



















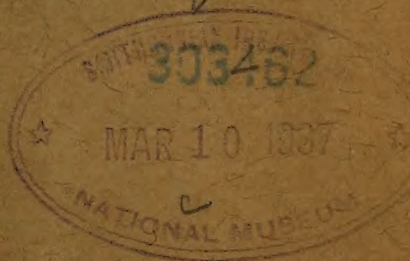


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ISSUED FROM

THE UNITED STATES  
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1936









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1936



UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON : 1937

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# LIST OF REISSUE PATENTEES FOR THE YEAR 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice)

Disclaimers follow in separate indexes, but precede the List of Reissue Inventions

- Abendroth, Wilhelm, Berlin-Charlottenburg, Germany, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Steam generator. 19,977; May 26.
- Abercrombie, James S. (See Martin, John R., assignor.)
- Aceves, Julius G. (See Amy, E. V., and Aceves.)
- Adlake Company, The. (See Larson, Carl H., assignor.)
- Adsit, Frank W., St. Paul, Minn., assignor of one-tenth to J. B. Skorstad, Minneapolis, Minn. Television device. 19,862; Feb. 25.
- Aisenstein, Michael D., Berkeley, assignor to United Iron Works, Oakland, Calif. Pump. 19,826; Jan. 21.
- Aktiengesellschaft Brown, Boveri & Cie. (See Wettstein, August, assignor.)
- Alexander, Joseph P., Pensacola, Fla., assignor, by mesne assignments, to Newport Industries, Inc. Container top. 20,057; Aug. 4.
- Alexander, William, Glasgow, Scotland. Silencer. 19,942; Apr. 28.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Control system. 19,896; Mar. 24.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to Radio Corporation of America. Signaling. 20,153; Nov. 3.
- Allen-Bradley Company. (See Power, Laurence E., assignor.)
- Allen-Bradley Company. (See Wilms, G. O., and Dawe, assignors.)
- Allen, Scott E., Glen Ridge, N. J., and J. E. Rennert, Springfield, N. J., assignors to C-O-Two Fire Equipment Company, Newark, N. J. Discharge head for fluid containers. 19,978; May 26.
- Allis-Chalmers Manufacturing Company. (See Stivender, Paul M., assignor.)
- Altenkirch, Edmund, Neuenhagen, near Berlin, Germany, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Absorption apparatus. 19,888; Mar. 17.
- Altenkirch, Edmund, Neuenhagen, near Berlin, Germany, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Absorption refrigerating system. 19,889; Mar. 17.
- Alther, Joseph G., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 20,066; Aug. 18.
- American Brass Company, The. (See Freeman, John R., Jr., assignor.)
- American Can Company. (See Hothersall, John M., assignor.)
- American Colloid Company. (See Bechtner, Paul, assignor.)
- American Decal Corporation, The. (See McNutt, James F., assignor.)
- American Enka Corporation. (See Moritz, A. J. L., and Schilthuis, assignors.)
- American Laundry Machinery Company, The. (See Silver, Harold F., assignor.)
- American Rolling Mill Company, The. (See Hofer, William H., assignor.)
- American Steel Foundries. (See Baselt, Walter H., assignor.)
- American Sterilizer Company. (See Jewell, Raymond L., assignor.)
- American Tri-Ergon Corporation. (See Massolle, J., Vogt, and Engl, assignors.)
- Ames, Adelbert, Jr., and G. H. Gliddon, assignors to Trustees of Dartmouth College, Hanover, N. H. Clinical optical mensuration method and instrument. 19,841; Feb. 4.
- Amy, Aceves, & King, Inc. (See Amy, E. V., and Aceves, assignor.)
- Amy, Ernest V., and J. G. Aceves, assignors to Amy, Aceves & King, Inc., New York, N. Y. Duplex radio aerial system. 19,854; Feb. 18.
- Anderson, Samuel M. and R. T. Palmer, Sharon, Mass., assignors to B. F. Sturtevant Company, Boston, Mass. Air conditioning control. 20,083; Sept. 1.
- Anthony, Felix M., Piedmont, Calif., assignor of one-fourth to K. C. Gillis, and one-fourth to D. B. Edwards, Oakland Calif. Spark plug. 19,875; Mar. 3.
- Apex Electrical Manufacturing Company, The. (See Criner, Harry J., assignor.)
- Arf, Herman R., Louisville, Ky., assignor, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J. System for air conditioning railroad cars. 20,178; Nov. 24.
- Armstrong Cork Company. (See Humphreys, Harry S., assignor.)
- Arzberger, Cornelius F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of butyl alcohol by fermentation. 2,050,219; Aug. 4.
- Auditorium Conditioning Corporation. (See Fleisher, Walter L., assignor.)
- Auditorium Conditioning Corporation. (See Karr, A. D., and Perkins.)
- Babcock & Wilcox Company, The. (See Fletcher, James, assignor.)
- Babcock & Wilcox Company, The. (See Hardgrove, Ralph M., assignor.)
- Bacharach Industrial Instrument Company. (See Stein, Joseph A., assignor.)
- Bager, William M., Fox Point, Wis., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Excavating dipper. 19,979; May 26.
- Bakelite Building Products Co. Inc. (See Harshberger, Norman P., assignor.)
- Baker, Herbert K., Kokomo, Ind. Manufacture of expanded metal. 20,154; Nov. 3.
- Barber, Pearley L., Turner, Oreg. Molded container. 19,819; Jan. 14.
- Barclay, Gustaf I., Niles, Mich., assignor to Detroit Steel Products Company, Detroit, Mich. Window construction. 20,054; Aug. 4.
- Farnes, John A., Chappaqua, N. Y., assignor to The Superheater Company, New York, N. Y. Marine type superheater boiler. 20,192; Dec. 8.
- Barnes, Leon E., Westfield, N. J. Sorting machine. 20,003; June 16.
- Barnhart, George E., Pasadena, Calif. Airplane wing construction. 20,075; Aug. 25.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake mechanism. 19,835; Jan. 28.
- Bate, John W., assignor to Walker Manufacturing Company, Racine, Wis. Balloon tire jack. 19,923; Apr. 14.
- Baumer, Edward, Fort Thomas, Ky., assignor to The P. Goldsmith Sons Company, Cincinnati, Ohio. Gameball and covering same. 20,036; July 21.
- Baumgartner, Godfrey, Astoria, N. Y., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 20,134; Oct. 20.
- Beaumont, James F. (See Moore, G. D. and Beaumont.)
- Bechtner, Paul, Chicago, Ill., assignor to American Colloid Company, Lead, S. Dak. Composition material. 19,919; Apr. 7.
- Beetem, Frank G., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Emergency lighting system. 19,848; Feb. 11.
- Belluche, Frank R., assignor to Christensen Machine Company, Racine, Wis. Method of and apparatus for feeding sheets. 20,194; Dec. 8.
- Bendix Aviation Corporation. (See Weymouth, Frederick R., assignor.)
- Bendix Brake Company. (See Hofer, Alfred H., assignor.)
- Bendix Brake Company. (See McConkey, Montgomery W., assignor.)
- Bendix Brake Company. (See Sanford, Ray S., assignor.)
- Benedict, Wayne L., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 19,804; Jan. 7.
- Berger, Clarence E., Shrewsbury, N. J., assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Rheostat. 20,195; Dec. 8.
- Berger, Kornel, New York, N. Y. Swivel harp fixture for electric lamps. 20,170; Nov. 17.
- Bezenberger, Fred K., Cleveland Heights, Ohio, assignor, by mesne assignments, to The Fulton Syphon Company, Knoxville, Tenn. Method of and apparatus for making metallic walls. 19,890; Mar. 17.
- Bierer, John M., Waban, assignor to Boston Woven Hose and Rubber Company, Cambridge, Mass. Method of and apparatus for vulcanizing rubber articles. 20,037; July 21.
- Bjurstrom, John B., St. Paul, Minn. Hot air respirator. 20,135; Oct. 20.
- Black, Knox C., Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Combined rectifier and amplifier circuit. 19,943; Apr. 28.
- Black, Knox C., Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Rectifier circuit. 20,122; Oct. 6.
- Blake, Dennis B. D., Danville, Ill., assignor to General Motors Corporation, Detroit, Mich. Shock absorber. 20,084; Sept. 1.



- Blanc, Francis E., New Westminster, Canada. Cutting tools. 20,020; June 30.
- Bleibtren, Herman, Darmstadt, Germany, and J. B. Eberlein, Chicago, Ill., assignors to Freyn Engineering Company, Chicago, Ill. Flue gas cleaning apparatus. 19,863; Feb. 25.
- Bliss, Carl G., assignor, by mesne assignments, to Standard Steel Works, Los Angeles, Calif. Measuring apparatus. 20,141; Oct. 27.
- Bohn Aluminum & Brass Corporation. (See Nelson, Adolph L., assignor.)
- Bohnenblust, Arnold, Riley, Kans. Pump construction. 20,019; June 30.
- Bohnsack, John A. (See Hauserman, E. F., Mowery, and Bohnsack.)
- Bolas, Harold, Providence, R. I. Aircraft. 19,932; Apr. 21.
- Bonhôte, Gérald. (See de Montmollin, G., Danuser, Bonhôte and Johner.)
- Boston Woven Hose and Rubber Company. (See Bierer, John M., assignor.)
- Bouchard, Blanch E. (See Du Grenier, Francis C., assignor.)
- Boucher, Charles P., assignor of one-half to L. G. Mickles, Montreal, Quebec, Canada. Electrical system and apparatus. 20,141; Oct. 27.
- Boucher, Marcel, Eltingville, Staten Island, N. Y. Brooch assemblage. 20,076; Aug. 25.
- Bourdon, Pierre M., Paris, France, assignor to Michelin & Cie, Clermont-Ferrand, France. Pneumatic tire. 19,969; May 12.
- Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure operated brake mechanism. 20,021; June 30.
- Bradbury, Clifford C., et al. (See Stokes, Charles L., assignor.)
- Breuer, Adam A., Chicago, Ill. Method of and apparatus for spraying insecticides. 20,058; Aug. 11.
- Bridgman, Arthur L., Boston, Mass. Bell ringer. 19,855; Feb. 18.
- Bristol, Edgar H., assignor to The Foxboro Company, Foxboro, Mass. Control system. 19,944; Apr. 28.
- Browne, Frank A., Wayne, Pa., assignor, by mesne assignments of one-half to Walworth Patents, Inc., Boston, Mass., and one-half to Merco Nordstrom Valve Company, Pittsburgh, Pa. Plug valve. 20,196; Dec. 8.
- Brunner, John, Chicago, Ill. Heat treatment of steel rails. 19,884; Mar. 10.
- Brush Beryllium Company, The. (See Sawyer, C. B., and Kjellgren, assignors.)
- Brush Development Company, The. (See Sawyer, Charles B., assignor.)
- Brussell, Jacob, New York, N. Y., assignor to I. Friedman, Roselle, N. J. Pinking appliance. 20,204; Dec. 15.
- Buckeye Blower Company. (See Ewald, Warren, assignor.)
- Bucyrus-Erie Company. (See Bager, William M., assignor.)
- Bucyrus-Erie Company. (See Poor, Frederic H., assignor.)
- Budd, Edward G., Manufacturing Company. (See Ledwinka, Joseph, assignor.)
- Budd, Edward G., Manufacturing Company. (See Tarbox, John P., assignor.)
- Buffalo Electric Furnace Corporation. (See Wiles, Sydney T., assignor.)
- Bulldog Electric Products Company. (See Frank, H. J. L., and Harper, assignors.)
- Bureau, Arthur A., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel. 20,106; Sept. 15, 1936.
- Burger, Frederick W., Niles, Mich., assignor to Clark Equipment Company, Buchanan, Mich. Dual wheel. 19,885; Mar. 10.
- Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Dual pneumatic wheel. 20,022; June 30.
- Burroughs Adding Machine Company. (See Trew, Arthur S., assignor.)
- Busey, Herbert S., Providence, R. I., assignor to Kenne-cott Wire and Cable Company, Phillipsdale, R. I. Wire drawing apparatus. 20,067; Aug. 18.
- Butusov, Emil P., deceased, Hollywood, by F. C. Eckmann, administrator, Riverside, Ill., assignor to Westinghouse Electric & Manufacturing Company. Elevator control system. 20,023; June 30.
- Byerlein, Arthur A., Detroit, Mich., assignor, by mesne assignments, to General Machinery Corporation, Hamilton, Ohio. Drawing press. 20,042; July 28.
- Calkins, Seward H., Audubon, N. J., assignor to The Traitel Marble Company, Long Island City, N. Y. Pattern and guide strip. 19,891; Mar. 17.
- Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Making brake drums. 20,043; July 28.
- Campbell, Francis D. (See Marshall, James H., assignor.)
- Campbell, Wyant & Cannon Foundry Company. (See Campbell, Donald J., assignor.)
- Candor, Robert R., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 20,107; Sept. 15, 1936.
- Canton, Allen A., New York, N. Y., assignor, by mesne assignments, to The Crosley Radio Corporation, Cincinnati, Ohio. Door construction for refrigerators. 20,004; June 16.
- Carborundum Company, The. (See Prey, Arthur H., assignor.)
- Carborundum Company, The. (See Tone, Frank J., assignor.)
- Carey, Philip, Manufacturing Company, The. (See Fischer, Albert C., assignor.)
- Carlson, Wendell L., Haddonfield, N. J., assignor to General Electric Company. Radio apparatus. 19,945; Apr. 28.
- Carrier Engineering Corporation. (See Arf, Herman R., assignor.)
- Chabot, Ephraim H., assignor to Nashua Gummed & Coated Paper Company, Nashua, N. H. Strip-serving mechanism. 20,179; Nov. 24.
- Chadwick, William H., Chicago, Ill. Publicity apparatus. 19,976; May 19.
- Champion Machine & Forging Company, The. (See Johnson, Howard F., assignor.)
- Chapman, Ralph W., Old Town, Maine, assignor, by mesne assignments, to The Old Town Company. Method of and machine for making pulp articles. 19,856; Feb. 18.
- Cheezits Corporation. (See Romney, Reuben, Jr., assignor.)
- Chemical Construction Corporation. (See Hechenbleikner, Ingenuin, assignor.)
- Chemipulp Process Inc. (See Dunbar, Thomas L., assignor.)
- Chemipulp Process Inc. (See Merrill, Albert D., assignor.)
- Chenicek, George W. (See Moore, J. E., and Chenicek.)
- Cherry, George L., Western Springs, Ill., and L. F. Lamplough, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling treated articles. 19,820; Jan. 14.
- Christensen Machine Company. (See Belluche, Frank R., assignor.)
- Cincinnati Milling Machine Company, The. (See Sassen, Bernard, assignor.)
- Clancy, Patricia, San Diego, Calif. Corrective brassière. 19,960; May 12.
- Clark Equipment Company. (See Burger, Frederick W., assignor.)
- Clark Equipment Company. (See Spatta, George, assignor.)
- Clement, George A., Mount Vernon, N. Y. Multifocal lens and making same. 20,059; Aug. 11.
- Clerc, André, Villeurbanne, assignor to Societe Ateliers de Constructions Electriques de Delle, Paris, France. Electric circuit-breaker with compressed gas blow-out. 20,044; July 28.
- Cochran, Ralf S., and J. R. Moser, assignors to Surface Combustion Corporation, Toledo, Ohio. Walking beam furnace. 20,028; July 7.
- Cohen, Harry, New York, N. Y., assignor to Milbert Company, Tourniquet. 19,924; Apr. 14.
- Cole, William, Bristol, assignor, by mesne assignments, to Molins Machine Company, Limited, London, England. Cutting-off mechanism in cigarette making and similar machines. 19,941; Apr. 21.
- Coleman, Thomas A., Carbondale, Pa. Gas burner. 19,959; May 5.
- Collins, Harry R. et al. (See Stonebraker, Fred, Sr., assignor.)
- Columbus McKinnon Chain Corporation. (See Stahl, Frank E., assignor.)
- C-O-Two Fire Equipment Company. (See Allen, S. E., and Rennert, assignors.)
- Coyveow, Daniel L., Chicago, Ill. Charge treating device for internal combustion engines. 20,108; Sept. 15, 1936.
- Crabbs, Herbert J., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Disconnecting switch. 20,085; Sept. 1.
- Crane, Harvey E., Fort Wayne, Ind., assignor to The Hoover Company, North Canton, Ohio. Motor Compressor unit. 19,961; May 12.
- Creech, Charles L., Jr., Winston-Salem, N. C. Table. 19,940; Apr. 21.
- Criley, William W., Cleveland, Ohio. Clutch. 19,876; Mar. 3.
- Criner, Harry J., Davenport, Iowa, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Driving mechanism for combined washers and driers. 19,925; Apr. 14.
- Crosley Radio Corporation, The. (See Canton, Allen A., assignor.)
- Crowe, James H., assignor to The Midland Steel Products Company, Cleveland, Ohio. Automobile chassis frame and making same. 20,197; Dec. 8.
- Crowell, Erd V., Los Angeles, Calif. Cementing wells. 19,897; Mar. 24.
- Crowell, Erd V., Los Angeles, Calif. Apparatus for cementing wells. 19,952; Apr. 28.
- Cunningham, George L., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of chlorine dioxide. 19,849; Feb. 11.
- Curry, James P. (See Hopkins, Ernest R., assignor.)
- Curtis, Kenneth L., assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Method of and apparatus for feeding or pulling tape. 20,095; Sept. 8.
- Curtiss, Evan H., et al. (See Stonebraker, Fred, assignor.)
- Curtiss, Glenn H., deceased, Country Club Estates, by L. P. Wheeler, Miami Springs, Fla., assignee. Motor vehicle. 20,171; Nov. 17.



- Cushman, Everett B., assignor to Food Machinery Corporation, San Jose, Calif. Curing hay. 19,971; May 19.
- Cutler-Hammer, Inc. (See Stansbury, Carroll, assignor.)
- Dahlstrom Metallic Door Company. (See Dawson, Axel G., assignor.)
- Daimler-Benz Aktiengesellschaft. (See Devillers, René J., assignor.)
- Danuser, Jacob. (See de Montmollin, G., Danuser, Bonhôte and Johner.)
- Dartmouth College, Trustees of. (See Ames, A., Jr., and Gliddon, assignors.)
- Davies, W. Sanders, trustee et al. (See Durham, Hobart N., assignor.)
- Dawe, Albert J. (See Wilms, G. O., and Dawe.)
- Dawson, Axel G., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Partition. 19,946; Apr. 28.
- Dean, Oscar M., Sioux City, Iowa. Cutting fur. 19,970; May 12.
- De Lanty, Loren J., assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector car. 19,991; June 2.
- De Montmollin, Guillaume, J. Danuser, G. Bonhôte and H. Johner, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Unsulphonated diacylated diamines and making same. 19,842; Feb. 4.
- Desmond, John J. Hubbard Woods, Ill., assignor to Line Material Company, South Milwaukee, Wis. Gang operated switch. 19,864; Feb. 25.
- Des Rosiers, John B., Providence, R. I. Vehicle brake controlling means. 20,086; Sept. 1.
- Detroit Steel Products Company. (See Barclay, Gustaf I., assignor.)
- Devillers, René J., Paris, France, assignor, by mesne assignments, to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Motor vehicle provided with four independent wheels. 19,832; Jan. 21.
- Dibner, Bern, New York, N. Y. Manufacturing connectors and articles produced thereby. 20,096; Sept. 8.
- Diener, John A., Evanston, and J. E. Gardner, Chicago, Ill., assignors to R. Ford, Detroit, Mich. Defrosting cooling element of mechanical refrigerators. 20,087; Sept. 1.
- Doll, Anne M. L., administratrix. (See Schlumberger, Conrad.)
- Donaldson, John S., St. Albans, N. Y., assignor to Donaldson Piston Corporation, Belleville, N. J. Piston. 19,904; Mar. 31.
- Donaldson Piston Corporation. (See Donaldson, John S., assignor.)
- Dorr Company, The. (See Keefer, C. E., and Wachter, assignors.)
- Dorr Company, The. (See Scott, Charles H., assignor.)
- Douglas, Harry A., Bronson, Mich. Reflecting electric lamp. 20,032; July 14.
- Drake, Frederick H., and W. D. Loughlin, Boonton, N. J., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Input system for electrical amplifiers. 19,892; Mar. 17.
- Drawing, Arthur M., assignor to H. H. Eby, Philadelphia, Pa. Molded socket. 20,162; Nov. 10.
- Du Grenier, Francis C., assignor one-half to B. E. Bouchard, Haverhill, Mass. Coin controlled dispenser. 20,077; Aug. 25.
- Dunbar, Thomas L., assignor to Chemipulp Process Inc., Watertown, N. Y. Process and apparatus for digesting fibrous materials. 20,123; Oct. 6.
- Dunbar, Thomas L., assignor to Chemipulp Process, Incorporated, Watertown, N. Y. Production of pulp. 20,217; Dec. 29.
- Du Pont, E. I., de Nemours & Company. (See Lewis, Harold A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Mathey, C. A., and Lewis, assignors.)
- Durham, Hobart N., Munsey Park, N. Y., assignor to R. Peale, Clearfield, Pa., W. S. Davies, New York, N. Y., and W. B. Oakes, Rutherford, N. J., trustees. Mechanism for separating intermixed divided materials. 20,082; Aug. 25.
- Eastman, Joseph P., Manitowoc, Wis. Hose coupling. 19,865; Feb. 25.
- Eastwood, Harold B., assignor to Hatford-Empire Company, Hartford, Conn. Glassware leer construction. 20,209; Dec. 22.
- Eavestaff, W. G., & Sons Limited. (See Lundholm, Gustaf W., assignor.)
- Eberlein, John B. (See Bleibtren, H., and Eberlein.)
- Eby, Hugh H. (See Drawing, Arthur M., assignor.)
- Eckmann, Fred C., administrator. (See Butusov, Emil P.)
- Edtbauer, Petronella, Berwyn, assignor to R. and J. Edtbauer, Chicago, Ill. Coffee filter. 20,124; Oct. 6.
- Edtbauer, Roset, et al. (See Edtbauer, Petronella, assignor.)
- Educational Laboratories, Inc. (See Taylor, James Y., assignor.)
- Edwards, Darrell B., et al. (See Anthony, Felix M., assignor.)
- Egloff, Gustav, assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Cracking hydrocarbon oils. 20,109; Sept. 15, 1936.
- Egry Register Company, The. (See Pfeiffer, William C., assignor.)
- Eidco, Inc. (See Hokanson, Martin, assignor.)
- Elitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Lamp control mechanism for message transmitting system. 20,110; Sept. 15, 1936.
- Electric Storage Battery Company, The. (See Beetem, Frank G., assignor.)
- Electron Corporation, The. (See Macksoud, Michel E., assignor.)
- Electronic Television Company, The. (See Henroteau, François C. P., assignor.)
- Ellis, Charles E., Jr., Mahwah, N. J., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator. 19,805; Jan. 7.
- Ellis-Foster Company. (See Weber, Harry M., assignor.)
- Emerson, Lilley W., Hooksett, N. H., assignor of one-half to H. A. Freedman, Brooklyn, N. Y. Folding chair. 20,205; Dec. 15.
- Engl, Josef. (See Massolle, J., Vogt and Engl.)
- Epstein, Albert K., Chicago, Ill. Cake process and product. 19,933; Apr. 21.
- Epstein, Alex, assignor to Epstein & Hammer, Inc., Brooklyn, N. Y. Knitted cap or similar article. 19,866; Feb. 25.
- Epstein & Hammer, Inc. (See Epstein, Alex, assignor.)
- Equitable Paper Bag Co. (See Poppe, George W., assignor.)
- Erling, Ralph, Cranford, N. J. Automatic by-pass for hydraulic mechanisms. 19,992; June 2.
- Esselen, Gustavus J., Swampscott, assignor to The Fiberloid Corporation, Indian Orchard, Mass. Forming sheet pyroxylin. 19,926; Apr. 14.
- Evans Case Company. (See Reilly, Alfred F., assignor.)
- Evans, Ralph L., assignor to Zotos Corporation, New York, N. Y. Hair waving pad. 19,972; May 19.
- Ewald, Warren, Philadelphia, Pa., assignor, by mesne assignments, to Buckeye Blower Company, Columbus, Ohio. Heating and ventilating apparatus. 19,914; Apr. 7.
- Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Carrier wave receiver. 19,857; Feb. 18.
- Fehr, John R., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 19,858; Feb. 18.
- Fellows Gear Shaper Company, The. (See Miller, Edward W., assignor.)
- Felt & Tarrant Mfg. Co. (See Niemann, F. A., and Ziehm, assignors.)
- Fiberloid Corporation, The. (See Esselen, Gustavus J., assignor.)
- Fidelity Machine Company. (See Larkin, Walter, assignor.)
- Finch, James L., Rocky Point, N. Y., assignor to Radio Corporation of America. Keying. 20,163; Nov. 10.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Preformed composition strip and making same. 20,029; July 7.
- Fish, Ezra B., Kansas City, Mo., assignor, by mesne assignments, to The Interstate Folding Box Company, Middletown, Ohio. Multiple-ply paper. 19,821; Jan. 14.
- Fitton, Cyrus J. (See Yingling, Frank B., assignor.)
- Fleisher, Walter L., New City, N. Y., assignor to Auditorium Conditioning Corporation. Ventilating system. 20,088; Sept. 1.
- Fletcher, Henry O., Manchester, N. H. Milling machine. 19,998; June 9.
- Fletcher, James, Akron, Ohio, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Heat exchanger method and apparatus. 20,045; July 28.
- Food Machinery Corporation. (See Cushman, Everett B., assignor.)
- Food Machinery Corporation. (See Jones, Lloyd E., assignor.)
- Ford, Richard. (See Diener, J. A., and Gardner, assignors.)
- Forman, Harold L., Kitchawan, N. Y. Refrigerating apparatus and process. 19,973; May 19.
- Forse, Harry D., Anderson, Ind. Method of and apparatus for pressing. 20,060; Aug. 11.
- Fousek, Joseph, San Francisco, Calif., assignor to Ovolo Incorporated. Sterilization and preservation of eggs. 19,898; Mar. 24.
- Fox, Gordon, and A. J. Whitcomb, assignor to Freyn Engineering Company, Chicago, Ill. Tuyère. 19,980; May 26.
- Foxboro Company, The. (See Bristol, Edgar H., assignor.)
- Foxboro Company, The. (See Mason, Clesson E., assignor.)
- Frank, Harrison J. L., and W. A. Harper, assignors to Bulldog Electric Products Company, Detroit, Mich. Duct for current distributing systems. 20,005; June 16.
- Freedman, Harry A. (See Emerson, Lilley W., assignor.)
- Freedman, Harry A., Brooklyn, N. Y. Beach chair. 20,181; Nov. 24.
- Freeman, Benjamin W. (See Knight, George, assignor.)
- Freeman, Benjamin W., Cincinnati, Ohio. Ornamenting machine. 20,177; Nov. 17.
- Freeman, Benjamin W., Cincinnati, Ohio. Cut-out machine for shoe uppers. 20,202; Dec. 8.
- Freeman, Benjamin W., Cincinnati, Ohio. Cut-out machine for shoe uppers. 20,203; Dec. 8.
- Freeman, John R., Jr., Cheshire, Conn., assignor to The American Brass Company, Waterbury, Conn. Die casting alloy. 19,915; Apr. 7.
- Freyn Engineering Company. (See Bleibtren, H., and Eberlein, assignors.)



- Frey Engineering Company. (See Fox, G., and Whitcomb, assignors.)
- Friedman, Isadore. (See Brussell, Jacob, assignor.)
- Friedrich, Walter, Troisdorf, Germany. Manufacturing nitrous oxide. 19,953; May 5.
- Frigidaire Corporation. (See Scherer, Charles W., assignor.)
- Frink, Carl H., Clayton, N. Y. Snow plow attachment for motor trucks. 20,125; Oct. 6.
- Frink, Frederick W., Schenectady, N. Y., assignor to General Electric Company. Electric power converting apparatus. 19,850; Feb. 11.
- Fulton Syphon Company, The. (See Bezzenberger, Fred K., assignor.)
- G. B. G. Corporation. (See Graf, Elmer J., assignor.)
- Gallon Metallic Vault Company, The. (See Smith, Ralph E., assignor.)
- Galligan, Joseph W. (See Kinney, E. A., and Galligan.)
- Gardner, John E. (See Diener, J. A., and Gardner.)
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Mechanism for knitting full-fashioned hosiery. 19,843; Feb. 4.
- Gautier, Trevor R. and H. E. Nichols, assignors to Nashua Gummed and Coated Paper Company, Nashua, N. H. Strip-serving machine. 20,180; Nov. 24.
- General Electric Company. (See Alexanderson, Ernst F. W., assignor.)
- General Electric Company. (See Carlson, Wendell L., assignor.)
- General Electric Company. (See Frink, Frederick W., assignor.)
- General Electric Company. (See Kellogg, Edward W., assignor.)
- General Electric Company. (See McCarty, Orin P., assignor.)
- General Electric Company. (See Van Billiard, Lewis H., assignor.)
- General Electric Company. (See Warneke, Roman C., assignor.)
- General Electric Company. (See Young, Charles J., assignor.)
- General Machinery Corporation. (See Byerlein, Arthur A., assignor.)
- General Motors Corporation. (See Blake, Dennis, B. D., assignor.)
- General Motors Corporation. (See Candor, Robert R., assignor.)
- General Motors Corporation. (See Fehr, John R., assignor.)
- General Motors Corporation. (See Parker, Leslie O., assignor.)
- General Motors Corporation. (See Smith, Harry F., assignor.)
- General Railway Signal Company. (See Wight, Sedgwick N., assignor.)
- Gengler, Edwin J., Milwaukee, Wis. Stock enclosure and system of electrically charging the same. 19,922; Apr. 7.
- Gillette Safety Razor Company. (See Testi, Nicholas, assignor.)
- Gillis, Kenneth C., et al. (See Anthony, Felix M., assignor.)
- Gilman, Lyle A., Sedan, Kans. Traffic control device. 20,006; June 16.
- Girard Manufacturing Company, The. (See Smith, Anthony N., assignor.)
- Gliddon, Gordon H. (See Ames, A., Jr., and Gliddon.)
- Globe Iron Roofing & Corrugating Company, The. (See Little, Howard J., assignor.)
- Glunz, Henry F., Saratoga Springs, N. Y., assignor of one-half to R. M. McMullen, New York, N. Y. Method of and apparatus for applying sealing closures to bottles and other containers. 19,836; Mar. 10.
- Goder, Max, Neuss, Germany, assignor to United States Envelope Company, Springfield, Mass. Folding of envelope blanks and the like. 19,867; Feb. 25.
- Goetz, Harry, deceased, by Yale Slot & Slug Company, Chicago, Ill., assignee. Slot and slug for check controlled apparatus. 19,981; May 26.
- Goldsmith, P., Sons Company, The. (See Baumer, Edward, assignor.)
- Goldsmith, Samuel J., Chicago, Ill. Garment protector. 19,947; Apr. 28.
- Goodman, Glenn W., deceased, by W. B. Rosenfield, executor, assignor to The Grade Crossing Guard Corp., Memphis, Tenn. Crossing guard. 20,157; Nov. 3.
- Goodyear Tire & Rubber Company, The. (See State, Will C., assignor.)
- Goss Printing Press Company, The. (See Walser, Joseph J., assignor.)
- Grade Crossing Guard Corp., The. (See Goodman, Glenn W., assignor.)
- Graf, Elmer J., Roselle Park, N. J., assignor to G. B. G. Corporation, Newark, N. J. Illuminated ornamental device for decorative purposes. 19,836; Jan. 28.
- Graf, Elmer J., Roselle Park, N. J., assignor to G. B. G. Corporation, Newark, N. J. Illuminated ornamental device. 19,859; Feb. 18.
- Grant, John. (See Parker, Lloyd A., assignor.)
- Gray, Raymond K., Chicago, Ill. Lock. 20,143; Oct. 27.
- Grindrod, George, Oconomowoc, Wis., assignor to Grindrod Process Corporation, Waukesha, Wis. Food product and manufacturing the same. 19,863; Feb. 25.
- Grindrod Process Corporation. (See Grindrod, George, assignor.)
- Grisson, Joseph, New York, N. Y., assignor to National Fire Detector Corporation. Fire alarm device. 20,158; Nov. 3.
- Grob, Benjamin and T., West Allis, Wis. Filling machine. 19,999; June 9.
- Grob, Theodore. (See Grob, Benjamin and T.)
- Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Double center drive crankshaft lathe. 20,090; Sept. 1.
- Groene, William F., and G. W. Luning, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft lathe. 19,905; Mar. 31.
- Grosvenor, Graham B., New York, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Electric elevator system. 19,806; Jan. 7.
- Guiberson Corporation, The. (See Standlee, Harvey R., assignor.)
- Gulliksen, Finn H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regulator compensator. 19,807; Jan. 7.
- Hadsel, Alvah D., Oakland, Calif., assignor to Monarch Development Company, Ltd. Rock crusher. 20,136; Oct. 20.
- Hall, Carlos, Jr., assignor of one-half to H. H. Hallatt, Mexico, D. F., Mexico. Attachment for operating gate valves by means of fluid pressure from any desired distance. 20,007; June 16.
- Hall, Mora S., Baltimore, Md., assignor to May Oil Burner Corporation. Combustion chamber heating device. 19,833; Jan. 21.
- Hall, William J., Detroit, Mich., assignor, by mesne assignments, of thirty per cent to O. L. Herron, thirty per cent to J. B. Zimmers, thirty-three per cent to W. J. Hall, and seven per cent to R. C. Schemmel. Hinge construction. 20,111; Sept. 15, 1936.
- Hallatt, Harry H. (See Hall, Carlos, Jr., assignor.)
- Hallenbeck, Charles V., Denver, Colo. Trailer. 20,218; Dec. 29.
- Hanna, Clinton R., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrodynamic microphone. 20,155; Nov. 3.
- Hanson-Van Winkle-Munning Company. (See Berger, Clarence E., assignor.)
- Hardgrove, Ralph M., Westfield, N. J., assignor to The Babcock & Wilcox Company, New York, N. Y. Control system. 20,156; Nov. 3.
- Harper, William A. (See Frank, H. J. L., and Harper.)
- Harris, Romaine R., Portland, Oreg. Steering apparatus for multiwheel vehicles. 20,193; Dec. 8.
- Harshberger, Norman P., Scarsdale, N. Y., assignor to Bakelite Building Products Co. Inc., New York, N. Y. Roofing material. 19,903; Mar. 24.
- Hartford-Empire Company. (See Eastwood, Harold B., assignor.)
- Hartley, Henry J., Hastings-upon-Hudson, assignor to Nichols Engineering and Research Corporation, New York, N. Y. Treating sewage or similar material. 20,046; July 28.
- Hartley, Kenneth, Houston, assignor, by mesne assignments, to Humble Oil & Refining Company, Harris County, Tex. Gravity measuring instrument. 20,137; Oct. 20.
- Hauserman, E. F., Company, The. (See Hauserman, E. F., Mowery, and Bohnsack, assignors.)
- Hauserman, Earl F., Cleveland Heights, L. D. Mowery, Cleveland, and J. A. Bohnsack, Cleveland Heights, Ohio, assignors to The E. F. Hauserman Company, Cleveland, Ohio. Metallic wall structure. 19,822; Jan. 14.
- Hauserman, Earl F., Cleveland Heights, L. D. Mowery, Cleveland, and J. A. Bohnsack, Cleveland Heights, assignors to The E. F. Hauserman Company, Cleveland, Ohio. Wall structure. 20,008; June 16.
- Hays Corporation, The. (See Sprague, P. T., and Soller, assignors.)
- Hazeltine Corporation. (See Hazeltine, Louis A., assignor.)
- Hazeltine, Louis A., Hoboken, N. J., assignor to Hazeltine Corporation. Antenna coupling system. 19,823; Jan. 14.
- Heath, Forrest A., Upper Montclair, N. J. Oil burning furnace. 19,860; Feb. 18.
- Hechenbleikner, Ingenuin, deceased, Charlotte, N. C., by Chemical Construction Corporation, New York, N. Y., assignee. Nitric acid concentration. 19,837; Jan. 28.
- Heigis, Henry E., West Orange, assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Release device for inflatable flotation devices. 20,047; July 28.
- Heil Co., The. (See Thwaites, Frederick G., assignor.)
- Hemphill Company. (See Lawson, John and R. H., assignors.)
- Henroteau, Francois C. P., assignor to The Electronic Television Company, Limited, Ottawa, Ontario, Canada. Television. 20,187; Dec. 1.
- Herron, Ollie L., et al. (See Hall, William J., assignor.)
- Herzberg, Anton A., Waukesha, H. O. Schultz and J. S. Tumpak, Milwaukee, assignors to Waukesha Universal Drill Head Company, Milwaukee, Wis. Universal multiple drill head. 20,068; Aug. 18.
- Hewes, Laurence I., San Francisco, Calif. Headlamp. 20,129; Oct. 13.
- Hines, James F., assignor to R. J. Hines, Lakewood, Ohio. Making hinges. 20,089; Sept. 1.
- Hines, Russell J. (See Hines, James F., assignor.)



- Hofer, Alfred H., Dayton, Ohio, assignor to Bendix Brake Company, Chicago, Ill. Brake for landing gear wheels of airplanes. 20,126; Oct. 6.
- Hofer, William H., assignor to The American Rolling Mill Company, Middletown, Ohio. Apparatus and process for uncoiling coiled sheet metal. 20,000; June 9.
- Hokanson, Martin, assignor to Eidco, Inc., Duluth, Minn. Refrigerator. 19,948; Apr. 28.
- Holmes, Morris P., Claremont, N. H., assignor, by mesne assignments, to Sullivan Machinery Company. Explosionproof mining apparatus. 19,954; May 5.
- Hoof Products Company. (See Weaver, Ray J., assignor.)
- Hoover Company, The. (See Altenkirch, Edmund, assignor.)
- Hoover Company, The. (See Crane, Harvey E., assignor.)
- Hoover Company, The. (See Kitto, William H.)
- Hoover Company, The. (See Smellie, Donald G., assignor.)
- Hopkins, Ernest R., assignor of one-half to J. P. Curry, Kansas City, Mo. Refrigerating coil. 20,016; June 23.
- Horn, Emil A., Jamaica, assignor to Russell & Stoll Company, Inc., New York, N. Y. Electrical connector. 20,097; Sept. 8.
- Horton, E. C. (See Hueber, H., and Horton.)
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Drawing. 20,009; June 16.
- Houde Engineering Corporation. (See Smith, Frederick A., assignor.)
- Hoy, Harry L., Chicago, Ill., assignor, by mesne assignments, to Vaco Products, Inc., Detroit, Mich. Change speed gear transmission. 20,186; Dec. 1.
- Huck, Louis C., Buchanan, Mich., assignor to Huxon Holding Corporation, Detroit, Mich. Rivet and method of setting the same. 20,055; Aug. 4.
- Hudson, Frank W., Los Angeles, Calif. Soft rubber plug and socket body. 20,033; July 14.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner operated from the motor vehicle lubricating system. 20,219; Dec. 29.
- Hughes Tool Company. (See Neuhaus, Ralph, assignor.)
- Humble Oil & Refining Company. (See Hartley, Kenneth, assignor.)
- Humphreys, Harry S., assignor to Armstrong Cork Company, Lancaster, Pa. Ornamental hard surface covering. 19,906; Mar. 31.
- Hutchison, Miller R., Jr., Madison, N. J., assignor to Multicycol Pump & Engine Corporation, New York, N. Y. Compressor. 19,962; May 12.
- Huxon Holding Corporation. (See Huck, Louis C., assignor.)
- Hydraulic Brake Company. (See Bowen, Herbert C., assignor.)
- Industrial Patents Corporation. (See Walter, Charles T., assignor.)
- International Business Machines Corporation. (See Watson, Glenn W., assignor.)
- International Carbonic, Inc. (See Rice, Edward, Jr., assignor.)
- Interstate Folding Box Company, The. (See Fish, Ezra B., assignor.)
- Irgens, Finn T., Wauwatosa, Wis., assignor to Outboard Motors Corporation, Milwaukee, Wis. Charge controlling device for internal combustion engines. 19,949; Apr. 28.
- Isom, Edward W., Scarsdale, assignor to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbon oils. 20,098; Sept. 8.
- Ives, Charles Q., Reading, Mass., assignor to Sherman Paper Products Corporation, Newton, Mass. Fabrication of corrugated papers. 20,034; July 14.
- Jackson, Ralph G., Woodbury, N. J. Decorative sheet material and preparing the same. 20,182; Nov. 24.
- Jandus, Herbert S., Detroit, Mich., and F. A. Smith, assignors to Oakes Products Corporation, North Chicago, Ill. Lock for spare wheels and tires. 19,993; June 2.
- Jenkins, Geo. O., Co. (See Richter, Herman W., assignor.)
- Jennings, Oliver S., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, Panel circuit breaker. 19,887; Mar. 10.
- Jewell, Raymond L., Millcreek Township, Erie County, assignor to American Sterilizer Company, Erie, Pa. Water sterilizer. 20,164; Nov. 10.
- Johner, Hans. (See de Montmollin, G., Danuser, Bonhôte and Johner.)
- Johnson, Howard F., assignor to The Champion Machine & Forging Company, Cleveland, Ohio. Method and machine for forming channel shaped articles. 19,927; Apr. 14.
- Johnson, William C. (See McCahey, George F., assignor.)
- Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Method and apparatus for avoiding shock chill in precipitating substances from liquids. 19,869; Feb. 25.
- Jones, Lloyd E., Santa Monica, Calif., assignor to Food Machinery Corporation, San Jose, Calif. Method and apparatus for treating fruit. 19,877; Mar. 3.
- Kaehni, Frank J. (See Kaehni, William L., assignor.)
- Kaehni, William L. and F. J. Cleveland, Ohio. Voltage supply system for vacuum tubes. 20,078; Aug. 25.
- Karr, Alfred D., Newark, N. J., and Karl D. Perkins, Providence, R. I., assignors, by mesne assignments, to Auditorium Conditioning Corporation. Method and apparatus for conditioning air. 20,069; Aug. 18.
- Keefe, Clarence E., and F. C. Wachter, Baltimore, Md., assignors to The Dorr Company, Inc., New York, N. Y. Sewage treating apparatus. 19,878; Mar. 3.
- Kellogg, Edward W., Moorestown, N. J., assignor to General Electric Company. Electrical system. 20,114; Sept. 22.
- Kennecott Wire and Cable Company. (See Busey, Herbert S., assignor.)
- Kennedy, George H., Jr., Worcester, assignor to United States Envelope Company, Springfield, Mass. Envelope. 19,934; Apr. 21.
- Kidde, Walter, & Company. (See Heigis, Henry E., assignor.)
- Kinney, Edward A., Watertown, and J. W. Galligan, Jamaica Plain, Boston, Mass. Radio program selecting apparatus. 19,851; Feb. 11.
- Kirby, Charles H., assignor to Marvel Carburetor Company, Flint, Mich. Carburetor. 19,916; Apr. 7.
- Kirk, John A., Detroit, Mich. Combination of os uteri locating device and medical applicator. 20,061; Aug. 11.
- Kirschbraun, Lester, Leonia, N. J., assignor to Universal Oil Products Company, Chicago, Ill. Treating hydrocarbons. 19,818; Jan. 7.
- Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 19,844; Feb. 4.
- Kjellgren, Bengt. (See Sawyer, C. B., and Kjellgren.)
- Klein, Harry H., New York, N. Y. Hair curler. 20,115; Sept. 22.
- Knapp, Andrew S., assignor to Knapp-Monarch Company, Belleville, Ill. Iron handle. 20,165; Nov. 10.
- Knapp-Monarch Company. (See Knapp, Andrew S., assignor.)
- Knauer, Berthold. (See Ogden, J. W., and Knauer.)
- Knight, George, Brockton, Mass., assignor to B. W. Freeman, Cincinnati, Ohio. Perforating machine. 20,206; Dec. 15.
- Knowles, Dewey D., Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Safety system. 20,210; Dec. 22.
- Knox, Samuel L. G., Englewood, N. J. Vaporizer for vapor burners. 20,091; Sept. 1.
- Kohler, Michael J., New York, N. Y., assignor to National Nut Company of California. Apparatus for treating nuts. 20,024; June 30.
- Konold, Clyde H. (See Wurzbach, H. E., and Konold.)
- Kranz, Frederick W., Fort Wayne, Ind., assignor, by mesne assignments, to Sonotone Corporation, New York, N. Y. Vibration instruments for bone audition. 19,808; Jan. 7.
- Krautberger, Albert, Holzhausen, near Leipzig, Germany, assignor to R. A. Ruess, Washington, D. C. Coating by spraying. 19,907; Mar. 31.
- Krebs, Frank A., Brooklyn, N. Y., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring expander. 19,900; Mar. 24.
- Kublanow, Joseph, Pittsburgh, Pa. Side wall mounting structure. 20,116; Sept. 22.
- Kucher, Andrew A., Dayton, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Refrigerating machine. 19,908; Mar. 31.
- Kucher, Andrew A., Dayton, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Refrigerating machine. 20,166; Nov. 10.
- Kuyper, Peter H., assignor to Rolscreen Company, Pella, Iowa. Venetian blind construction. 20,133; Oct. 20.
- L. C. L. Corporation, The. (See Woodruff, Graham C., assignor.)
- Lachman, Arthur, Berkley, Calif., assignor, by mesne assignments, to Vapor Treating Processes, Inc. Refining hydrocarbon oils. 19,879; Mar. 3.
- Lamplough, Leslie F. (See Cherry, G. L., and Lamplough.)
- La Porte, C. W., trustees, et al. (See Schueler, Julian L., assignor.)
- Larason, John E., Dayton, Ohio. Propeller clamping and balancing ring. 20,159; Nov. 3.
- Larkin, Walter, Norristown, Pa., assignor to Fidelity Machine Company, Wilmington, Del. Knitting machine. 19,827; Jan. 21.
- Larson, Carl H., assignor to The Adlake Company, Elkhart, Ind. Relay. 20,099; Sept. 8.
- Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Time delay mercury switch. 20,100; Sept. 8.
- Lasker, William W., Jr., Brooklyn, N. Y. Carrying mechanism for tabulating machines. 20,199; Dec. 8.
- Laurent, Milton P., assignor to W-K-M Company, Inc., Houston, Tex. Gate valve. 20,101; Sept. 8.
- Lawson, John, Bristol, and R. H. Lawson, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Machine for knitting fabric. 20,025; June 30.
- Lawson, Robert H. (See Lawson, John and R. H.)
- Le Blond, R. K., Machine Tool Company, The. (See Groene, William F., assignor.)
- Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Luning, assignors.)
- Lederer, Ernest A., Glen Ridge, and J. W. Marden, East Orange, N. J., assignors to Westinghouse Lamp Company. Electron discharge device with indirectly heated cathode. 19,870; Feb. 25.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle frame. 20,030; July 7.
- Lesti, Arnold, Los Angeles, Calif. Electric translating device for musical instruments. 20,070; Aug. 18.



- Lewis, Harold A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Deonator. 20,190; Dec. 1.
- Lewis, Paul F. (See Mathey, C. A., and Lewis.)
- Lewis, Robert P. (See Padgett, J. E., and Lewis.)
- Light, Albert T., Canton, Ohio, assignor to York Ice Machinery Corporation, York, Pa. Continuous freezer. 20,183; Nov. 24.
- Lincoln, Paul M., Ithaca, N. Y. Electric meter of the thermal type. 20,172; Nov. 17.
- Line Material Company. (See Desmond, John J., assignor.)
- Line Material Company. (See Steinmayer, Alwin G., assignor.)
- Linsley, Douglas F., Norwalk, Conn. Vacuum operated gear shift mechanism. 19,928; Apr. 14.
- Lipman, Carl E. L., Chicago, Ill., assignor, by mesne assignments, to Servel, Inc. Magnetic unloader. 19,893; Mar. 17.
- Little, Howard J., Fort Thomas, Ky., assignor to The Globe Iron Roofing & Corrugating Company. Sheet metal roofing and similar construction. 19,880; Mar. 3.
- Loftus, Fred H., Mount Lebanon, Pa. Nonreversing open-hearth furnace. 19,935; Apr. 21.
- Loughlin, William D. (See Drake, F. H., and Loughlin.)
- Lower, Nathan M., Ramsey, N. J., assignor to The Standard Stoker Company, Incorporated. Locomotive tender. 20,062; Aug. 11, 1936.
- Lundholm, Gustaf W., Stockholm, Sweden, assignor to W. G. Eavestaff & Sons Limited, London, England. Miniature upright piano. 20,144; Oct. 27.
- Luning, George W. (See Groene, W. F., and Luning.)
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Cover for spare tires of automobiles. 20,220; Dec. 29.
- Lyon Incorporated. (See Lyon, George A., assignor.)
- MacFarland, L. W. (See Myers, J. W., and Murray, assignors.)
- Machlet, Adolph W., Elizabeth, N. J. Carburizing process. 19,936; Apr. 21.
- Macksoud, Michel E., St. Albans, N. Y., assignor to The Electron Corporation, East Orange, N. J. Combined amplifying and rectifying system. 20,221; Dec. 29.
- Macready, George A., Los Angeles, Calif. Apparatus for obtaining samples from drilled wells. 19,963; May 12.
- Mallory, Marion, Detroit, Mich., assignor to The Mallory Research Company. Engine ignition system. 19,937; Apr. 21.
- Mallory Research Company, The. (See Mallory, Marion, assignor.)
- Malm, Henry, New York, N. Y. Footwear. 19,809; Jan. 7.
- Marchant, Guy O., et al. (See Walker, Jay P., assignor.)
- Marden, John W. (See Lederer, E. A., and Marden.)
- Marsh, Charles W., assignor to Chas. W. Marsh Company, Muskegon, Mich. Oil seal. 20,145; Oct. 27.
- Marsh, Chas. W., Company. (See Marsh, Charles W., assignor.)
- Marshall, James H., assignor to F. E. Campbell, Hamlet, N. C. Hat brim protector. 19,955; May 5.
- Martin, John R., assignor to J. S. Abercrombie, Houston, Tex. Blowout preventer and support. 20,017; June 23.
- Marvel Carbureter Company. (See Kirby, Charles H., assignor.)
- Mason, Clesson E., assignor to The Foxboro Company, Foxboro, Mass. Control mechanism. 20,092; Sept. 1.
- Massolle, Joseph, Gros-Glienke, near Cladow, Berlin, H. Vogt, Berlin-Dahlem, and J. Engl, Berlin Schmargendorf, Germany, assignors, by mesne assignments, to American Tri-Ergon Corporation, N. Y. Electron tube. 19,974; May 19.
- Mathey, Chester A., and P. F. Lewis, Tulsa, Okla., said Lewis assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Method of and apparatus for placing explosive charges. 20,191; Dec. 1.
- Mathieson Alkali Works, Inc., The. (See Cunningham, George L., assignor.)
- May Oil Burner Corporation. (See Hall, Mora S., assignor.)
- Mayeda, Mitsuo. (See Okamoto, Y., and Mayeda.)
- McArthur, Warren, Jr., assignor, by mesne assignments, to Warren McArthur Corporation, Rome, N. Y. Furniture. 19,909; Mar. 31.
- McArthur, Warren, Corporation. (See McArthur, Warren, Jr., assignor.)
- McCahey, George F., assignor of one-half to W. C. Johnson, Providence, R. I. Core covering machine. 20,146; Oct. 27.
- McCanna, John F. (See Stickney, Charles A., assignor.)
- McCarthy, Lewis M., South Ozone Park, New York, N. Y. Garbage, ashes, and refuse disposal and land reclamation process. 20,056; Aug. 4.
- McCarty, Orin P., Pittsfield, Mass., assignor to General Electric Company. Transformer tap changing mechanism. 20,147; Oct. 27.
- McConkey, Montgomery W., Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 20,001; June 9.
- McCoy, Verl E., assignor to Wilson Engineering Corporation, Chicago, Ill. Continuous sludge removal method and apparatus. 19,881; Mar. 3.
- McDonough, Francis T. (See Moyer, A. F., and McDonough.)
- McIlvaine, Oran T., assignor to McIlvaine Patent Corporation, St. Charles, Ill. Thermionic tube. 20,048; July 28.
- McIlvaine Patent Corporation. (See McIlvaine, Oran T., assignor.)
- McKinstry, Bruce L., Entiat, Wash. Fruit press. 19,838; Jan. 28.
- McKnight, Clarence B., Los Angeles, Calif. Tire and wheel construction. 19,939; Apr. 21.
- McMullen, Robert M. (See Glunz, Henry F., assignor.)
- McNutt, James F., Cleveland, Ohio, assignor to The American Decal Corporation, Youngstown, Ohio. Decalcomania. 19,839; Jan. 28.
- McPherson, Bruce, Greenville, S. C. Cigarette package. 20,173; Nov. 17.
- Merco Nordstrom Valve Company, et al. (See Browne, Frank A., assignor.)
- Merrill, Albert D., assignor to Chemipulp Process Inc., Watertown, N. Y. Treatment of digestion liquors. 20,200; Dec. 8.
- Merrill, Patterson D., assignor to M. B. Skinner Co., South Bend, Ind. Pipe joint sealing means. 19,938; Apr. 21.
- Messinger Devices, Incorporated. (See Messinger, L. H., Jr., assignor, and Riker.)
- Messinger, Lester H., Jr., Trumbull, Conn., and A. L. Riker, deceased, late of Fairfield, Conn., by A. L. Riker, Fairfield, Conn., assignee, said Messinger assignor to Messinger Devices, Incorporated. Attachment for internal combustion engines. 19,828; Jan. 21.
- Meusy, Eugene E., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Gas cock. 19,810; Jan. 7.
- Michelin & Cie. (See Bourdon, Pierre M., assignor.)
- Mickles, Lovell G. (See Boucher, Charles P., assignor.)
- Midland Steel Products Company, The. (See Crowe, James H., assignor.)
- Milbert Company. (See Cohen, Harry, assignor.)
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Machine and method for forming externally toothed machine elements. 20,063; Aug. 11.
- Miller, Herbert E., assignor to Utilities Service Company, Inc., Allentown, Pa. Guy wire protector. 19,845; Feb. 4.
- Miller, Wilber B., Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Coated welding rod. 20,102; Sept. 8.
- Milwaukee Gas Specialty Company. (See Meusy, Eugene E., assignor.)
- Molins Machine Company. (See Cole, William, assignor.)
- Molins Machine Company Limited. (See Molins, Walter E., assignor.)
- Molins, Walter E., London, deceased, by Molins Machine Company Limited, Depford, London, England, assignee. Method and machine for making filter plugs or wads for cigarettes. 20,138; Oct. 20.
- Monarch Development Company. (See Hadsel, Alvah D., assignor.)
- Moore, George D., and J. F. Beaumont, Worcester, Mass. Mixing device. 19,811; Jan. 7.
- Moore, John E., and G. W. Chenicek, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Automatic engler distillation apparatus. 19,824; Jan. 14.
- Moore, Lee C., Tulsa, Okla. Oil field derrick post. 19,982; May 26.
- Moritz, Adrian J. L., and J. J. Schilthuis, assignors American Enka Corporation, Enka, N. C. Manufacture of artificial silk and by-product recovery therefrom. 20,079; Aug. 25.
- Moser, Jesse R. (See Cochran, R. S., and Moser.)
- Motsinger, Armand V., Aberdeen, Md. Gas mask head harness. 20,211; Dec. 22.
- Mowery, Leroy D. (See Hauserman, E. F., Mowery, and Bohnsack.)
- Moyer, Amos F., Minneapolis, Minn., and F. T. McDonough, deceased, Madison, Wis., by Precision Balancing Machine Company of Eau Claire, Wis., assignee, by mesne assignments. Balancing machine. 19,812; Jan. 7.
- Multicycol Pump & Engine Corporation. (See Hutchison, Miller R., Jr., assignor.)
- Murray, Ernest E. (See Myers, J. W., and Murray.)
- Myers, Joseph W., Philadelphia, Pa., and E. E. Murray, Jackson, Mich., assignors, by mesne assignments, of one-half to L. W. MacFarland, Long Island City, N. Y. Buffing wheel. 19,894; Mar. 17.
- Nashua Gummed & Coated Paper Company. (See Chabot, Ephraim H., assignor.)
- Nashua Gummed and Coated Paper Company. (See Gautier, T. R., and Nichols, assignors.)
- National Cash Register Company, The. (See Smith, Abraham, assignor.)
- National Fire Detector Corporation. (See Grison, Joseph, assignor.)
- National Nut Company of California. (See Kohler, Michael J., assignor.)
- Nelson, Adolph L., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Piston. 20,010; June 16.
- Neuhaus, Ralph, assignor to Hughes Tool Company, Houston, Tex. Lubricated plug valve. 20,093; Sept. 1.
- Newly Weds Baking Co. (See Schorno, Albert, assignor.)
- Newport Industries, Inc. (See Alexander, Joseph P., assignor.)
- News Projection Corporation. (See Eitzen, August D., assignor.)
- Nichols Engineering and Research Corporation. (See Hartley, Henry J., assignor.)
- Nichols, Harold E. (See Gautier, T. R., and Nichols.)



- Niemann, Frederick A., and K. F. Ziehm, assignors to Felt & Tarrant Mfg. Co., Chicago, Ill. Device for distribution of accounts. 19,994; June 2.
- Norton Company. (See Silven, Herbert A., assignor.)
- Oakes Products Corporation. (See Jandus, H. S., and Smith, assignors.)
- Oakes, William B., trustee et al. (See Durham, Hobart N., assignor.)
- Ober, Beverly, and E. H. Wight, assignors to The Oberphos Company, Baltimore, Md. Fertilizer. 19,825; Jan. 14.
- Oberphos Company, The. (See Ober, B., and Wight, assignors.)
- O'Brien, Joseph F. (See Vanorio, Joseph, assignor.)
- Ogden, Jacob W., Springdale, and Berthold Knauer, East Norwalk, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Means for setting and locking the printing and registering mechanisms of postage meter machines. 20,064; Aug. 11.
- Olds, Howard A. (See Wells, I. M., and Olds.)
- Old Town Company, The. (See Chapman, Ralph W., assignor.)
- Olsson, Elis, West Point, Va. Preparation of fibrous material. 20,065; Aug. 11.
- Ostertag, Julius, Stuttgart, Germany. Purification system for boilers. 20,105; Sept. 8.
- Otis Elevator Company. (See Grosvenor, Graham B., assignor.)
- Outboard Motors Corporation. (See Irgens, Finn T., assignor.)
- Ovolo Incorporated. (See Fousek, Joseph, assignor.)
- Paardcamp, John B., Brooklyn, N. Y. Container sealing and dispensing device. 20,174; Nov. 17.
- Padgett, Joseph E., and R. P. Lewis, Toledo, Ohio. Driving axle. 20,149; Oct. 27.
- Page, Albert E., Brooklyn, N. Y., assignor to Scott & Williams, Incorporated, New York, N. Y. Yarn cutter and clamp for knitting machines and operating same. 19,995; June 2.
- Palmer, Robert T. (See Anderson, S. M., and Palmer.)
- Paradise, Raymond P., Indianapolis, Ind. Nozzle. 19,913; Mar. 31.
- Parker, Leslie O., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Connector. 19,920; Apr. 7.
- Parker, Lloyd A., Long Beach, Calif., assignor to J. Grant, Los Angeles, Calif. Circulating head. 19,910; Mar. 31.
- Patent Securities Corporation. (See Tompkins, James G., assignor.)
- Peale, Richard, trustee et al. (See Durham, Hobart N., assignor.)
- Pease, William T., Huntington Park, assignor to Snow Manufacturing Co., Los Angeles, Calif. Gate valve construction. 20,071; Aug. 18.
- Pelzer, Harry L., Houston, Tex., assignor to Sinclair Refining Company, New York, N. Y. Cracking and coking hydrocarbon oils. 20,011; June 16.
- Perfect Circle Company, The. (See Krebs, Frank A., assignor.)
- Perkins, Karl D. (See Karr, A. D., and Perkins.)
- Permutit Company (1934), The. (See Pick, Eric, assignor.)
- Pfeiffer, William C., assignor to The Egly Register Company, Dayton, Ohio. Apparatus for handling multiple paper strips. 19,871; Feb. 25.
- Pick, Eric, New York, N. Y., assignor to The Permutit Company (1934), Wilmington, Del. Heat exchanger. 20,139; Oct. 20.
- Pistilli, Joseph C., Meriden, Conn. Belting. 20,148; Oct. 27.
- Pitney-Bowes Postage Meter Co. (See Ogden, J. W., and B. Kneuer, assignors.)
- Poeter, E., & Co. (See Poeter, Edward, assignor.)
- Poeter, Edward, assignor to E. Poeter & Co., Irvington, N. J. Handbag frame. 20,160; Nov. 3.
- Poor, Frederic H., deceased, Yonkers, N. Y., by Bucyrus-Erie Company, South Milwaukee, Wis., assignee. Power unit. 20,140; Oct. 20.
- Poppe, George W., Brooklyn, N. Y., assignor to Equitable Paper Bag Co., Inc. Paper bag and process and machine for making same. 19,921; Apr. 7.
- Power, Laurence E., assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Applying insulator coating. 20,117; Sept. 22.
- Precision Balancing Machine Company. (See Moyer, A. F., and McDonough.)
- Pressed Steel Company Limited. (See Swallow, William, assignor.)
- Prey, Arthur H., assignor to The Carborundum Company, Niagara Falls, N. Y. Rotary bonded abrasive articles. 20,012; June 16.
- Pritchard, William S., Mount Vernon, assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Tape puller. 20,130; Oct. 13.
- Radio Corporation of America. (See Alexanderson, Ernst F. W., assignor.)
- Radio Corporation of America. (See Black, Knox C., assignor.)
- Radio Corporation of America. (See Drake, F. H., and Loughlin, assignors.)
- Radio Corporation of America. (See Farnham, Paul O., assignor.)
- Radio Corporation of America. (See Finch, James L., assignor.)
- Rado, Leopold, Berlin, Germany. Corner holder for pictures or the like. 19,983; May 26.
- Ranco Incorporated. (See Raney, Estel C., assignor.)
- Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Refrigerator control. 20,212; Dec. 22.
- Rankow, Harry A. (See Viall, W. G., and Rankow.)
- Rauen, Carl F., Grosse Pointe, Mich. Automatic brake for power transmission systems. 19,882; Mar. 3.
- Reilly, Alfred, assignor to Evans Case Company, North Attleboro, Mass. Vanity case. 20,222; Dec. 29.
- Reilly, John L., Claremont, N. H., assignor to Sullivan Machinery Company. Drill steel guide. 20,131; Oct. 13.
- Rennert, John E. (See Allen, S. E., and Rennert.)
- Rice, Edward, Jr., New York, N. Y., assignor to International Carbonic, Inc., Wilmington, Del. Method and apparatus for refrigeration. 19,950; Apr. 28.
- Richter, Herman W., assignor to Geo. O. Jenkins Co., Bridgewater, Mass. Leatherboard product and making the same. 20,184; Nov. 24.
- Rieke Metal Products Corporation. (See Rieke, Theodore W., assignor.)
- Rieke, Theodore W., Auburn, Ind., assignor to Rieke Metal Products Corporation. Fitting for containers. 19,956; May 5.
- Riker, Andrew L. (See Messinger, L. H., Jr., and Riker.)
- Riviere, Albert S., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 20,161; Nov. 3.
- Robbins, William H., Delray Beach, Fla., assignor to The Williams Company, London, Ohio. Polishing device. 20,002; June 9.
- Robertson, Harold F., Coraopolis, Pa., assignor to Union Carbide and Carbon Corporation. Making films and the like and products thereby made. 20,080; Aug. 25.
- Rolscreen Company. (See Kuyper, Peter H., assignor.)
- Romey, Reuben, J., Salt Lake City, assignor to Cheezits Corporation, Salt Lake City, Utah. Cooking edibles. 20,040; July 21.
- Ronning, Adolph, and A. G. Ronning, deceased, by J. and A. Ronning, joint executors; said A. and A. G. Ronning, assignors to Ronning Machinery Company, Minneapolis, Minn. Combination tractor grader. 19,846; Feb. 4.
- Ronning, Andean G. (See Ronning, Adolph and A. G.)
- Ronning, Jacob. (See Ronning, Adolph and A. G.)
- Ronning Machinery Company. (See Ronning, Adolph and A. G., assignors.)
- Rosenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillation circuit for electric waves. 20,189; Dec. 1.
- Rosenberg, May, West Hartford, Conn. Treating tobacco. 19,984; May 26.
- Rosenfield, William B. (See Goodman, Glenn W.)
- Rubenstein, Jacob H., Syracuse, N. Y. Wireless transmission system. 19,834; Jan. 21.
- Ruess, Royce A. (See Krautzberger, Albert, assignor.)
- Russell & Stoll Company. (See Horn, Emil A., assignor.)
- Sachs, Joseph, West Hartford, Conn. Automatic circuit breaker. 20,018; June 23.
- Sanford, Roy S., New York, N. Y., assignor, by mesne assignments, to Bendix Brake Company, Chicago, Ill. Vehicle brake. 19,872; Feb. 25.
- Sassen, Bernard, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Pattern controlled die-sinking machine. 19,985; May 26.
- Sawyer, Charles B., Cleveland Heights, assignor, by mesne assignments, to The Brush Development Company, Cleveland, Ohio. Piezoelectric device. 20,213; Dec. 22.
- Sawyer, Charles B., and B. Kjellgren, Cleveland Heights, assignors to The Brush Beryllium Company, Cleveland, Ohio. Obtaining beryllium and aluminum compounds. 20,214; Dec. 22.
- Schemmel, R. C., et al. (See Hall, William J., assignor.)
- Scherer, Charles W., Dayton, Ohio, assignor, by mesne assignments, to Frigidaire Corporation. Refrigerating apparatus. 19,964; May 12.
- Schiltuis, Jan J. (See Moritz, Adrian J. L.)
- Schlumberger, Conrad, deceased, by A. M. L. Doll, born Schlumberger, administratrix, Paris, France, said C. Schlumberger, assignor, by mesne assignments, to Schlumberger Well Surveying Corporation, Houston, Tex. Core taking device. 20,120; Sept. 29.
- Schlumberger Well Surveying Corporation. (See Schlumberger, Conrad, deceased.)
- Schorro, Albert, Detroit, Mich., assignor, by mesne assignments, to Newly Weds Baking Co. Ice cream roll cakes. 20,118; Sept. 22.
- Schröder, Einer and J. A. S. van Deurs, Frederiksburg, Denmark. Process and apparatus for the mechanical production of froth. 19,965; May 12.
- Schueler, J. L., trustees, et al. (See Schueler, Julian L., assignor.)
- Schueler, Julian L., Kokomo, Ind., assignor, by mesne assignments, to C. W. La Porte, Peoria, Ill., and J. L. Schueler, Kokomo, Ind., trustees. Continuous galvanizing. 20,049; July 28.
- Schultz, Henry O. (See Herzberg, A. A., Schultz, and Tumpak.)
- Schwarz, Elmer H. (See Stickney, Charles A., assignor.)
- Scott, Charles H., Ozone Park, assignor to The Dorr Company, Inc., New York, N. Y. Sedimentation apparatus. 20,072; Aug. 18.
- Scott & Williams, Incorporated. (See Page, Albert E., assignor.)
- Scrimgeour, William, Washington, D. C. Hollow forged valve and making the same. 20,014; June 23.
- Servel, Inc. (See Lipman, Carl E. L., assignor.)



- Sharples Specialty Company, The. (See Jones, Leo D., assignor.)
- Sherman Paper Products Corporation. (See Ives, Charles Q., assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Abendroth, Wilhelm, assignor.)
- Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Control mechanism for grinding machines. 20,127; Oct. 6.
- Silver, Harold F., Salt Lake City, Utah, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Dry cleaning apparatus. 19,986; May 26.
- Simonds, Herbert R., Oakwood, assignor to Simonds Worden White Company, Dayton, Ohio. Balancing abrasive wheels and wheels thereby balanced. 20,207; Dec. 15.
- Simonds Worden White Company. (See Simonds, Herbert R., assignor.)
- Simons, Walter R., Los Angeles, Calif. Building construction. 20,188; Dec. 1.
- Sinclair Refining Company. (See Isom, Edward W., assignor.)
- Sinclair Refining Company. (See Pelzer, Harry L., assignor.)
- Sivon, Charles A. (See Sivon, Stephen U., and C. A.)
- Sivon, Stephen U., Ravenna, and C. A. Sivon, Painesville, Ohio. Phimosi hemostatic forceps. 20,201; Dec. 8.
- Skinner, Clifton R., San Francisco, Calif. Sound recording system. 20,053; Aug. 4.
- Skinner, M. B., Co. (See Merrill, Patterson D., assignor.)
- Skorstad, James B. (See Adsit, Frank W., assignor.)
- Slayter & Company. (See Slayter, Games, assignor.)
- Slayter, Games, Newark, Ohio, assignor to Slayter & Company, Chicago, Ill. Heat insulating. 19,929; Apr. 14.
- Smellie, Donald G., Canton, Ohio, assignor to The Hoover Company. Suction cleaner agitator. 20,073; Aug. 18.
- Smith, Abraham, Erie, Pa., assignor to the National Cash Register Company. Bookkeeping machine. 20,167; Nov. 10.
- Smith, Anthony N., assignor, by mesne assignments, to The Girard Manufacturing Company, Girard, Pa. Transformer. 19,957; May 5.
- Smith, Frederick A. (See Jandus, H. S., and Smith.)
- Smith, Frederick A., North Chicago, Ill., assignor to Houde Engineering Corporation, Buffalo, N. Y. Adjustable window wing. 20,132; Oct. 13.
- Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Refrigerating and air conditioning apparatus. 19,901; Mar. 24.
- Smith, Ralph E., assignor to The Galion Metallic Vault Company, Galion, Ohio. Hydraulic hoist lever construction. 20,013; June 16.
- Snow Manufacturing Co. (See Pease, William T., assignor.)
- Societe Ateliers de Constructions Electriques de Delle. (See Clerc, André, assignor.)
- Society of Chemical Industry in Basle. (See de Montmolin, G., Danuser, Bonhôte, and Johnner, assignors.)
- Soller, Arnold. (See Sprague, P. T., and Soller.)
- Sommer, Albert, Zurich, Switzerland, assignor to T. R. C. Corporation, Wilmington, Del. Method and apparatus for producing pulverulent building material with bituminous constituents. 20,119; Sept. 22.
- Sonotone Corporation. (See Kranz, Frederick W., assignor.)
- Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Axle casing and making the same. 20,103; Sept. 8.
- Sperry Products, Inc. (See De Lanty, Loren J., assignor.)
- Sprague, Philip T., and A. Soller, assignors to The Hays Corporation, Michigan City, Ind. Pressure gauge. 19,902; Mar. 24.
- Springer, Ray W., Detroit, Mich. Antisqueak strip. 19,847; Feb. 4.
- Stahl, Frank E., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Lockingly engaging coating elements. 20,074; Aug. 18.
- Standard Mailing Machines Company. (See Storck, Frederick W., assignor.)
- Standard Oil Company. (See Moore, J. E., and Chenicek, assignors.)
- Standard Steel Works. (See Bliss, Carl G., assignor.)
- Standard Stoker Company, The. (See Lower, Nathan M., assignor.)
- Standlee, Harvey R., Tulsa, Okla., assignor to The Griberson Corporation, Dallas, Tex. Well spider. 19,852; Feb. 11.
- Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Motor controller. 19,853; Feb. 11.
- State, Will C., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Method and machine for building tires. 19,895; Mar. 24.
- Statter, Estella E., assignor to Humphrey Statter, Jr., Sioux City, Iowa. Sanitary napkin belt. 19,829; Jan. 21.
- Statter, Humphrey, Jr. (See Statter, Estella E., assignor.)
- Stein, Joseph A., Pittsburgh, Pa., assignor to Bacharach Industrial Instrument Company. Determining the combustible content in a gas mixture. 20,041; July 21.
- Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Fuse. 20,168; Nov. 10.
- Steudel, Erich O., Chicago, Ill. Cake plate. 19,813; Jan. 7.
- Stickney, Charles A., deceased, by J. F. McCanna, assignee, Rockford, Ill., assignor to E. H. Schwarz, Englewood, N. J. Frigid unit. 20,150; Oct. 27.
- Stivender, Paul M., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Control system. 19,966; May 12.
- Stokes, Charles L., Beverly Hills, Calif., assignor, by mesne assignments, to L. A. Williams, Evanston, and C. C. Bradbury, Glencoe, Ill., successor trustees. Automatic fuel regulator. 20,112; Sept. 15, 1936.
- Stonebraker, Fred, Sr., assignor of one-fourth to E. H. Curtiss and one-fourth to H. R. Collins, San Diego, Calif. Display sign. 20,104; Sept. 8.
- Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Apparatus for duplicating imprinted matter. 19,951; Apr. 28.
- Strobel, Karl, Whittier, Calif., assignor to Karl Strobel Corporation, Puente, Calif. Electric arc cutting machine. 20,035; July 14.
- Strobel, Karl, Corporation. (See Strobel, Karl, assignor.)
- Sturtevant, B. F., Company. (See Anderson, S. M., and Palmer.)
- Sullivan Machinery Company. (See Holmes, Morris P., assignor.)
- Sullivan Machinery Company. (See Reilly, John L., assignor.)
- Superheater Company, The. (See Barnes, John A., assignor.)
- Surface Combustion Corporation. (See Cochran, R. S., and Moser, assignors.)
- Swallow, William, Headington, Oxford, England, assignor to Pressed Steel Company, Limited, Cowley, Oxford, England. Vehicle. 19,975; May 19.
- Swarovski, Daniel, Wattens, Tyrol, Austria. Articles of jewelry and ornaments. 20,193; Dec. 8.
- Swezey, William F., Cleveland, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Refrigerating apparatus. 19,988; May 26.
- Swift, George W., Jr., assignor to George W. Swift, Jr., Inc., Bordentown, N. J. Variable speed cutting mechanism. 19,989; May 26.
- Swift, George W., Jr., Inc. (See Swift, George W., Jr., assignor.)
- T. R. C. Corporation. (See Sommer, Albert, assignor.)
- Tarbox, John P., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Automobile body and mounting therefor. 20,176; Nov. 17.
- Taylor, James Y., Southbridge, Mass., assignor, by direct and mesne assignments, to Educational Laboratories, Inc., Brownwood, Tex. Educational device and method for the treatment of eyes. 20,223; Dec. 29.
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Roosenstein, Hans O., assignor.)
- Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and blade. 20,185; Nov. 24.
- Textile Machine Works. (See Gastrich, Gustav, assignor.)
- Thoma, Hans, Karlsruhe, Germany. Hydraulic pump and motor. 20,026; June 30.
- Thrush, H. A., & Co. (See Thrush, Homer A., assignor.)
- Thrush, Homer A., assignor to H. A. Thrush & Co., Peru, Ind. Hot water heating system. 19,873; Feb. 25.
- Thwaites, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Drop frame tank trailer. 20,038; July 21.
- Thwaites, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Running board and hose carrier. 20,039; July 21.
- Tompkins, James G., assignor, by mesne assignments, to Patent Securities Corporation, Los Angeles County, Calif. Hose supporter. 19,930; Apr. 14.
- Tone, Frank J., assignor to The Carborundum Company, Niagara Falls, N. Y. Method and apparatus for drying freshly printed webs. 20,015; June 23.
- Traitel Marble Company, The. (See Calkins, Seward H., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Curtis, Kenneth L., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Pritchard, William S., assignor.)
- Trew, Arthur S., Detroit, Mich., assignor to Burroughs Adding Machine Company. Adding machine and the like. 19,917; Apr. 7.
- Trico Products Corporation. (See Hueber, H., and Horton, assignors.)
- Tucker, Lawrence H., Hapeville, Ga. Combined vehicle signal. 19,990; May 26.
- Tumpak, John S. (See Herzberg, A. A., Schultz, and Tumpak.)
- Union Carbide and Carbon Corporation. (See Miller, Wilber B., assignor.)
- Union Carbide and Carbon Corporation. (See Robertson, Harold F., assignor.)
- Union Special Machine Company. (See Riviere, Albert S., assignor.)
- Union Switch & Signal Company, The. (See Baumgartner, Godfrey, assignor.)
- United Iron Works. (See Aisenstein, Michael D., assignor.)
- United States Envelope Company. (See Goder, Max, assignor.)
- United States Envelope Company. (See Kennedy, George H., Jr., assignor.)



- Universal Oil Products Company. (See Alther, Joseph G., assignor.)
- Universal Oil Products Company. (See Benedict, Wayne L., assignor.)
- Universal Oil Products Company. (See Egloff, Gustav, assignor.)
- Universal Oil Products Company. (See Kirschbraun, Lester, assignor.)
- Urschel, William E., Valparaiso, Ind. Mechanical movement. 20,151; Oct. 27.
- Utilities Service Company. (See Miller, Herbert E., assignor.)
- Vaco Products, Inc. (See Hoy, Harry L., assignor.)
- Van Billiard, Lewis H., Bridgeport, Conn., assignor to General Electric Company. Assembly of electrical apparatus. 20,224; Dec. 29.
- Van Deurs, Jan A. S. (See Schröder, E. and van Deurs.)
- Vanorio, Joseph, Mount Vernon, N. Y., assignor of one-fifth to J. F. O'Brien, Englewood, N. J. Water heating apparatus for house heating systems. 20,175; Nov. 17.
- Vapor Treating Processes, Inc. (See Lachman, Arthur, assignor.)
- Viall, William G., Bloomfield, N. J., and H. A. Rankow, Bronx, N. Y. Shaving instrument. 20,169; Nov. 10.
- Victor, John H., Wilmette, Ill., assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Skeleton metal-backed gasket. 19,874; Feb. 25.
- Victor Manufacturing & Gasket Company. (See Victor, John H., assignor.)
- Vogel, Max, Frankfort-on-the-Main, Germany. Envelope. 10,883; Mar. 3.
- Vogt, Hans. (See Massolle, J., Vogt, and Engl.)
- W-K-M Company. (See Laurent, Milton P., assignor.)
- Wachter, Frank C. (See Keefer, C. E., and Wachter.)
- Walker, Jay P., assignor of forty per cent to G. O. Marchant and six per cent to C. G. Wells, Tulsa, Okla. Liquid and gas separation. 20,051; July 28.
- Walker Manufacturing Company. (See Bate, John W., assignor.)
- Walser, Joseph J., deceased, late of Ann Arbor, Mich., by The Goss Printing Press Company, Chicago, Ill., assignee. Stereotype platemaking machine. 19,861; Feb. 18.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Slicing machine. 19,830; Jan. 21.
- Walworth Patents, Inc., et al. (See Browne, Frank A., assignor.)
- Warneke, Roman C., Fort Wayne, Ind., assignor to General Electric Company. Refrigerating machine. 20,031; July 7.
- Watson, Glenn W., Binghamton, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Communication system. 20,052; July 28.
- Waukesha Universal Drill Head Company. (See Herzberg, A. A., Schultz, and Tumpak, assignors.)
- Weaver, Ray J., Shelby, Ohio, assignor to Hoof Products Company, Chicago, Ill. Suction controlled governor. 19,911; Mar. 31.
- Weber, Harry M., Newton, Mass., assignor to Ellis-Foster Company. Composition of matter comprising resin esters. 19,967; May 12.
- Weiner, Samuel N., Far Rockway, N. Y. Seam for garments. 19,968; May 12.
- Wells, C. G., et al. (See Walker, Jay P., assignor.)
- Wells, Ira M., Oakland, and H. A. Olds, San Francisco, Calif. Road working machine. 19,987; May 26.
- Western Electric Company. (See Bureau, Arthur A., assignor.)
- Western Electric Company. (See Cherry, G. L., and Lamlough, assignors.)
- Westinghouse Electric Elevator Company. (See Ellis, Charles E., Jr., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Butusov, Emil P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Crabbs, Herbert J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Gulliksen, Finn H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hanna, Clinton R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Jennings, Oliver S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Knowles, Dewey D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kucher, Andrew A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Swezey, William F., assignor.)
- Westinghouse Lamp Company. (See Lederer, E. A., and Marden, assignors.)
- Wettstein, August, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Fuel nozzle for oil furnaces. 20,027; June 30.
- Weymouth, Frederick R., Buffalo, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Airplane shock absorber. 19,931; Apr. 14.
- Wheeler, Lena P. (See Curtiss, Glenn H.)
- Whitcomb, Arthur J. (See Fox, G., and Whitcomb.)
- White, William J., Chicago, Ill. File. 20,081; Aug. 25.
- Whiteley, Frank A., Covington, Ky. Device for conditioning air. 20,208; Dec. 15.
- Wight, Edward H. (See Ober, B., and Wight.)
- Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 19,814; Jan. 7.
- Wiles, Sydney T., deceased, by Buffalo Electric Furnace Corporation, Buffalo, N. Y., by mesne assignee. Electrothermic reduction of iron ores. 20,128; Oct. 6.
- Wilkes, John E., Paulsboro, N. J. Receptacle cleaning apparatus. 19,918; Apr. 7.
- Will & Baumer Candle Co. (See Will, Howard C., assignor.)
- Will, Howard C., assignor to Will & Baumer Candle Co., Inc., Syracuse, N. Y. Sanctuary lamp. 19,912; Mar. 31.
- Williams Company, The. (See Robbins, William H., assignor.)
- Williams, Lynn A., et al. (See Stokes, Charles L., assignor.)
- Wilms, Gustav O. and A. J. Dawe, assignors to Allen-Bradley Company, Milwaukee, Wis. Electric switch. 20,094; Sept. 1.
- Wilson Engineering Corporation. (See McCoy, Verl E., assignor.)
- Wine Railway Appliance Company. (See Wine, William E., assignor.)
- Wine, William E., assignor to Wine Railway Appliance Company, Toledo, Ohio. Railway car. 20,121; Sept. 29.
- Winther, Anthony, Kenosha, Wis., assignor to M. P. Winther, trustee, Waukegan, Ill. Electromagnetic pole. 20,225; Dec. 29.
- Winther, Martin P., trustee. (See Winther, Anthony, assignor.)
- Witham, George S., Jr., Lincoln, N. H. Freeness indicator and recorder. 19,997; June 2.
- Wood, Henry A. Wise, assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Quick change splicing device. 19,958; May 5.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Automatic splicing device. 19,996; June 2.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Automatic splicing device. 20,050; July 28.
- Wood Newspaper Machinery Corporation. (See Wood, Henry A. W., assignor.)
- Woodall, Herbert J., assignor to Woodall Industries Incorporated, Detroit, Mich. Laminated panel and fabrication. 19,840; Jan. 28.
- Woodall Industries Incorporated. (See Woodall, Herbert J., assignor.)
- Woodruff, Graham C., Bronxville, N. Y., assignor to The L. C. L. Corporation. Interchangeable container freight car. 19,815; Jan. 7.
- Woodruff, Graham C., Bronxville, N. Y., assignor to The L. C. L. Corporation. Drop side container car. 19,831; Jan. 21.
- Woolf, John H., San Francisco, Calif. Refrigerated package. 20,215; Dec. 22.
- Wurzbach, Hugh E., and C. H. Konold, Magna, Utah. Electromagnetic vibrating apparatus. 19,816; Jan. 7.
- Wurzbach, Hugh E., and C. H. Konold, Magna, Utah. Electromagnetic vibrating apparatus. 19,817; Jan. 7.
- Yale Slot & Slug Company. (See Goetz, Harry, assignor.)
- Yingling, Frank B., assignor to C. J. Fitton, Hamilton, Ohio. Coal mining machine. 20,216; Dec. 22.
- York Ice Machinery Corporation. (See Light, Albert T., assignor.)
- Young, Charles J., Haverford, Pa., assignor to General Electric Company. Picture receiving apparatus. 20,152; Oct. 27.
- Ziehm, Kurt F. (See Niemann, F. A., and Ziehm.)
- Zimmer, Otto, deceased, by P. Zimmer, assignee, Gladbach-Rheydt, Germany. Corn holder. 20,113; Sept. 15.
- Zimmer, Paul. (See Zimmer, Otto.)
- Zimmers, Joseph B., et al. (See Hall, William J., assignor.)
- Zotos Corporation. (See Evans, Ralph L., assignor.)

## LIST OF PLANT PATENTEEES

Aicardi, Domenico, San Remo, Italy, assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 201; Oct. 13.

Anderson, Frederic W., Merced, Calif. Nectarine. 173; Apr. 7.

Armocost & Royston, Inc. (See Armocost, Walter L., assignor.)

Armocost, Walter L., Los Angeles, assignor to Armocost & Royston, Inc., Los Angeles, Calif. Rose. 180; June 9.

Aronowitz, Meyer. (See Kevitt, Tice C., assignor.)

Asmus, Edward R., Sr., Closter, N. J. Rose. 179; June 9.

Baker Bros. Company. (See Trauernicht, Erich C., assignor.)



- Balderston, 3d, Lloyd, Colora, assignor to Bountiful Ridge Nurseries, Princess Anne, Md. Apple tree. 168; Mar. 10.
- Barclay Nursery. (See Kevitt, Tice C.)
- Baur, Adolphe F. J., assignor to Baur-Steinkamp and Company, Incorporated, Indianapolis, Ind. Carnation. 198; Sept. 29.
- Baur-Steinkamp and Company. (See Baur, Adolphe F. J., assignor.)
- Bountiful Ridge Nurseries. (See Balderston, 3d, Lloyd, assignor.)
- Bourne, Benjamin A., Clewiston, Fla. Sugar cane. 203; Oct. 27.
- Bourne, Benjamin A., Clewiston, Fla. Sugarcane. 210; Dec. 29.
- Brownell, Josephine D., Little Compton, R. I. Rose. 200; Oct. 13.
- Conard-Pyle Company, The. (See de Vink, John, assignor.)
- Conard-Pyle Company, The. (See Dot, Pedro, assignor.)
- Conard-Pyle Company, The. (See Mallerin, Charles, assignor.)
- Cook, John, Incorporated, The. (See Cook, Joseph W., assignor.)
- Cook, Joseph W., assignor to The John Cook, Incorporated, Baltimore, Md. Rose bush. 192; Sept. 15.
- Cremer, Frank E., Hanover, Pa. Rose. 177; May 12.
- De Vink, John, Boskoop, Netherlands, assignor to The Conard-Pyle Company, West Grove, Pa. Rose. 169; Mar. 17.
- Dixie Rose Nursery. (See Watkins, Archibald F., assignor.)
- Dixie Rose Nursery, et al. (See Watkins, Archibald F., assignor.)
- Dot, Pedro, St. Feliu de Llobregat, Spain, assignor to The Conard-Pyle Company, West Grove, Pa. Rose. 174; Apr. 14.
- Dot, Pedro, St. Feliu de Llobregat, Spain, assignor to The Conard-Pyle Company, West Grove, Pa. Rose. 197; Sept. 29.
- Elliott, William C., Modesto, Calif. Peach. 166; Feb. 18.
- Florex Gardens, The. (See Lukens, George E., assignor.)
- Frey, Alois, San Fernando, Calif. Freesia. 196; Sept. 29.
- Gerber, Menno, Orrville, Ohio. Cherry variety. 164; Jan. 21.
- Greening Nursery Company. (See Le Duke, Lawrence B., assignor.)
- Hemmings, Shirley, Abington, Mass., assignor to Littlefield-Wyman Nurseries. Carnation. 193; Sept. 15.
- Hillock, Verne S., Arlington, Tex. Rose. 185; June 23.
- Hillock, Verne S., Arlington, Tex. Rose. Pl. Pt. 194; Sept. 15.
- Hiscox, Jesse F., East Patchogue, N. Y. Rose. 208; Nov. 24.
- Huber, Carlton E., Groesbeck, Ohio. Barberry plant. 189; Aug. 4.
- Jackson & Perkins Company. (See Aicardi, Domenico, assignor.)
- Jackson & Perkins Company. (See Mallerin, Charles, assignor.)
- Jackson & Perkins Company. (See Nicolas, Jean H., assignor.)
- Jackson and Perkins Company. (See Poulsen, Svend, assignor.)
- Jackson & Perkins Company. (See van Rossem, Gerard A., assignor.)
- Jackson & Perkins Company, et al. (See Watkins, Archibald F., assignor.)
- Johnston, Walter I., Portadown, Ireland, assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 190; Aug. 25.
- Kevitt, Tice C., Pompton Lakes, N. J., assignor to M. Aronowitz, doing business as Barclay Nursery, New York, N. Y. Grapevine. 195; Sept. 15.
- Kistler, Robert H., Houston, Tex. Rose. 183; June 16.
- Le Duke, Lawrence B., Lawrence, assignor to Greening Nursery Company, Monroe, Mich. Peach tree. 175; Apr. 28.
- Littlefield-Wyman Nurseries. (See Hemmings, Shirley, assignor.)
- Lukens, George E., assignor to The Florex Gardens, North Wales, Pa. Rose. 209; Dec. 8.
- Mallerin, Charles, Varcas, France, assignor to The Conard-Pyle Company, West Grove, Pa. Rose. 191.
- Mallerin, Charles, Varcas, France, assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 202; Oct. 13.
- Mayhew, Clarence C., assignor to Texas Nursery Company, Sherman, Tex. White chrysanthemum. 204; Nov. 17.
- Mayhew, Clarence C., assignor to Texas Nursery Company, Sherman, Tex. Bronze chrysanthemum. 205; Nov. 17.
- McKee, Ralph H., New York, N. Y. Hybrid poplar. 207; Nov. 17.
- Montgomery Company, The. (See Muller, Richard T., assignor.)
- Moore, Chester N., Schenectady, N. Y., assignor to General Electric Company. Regal lily. 165; Feb. 18.
- Muller, Richard T., Darien, Conn., assignor to The Montgomery Company, Incorporated, Hadley, Mass. Rose. 199; Sept. 29.
- Murray, William B., Atco, N. J. Hybrid tea rose. 181; June 9.
- Nicolas, Jean H., assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 171; Apr. 7.
- Nicolas, Jean H., assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 172; Apr. 7.
- Page, Stephen M., Port Arthur, Tex. Poinsettia. 176; Apr. 28.
- Poulsen, Svend, Copenhagen, Denmark, assignor to Jackson and Perkins Company, Newark, N. Y. Rose. 182; June 9.
- Schmidt, Paul, Youngstown, Ohio. Buddleia. 206; Nov. 17.
- Smith, Neville M., York, Pa. Ornamental cherry tree. 188; June 23.
- Spandikow, William, Jr., Maywood, Ill. Rose plant. 187; June 23.
- Spandikow, William, Jr., assignor to William Spandikow & Sons, Maywood, Ill. Rose. 167; Feb. 25.
- Spandikow, William, & Sons. (See Spandikow, William, Jr., assignor.)
- Sullivan, Charles E., Yuba City, Calif. Peach. 186; June 23.
- Texas Nursery Company. (See Mayhew, Clarence C., assignor.)
- Trauernicht, Erich C., assignor to Baker Bros. Company, Fort Worth, Tex. Pomegranate. 184; June 16.
- Van Rossem, Gerard A., Naarden, Netherlands, assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 170; Apr. 7.
- Watkins, Archibald F., assignor to Dixie Rose Nursery, Tyler, Tex. Rose. 162; Jan. 21.
- Watkins, Archibald F., Tyler, Tex., assignor of one-half to Jackson & Perkins Company, Newark, N. Y., and one-half to Dixie Rose Nursery, Tyler, Tex. Rose. 163; Jan. 21.
- Wilber, Rena E., Seattle, Wash. Rose. 178; June 2.



# LIST OF PATENTEEES

A. G. Vorm-Seidel & Naumann. (See Gebauer, Walter, assignor.)  
 A. P. W. Paper Co. Inc. (See Farichild, William, assignor.)  
 A/S. Den Norske Remfabrik. (See Neerbye, Willy, assignor.)  
 A/S Elektrisk Bureau. (See Meier, Erling, assignor.)  
 A. & S. Shoe Engineering Co. (See Aronov, P., and Scott, assignors.)  
 A and Z Chain Company. (See Dalo, John, assignor.)  
 A and Z Chain Company. (See Johnson, Sylvester A., assignor.)  
 Aalborg, Christian. (See Conrad, F., and Aalborg.)  
 Aalborg, Christian. (See Conrad, F., Aalborg, and French.)  
 Aalborg, Christian, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit controlling apparatus. 2,039,376; May 5.  
 Aalto, Alvar, Helsinki, Finland. Bending wood. 2,042,976; June 2.  
 Aamott, Thoralf, Westerleigh, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Tuned vibrating system. 2,030,421; Feb. 11.  
 Aanesen, Finn and T. Lindboe, Oslo, Norway. Sticking of strips. 2,062,280; Dec. 1.  
 Aarni, Hannes, et al. (See Satugangas, Hannes, assignor.)  
 Aaronson, Harry B., Camden, N. J., assignor to H. Brinton Company, Philadelphia, Pa. Stripper for knitting machines. 2,059,076; Oct. 27.  
 Abadie, Jean-Baptiste J. M., Paris, France. Device for applying luminescent tubes to power transmission lines. 2,030,491; Feb. 11.  
 Abadie, Ivan V., Auburn, assignor to Leland-Gifford Company, Worcester, Mass. Fuel burning system and apparatus therefor. 2,056,702; Oct. 6.  
 Abate, Antonio G., Napa, Calif. Carburetor air intake and vaporizer. 2,029,210; Jan. 28.  
 Abbe, Earl C., Longmeadow, Mass. Making piston pins. 2,049,411; Aug. 4.  
 Abbe, Earl C., Longmeadow, assignor to Moore Drop Forging Company, Springfield, Mass. Making hinge leaves. 2,031,244; Feb. 18.  
 Abbey, Archie L., Flagstone, British Columbia, Canada. Gate. 2,044,658; June 16.  
 Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Electric heating unit. 2,036,788; Apr. 7.  
 Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Electric terminal connection. 2,046,102; June 30.  
 Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Electric heater. 2,053,933; Sept. 8.  
 Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Electric soldering iron. 2,064,645; Dec. 15.  
 Abbott, Charles W., Larchmont, N. Y., assignor to The Bryant Electric Company, Bridgeport, Conn. Apparatus for applying conduits. 2,065,298; Dec. 22.  
 Abbott, Charles W., Larchmont, N. Y., assignor to The Bryant Electric Company, Bridgeport, Conn. Conduit construction. 2,066,242; Dec. 29.  
 Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Winding machine. 2,028,140; Jan. 21.  
 Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Apparatus for fluid treating fibrous materials. 2,031,588; Feb. 25.  
 Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Drying fibrous masses. 2,039,285; May 5.  
 Abbott, Ernest J., and F. A. Firestone; said F. A. Firestone assignor to Regents of the University of Michigan, Ann Arbor, Mich. Apparatus for determining roughness of surfaces. 2,048,154; July 21.  
 Abbott, Henry H., Yonkers, N. Y., assignor to American Telephone and Telegraph Company. Stock quotation system. 2,060,545; Nov. 10.  
 Abbott, Henry H., Yonkers, N. Y., and N. D. Newby, Woodridge, N. J., assignors to American Telephone and Telegraph Company. Telephone system. 2,037,106; Apr. 14.  
 Abbott, John, trustees et al. (See Pratt, William B., assignor.)  
 Abbott, Joseph, C. W. Fast and T. J. Abbott, Winnipeg, Manitoba, Canada; said Fast assignor to said Joseph Abbott and said Thomas J. Abbott. Pool and billiard table. 2,047,048; July 7.  
 Abbott Laboratories. (See Raiziss, G. W., and Kremens, assignors.)  
 Abbott Laboratories. (See Ravenscroft, Edward A., assignor.)  
 Abbott Laboratories. (See Volwiler, E. H., and Vliet, assignors.)  
 Abbott Machine Company. (See Abbott, Edward J., assignor.)

Abbott, Owen C., and F. A. Faust, assignors to The Bristol Company, Waterbury, Conn. Control system having stabilizing and anticipatory features. 2,062,437; Dec. 1.  
 Abbott, Robert N., Philadelphia, Pa., assignor to Manifold Vacuum Valve Corporation. Auxiliary air inlet valve. 2,044,342; June 16.  
 Abbott, Thomas A., Marblehead, and A. T. Sinks, Beach Bluff, Mass., assignors to General Electric Company. Volt-ampere hour meter. 2,048,534; July 21.  
 Abbott, Thomas J. (See Abbott, J., Fast, and Abbott.)  
 Abegg, Walter A., Los Angeles, Calif. Packing for joints. 2,046,597; July 7.  
 Abegg, Walter A., assignor of one-half to B. Reinhold, Los Angeles, Calif. Rotary disk bit. 2,046,598; July 7.  
 Abegglen, Jean. (See Frischknecht, E., and Abegglen.)  
 Abel, Walter T., West Cheshire, assignor to The Patent Button Company, Waterbury, Conn. Machine for making button backs and the like. 2,042,375; May 26.  
 Abele, Richard P. (See Vandever, James R., assignor.)  
 Abele, Richard P., Tulsa, Okla. Circulating oil well heater. 2,035,381; Mar. 24.  
 Abele, Richard P., Tulsa, Okla. Heater for oil wells. 2,035,382; Mar. 24.  
 Abell, Arthur H., New York, N. Y. Starter for engines. 2,064,099; Dec. 15.  
 Abell, Leonard H., Sycamore, Ill. Cow's tail holder. 2,053,388; Sept. 8.  
 Abendroth, Otto A. (See Abendroth, Paul J. and O. A., and Wessenberg.)  
 Abendroth, Paul J. and O. A., Appleton, and W. Wessenberg, Menasha, Wis. Apparatus for making wire fabric seams. 2,049,187; July 28.  
 Abercrombie & Fitch Company. (See Baxter, William F., assignor.)  
 Aberle, H. C., Company. (See Reuther, Frank G., assignor.)  
 Abernethy, Harry D., Lakewood, Ohio. Railway track circuit apparatus. 2,040,969; May 19.  
 Abernethy, Julius W., S. J. Smyer, and A. B. Kuhn, New ton, N. C. Method and composition for treating friction fabric. 2,037,189; Apr. 14.  
 Aberson, Nathaniel L., Detroit, Mich. Multiple unit facing wall. 2,053,412; Sept. 8.  
 Abilene Cotton Oil Company. (See Mackenzie, Alexander S., assignor.)  
 Abkowitz, Harold E., New Castle, and F. H. Freshwater, Pittsburgh, assignor to Koppel Industrial Car and Equipment Company, Koppel, Pa. Mine car. 2,051,538; Aug. 18.  
 Ableson, Harold H. (See Dalziel, G. A., and Ableson.)  
 Aborn, Robert H. (See Bain, E. C., and Aborn.)  
 Abraham, Herbert, assignor to The Ruberoid Co., New York, N. Y. Shingle. 2,047,161; July 7.  
 Abraham, Herbert, assignor to The Ruberoid Co., New York, N. Y. Flexible shingle. 2,050,218; Aug. 4.  
 Abraham, Leonard G. (See Nyquist, H., Wright, and Abraham.)  
 Abraham, Leonard G. (See Wright, S. B., and Abraham.)  
 Abraham, Leonard G., Madison, N. J., assignor to American Telephone and Telegraph Company. Transmission gain control. 2,037,107; Apr. 14.  
 Abraham, Leonard G., Madison, N. J., assignor to American Telephone and Telegraph Company. Two-way signaling system. 2,060,008; Nov. 10.  
 Abraham, Leonard G., Madison, and D. Mitchell, Bound Brook, N. J., assignors to American Telephone and Telegraph Company. Telephone transmission circuit. 2,040,970; May 19.  
 Abraham, Leonard G., Madison, and A. F. Grenell, Montclair, N. J.; said Abraham assignor to American Telephone and Telegraph Company, and said Grenell assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,060,843; Nov. 17.  
 Abrahams, Alexander I., New York, N. Y. Wave translating device. 2,066,133; Dec. 29.  
 Abrahams, Jacob M. (See Gottschalk, M., and Abrahams.)  
 Abrahams, Samuel A., Redwood City, assignor to Plant Rubber & Asbestos Works, San Francisco, Calif. Manufacturing basic magnesium carbonate. 2,027,714; Jan. 14.  
 Abrahamson, Gunnar V., et al. (See Nelson, Oscar C., assignor.)  
 Abram, Ernest S., Heaton Chapel, Stockport, assignor of one-half to Harry Eva, Stockport, England. Bathing cap. 2,033,802; Mar. 10.  
 Abrams, Allen, and C. L. Wagner, Wassau, assignors to Marathon Paper Mills Company, Rothschild, Wis. Sheet or film forming, or coating composition and preparing the same. 2,054,112; Sept. 15.  
 Abrams, Allen, and C. L. Wagner, Wassau, assignors to Marathon Paper Company, Rothschild, Wis. Coated sheet material. 2,054,113; Sept. 15.



- Abrams, Allen, and C. L. Wagner, Wausau, assignors to Marathon Paper Mills Company, Rothschild, Wis. Forming flexible self-sustaining sheet material. 2,054,114; Sept. 15.
- Abrams, Allen, C. L. Wagner, and G. W. Forcey, Wausau, assignors to Marathon Paper Mills Company, Rothschild, Wis. Composition for coating, laminating, and film forming. 2,054,115; Sept. 15.
- Abrams, Allen, C. L. Wagner, and G. W. Forcey, Wausau, assignors to Marathon Paper Mills Company, Rothschild, Wis. Laminated sheet material. 2,054,116; Sept. 15.
- Abrams, Armand J. (See Curtis, H. A., and Abrams.)
- Abrams, Avel S. (See Abrams, I., and Pesakof, assignors.)
- Abrams, Isaac, Kings County, and N. Pesakof, Bronx County, assignors, by mesne assignments, to Avel S. Abrams, New York, N. Y. Steam generating electric iron. 2,059,620; Nov. 3.
- Abrams, Jack B., Chicago, Ill. Framed mirror. 2,031,627; Feb. 25.
- Abrams, John M., Brooklyn, N. Y. Safetypin. 2,030,674; Feb. 11.
- Abrams, Myer, Brooklyn, N. Y. Convertible garment. 2,064,399; Dec. 15.
- Abramson, Abraham, assignor to Raylite Trading Company, Inc., New York, N. Y. Christmas tree electric socket and support-holder. 2,057,078; Oct. 13.
- Abramson, Ernest L., assignor to Westco Pump Corporation, Davenport, Iowa. Pump. 2,034,549; Mar. 17.
- Abramson, Ernest L., Davenport, assignor to Micro-Westco, Inc., Bettendorf, Iowa. Pump. 2,056,553; Oct. 6.
- Abramson, Hugo, Lidings, Sweden. Indicator gear for measuring instruments and the like. 2,203,318; Mar. 10.
- Abramson, John H., and E. C. Swanson, assignor to Greenlee Bros. & Co., Rockford, Ill. Tubular boring tool. 2,027,139; Jan. 7.
- Abrasive Products, Inc. (See Walker, Charles R., assignor.)
- Accardi, Ferruccio, assignor to Fiat Società Anonima, Turin, Italy. All-metal automobile door. 2,056,440; Oct. 6.
- Accetta, Anthony C., Cleveland, Ohio. Artificial lure. 2,051,978; Aug. 25.
- Accles and Pollock Limited. (See Henderson, Leonard B., assignor.)
- Accounting Machines Ltd. (See Campos, Francisco, assignor.)
- Accounting and Tabulating Corporation, The. (See Baldwin, Richard E., assignor.)
- Accounting and Tabulating Corporation, The. (See Thomas, Arthur, assignor.)
- Accounting & Tabulating Corporation of Great Britain Limited, The. (See Gregory, C. W., and English, assignors.)
- Accounting & Tabulating Corporation of Great Britain Limited, The. (See Thomas, Arthur, assignor.)
- Accumulator Aktiebolaget Lefv Nobel. (See Hjelmblad, Karl W. J., assignor.)
- Accurate Spring Mfg. Company. (See Caestecker, Charles E., assignor.)
- Ace Carton Corporation. (See Berg, Edward C., assignor.)
- Ace Drill Company. (See Hayden, George D. and H. A., assignors.)
- Ace Fastener Corporation. (See Pankonin, William G., assignor.)
- Ace Fastener Corporation. (See Weber, William F., assignor.)
- Ace Racket Stringers (Foreign Rights) Limited. (See Proctor, James H., assignor.)
- Aceves, Julius G., New York, N. Y., assignor to Amy, Aceves & King, Inc., New York, N. Y. Duplex radio aerial system. 2,064,400; Dec. 15.
- Ach, Lorenz, Mannheim-Waldhof, and W. Dirscherl, Heidelberg, Germany, assignors to Rare Chemicals, Inc., Nepera Park, N. Y. Sexual hormone derivatives. 2,031,581; Feb. 25.
- Ach, Lorenz, and C. von Hofe, assignors to C. F. Boehringer & Soehne G. m. b. H., Mannheim, Waldhof, Germany. Derivatives of amino-quinolines and making same. 2,065,879; Dec. 29.
- Achauer, Charles V., Philo, and L. Price, Zanesville, Ohio, assignors to Hazel-Atlas Glass Company, Wheeling, W. Va. Apparatus for etching glass articles. 2,036,647; Apr. 7.
- Acheson Colloids Corporation. (See Syzmanowitz, Raymond, assignor.)
- Acheson, Marcus A., Schenectady, N. Y., assignor to General Electric Company. Water jacket for electric discharge devices. 2,061,415; Nov. 17.
- "Acidia." (See Boecker, Gustav, assignor.)
- Acieries De Gennevilliers Anciens Etablissements Delachaux. (See Delachaux, Clarence L., assignor.)
- Acken, Marshall F., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Concentrating sulphuric acid. 2,032,457; Mar. 3.
- Acker, Frank E., Warrensville Heights, Ohio. Curtain stretcher. 2,042,874; June 2.
- Acker, John T. (See Wilson, J. R., Acker, and Hartman.)
- Ackerman, Frank. (See Gould, H., and Ackerman.)
- Ackerman, Frank, University City, assignor to Curtis Manufacturing Company, St. Louis, Mo. Cleaning telephone switchboards. 2,043,278; June 9.
- Ackerman-Gould Corporation. (See Gould, H., and Ackerman, assignors.)
- Ackerman, James E., Devon, Conn., assignor to the Singer Manufacturing Company, Elizabeth, N. J. Hemmer attachment for sewing machines. 2,034,672; Mar. 17.
- Ackerman, James E., Devon, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Binding attachment for sewing machines. 2,043,943; June 9.
- Ackerman, James E., Devon, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Hem-folding and shaping device for sewing machines. 2,063,833; Dec. 8.
- Ackerman, William, Towners, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,051,803; Aug. 25.
- Ackermann, Franz. (See Graenacher, C., and Ackermann.)
- Ackermann, Franz. (See Graenacher, C., Ackermann, Landolt, and Geigy.)
- Ackermann, Franz, Binningen, near Basel, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Dyeing or coloring cellulose esters and cellulose ethers. 2,028,141; Jan. 21.
- Ackermann, Franz, Binningen, near Basel, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Dyeing or coloring cellulose esters and cellulose ethers. 2,031,356; Feb. 18.
- Acklen, Thomas E., Memphis, Tenn. Resuscitator. 2,036,248; Apr. 7.
- Ackles-Hornkohl Company. (See Hornkohl, C. J., and Depe, assignors.)
- Ackman, Howard E., and E. F. Carter, Emporium, Pa., assignors to Hygrade Sylvania Corporation, Salem, Mass. Space discharge tube. 2,047,944; July 21.
- Ackshand Knitting Co. (See Buchholz, William C., assignor.)
- Acly, Harry M. (See Treanor, E. D., and Acly, assignors.)
- Acme Air Appliance Company. (See Carliss, Albert E., assignor.)
- Acme Backing Corporation. (See Freyberg, Ralph M., assignor.)
- Acme Electric & Manufacturing Company, The. (See Comstock, J. A., and Dyer, assignors.)
- Acme Electric & Manufacturing Company, The, et al. (See Comstock, J. A., and Garstang, assignors.)
- Acme Industries, Inc. (See Forrer, J. D., and Prough, assignors.)
- Acme Machine Works. (See Richbourg, James W., assignor.)
- Acme Rayon Corporation. (See Huttinger, Charles A., assignor.)
- Acme Rayon Corporation. (See Huttinger, C. A., and Timlowski, assignors.)
- Acme Sheet Metal Works. (See Suhr, Herman, assignor.)
- Acme Steel Company. (See Bigelow, Loyal A., assignor.)
- Acme Steel Company. (See Campbell, Arthur T., assignor.)
- Acme Steel Company. (See Childress, William C., assignor.)
- Acme Steel Company. (See Henderson, Clarence S., assignor.)
- Acme Steel Company. (See MacChesney, Chester M., assignor.)
- Acme Steel Company. (See MacChesney, C. M., and Wilson, assignors.)
- Acme Steel Company. (See Ott, John E., assignor.)
- Acme Steel Company. (See Wilson, Allen B., assignor.)
- Acme Steel & Malleable Iron Works, Inc. (See Ahles, Carl C., assignor.)
- Acme Steel & Malleable Iron Works, Inc. (See Parker, Frank O., assignor.)
- Acme Tank Cleaning Process Corporation. (See Olsson, Bengt, assignor.)
- Accocella, Philip F., Brooklyn, N. Y. Manicuring implement. 2,056,379; Oct. 6.
- Acosta, Miguel B., Los Angeles, Calif. Flushing device for drains. 2,061,553; Nov. 24.
- Acousti-Lectric Company. (See Loar, Lloyd A., assignor.)
- Acoustograph Limited. (See Democratis, Achille, assignor.)
- Actiengesellschaft C. P. Goerz Optische Anstalt Actiova Spolencost K. P. Goerz opticky ustav. (See Petschenig, Karl, assignor.)
- Actiengesellschaft C. P. Goerz Optische Anstalt Actiova Spolencost K. P. Goerz Opticky Ústav. (See Raaber, Hans, assignor.)
- Activated Sludge Incorporated. (See Jones, E. R., Denton, and Coombs, assignors.)
- Acton, Frank, assignor to Francisco Auto Heater Company, Columbus, Ohio. Supporting means for automobile heaters. 2,049,792; Aug. 4.
- Acton, Russel D., Chicago, Ill., assignor to International Harvester Company. Tractor planter. 2,062,282; Dec. 1.
- Acus, George. (See Fisher, H. C., and Acus.)
- Acushnet Process Company. (See Young, Philip E., assignor.)
- Adair, Clark W., Imperial, Calif. Oscillating clothes washer. 2,039,508; May 5.
- Adair, Clark W., Chicago, Ill. Rotary steam friction motor. 2,043,788; June 9.
- Adair, John H., Amarillo, Tex. Highway-rail vehicle. 2,061,298; Nov. 17.
- Adair, Samuel E. (See Jenkins, J. E., and Adair.)
- Adam, Frank, Electric Co. (See Adam, Frederick B., assignor.)



- Adam, Frederick B., St. Louis County, assignor to Frank Adam Electric Co., St. Louis, Mo. Electrical outlet box. 2,033,602; Mar. 10.
- Adam, Geza. (See Nemeth, T., and Adam.)
- Adamant Engineering Company Limited. (See Matravets, Frederick G., assignor.)
- Adamcik, Mykas, also known as Michael Adamtchik, Aldwych, London, England. Ventilator. 2,056,757; Oct. 6.
- Adamczick, Kurt, et al. (See Herrmann, Ludwig, assignor.)
- Adams, A. J., et al. (See Harriman, William L., assignor.)
- Adams, Archibald G., and J. Bertain, Three Rivers, Quebec, Canada, assignors to International Paper Company, New York, N. Y. Core crimping machine. 2,056,380; Oct. 6.
- Adams, Arthur H., Yonkers, N. Y. Liquid treating masses of fibers and other fine solids. 2,044,458; June 16.
- Adams, Arthur H., deceased, Jasper, Minn., R. L. Palmer, administrator. Load supporting device for automobiles. 2,054,800; Sept. 22.
- Adams, Carl B., Oak, Calif. Fuel tank cap lock. 2,041,887; May 19.
- Adams, Chester E., Hammond, Ind., and F. W. Scheineman, assignors to Standard Oil Company, Chicago, Ill. Separation of wax from oils. 2,038,624; Apr. 28.
- Adams Company, The. (See Meyer, John B., assignor.)
- Adams, Earl E., East Helena, Mont. Automatic heating plant for solid fuel consumption. 2,041,449; May 19.
- Adams, Edwin G., The Dalles, Oreg. Hose support. 2,060,390; Nov. 10.
- Adams, Elmer W., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Dispensing of phenolphthalein in mineral lubricating oils. 2,063,575; Dec. 8.
- Adams, Elmer W., Hammond, Ind., and G. W. Flint, assignors to Standard Oil Company, Chicago, Ill. Hard water soluble oil. 2,039,377; May 5.
- Adams, Elmer W., and G. M. McNulty, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant for free-wheeling. 2,048,479; July 21.
- Adams, Elmer W., and T. H. Rogers, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Fluid-circulating cleaning composition. 2,063,972; Dec. 15.
- Adams, Everett E., and M. P. Blomberg, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Rail car. 2,056,228; Oct. 6.
- Adams, Floyd W., Madison, Me., assignor to The Barrett Company, New York, N. Y. Process and apparatus for forming tapered fibrous units. 2,048,045; July 21.
- Adams, Frank H., Cleveland Heights, assignor to The Cleveland Hobbing Machine Company, Cleveland, Ohio. Multiple spindle hobbing machine. 2,032,646; Mar. 3.
- Adams, Frank H., and W. H. Staples, Cleveland Heights, assignors to The Cleveland Hobbing Machine Company, Cleveland, Ohio. Hobbing machine. 2,048,173; July 21.
- Adams, Frank J., University City, Mo., assignor to Fruit Supply Company, St. Louis, Mo. Basket. 2,050,911; Aug. 11.
- Adams, Frederick W., Stoneham, Mass., and G. S. Witham, Jr., Lincoln, N. H. Method of and apparatus for cooking pulp. 2,038,780; Apr. 28.
- Adams, Frederick W., Stoneham, Mass., and G. S. Witham, Jr., Lincoln, N. H. Method of and apparatus for producing paper pulp. 2,045,818; June 30.
- Adams, Guy S. (See Blank, J. E., and Adams.)
- Adams, Harry D., Boston, Mass. Hinge. 2,032,078; Feb. 25.
- Adams, Henry L. (See Hedges, Ross E., assignor.)
- Adams, Henry T., and N. D. Nachtrieb, Chicago, Ill., said Nachtrieb assignor to said Adams. Adjustable ring book. 2,055,273; Sept. 22.
- Adams, Herbert L., Washington, D. C. Parachute for passengers and/or aircraft. 2,032,824; Mar. 3.
- Adams, Herbert L., Washington, D. C. Safety fuel tank. 2,041,450; May 19.
- Adams, Herbert L., Washington, D. C. Retractable landing gear. 2,065,414; Dec. 22.
- Adams, J. D., Manufacturing Company. (See Cost, William A., assignor.)
- Adams, J. D., Manufacturing Company. (See Notvest, Robert, assignor.)
- Adams, J. D., Manufacturing Company. (See Wallace, Floyd D., assignor.)
- Adams, James F. (See Nikitin, A. A., Myers, and Adams.)
- Adams, James L., Jr., Youngstown, Ohio. Metal rolling mill. 2,029,751; Feb. 4.
- Adams, James L., Jr., Youngstown, Ohio. Screw pump. 2,030,560; Feb. 11.
- Adams, James L., Jr., Youngstown, Ohio. Oscillation-type lock. 2,031,089; Feb. 18.
- Adams, James L., Jr., Youngstown, Ohio. Safety guard gate. 2,051,359; Aug. 18.
- Adams, James L., Jr., Youngstown, Ohio. Apparatus for controlling electrically transmitted musical programs. 2,065,037; Dec. 22.
- Adams, James L., Jr., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Shaping method and apparatus. 2,044,042; June 16.
- Adams, James L., Jr., assignor to The Youngstown Sheet & Tube Company, Youngstown, Ohio. Interior bead trimmer. 2,054,311; Sept. 15.
- Adams, James L., Jr., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Apparatus for the formation of articles by welding. 2,059,300; Nov. 3.
- Adams, John H., Seattle, Wash. Nonslipping hairpin. 2,026,766; Jan. 7.
- Adams, John H., Seattle, Wash. Spring closing device. 2,028,309; Jan. 21.
- Adams, John H., Seattle, Wash. Needle protector. 2,040,289; May 12.
- Adams, John Q., Columbus, Ohio. Collapsible frame structure for tents. 2,044,659; June 16.
- Adams, Joseph H., Detroit, Mich. Vacuum cleaning apparatus. 2,044,827; June 23.
- Adams, Nicholas M., Chicago, Ill., assignor to Wilson & Co., Inc. Weasand product and method of preparing. 2,062,489; Dec. 1.
- Adams, Orlando P., Irwin, C. D. Phillips, Pittsburgh, and J. E. Vorce, McKeesport, Pa., assignors to National Tube Company. Apparatus for determining fluid density. 2,035,039; Mar. 24.
- Adams, Porter H., Thetford, Vt. Wind tunnel balance. 2,065,496; Dec. 29.
- Adams, Robert, Bad Kreuznach, assignor to Seitz-Werke G. m. b. H., Rheinland, Germany. Sifting, straining, or filtering apparatus. 2,061,340; Nov. 17.
- Adams, Roger, Urbana, Ill., H. Batough, Wilmington, Del., and C. S. Marvel, Urbana, Ill., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of halogen alkanesulphonic acids. 2,036,249; Apr. 7.
- Adams, Roy L., Schenectady, N. Y., assignor to General Electric Company. Arcing tip and making the same. 2,034,550; Mar. 17.
- Adams, Royal E., assignor to E. Pederson, Los Angeles, Calif., as trustee. Electric brake mechanism for auto trucks and trailers. 2,039,509; May 5.
- Adams, Thomas E., Derby, N. Y. Hoist. 2,039,870; May 5.
- Adams, W. L. (See Bird, Len O., assignor.)
- Adams, Walter L., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 2,055,447; Sept. 22.
- Adams, Walter L., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Drag handle mechanism for fishing reels. 2,055,448; Sept. 22.
- Adams, Walter L., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 2,059,765; Nov. 3.
- Adams, Wilbur C. (See De Groote, M., Adams, Keiser, and Wirtel, assignors.)
- Adams, William G., Greensboro, N. C. Safety razor and blade combination. 2,039,047; Apr. 28.
- Adams, William G., Greensboro, N. C. Safety razor. 2,047,608; July 14.
- Adams, William M., assignor of one-half to Louis Sadowski, Detroit, Mich. Cigarette package. 2,049,680; Aug. 4.
- Adamson, George H. (See Newton, G. B., and Adamson.)
- Adamson, James H., Larchmont, N. Y. Folding grandstand. 2,054,960; Sept. 22.
- Adamson, Percy, Rye, assignor to United States Rubber Company, New York, N. Y. Headwear. 2,040,456; May 12.
- Adamson, Seth, Larchmont, assignor to United States Rubber Products, Inc., New York, N. Y. Flexible headwear. 2,052,123; Aug. 25.
- Adamson, William A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigment. 2,032,458; Mar. 3.
- Adamtchik, Michael (also known as). (See Adamcik, Mykas.)
- Ad Art Craft, Inc. (See Shaw, Louis B., assignor.)
- Adaskin, John, Toronto, Ontario, Canada. Banking device for vehicles. 2,045,562; June 30.
- Additon, Forrest, Flowery Branch, Ga. Bathtub. 2,058,284; Oct. 20.
- Addressograph Company. (See Curtis, Franklin E., assignor.)
- Addressograph Company. (See Gollwitzer, Walter T., assignor.)
- Addressograph Company. (See Hartley, Emmett C., assignor.)
- Addressograph-Multigraph Corporation. (See Gollwitzer, Walter T., assignor.)
- Addressograph-Multigraph Corporation. (See Morse, Lawrence H., assignor.)
- Addressograph-Multigraph Corporation. (See Osborn, Henry C., assignor.)
- Addressograph-Multigraph Corporation. (See Rowell, George S., assignor.)
- Addressograph-Multigraph Corporation. (See Sand, Charles H., Jr., assignor.)
- Addy, Charles W. (See Kinsella, E., and Addy.)
- Addy, Charles W. (See Parkinson, R. H., and Addy.)
- Addy, Roland, and S. Gill, assignors to The Carlton Main Colliery Company Limited, Barnsley, England. Retort for use in the low temperature distillation of carbonaceous material. 2,037,556; Apr. 14.
- Adell, John A., Orange, Mass. Yarn measuring device. 2,043,569; June 9.
- Adell, John A., Orange, assignor of one-half to A. L. Johnson, Worcester, Mass. Lifting jack. 2,033,503; Mar. 10.
- Adell, John A., Orange, assignor of one-half to Alvin L. Johnson, Worcester, Mass. Jack. 2,057,870; Oct. 20.



- Adelmann, Hans, New Rochelle, assignor to Ham Boiler Corporation, Port Chester, N. Y. Ham boiler. 2,051,360; Aug. 18.
- Aderholz, Joseph W., Houston, Tex. Portable bed for vehicles. 2,065,415; Dec. 22.
- Adey, Grace E., Totteridge, London, England. Effecting the electro-deposition of metals. 2,046,440; July 7.
- Ad-Here Paper Company. (See Carpenter, Harry E., assignor.)
- Adhesive Products Company, The. (See Harrison, Woodford F., assignor.)
- Adico Development Corporation. (See Goosmann, Justus C., assignor.)
- Adimari, Italo V., Philadelphia, Pa. Making textile combs. 2,065,038; Dec. 22.
- Adirondack Steel Foundries Corporation. (See Sherman, Clifton W., assignor.)
- Adison, Edward A., Chicago, Ill. Screw driver. 2,040,723; May 12.
- Adkins, Homer, Madison, Wis. Preparing contact catalysts. 2,040,233; May 12.
- Adkins, Homer, Madison, Wis., and C. F. Winans, Akron, Ohio. Catalytic synthesis of amines. 2,045,574; June 30.
- Adkins, Homer, Madison, Wis., and H. I. Cramer, Cuyahoga Falls, Ohio. Catalytic synthesis of petrocyclic amines and products produced thereby. 2,058,547; Oct. 27.
- Adlake Company, The. (See Brown, Ralph, assignor.)
- Adlake Company, The. (See Christy, George C., assignor.)
- Adlake Company, The. (See Gehrand, C. E., and Larson, assignors.)
- Adlake Company, The. (See Hagerty, Andrew T., assignor.)
- Adlake Company, The. (See Hamm, William S., assignor.)
- Adlake Company, The. (See Larson, Carl H., assignor.)
- Adlake Company, The. (See Larson, C. H., and McCarthy, assignors.)
- Adlake Company, The. (See Moderau, Herman, assignor.)
- Adlake Company, The. (See Seivson, Harry D., assignor.)
- Adam, Thomas N., West Orange, N. J. Heating system. 2,060,844; Nov. 17.
- Adam, Thomas N., Bethlehem, Pa., assignor to Sarco Company, Inc. Heating apparatus. 2,046,760; July 7.
- Adam, Thomas N., Bethlehem, Pa., assignor to Sarco Company, Inc. Heating system. 2,053,759; Sept. 8.
- Adler, Benjamin, Whitestone, N. Y., assignor to Radio Corporation of America. Synchronizing system. 2,039,869; May 5.
- Adler, Benjamin H., Chicago, Ill. Changeable sign and letters therefor. 2,038,978; Apr. 28.
- Adler, Carl, Lorain, Ohio. Wrist pin oiler and piston rod connector. 2,033,906; Mar. 17.
- Adler, Charles, Jr., Baltimore, Md. Signal. 2,029,211; Jan. 28.
- Adler, Charles, Jr., Baltimore, Md. Highway patrol system. 2,051,194; Aug. 18.
- Adler, Harry, Mile End, England. Theft alarm for Attache cases and similar articles. 2,038,625; Apr. 28.
- Adler, Herman G. (See Darnell, R. C., and Adler.)
- Adler, Howard, Chicago Heights, Ill., assignor to Victor Chemical Works. Alkaline trisodium phosphate. 2,050,249; Aug. 11.
- Adler Manufacturing Co. (See Cummins, Norman W., assignor.)
- Adler, Martha, Carlsbad, Czechoslovakia. Purification of water. 2,041,584; May 19.
- Adolf, Gustav. (See Haas, J., and Adolf.)
- Adolfson, Gunnar, Chicago, Ill., assignor to Rindsberger Manufacturing Corporation. Fixture. 2,048,313; July 21.
- Adrian, Matthew B., assignor to Adrian X-Ray Shoe Fitter Company, Milwaukee, Wis. X-ray equipment for inspection. 2,041,682; May 26.
- Adrian X-Ray Shoe Fitter Company. (See Adrian, Matthew B., assignor.)
- Adrianoff, Alexandre, Brussels, Belgium. Coal burner. 2,031,199; Feb. 18.
- Adsit, Frank W., St. Paul, assignor to Rotary Carton Machine Company, Minneapolis, Minn. Automatic carton forming and stacking machine. 2,035,857; Mar. 31.
- Adt, John B., Company. (See Zeun, Louis H., assignor.)
- Advance Engineering Corporation. (See Taylor, Donald D., assignor.)
- Adverlite, Inc. (See Gauthier, Alfred B., assignor.)
- Aeberli, Arnold, Zurich, Switzerland. Stretching mechanism for stretching textile fibers for mules, ring spinning, and stretching machines. 2,045,338; June 23.
- Aeckerle, Emil, assignor to the firm Chemische Fabrik Joh. A. Benckiser G. m. b. H., Ludwigshafen-on-the-Rhine, Germany. Making anhydrous citric acid. 2,030,619; Feb. 11.
- Aeolian-Skinner Organ Company. (See Hardy, Maurice E., assignor.)
- Aeriet Air Conditioner Company. (See Child, Lachlan W., assignor.)
- Aeriet Air Conditioner Company. (See Riebel, F., Jr., and Child, assignors.)
- Aermotor Company. (See Scholes, Daniel R., assignor.)
- Aero-Style Corporation. (See Zimmerman, Emory K., assignor.)
- Aerovox Corporation. (See Cole, Samuel I., assignor.)
- Aerovox Corporation. (See Georgiev, Alexander, assignor.)
- Aerovox Corporation. (See Rhodes, Howard E., assignor.)
- Aerovox Corporation. (See Waterman, Herbert, assignor.)
- Aerovox Wireless Corporation. (See Heyman, Sam, assignor.)
- Aeschbach, Friedrich, Aarau, Switzerland. Machine for mixing, stirring, and kneading dough. 2,036,112; Mar. 31.
- Aetna Rubber Company, The. (See Campbell, Stanley T., assignor.)
- Affel, Herman A., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Frequency control distribution. 2,036,383; Apr. 7.
- Affel, Herman A., Ridgewood, and E. I. Green, East Orange, N. J., assignors to American Telephone and Telegraph Company. Power line carrier system. 2,048,091; July 21.
- Affel, Herman A., Ridgewood, and E. I. Green, East Orange, N. J., assignors to American Telephone and Telegraph Company. Power line carrier system. 2,048,092; July 21.
- Affleck, Gregor S., Detroit, Mich. Fluid gauge. 2,054,579; Sept. 15.
- Agasote Millboard Company, The. (See Becher, Hubert L., assignor.)
- Agasote Millboard Company, The. (See Harvey, Harold C., assignor.)
- Agate, Cecil C., Orange, N. J., and M. M. Einson, Yonkers, N. Y., assignors to Einson-Freeman Co., Inc. Amusement device. 2,048,365; July 21.
- Agfa AnSCO Corporation. (See Bornmann, Carl, assignor.)
- Agfa AnSCO Corporation. (See Brunken, Johannes, assignor.)
- Agfa AnSCO Corporation. (See Dieterle, Walter, assignor.)
- Agfa AnSCO Corporation. (See Dieterle, W., Walter, and Dürr, assignors.)
- Agfa AnSCO Corporation. (See Dieterle, W., and Zeh, assignors.)
- Agfa AnSCO Corporation. (See Erlach, Alois, assignor.)
- Agfa AnSCO Corporation. (See Fröhlich, Alfred, assignor.)
- Agfa AnSCO Corporation. (See Frost, Paul, assignor.)
- Agfa AnSCO Corporation. (See Frost, P., and Beckenbauer, assignors.)
- Agfa AnSCO Corporation. (See Goldhammer, Leo, assignor.)
- Agfa AnSCO Corporation. (See Hagedorn, Max, assignor.)
- Agfa AnSCO Corporation. (See Hagedorn, M., and Möller, assignors.)
- Agfa AnSCO Corporation. (See Heymer, Gerd, assignor.)
- Agfa AnSCO Corporation. (See Kipphan, Karl, assignor.)
- Agfa AnSCO Corporation. (See Lessler, Lew W., assignor.)
- Agfa AnSCO Corporation. (See Lingg, A., and Frost, assignors.)
- Agfa AnSCO Corporation. (See Lingg, A., and Gelius, assignors.)
- Agfa AnSCO Corporation. (See Maiser, Georg, assignor.)
- Agfa AnSCO Corporation. (See Roehrl, Bruno C., assignor.)
- Agfa AnSCO Corporation. (See Schmidt, Richard, assignor.)
- Agfa AnSCO Corporation. (See Schneider, Wilhelm, assignor.)
- Agfa AnSCO Corporation. (See Schneider, W., and Wilmanns, assignors.)
- Agfa AnSCO Corporation. (See Tanzen, August, assignor.)
- Agfa AnSCO Corporation. (See Ulrich, H., and Saurwein, assignors.)
- Agfa AnSCO Corporation. (See Zeh, Walter, assignor.)
- Agfa AnSCO Corporation. (See Zeh, W., and Schneider, assignors.)
- Aggers, Clair V., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High voltage testing device. 2,050,250; Aug. 11.
- Agnew, Norman F., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control apparatus. 2,052,336; Aug. 25.
- Agostineto, Giacomo, Trout Creek, Mich. Leather knife. 2,063,653; Dec. 8.
- Agricola, Alfred, Berlin-Tempelhof, assignor to Allgemeine Elektrizität, Berlin, Germany. Tuning indicator. 2,031,295; Feb. 18.
- Agterberg, Gustaaf A., assignor of one-half to S. J. van den Berg, Amsterdam, Netherlands. Latch fastening for doors, windows, and the like. 2,039,048; Apr. 28.
- Aguelo, Dionisio. (See Gazulla, V., and Aguelo.)
- Agulnek, Harry, assignor to S. Mishcon, doing business as Supreme Knitting Machine Co., Brooklyn, N. Y. Pattern wheel. 2,055,593; Sept. 29.
- Agulnek, Harry, assignor to S. Mishcon, doing business as Supreme Knitting Machine Co., Brooklyn, N. Y. Pattern wheel. 2,055,599; Sept. 29.
- Abern, Harry H., Newport News, Va. Heel and arch support. 2,055,399; Sept. 22.
- Aherne, Francis E., Tufts College, Mass. Road surface mixing device. 2,031,628; Feb. 25.
- Ahlbell Battery Container Corporation. (See Case, G. Harry, assignor.)
- Ahlberg Bearing Company. (See Okner, B. S., and Nelson, assignors.)
- Ahlburg Company. (See Mumma, H. J., and Ahlburg, assignors.)
- Ahlburg Company. (See Mumma, H. J., and Leonard, assignors.)
- Ahlburg, Frank. (See Mumma, H. J., and Ahlburg.)
- Ahlenius, Marie, assignor of one-third to M. H. Herman, Chicago, Ill. Punching device. 2,030,346; Feb. 11.



- Ahles, Carl C., Albany, assignor to Acme Steel & Malleable Iron Works, Inc., Buffalo, N. Y. Joint support and construction making use thereof. 2,037,872; Apr. 21.
- Ahlmark, Roy B., and F. W. Young, assignors of forty-five per cent to H. S. Miller, forty-five per cent to said Ahlmark, and ten per cent to E. McMahon, Oklahoma City, Okla. Collapsible basket. 2,042,977; June 2.
- Ablquist, Gustaf R., Great Falls, Mont. Punch. 2,031,024; Feb. 18.
- Ahnger, Yrjo A., Crockett, Calif. Sewing machine attachment. 2,051,237; Aug. 18.
- Ahnström, Erik G., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,037,557; Apr. 14.
- Aho, Tahvan E., Waukegan, Ill. Sanding wheel for shoes. 2,038,154; Apr. 21.
- Ahrens-Fox Fire Engine Company, The. (See Fox, Charles H., assignor.)
- Ahrens, Henry A., Cleveland, and E. F. Kennedy, Garfield Heights, Ohio, and J. E. Nason, Erie, Pa., assignors to The Cleveland Co-Operative Stove Company, Cleveland, Ohio. Stove or range. 2,045,061; June 23.
- Ahrens, Robert S. (See Seeger, W. G., and Ahrens.)
- Ahrndt, Arthur H., and J. Folk, assignors to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine knife guard and grinding mechanism. 2,052,366; Aug. 25.
- Aicher, Alfred L., assignor to Yarnall-Waring Company, Philadelphia, Pa. Water column displacement weight. 2,028,858; Jan. 28.
- Aickelin, Hans, Summit, N. J., assignors to General Aniline Works, Inc., New York, N. Y. Production of mixtures of secondary and tertiary aromatic amines and preparing them. 2,051,123; Aug. 18.
- Aigner, Hans, assignor to Eric von Latscher-Latka, Vienna, Austria. Slug-shooting attachment for machine guns. 2,061,341; Nov. 17.
- Aigner, Viktor, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Supervision of electric systems. 2,052,377; Aug. 25.
- Aiken, Charles B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Common frequency broadcasting system. 2,033,271; Mar. 10.
- Aiken, Walter S., assignor to The Clark-Aiken Company, Lee, Mass. Web handling apparatus. 2,059,979; Nov. 3.
- Aiken, Walter S., assignor to The Clark-Aiken Company, Lee, Mass. Paper cutting apparatus. 2,062,737; Dec. 1.
- Aikens, Andrew J., Rutherford, N. J., assignor to American Telephone and Telegraph Company. Reduction of disturbing voltages in electric circuits. 2,037,846; Apr. 21.
- Aikins, Herbert A., Cleveland, Ohio. Calculating device. 2,063,287; Dec. 8.
- Aikman, Burton S. (See Crittenden, P. L., and Aikman.)
- Aikman, Burton S., Wilkesburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake system. 2,030,955; Feb. 18.
- Aikman, Burton S., Wilkesburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor unloader. 2,042,085; May 26.
- Aikman, Burton S., Wilkesburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Braking apparatus. 2,058,050; Oct. 20.
- Aikman, Burton S., Wilkesburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 2,061,888; Nov. 24.
- Aikman, Burton S., Wilkesburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Hydro-pneumatic brake. 2,065,203; Dec. 22.
- Aikman, Burton S., Wilkesburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor unloading device. 2,065,204; Dec. 22.
- Ainsworth, Albert A., Ossining, N. Y. Hinged card. 2,038,468; Apr. 21.
- Ainsworth Manufacturing Company. (See Potter, Albert T., assignor.)
- Air Conditioners, Inc. (See Marr, George M., assignor.)
- Air Conditioning Equipment Corporation. (See Erschen, C. P., and Jepertinger, assignors.)
- Air Drill Corporation, The. (See Crosman, James H., 3d, assignor.)
- Airetool Manufacturing Company, The. (See Hamilton, Walter T., assignor.)
- Air-Flo Corporation. (See Warner, Earl S., assignor.)
- Air Ice Research & Development Corp. (See Clark, Walter G., assignor.)
- Air-Maze Corporation. (See Schaaf, A. E., and Walton, assignors.)
- Airrotar Development Company. (See Ewers, Rolo S., assignor.)
- Airplane and Marine Direction Finder Co. (See Hefe, Edward J., assignor.)
- Air-Preheater Corporation, The. (See Eriksson, Erik O., assignor.)
- Air Reduction Company. (See Anderson, James L., assignor.)
- Air Reduction Company. (See Balcar, Frederick R., assignor.)
- Air Reduction Company. (See Corwin, Howard D., assignor.)
- Air Reduction Company. (See Deming, George M., assignor.)
- Air Reduction Company. (See Evans, Charles T., assignor.)
- Air Reduction Company. (See Hughey, Howard G., assignor.)
- Air Reduction Company. (See McKiernan, J. D., and Begerow, assignors.)
- Air Reduction Company. (See Metzger, Floyd J., assignor.)
- Air Reduction Company. (See Ost, William R., assignor.)
- Air Reduction Company. (See Ragonnet, Eugene L., assignor.)
- Air Reduction Company. (See Schlitt, Joseph L., assignor.)
- Air Reduction Company. (See Smith, Donald L., assignor.)
- Air Reduction Company. (See Van Nuys, Claude C., assignor.)
- Air Reduction Company. (See Wilkinson, Walter, assignor.)
- Air Reduction Company. (See Wilkinson, W., and Schlitt, assignors.)
- Air reduction Company, Inc. (See Hamilton, James K., assignor.)
- Air Reduction Company, Inc. (See Ost, W. R., and Hughey, assignors.)
- Air Reduction Company, Inc. (See Rooke, R. M., and Saacke, assignors.)
- Air Reduction Company, Inc. (See Smith, Donald L., assignor.)
- Air Systems Incorporated. (See Burner, James A., assignor.)
- Air-Way Electric Appliance Corporation. (See Dow, Dewey M., assignor.)
- Airway Electric Appliance Corporation. (See Hunsdorf, William P., assignor.)
- Air-Way Electric Appliance Corporation. (See Johnson, Thomas A., assignor.)
- Air-Way Electric Appliance Corporation. (See Riebel, Frederick, Jr., assignor.)
- Air-Way Electric Appliance Corporation. (See Riebel, F., Jr., and Dow, assignors.)
- Air-Way Electric Appliance Corporation. (See Riebel, F., Jr., Dow, and Child, assignors.)
- Air-Zone Stoker Company. (See MacNerland, William, assignor.)
- Aivaz, Boris, Budapest, Hungary. Cigarette tube and apparatus for making such tubes. 2,035,211; Mar. 24.
- Aivaz, Boris, Budapest, Hungary. Smoke filter plug or wad for cigarette paper tubes. 2,064,239; Dec. 15.
- Ajax Electric Company. (See Clamer, Guillian H., assignor.)
- Ajax Electrothermic Corporation. (See Northrup, Edwin F., assignor.)
- Ajax Manufacturing Company, The. (See Blakeslee, John R., assignor.)
- Ajax Manufacturing Company, The. (See Criley, William W., assignor.)
- Ajax Manufacturing Co., The. (See Gaines, Frederick W., assignor.)
- Ajouelo, Davis J., Atlanta, Ga. Machine for making and inserting metallic fastenings. 2,036,988; Apr. 7.
- Ajouelo, Davis J., and J. L. Moore, Atlanta, Ga. Machine for making and inserting metallic fasteners. 2,049,240; July 28.
- Akast, Hector, and R. K. Smith, Whangarei, New Zealand. Fuel carbureting or vaporization means for internal combustion engines. 2,054,734; Sept. 15.
- Akay Electron Co. (See Arnham, Albert A., assignor.)
- Aken, James N., Rome, assignor to General Cable Corporation, New York, N. Y. Treating metals. 2,047,814; July 14.
- Aker, Leonard, San Francisco, Calif. Folder. 2,035,254; Mar. 24.
- Åkerman, Olof, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Arrangement for driving vehicles by means of internal combustion machines. 2,053,887; Sept. 8.
- Akester, Joseph C., assignor to Winsor Axia Fans Limited, London, England. Screw fan ventilator. 2,048,985; July 28.
- Akins, Randall P., Denver, Colo. Flotation machine. 2,028,179; Jan. 21.
- Akron Brass Manufacturing Company. (See Schellin, John C., assignor.)
- Akron Brass Manufacturing Company, The. (See Schellin, John C., assignor.)
- Akron Lamp Company, The. (See Hoff, Chester A., assignor.)
- Akron Standard Mold Company, The. (See Bostwick, Henry C., assignor.)
- Akroyd, Harry W., Philadelphia, Pa. Ornamenting transparent articles. 2,040,163; May 12.
- Aktiebolaget Atlas Diesel. (See Thege, Edwin O. P., assignor.)
- Aktiebolaget Atlas Diesel. (See Thege, E. O. P., and Ångkvist, assignors.)
- Aktiebolaget Atmos. (See Blomquist, Johan V., assignor.)
- Aktiebolaget Defibrator. (See Asplund, Arne J. A., assignor.)
- Aktiebolaget Gerh. Årehns Mekaniska Verkstad. (See Johnson, Bror A. E., assignor.)
- Aktiebolaget Gerh. Årehns Mekaniska Verkstad. (See Von Segebaden, E., and Orström, assignors.)
- Aktiebolaget Gotaverken. (See Johanssen, Johan R., assignor.)
- Aktiebolaget Imo-Industri. (See Montellus, Carl O. J., assignor.)



- Aktiebolaget Kemiska Patentar. (See Wallny, John G., assignor.)
- Aktiebolaget Ljungstroms Angturbin. (See Lysholm, Alf, assignor.)
- Aktiebolaget Maleus Holmquist. (See Bergström, John, assignor.)
- Aktiebolaget Master Regulator. (See Salenius, C. G. T., assignor.)
- Aktiebolaget Milo. (See Lysholm, Alf, assignor.)
- Aktiebolaget Milo. (See Lysholm, A., and Boestad, assignors.)
- Aktiebolaget Mo Och Domsjö Wallboard Company. (See Lundbäck, Thor A. I., assignor.)
- Aktiebolaget Nomy. (See Wallgren, August G. F., assignor.)
- Aktiebolaget Nomy. (See Wallgren, A. G. F., and Janzon, assignors.)
- Aktiebolaget Nordiska Armaturfabrikerna. (See Lundborg, B. H., and Tillberg, assignors.)
- Aktiebolaget Rimo. (See Lindeberg, Stig, assignor.)
- Aktiebolaget Separator-Nobel. (See Andersson, Gustav H., assignor.)
- Aktiebolaget Separator-Nobel. (See Walch, Henri, assignor.)
- Aktiebolaget Spontan. (See Andersson, Nils F., assignor.)
- Aktiebolaget Spontan. (See Ljungström, Fredrik, assignor.)
- Aktiebolaget Spontan. (See Wettstein, Fritz A., assignor.)
- Aktiebolaget Stille-Werner. (See Nordin, Josef A., assignor.)
- Aktiebolaget Svenska Fläktfabriken. (See Edholm, Harald, assignor.)
- Aktiebolaget Svenska Kullagerfabriken. (See Fernström, Gustav W., assignor.)
- Aktiebolaget Svenska Kullagerfabriken. (See Kylén, Karl E., assignor.)
- Aktiebolaget Svenska Kullagerfabriken. (See Nilsson, Karl G. V., assignor.)
- Aktiebolaget Svenska Kullagerfabriken. (See Palmgren, Nils A., assignor.)
- Aktiebolaget Termisk Isolation. (See Munters, Carl G., assignor.)
- Aktiebolaget Transitoria. (See Ljungström, Erik, assignor.)
- Aktiebolaget Transitoria. (See Ljungström, E., and Olsson, assignors.)
- Aktiebolaget Zander & Ingeström. (See Hallman, Nils, assignor.)
- Aktiengesellschaft Brown, Boveri & Cie. (See Aubort, Edouard, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Brynhildsen, C., and Kern, assignors.)
- Aktiengesellschaft Brown Boveri & Cie. (See Ehrensperger, Charles, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Ehrensperger, C., Widmer, Gaudenzi, and Brunner, assignors.)
- Aktiengesellschaft Brown Boveri & Cie. (See Fässler, Emmanuel, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Franz, Leo, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Hürlimann, Max, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Kern, Erwin, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Kopeliovitch, Jakob, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Kopeliovitch, J., and Wanger, assignors.)
- Aktiengesellschaft Brown, Boveri & Cie. (See Latzko, J., and Plechl, assignors.)
- Aktiengesellschaft Brown Boveri Cie. (See Leüthold, Armin, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Mertens, Franz, assignor.)
- Aktiengesellschaft Brown, Boveri & Cie. (See Noack, Walter G., assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Oertel, Wilhelm, assignor.)
- Aktiengesellschaft Brown, Boveri & Cie. (See Seippel, Claude, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Widmer, Stefan, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Widmer, S., and Hürlimann, assignors.)
- Aktien-Gesellschaft der Chemischen Produktenfabriken Pommerensdorf-Milch. (See Siegler, Robert, assignor.)
- Aktiengesellschaft der Eisen und Stahlwerke vormals Georg Fischer. (See Mijnsen, Jacob W., assignor.)
- Aktiengesellschaft fur Patent und Industriewerte. (See Rafn, William, assignor.)
- Aktiengesellschaft Hunziker & Cie, Zurich, Baustofffabriken Brugg und Alten. (See Hunziker, Hans, assignor.)
- Aktiengesellschaft vorm. Seidel & Naumann. (See Benzinger, Hugo, assignor.)
- Aktieselskapet Krytal. (See Jeremiassen, Finn, assignor.)
- Alabama Asphaltic Limestone Company. (See Conzelman, Joseph H., assignor.)
- Alabama Pipe Company. (See Pace, John W., assignor.)
- Alaskan Glacier Sea Food Company. (See Bottker, V., and Grondahl, assignors.)
- Alban, Clarence F., and S. R. Hood, assignors to W. M. Chace Valve Company, Detroit, Mich. Thermostatic switch. 2,058,390; Oct. 27.
- Albee, Hugh M., assignor to The Leavitt Machine Company, Orange, Mass. Rotary cutting tool. 2,034,277; Mar. 17.
- Albers, Clement, San Francisco, Calif. Flashlight device. 2,028,428; Jan. 21.
- Albers, Heinrich, assignor to Schloemann Aktiengesellschaft, Dusseldorf, Germany. Hydraulic press for extruding metal rods or tubes. 2,039,947; May 5.
- Albers, Heinrich, assignor to Schloemann Aktiengesellschaft, Dusseldorf, Germany. Vertical hydraulic tube extrusion press. 2,052,738; Sept. 1.
- Albersheim, Walter J. (See Konheim, H. S., and Albersheim.)
- Albert, Louis L., West Orange, N. J. Crate. 2,065,416; Dec. 22.
- Albert, Minnie, Brooklyn, N. Y. Training commode for pets. 2,053,594; Sept. 8.
- Albert, Ralph K., Howell, Mich. Switching device for electric motors. 2,032,349; Mar. 3.
- Albert, Ralph K., assignor to Howell Electric Motors Company, Howell, Mich. Condenser. 2,029,550; Feb. 4.
- Alberts, Jacob L., Yonkers, assignor, by mesne assignments, to Simplex Enterprises, Inc., New York, N. Y. Making hook and eye tape. 2,034,689; Mar. 24.
- Alberts, Jacob L., assignor to S. S. Alberts, Yonkers, N. Y. Corset. 2,051,065; Aug. 18.
- Alberts, Siney S. (See Alberts, Jacob L., assignor.)
- Albertson & Company. (See Albertson, Frans O., assignor.)
- Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Valve seat grinding machine. 2,042,759; June 2.
- Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Valve seat tool. 2,065,486; Dec. 22.
- Albertson, Frans O., Sioux City, Iowa, assignor to Albertson & Company, Inc., Sioux City, Iowa. Metal spray gun. 2,058,653; Oct. 27.
- Alborn, Frank G., assignor to The White Motor Company, Cleveland, Ohio. Motor vehicle. 2,035,212; Mar. 24.
- Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Cooling the molds of matrix composing and line casting machines. 2,035,443; Mar. 31.
- Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Slug ejecting mechanism of typographical slug casting machines. 2,035,444; Mar. 31.
- Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical slug casting machine. 2,042,978; June 2.
- Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Metal pot for matrix composing and line casting machines. 2,045,681; June 30.
- Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical slug casting machine. 2,051,804; Aug. 25.
- Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical slug casting machine. 2,051,805; Aug. 25.
- Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Mold of typographical slug-casting machines. 2,055,642; Sept. 29.
- Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Production of typographical slugs. 2,055,643; Sept. 29.
- Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical slug casting machine. 2,055,644; Sept. 29.
- Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Slug ejecting mechanism of typographical slug casting machines. 2,062,169; Nov. 24.
- Albrecht, Ernst, Berlin, Germany. Machine for cleaning the matrices of typesetting machines. 2,056,159; Oct. 6.
- Albrecht, John, Kewaunee, Wis. Clutch controlling tractor hitch. 2,046,353; July 7.
- Albrecht, John C., Garber, Okla. Pressure switch. 2,056,084; Sept. 29.
- Albrecht, John H., Utica, N. Y., assignor of one-half to W. A. Bringe, New Hartford, N. Y. Joint for wind musical instruments. 2,061,928; Nov. 24.
- Albree, George N., Concord, Mass. Keeper retainer for gun-slugs. 2,032,342; Mar. 3.
- Albree, George N., Concord, Mass. Oil burner. 2,047,303; July 14.
- Albright, Harry W., Blue Island, Ill. Mangle. 2,060,273; Nov. 10.
- Albright, Raymond W., and A. Szegvari, assignors to American Anode Incorporated, Akron, Ohio. Temporary protective coating. 2,050,239; Aug. 11.
- Albright, Robert B., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Antenna coupling device. 2,050,912; Aug. 11.
- Albright, Robert B., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Image suppression system. 2,062,956; Dec. 1.
- Albright, Robert E., Broomall, assignor to A. L. Wurster, Philadelphia, Pa. Cravat holder. 2,059,301; Nov. 3.
- Albright & Wilson Limited. (See King, George, assignor.)
- Alby, Pierre L., Bordeaux, France. Supplying an additional fluid to the cylinder of an internal combustion engine. 2,034,855; Mar. 24.



- Alco Products Incorporated. (See Barton, Paul D., assignor.)
- Alco Products Incorporated. (See Forbes, James B., assignor.)
- Alco Products Incorporated. (See Parent, E. J., and Krieg, assignors.)
- Alco Products, Incorporated. (See Wallis, J. S., and deBence, assignors.)
- Alcorn, Walter, and L. Hamiter, Columbia, S. C. Resizing and drying machine. 2,027,894; Jan. 14.
- Alcott, Fred A. (See Hopkinson, E., Belanger, Alcott, and Hewitt.)
- Aldeen, Gedor W., assignor to American Cabinet Hardware Corp., Rockford, Ill. Lock. 2,049,416; Aug. 4.
- Alden, Carroll R., assignor to Ex-Cell-O Aircraft & Tool Corporation, Detroit, Mich. Fuel injection system. 2,027,360; Jan. 14.
- Alden, Carroll R., assignor to Ex-Cell-O Aircraft & Tool Corporation, Detroit, Mich. Metering pump. 2,052,549; Sept. 1.
- Alden, Gardner R. (See Kallander, E. L., and Alden.)
- Alden, Herbert W., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Transmission mechanism. 2,044,660; June 16.
- Alden, Herbert W., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Differential axle. 2,056,881; Oct. 6.
- Alden, Herbert W., and L. R. Buckendale, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Automotive vehicle. 2,044,196; June 16.
- Alden, John L., La Grange, and H. A. Anderson, Western Springs, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for skimming liquids. 2,049,937; Aug. 4.
- Alden, Milton, Brockton, Mass. Vacuum tube socket. 2,039,871; May 5.
- Alden, Milton, Brockton, Mass., assignor to Radio Inventions, Inc., New York, N. Y. Vacuum tube socket. 2,036,384; Apr. 7.
- Alden, Milton, Brockton, Mass., assignor to Radio Inventions, Inc., New York, N. Y. Vacuum tube conductor and socket. 2,059,077; Oct. 27.
- Alder, Jenness A. (See Alder, William F., assignor.)
- Alder, William F., assignor, by mesne assignments, to J. A. Alder, Altadena, Calif. Apparatus for determining amplitude of sound. 2,043,983; June 16.
- Alder, William F., assignor, by mesne assignments, to J. A. Alder, Altadena, Calif. Portable closed chamber determination of sound absorption. 2,043,984; June 16.
- Alder, William F., assignor, by mesne assignments, to J. A. Alder, Altadena, Calif. Gravimetric determination of sound amplitudes. 2,052,550; Sept. 1.
- Alder, William F., assignor, by mesne assignments, to Jenness A. Alder, Altadena, Calif. Hydrostatic sound amplitude meter. 2,055,713; Sept. 29.
- Alder, William F., assignor, by mesne assignments, to J. A. Alder, Altadena, Calif. Acoustic testing apparatus. 2,060,009; Nov. 10.
- Alderfer, Sterling W., assignor of one-half to Edward D. Andrews, Akron, Ohio. Elastic thread and making the same. 2,054,354; Sept. 15.
- Alderman, Eugene R., South Hadley, Mass. Warping apparatus. 2,050,775; Aug. 11.
- Aldine Corporation, The. (See Wahl, John C., assignor.)
- Aldinger, Jacob G., York, assignor to York Ice Machinery Corporation, York, Pa. Compressor. 2,036,846; Apr. 7.
- Aldinger, Jacob G., assignor to York Ice Machinery Corporation, York, Pa. Compressor. 2,036,847; Apr. 7.
- Aldrich, Charles H., Elizabeth, N. J., assignor, by mesne assignments, to The American Metal Company, Limited, New York, N. Y. Stool to support molds for casting metal. 2,039,872; May 5.
- Aldrich, Harold B., et al. (See Lambert, Thomas H., assignor.)
- Aldrich, John G. (See Scott, R. M., and Aldrich.)
- Aldrich, William O., assignor to Whitin Machine Works, Whitinsville, Mass. Spindle brake. 2,034,601; Mar. 17.
- Aldridge, Blair G. (See Fisher, H. F., and Aldridge.)
- Aldridge, Blair G., assignor to Union Oil Company of California, Los Angeles, Calif. Pump. 2,038,155; Apr. 21.
- Aldridge, Blair G., Los Angeles, and B. Hopper, Compton, assignors to Union Oil Company of California, Los Angeles, Calif. Treating oil. 2,041,278; May 19.
- Aldridge, Blair G., Los Angeles, and B. Hopper, San Pedro, assignors to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for dewaxing oils. 2,042,758; June 2.
- Aldworth, Donald A., et al. (See Maxfield, Donald F., assignor.)
- Alefantis, James, Tarpon Springs, Fla. Work glove. 2,034,169; Mar. 17.
- Alefantis, James, Tarpon Springs, Fla. Sponge device. 2,052,337; Aug. 25.
- Alexander Brothers, Inc. (See de Rabot, John L., assignor.)
- Alexander, Clive M., Webster Groves, Mo. Apparatus for compounding lubricating oils. 2,051,932; Aug. 25.
- Alexander, Clyde. (See Suppiger, G. S., Alexander, and Schreiber.)
- Alexander, Earl C., Glen Ellyn, assignor to Massey Concrete Products Corporation, Chicago, Ill. Concrete pile. 2,065,507; Dec. 29.
- Alexander Engineering Works Limited. (See Davies, Samuel, assignor.)
- Alexander, James N., Birmingham, Ala. Universal saw handle. 2,038,819; Apr. 28.
- Alexander, James N., Birmingham, Ala. Saw attachment. 2,063,139; Dec. 8.
- Alexander, James N., Birmingham, Ala. Saw. 2,046,231; June 30.
- Alexander, Jay C. (See Casey, Hilton W., assignor.)
- Alexander, Johan W., Eindhoven, Netherlands, assignor to Radio Corporation of America. Radio receiving apparatus. 2,027,951; Jan. 14.
- Alexander, Johan W., and B. van der Pol, Eindhoven, Netherlands, assignor to Radio Corporation of America. Wireless receiving set. 2,052,687; Sept. 1.
- Alexander, Johan W., and H. Rinia, Eindhoven, Netherlands, assignors to Radio Corporation of America. Antenna system. 2,054,645; Sept. 15.
- Alexander, John M. (See Watson, J. C., and Alexander.)
- Alexander, John W., Clarendon, Va. Fire alarm. 2,029,402; Feb. 4.
- Alexander, Lloyd E., Shelby, Mont. Wheel locking attachment for trucks. 2,050,251; Aug. 11.
- Alexander, Paul, assignor to La Dispersion Cathodique (en abrégé Disca) S. A. Brussels, Belgium. Cathode disintegration. 2,047,350; July 14.
- Alexander, Paul, assignor to La Dispersion Cathodique (en abrégé Disca) S. A., Brussels, Belgium. Cathode disintegration. 2,047,351; July 14.
- Alexander, Peter P., Marblehead, Mass., assignor to General Electric Company. Reduction of refractory oxides. 2,038,402; Apr. 21.
- Alexander, Peter P., Marblehead, Mass., assignor to Ventures Limited. Reduction of ores by metallic calcium. 2,043,363; June 9.
- Alexander Wacker, Dr., Gesellschaft für Electrochemische Industrie, G. m. b. H. (See Gruber, Wolfgang, assignor.)
- Alexander, William H., Klamath Falls, Oreg. Trailer hitch and support. 2,038,156; Apr. 21.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Torque amplifying system. 2,027,140; Jan. 7.
- Alexandersson, Harald V., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Automatic telephone system. 2,045,682; June 30.
- Alexandre, Paul, Strasbourg, France. Waist band. 2,063,886; Dec. 15.
- Alfaro, Heracio, Boston, Mass. Cam generating machine. 2,030,907; Feb. 18.
- Alfaro, Heracio, Cambridge, Mass. Aeroplane. 2,049,188; July 28.
- Alfina-Immobilien-Finanzierungs- & Verwaltungs A. G. (See Korbuly, Károly, assignor.)
- Alford, Edward L., Union City, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable grip link. 2,059,188; Nov. 3.
- Alford, William F. (See Connell, Alvin H., assignor.)
- Alfreds, Torris H., assignor to H. J. Taylor, Park Ridge, Ill. Emulsifying apparatus. 2,026,604; Jan. 7.
- Alfthan, Johannes, New York, N. Y., assignor to Du Pont Viscoloid Company, Wilmington, Del. Refining cellulose acetate. 2,045,628; June 30.
- Alger, Don L., Avalon, Calif. Mechanical game apparatus. 2,034,321; Mar. 17.
- Alger, Philip L., Schenectady, N. Y., assignor to General Electric Company. Arrangement for reducing torsional oscillation of motors. 2,032,900; Mar. 3.
- Alger, Philip L., Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine. 2,046,992; July 7.
- Algren Manufacturing Co. Inc. (See Kainen, Joseph, assignor.)
- Aliano, Peter, assignor of 40 percent to J. Milea, Brooklyn, N. Y. Automobile body. 2,027,141; Jan. 7.
- Alibert, Jean M., Lyon, France, assignor to Du Pont Rayon Company, New York, N. Y. Method and apparatus for preparing artificial materials. 2,054,786; Sept. 22.
- Alig, Candace B., Des Moines, Iowa. Fur and woolen cold storage compartment for household refrigerators. 2,062,631; Dec. 1.
- Alink, Roelof J. H. (See De Boer, J. H., Dippel, and Alink.)
- Alison, Noah L., assignor to American Blower Corporation, Detroit, Mich. Hydraulic coupling. 2,062,281; Dec. 1.
- Alkin, Emanuel M., assignor to Morays Watch Case Co., Inc., New York, N. Y. Safety catch for wrist watch bands, bracelets, necklaces, and other jewelry. 2,044,869; June 23.
- Alkins, William E. (See Anstey, H. C., and Alkins.)
- All American Slide Corporation. (See Gertz, Samuel M., assignor.)
- Allan, Alexander M., Sapulpa, Okla. Trailer hitch connection. 2,027,852; Jan. 14.
- Allan, Benjamin W., Baltimore, Md. Production of titanium dioxide. 2,040,823; May 19.
- Allan, Charles C., Pietermaritzburg, Natal, Union of South Africa. Means for use in making angular adjustments and measurements. 2,028,034; Jan. 14.
- Allan, Stephen G., Kansas City, Mo. Display form. 2,057,079; Oct. 13.
- Allan, William, Jr. (See Phillips, A. H., and Allan.)
- Alland, Maurice, Winthrop, Mass. Receptacle closure. 2,038,517; Apr. 28.
- Allard, François, Mont-sur-Marchienne, Belgium. Apparatus for the pneumatic separation of materials. 2,060,966; Nov. 17.



- Allard, Herbert K., Cranston, R. I. Reverse gear for locomotives and other engines. 2,064,051; Dec. 15.
- Allard, Peter L., Hovland, Minn. Saw set. 2,043,876; June 9.
- Allardt, Hans-Georg. (See Feldt, A., Schoeller, and Allardt.)
- Allegheny Steel Company. (See Porter, Harry F., assignor.)
- Allegri, Charles. (See Dilger, J. B., and Allegri.)
- Allemann, Huga, Bettlach, Switzerland. Gripping device. 2,054,962; Sept. 22.
- Allemann, Otto, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of thioflavine T. 2,037,448; Apr. 14.
- Allen, Arthur F., Hayward, Calif. Fruit sizing machine. 2,063,008; Dec. 8.
- Allen-Bradley Company. (See Loock, Frederick F., assignor.)
- Allen-Bradley Company. (See Matthias, Lynn H., assignor.)
- Allen-Bradley Company. (See Steenweg, William F., assignor.)
- Allen-Bradley Company. (See Thomson, Homer G., assignor.)
- Allen, Carl M. (See Gallagher, C. A., and Allen.)
- Allen, Charles E., Arvada, Colo. Door opening and closing device. 2,026,956; Jan. 7.
- Allen, Clyde C. (See de Simó, M., and Allen.)
- Allen, Clyde C. (See Williams, E. C., and Allen.)
- Allen, Clyde C., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Production of mercaptans. 2,051,806; Aug. 25.
- Allen, Clyde C., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Production of thioethers and saturated hydrocarbons from mercaptans. 2,051,807; Aug. 25.
- Allen, Earl M. (See Young, H. S., and Allen.)
- Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,046,049; June 30.
- Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,049,485; Aug. 4.
- Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,053,888; Sept. 8.
- Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,053,889; Sept. 8.
- Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track switch controlling apparatus. 2,060,486; Nov. 10.
- Allen, Earl M., Edgewood, and H. S. Young, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,027,715; Jan. 14.
- Allen, Earl M., Edgewood, Pa., and C. A. Brooks, Forest Hills, N. Y., assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,056,817; Oct. 6.
- Allen, Edgar W., Eldon, Mo. Storage battery. 2,027,262; Jan. 7.
- Allen, Edmund T., Encinitas, A. L. Klein, Los Angeles, C. B. Millikan, Pasadena, and J. K. Northrop, Glendale, assignors to The Northrop Corporation, Inglewood, Calif. Lateral control system for aircraft. 2,054,961; Sept. 22.
- Allen, Edward B., and M. D. Knox, Newtown, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Buttonhole sewing machine. 2,056,758; Oct. 6.
- Allen, Edward B., and M. D. Knox, Newtown, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Buttonhole sewing machine. 2,056,759; Oct. 6.
- Allen, Edward W., Jr., Washington, D. C. Automatic program selector for radio receivers. 2,060,546; Nov. 10.
- Allen Electric & Equipment Co. (See Allen, Gerald H., assignor.)
- Allen, Erhard, assignor to The Dayton Display Fixture Company, Dayton, Ohio. Caddy fixture. 2,035,935; Mar. 31.
- Allen, Erhard, assignor to The Dayton Display Fixture Company, Dayton, Ohio. Air circulating means for display fixtures. 2,035,936; Mar. 31.
- Allen, Frank B., and S. E. Allen, Glen Ridge, assignors to C-O-Two Fire Equipment Company, Newark, N. J. Recoil check for carbon dioxide cylinders. 2,050,032; Aug. 4.
- Allen, Frank C., Jr., Pelham Manor, N. Y. Dispensing container. 2,063,288; Dec. 8.
- Allen, Frank M., Summit, and W. S. Egge, East Orange, N. J., assignor to Congoleum-Nairn Inc. Adhesive. 2,064,139; Dec. 15.
- Allen, George M. (See Collins, B. W., Kennedy, and Allen.)
- Allen George W., Hyde Park, Boston, assignor to B. F. Sturtevant Company, Boston, Mass. Bearing. 2,060,651; Nov. 10.
- Allen, George W., and L. B., Boston, assignors to B. F. Sturtevant Company, Hyde Park, Mass. Vacuum cleaner. 2,042,328; May 26.
- Allen, Gerald H., assignor to Allen Electric & Equipment Co., Kalamazoo, Mich. Distributor testing apparatus. 2,052,688; Sept. 1.
- Allen, Gerald H., assignor to Allen Electric & Equipment Company, Kalamazoo, Mich. Method and apparatus for testing breaker mechanisms. 2,056,416; Oct. 6.
- Allen, Gerald H., assignor to Allen Electric & Equipment Company, Kalamazoo, Mich. Tester for breaker mechanisms. 2,057,871; Oct. 20.
- Allen, Gerald H., assignor to Allen Electric & Equipment Co., Kalamazoo, Mich. Apparatus for analyzing exhaust gases. 2,059,428; Nov. 3.
- Allen, Harry L., assignor to The Bruce-Macbeth Engine Company, Cleveland, Ohio. Valve element and forming the same. 2,056,160; Oct. 6.
- Allen, Henry A., trustee, et al. (See Pratt, Harry P., assignor.)
- Allen, Herbert. (See Tennant, J. A., and Allen.)
- Allen, Herbert, Houston, assignor, by mesne assignments, to Stephens Pump Company, Round Rock, Tex. Pump. 2,030,041; Feb. 11.
- Allen, Herbert, and M. T. Works, Houston, assignors, by mesne assignments, to Stephens Pump Company, Round Rock, Tex. Pump. 2,047,540; July 14.
- Allen, Howard C., Vancouver, British Columbia, Canada. Measuring valve. 2,028,816; Jan. 28.
- Allen, Hugh E., Evanston, Ill. Meat curing composition. 2,054,646; Sept. 15.
- Allen, Hugh E., assignor of one-half to A. G. McCaleb, Evanston, Ill. Celery salt. 2,046,862; July 7.
- Allen, Hugh E., assignor of one-half to A. G. McCaleb, Evanston, Ill. Sausage manufacture. 2,060,160; Nov. 10.
- Allen, J. Weston, et al. (See Whitford, Arley C., assignor.)
- Allen, James L. (See Stinson, Lyman A., assignor.)
- Allen, John E., M. J. Blew, and A. C. Wood, Philadelphia, Pa. Refuse destructor. 2,045,115; June 23.
- Allen, John W., assignor of forty-nine per cent to W. M. Blain, Greenwood, Miss. Smokestack painter. 2,030,840; Feb. 18.
- Allen, Joseph W., East Orange, N. J. Storage battery. 2,055,645; Sept. 29.
- Allen, Joseph W., East Orange, and C. I. McNeil, Bloomfield, assignors, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Alternating current supply. 2,055,057; Sept. 22.
- Allen, Joseph W., East Orange, and C. I. McNeil, Bloomfield, assignors to Eclipse Aviation Corporation, East Orange, N. J. Alternating current supply. 2,055,058; Sept. 22.
- Allen, Joseph W., East Orange, and C. I. McNeil, Bloomfield, assignors to Eclipse Aviation Corporation, East Orange, N. J. Alternating current supply. 2,055,059; Sept. 22.
- Allen, Lambeth S., Chicago, Ill. Addressing plate. 2,032,459; Mar. 3.
- Allen, Lee E., assignor to Pennsylvania Engineering Works, New Castle, Pa. Drive mechanism for hot metal mixers and the like. 2,057,356; Oct. 13.
- Allen, Lena B. (See Allen, George W., and L. B.)
- Allen, Lewis, Detroit, Mich. Door. 2,064,401; Dec. 15.
- Allen Manufacturing Company, The. (See Gates, Clarence S., assignor.)
- Allen, Percy H., Seattle, Wash. Trolling spoon. 2,058,121; Oct. 20.
- Allen, Ralph S. (See Smith, Paul S., assignor.)
- Allen, Ralph W., Sioux City, Iowa. End gate for trucks. 2,047,453; July 14.
- Allen, Raymond P., Akron, Ohio. Tobacco. 2,063,014; Dec. 8.
- Allen, Raymond W. (See Dillon, J. H., and Allen.)
- Allen, Raymond W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for testing rubber. 2,048,314; July 21.
- Allen, Russell B., Lexington, assignor to J. W. Moore Valve Corporation, Everett, Mass. Pressure, vacuum, and temperature relief valve. 2,065,417; Dec. 22.
- Allen, Russell G., Alton, Ill., assignor to Owens-Illinois Glass Company. Glassware forming machine. 2,041,671; May 19.
- Allen, Scott E. (See Allen, Frank B., and S. E.)
- Allen, Scott E., Glen Ridge, assignor to C-O-Two Equipment Company, Newark, N. J. Discharging fluid pressure containers. 2,047,049; July 7.
- Allen, Scott E., Glen Ridge, assignor to C-O-Two Fire Equipment Company, Newark, N. J. Discharge head for fluid containers. 2,059,189; Nov. 3.
- Allen, Scott E., Glen Ridge, assignor to C-O-Two Fire Equipment Company, Newark, N. J. Fire extinguishing system. 2,059,190; Nov. 3.
- Allen, Scott E., Los Angeles, Calif., assignor, by mesne assignments, to C-O-Two Fire Equipment Company, Newark, N. J. Fire extinguishing system. 2,050,687; Aug. 11.
- Allen, Scott E., Glen Ridge, N. J., and O. N. Wiswell, Los Angeles, Calif., assignors to C-O-Two Fire Equipment Company, Newark, N. J. Nonstalling self-energizing head for puncturing closure disks. 2,051,589; Aug. 18.
- Allen, Sterling E., Long Pine, Nebr. Hitch. 2,036,993; Apr. 14.
- Allen, Thomas J., San Antonio, Tex. Expander for pistons. 2,045,819; June 30.
- Allen, Victor O., Madison, N. J., assignor, by mesne assignments, to Radio Corporation of America. Heater element for electron discharge devices. 2,035,109; Mar. 24.



- Allen, Victor O., Madison, N. J., assignor to Hygrade Sylvania Corporation, Salem, Mass. Electric discharge device. 2,054,234; Sept. 15.
- Allen, Victor O., Madison, N. J., assignor to Hygrade Sylvania Corporation, Salem, Mass. Electron discharge device. 2,063,360; Dec. 8.
- Allen, W. D., Manufacturing Company. (See Meng, Harry E., assignor.)
- Allen-Wales Adding Machine Corporation. (See Schroder, Charles, assignor.)
- Allen, William H., assignor to American Potash & Chemical Corporation, Trona, Calif. Producing calcined borax. 2,032,388; Mar. 3.
- Allen, William H., W. A. Gale, and C. F. Ritchie, assignors to American Potash & Chemical Corporation, Trona, Calif. Apparatus for the manufacture of sodium carbonate monohydrate. 2,035,441; Mar. 31.
- Allen, William H., E. Underhill, and C. F. Ritchie, assignors to American Potash & Chemical Corporation, Trona, Calif. Apparatus for effecting dissolution or lixivation. 2,042,818; June 2.
- Allen, William R., 3d. (See Walker, C. L., Moatz, and Allen.)
- Allendorff, Friedrich, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Cage for rolling bearings. 2,035,417; Mar. 24.
- Allerton, Warren E., Benton Harbor, Mich. Holder for Christmas tree or other objects. 2,028,129; Jan. 21.
- Alles, Francis P., Buffalo, assignor to Du Pont Rayon Company, New York, N. Y. Artificial thread and method of making same. 2,053,123; Sept. 1.
- Alles, John J., Wilkes-Barre, Pa. Electric cable. 2,056,085; Sept. 29.
- Alles, Richard. (See Schuette, H., and Alles.)
- Alley, John D., Pittsburgh, Pa., assignor to American Brakeblok Corporation, New York, N. Y. Making composition friction elements. 2,016,767; Jan. 7.
- Alley, Joseph D. (See Alley, Thomas R., and J. D.)
- Alley, Thomas R., and J. D., Alletton, assignors of one-half to E. D. Estlinbaum, Colorado County, Texas. Huller. 2,046,993; July 7.
- Alred, William P., Jr. (See Turner, F. E., and Allred.)
- Allgemeine Elektrizitäts Gesellschaft. (See Daene, Herbert, assignor.)
- Allgemeine Elektrizitäts-Gesellschaft. (See Helm, Max, assignor.)
- Allgemeine Elektrizitäts Gesellschaft. (See Kniepen, Peter, assignor.)
- Allgemeine Elektrizitäts-Gesellschaft. (See Schubert, Paul, assignor.)
- Allgemeine Elektrizitäts Gesellschaft, Friedrich Karl. (See Weth, M., and Traub, assignors.)
- Allgemeine Elektrizitätz. (See Agricola, Alfred, assignor.)
- Allgemeine Elektrizitätz Gesellschaft. (See Brüche, Ernst, assignor.)
- Allgemeine Elektrizitätz Gesellschaft. (See König, Erwin, assignor.)
- Allgemeine Elektrizitätz Gesellschaft. (See Lichte, H., Zeh, Glass, and Schwarz, assignors.)
- Allgemeine Elektrizitätz Gesellschaft. (See Zeh, Martin, assignor.)
- Allgeo, Harry D. (See Wanamaker, E., and Allgeo.)
- Allgrunn, Carl G. (See Cary, J. B., Allgrunn, and Hollinger.)
- Alliance Machine Company, The. (See Keller, Walter D., assignor.)
- Alliance Machine Company, The. (See Keller, W. D., and Kendall, assignors.)
- Alliance Machine Company, The. (See Poto, William L., assignor.)
- Allied Engineering Company. (See Schmidt, Erwin J., assignor.)
- Allied Manufacturers, Inc. (See Jack, D., and Matisek, assignors.)
- Allied Products Corporation. (See Richard, Clement C., assignor.)
- Allievi, Joseph, West New York, and H. Cadorette, Cliffside, N. J. Spring tool. 2,042,287; May 26.
- Alling, E. Roy, Kenmore, N. Y. Unloader for washed cans and covers. 2,041,451; May 19.
- Alling, E. Roy, Kenmore, N. Y. Chain. 2,065,931; Dec. 29.
- Allis-Chalmers Manufacturing Company. (See Dahlstrand, Hans P., assignor.)
- Allis-Chalmers Manufacturing Company. (See Hill, Leonard H., assignor.)
- Allis-Chalmers Manufacturing Company. (See Hodtum, Joseph B., assignor.)
- Allis-Chalmers Manufacturing Company. (See Johnson, George W., assignor.)
- Allis-Chalmers Manufacturing Company. (See Journeaux, Didier, assignor.)
- Allis-Chalmers Manufacturing Company. (See Kollberg, Gustaf L., assignor.)
- Allis-Chalmers Manufacturing Company. (See Lindberg, Ivar, assignor.)
- Allis-Chalmers Manufacturing Company. (See Marti, Othmar K., assignor.)
- Allis-Chalmers Manufacturing Company. (See Newhouse, Ray C., assignor.)
- Allis-Chalmers Manufacturing Company. (See Newhouse, R. C., Montgomery, and Feind, assignors.)
- Allis-Chalmers Manufacturing Company. (See Norelius, E. F., and Yount, assignors.)
- Allis-Chalmers Manufacturing Company. (See Nye, Henry V., assignor.)
- Allis-Chalmers Manufacturing Company. (See Peter, Charles, assignor.)
- Allis-Chalmers Manufacturing Company. (See Pfau, Arnold, assignor.)
- Allis-Chalmers Manufacturing Company. (See Rheingans, W. J., and Ring, assignors.)
- Allis-Chalmers Manufacturing Company. (See Ring, Joseph J., assignor.)
- Allis-Chalmers Manufacturing Company. (See Sillers, Thomas G. A., assignor.)
- Allis-Chalmers Manufacturing Company. (See Smith, Beecher D., assignor.)
- Allis-Chalmers Manufacturing Company. (See Stivender, Paul M., assignor.)
- Allis-Chalmers Manufacturing Company. (See Strehlow, Walter F., assignor.)
- Allis-Chalmers Manufacturing Company. (See Vogt, Robert F., assignor.)
- Allis-Chalmers Manufacturing Company. (See Wilkinson, Nathan, assignor.)
- Allis-Chalmers Manufacturing Company. (See William-son, Robert B., assignor.)
- Allis-Chalmers Manufacturing Company. (See Winograd, Harold, assignor.)
- Allis-Chalmers Manufacturing Company. (See Yunker, William E., assignor.)
- Allis, Louis, Company, The. (See Keely, Leroy F., assignor.)
- Allis, Louis, Company, The. (See Rathbun, F. J., and Owen, assignors.)
- Allison, Donald K. (See Dieterich, L. M., and Allison.)
- Allison, Donald K., Los Angeles, Calif. pH control. 2,063,140; Dec. 8.
- Allison, Donald K., Los Angeles, Calif., assignor, by mesne assignments, to Detracolor, Ltd. Light-sensitive layer and method of producing colored pictures. 2,034,220; Mar. 17.
- Allison, Donald K., Beverly Hills, Calif., assignor to Detracolor Ltd. Photographic film and treating same. 2,036,994; Apr. 14.
- Allison, John J., Chandler, and I. F. Collier, Tempe, Ariz. Machine for leveling land and forming borders. 2,057,407; Oct. 13.
- Allison, John T. (See Cleveland, C. H., Heine, and Allison.)
- Allison, John W., assignor of two-fifths to D. Roth, Herrs Island, Pittsburgh, Pa. Telephone dial light. 2,033,116; Mar. 10.
- Allison, Kenneth C. (See Dressel, H. M., and Allison.)
- Allison, Leslie R. (See Sorensen, A. J., and Allison.)
- Allison, Merrill F., Clarksburg, W. Va., assignor to Pittsburgh Plate Glass Company. Apparatus for cracking scored glass sheets. 2,042,819; June 2.
- Allison, Robert L., assignor to United States Envelope Company, Springfield, Mass. Paper drinking cup. 2,045,746; June 30.
- Allison, Sewell W., West Orange, N. J., and J. B. McKim, Douglas Manor, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone exchange system. 2,027,142; Jan. 7.
- Allmänna Svenska Elektriska Aktiebolaget. (See Åkerman, Olof, assignor.)
- Allmänna Svenska Elektriska Aktiebolaget. (See Dreyfus, Ludwig, assignor.)
- Allmänna Svenska Elektriska Aktiebolaget. (See Helmer, Govert, assignor.)
- Allmänna Svenska Elektriska Aktiebolaget. (See Lamm, Uno, assignor.)
- All Metal Card Table Corporation et al. (See Kleen, Henry O., assignor.)
- Al-Ion Manufacturing Co. (See London, Harry, assignor.)
- Alloo, William, Dunedin, New Zealand. Food slicing and sandwich making machine. 2,055,398; Sept. 22.
- Allott, Reginald W. (See Hopp, Richard, assignor.)
- Alphin, Willard J., Andover, assignor to MacGregor Instrument Company, Needham, Mass. Indicating sterilizing temperatures. 2,046,863; July 7.
- Alred, George W., Mayodan, N. C. Cleaning device for circular knitting machinery. 2,045,509; June 23.
- Alred, Otis B., assignor of one-fourth to R. D. McIver, Wichita Falls, Tex. Tank car valve. 2,059,078; Oct. 27.
- Alred, William P., Jr. (See Turner, F. E., and Allred.)
- Allstatter, Nicholas. (See Borntraeger, Arthur G., assignor.)
- All-Steel-Equip Company. (See Knell, John, assignor.)
- All Steel Products Manufacturing Company, The. (See Cardwell, Harland W., assignor.)
- All Steel Products Manufacturing Company, The. (See Guier, William C., assignor.)
- All Steel Products Manufacturing Company, The. (See Guier, W. C., and Brown, assignors.)
- Allsworth, Terrence W., assignor to The American Rolling Mill Company, Middletown, Ohio. Pack rolling ferrous metals. 2,034,425; Mar. 17.
- Allsworth, Terrence W., assignor to The American Rolling Mill Company, Middletown, Ohio. End matching device for rolling mill packs. 2,065,880; Dec. 29.
- Allton, Robert A., Columbus, Ohio, assignor to Builders Iron Foundry, Providence, R. I. Flow meter for sewage. 2,058,654; Oct. 27.
- Allward, George A., Hagerstown, Md. Band saw and the like. 2,043,603; June 9.



- Allyn, Newell O., South Gate, Calif. Internal combustion engine. 2,047,933; July 21.
- Allyn, William N., Auburn, N. Y. Ophthalmoscope. 2,027,663; Jan. 14.
- Allyne, Edmund E., assignor to Allyne Laboratories, Inc., Cleveland, Ohio. Circulatory loop. 2,043,723; June 9.
- Allyne, Edmund E., assignor to Allyne Laboratories, Inc., Cleveland, Ohio. Absorption cycle refrigerating apparatus. 2,051,808; Aug. 25.
- Allyne Laboratories, Inc. (See Allyne, Edmund E., assignor.)
- Alm, Johan E., assignor to B. O. Von Platen, Stockholm, Sweden. Electrical direct current system. 2,029,212; Jan. 28.
- Alm, Johan E., assignor to Baltzar Carl von Platen, Stockholm, Sweden. Conversion of alternating currents into direct current or vice versa. 2,031,582; Feb. 25.
- Alma, Carl E., and M. Alma, deceased, by L. Alma, administratrix, Vienna, Austria. Continuous draft gear. 2,043,344; June 9.
- Alma, Lydia, administratrix. (See Alma, Carl E. and M.)
- Alma, Maximilian. (See Alma, Carl E. and M.)
- Almdale, Einar, Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Apparatus for forming elongated corrugated poles. 2,033,667; Mar. 10.
- Almdale, Einar, Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Grommet and attaching same to metal plates. 2,054,187; Sept. 15.
- Almen, John O. (See Gove, W. D., and Almen.)
- Almen, John O. (See Wood, W. A., and Almen.)
- Almen, John O., Royal Oak, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Testing lubricants. 2,045,555; June 23.
- Almen, John O., Royal Oak, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Collapsible molding core. 2,045,556; June 23.
- Almen, John O., Royal Oak, and A. Laszlo, assignors to General Motors Corporation, Detroit, Mich. Clutch mechanism. 2,045,557; June 23.
- Almen, John O., Royal Oak, and W. D. Gove, assignors to General Motors Corporation, Detroit, Mich. Control for toric friction transmission. 2,045,558; June 23.
- Almond, John R. (See Begg, R. S., Kuiper, and Almond.)
- Almquist, Frank G., Mount Vernon, N. Y. Numeral clock. 2,040,421; May 12.
- Almquist, Milton L., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Signaling system. 2,047,304; July 14.
- Alnett, Lawrence L., Jr., Los Angeles, and H. T. M. Rice, San Gabriel, Calif. Tire gauge. 2,057,321; Oct. 13.
- Aloe, Frank, Washington, Pa. Automobile tire chain. 2,063,535; Dec. 8.
- Alox Corporation. (See Burwell, Arthur W., assignor.)
- Alox Corporation. (See Burwell, A. W., and Kempe, assignors.)
- Alpeters, John C., assignor to Crescent Brass and Pin Company, Detroit, Mich. Roofing nail. 2,048,093; July 21.
- Alpine Electric Corporation. (See Fabrey, W. H., and Weber, assignors.)
- Alpine Electric Corporation. (See Weber, John, assignor.)
- Alrey Steel Products Company. (See Nelson, Reynold G., assignor.)
- Alsaker, Alfred, Chicago, and F. H. Cole, Oak Park, assignors to The Delta-Star Electric Company, Chicago, Ill. Disconnect plug and receptacle. 2,031,296; Feb. 18.
- Alsaker, Alfred, and M. Stene, assignors to The Delta-Star Electric Company, Chicago, Ill. Motor mechanism. 2,054,117; Sept. 15.
- Alsatian Machine Works, Limited. (See Bailey, Benjamin, assignor.)
- Alspaugh, James S., Columbus, Ohio. Gear shift mechanism. 2,057,810; Oct. 20.
- Alston, Paul W. (See Meredith, S. C., Alston, and Winslow.)
- Alston, Paul W. (See Meredith, S. C., Alston, Winslow, and White.)
- Alt, Arthur, assignor to Monsanto Chemical Company, St. Louis, Mo. Food flavoring composition. 2,027,361; Jan. 14.
- Alt, Cornelius A., E. H. Nollau, and D. A. Rankin, Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of coated fabrics. 2,033,170; Mar. 10.
- Altenkirch, Edmund. (See Nesselmann, K. V., and Altenkirch.)
- Altenkirch, Edmund, Neuenhagen, near Berlin, and K. Nesselmann, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin - Siemensstadt, Germany. Transformation of heat. 2,027,571; Jan. 14.
- Altgelt, Herman E., South Bend, Ind., assignor to Oliver Farm Equipment Company. Air cleaner. 2,033,368; Mar. 10.
- Altgelt, Herman E., South Bend, Ind., assignor to Oliver Farm Equipment Company. Tractor governor control. 2,036,670; Apr. 7.
- Altgelt, Herman E., South Bend, Ind., assignor to Oliver Farm Equipment Company. Tractor power lift and implement. 2,059,676; Nov. 3.
- Altgelt, Rudolph J., South Bend, Ind., assignor to Oliver Farm Equipment Company. Moldboard for plows. 2,041,519; May 19.
- Altgelt, Rudolph J., and C. H. Gemberling, South Bend, Ind., assignors to Oliver Farm Equipment Company. Implement attachment for crawler tractors. 2,048,914; July 28.
- Altgelt, Rudolf J., and C. H. Gemberling, South Bend, Ind., assignors to Oliver Farm Equipment Company. Disk plow. 2,057,080; Oct. 13.
- Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Method and apparatus for heating fluids. 2,029,291; Feb. 4.
- Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Heating fluids and apparatus therefor. 2,029,292; Feb. 4.
- Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,029,293; Feb. 4.
- Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,029,294; Feb. 4.
- Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,039,379; May 5.
- Alther, Joseph G., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Cracking oil. 2,061,820; Nov. 24.
- Alther, Joseph G., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Process and apparatus for treating hydrocarbon oils. 2,063,072; Dec. 8.
- Althouse, Arthur B., Manoa, Pa. Automobile control device. 2,042,202; May 26.
- Altick, Charles D., Dayton, Ohio. System of pulp preparation. 2,035,447; Mar. 31.
- Altieri, Alexander, Philadelphia, Pa. Water beater. 2,044,237; June 16.
- Altieri, Antonio, Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Multiple-lift truck. 2,050,643; Aug. 11.
- Altman, Fred E., assignor to Eastman Kodak Company, Rochester, N. Y. Optical system. 2,043,916; June 9.
- Altman, Fred E., assignor to Eastman Kodak Company, Rochester, N. Y. Optical system. 2,047,244; July 14.
- Altmann, Hans P., Berlin-Charlottenburg, Germany. Device for frightening animals. 2,060,161; Nov. 10.
- Altmayer, Frank, assignor to Willard Storage Battery Company, Cleveland, Ohio. Hydrometer syringe. 2,031,025; Feb. 18.
- Alton, William H., New York, N. Y., and H. I. Jones, Wilmette, Ill., assignors to R. T. Vanderbilt Co., Inc., New York, N. Y. Delustering of textiles. 2,057,469; Oct. 13.
- Altorfer, Henry W., Peoria, Ill. Ironing machine cabinet. 2,029,283; Feb. 4.
- Altos Hydraulic Devices Company. (See Stieler, Harry F., assignor.)
- Altpeter, Ludwig, Essen, Germany. Dehydration apparatus. 2,059,191; Nov. 3.
- Altwegg, Hans, and A. Eichler, Freiburg, Germany, assignors to Du Pont Rayon Company, New York, N. Y. Producing artificial thread. 2,053,310; Sept. 8.
- Altwick, Hubert. (See Schmidt, W., and Altwick.)
- Alumbaugh, Frank C., St. Joseph, Mo., assignor to M. N. Leibowitz, Philadelphia, Pa. Cigarette igniter and dispenser. 2,038,333; Apr. 21.
- Aluminium Plant & Vessel Company Limited, The. (See French, Thomas E., assignor.)
- Aluminum Alloys Welding Corporation. (See Malley, Nelson F., assignor.)
- Aluminum Company of America. (See Bengston, Helmer, assignor.)
- Aluminum Company of America. (See Bohn, Donald I., assignor.)
- Aluminum Company of America. (See Brown, Ralph W., assignor.)
- Aluminum Company of America. (See Callis, C. C., and Derr, assignors.)
- Aluminum Company of America. (See Dean, Milo M., assignor.)
- Aluminum Company of America. (See Dean, W. A., and Jancura, assignors.)
- Aluminum Company of America. (See Derr, Ralph B., assignor.)
- Aluminum Company of America. (See Derr, R. B., and Callis, assignors.)
- Aluminum Company of America. (See Fink, William L., assignor.)
- Aluminum Company of America. (See Frary, Francis C., assignor.)
- Aluminum Company of America. (See Growdon, James P., assignor.)
- Aluminum Company of America. (See Guyot, Marius, assignor.)
- Aluminum Company of America. (See Handler, Alfred A., assignor.)
- Aluminum Company of America. (See Herwood, John L., assignor.)
- Aluminum Company of America. (See Hopkins, Howard L., assignor.)
- Aluminum Company of America. (See Jardine, Frank, assignor.)
- Aluminum Company of America. (See Keller, Fred, assignor.)
- Aluminum Company of America. (See Kempf, L. W., and Dean, assignors.)



- Aluminum Company of America. (See Mason, R. B., and Tosterud, assignors.)
- Aluminum Company of America. (See McLaughlin, Joseph E., assignor.)
- Aluminum Company of America. (See Monroe, Robert A., assignor.)
- Aluminum Company of America. (See Moore, George L., assignor.)
- Aluminum Company of America. (See Nock, Joseph A., Jr., assignor.)
- Aluminum Company of America. (See Nock, J. A., Jr., and Freche, assignors.)
- Aluminum Company of America. (See Norton, A. B., and Guyot, assignors.)
- Aluminum Company of America. (See Noyes, M. E., and Monroe, assignors.)
- Aluminum Company of America. (See Paine, Roy E., assignor.)
- Aluminum Company of America. (See Stickley, George W., assignor.)
- Aluminum Company of America. (See Strattard, Charles L., assignor.)
- Aluminum Company of America. (See Stroup, Philip T., assignor.)
- Aluminum Company of America. (See Templin, Richard L., assignor.)
- Aluminum Company of America. (See Tosterud, Martin, assignor.)
- Aluminum Company of America. (See Updegraff, Hughes B., assignor.)
- Aluminum Company of America. (See Weigel, Melvin P., assignor.)
- Aluminum Company of America. (See Work, Harold K., assignor.)
- Aluminum Cooking Utensil Company. (See Cisco, Edward S., assignor.)
- Aluminum Cooking Utensil Company, The. (See Matter, J. K., and Geiger, assignors.)
- Aluminum Goods Manufacturing Company. (See Larsen, Alantser F., assignor.)
- Aluminum-Industrie-Aktien-Gesellschaft. (See Preiswerk, Max, assignor.)
- Aluminum Ladder Company. (See Carbis, Samuel H., assignor.)
- Aluminum Specialty Company. (See Spindler, Walter E., assignor.)
- Alusas, Joseph G., Sharon Hill, Pa. Support. 2,063,289; Dec. 8.
- Alvarado, Alfonso M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aqueous dispersions of hydrogenated rubber and preparing the same. 2,063,073; Dec. 8.
- Alvarado, Alfonso M., and H. J. Barrett, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated fabric. 2,065,881; Dec. 29.
- Alvarado, Alfonso M., R. B. Flint, and L. P. Hubbuch, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated fabric. 2,061,127; Nov. 17.
- Alvarez, Leo A. (See Willats, H. B., and Alvarez.)
- Alvear, Victor, Brooklyn, assignor of one-half to E. Young, Long Island City, N. Y. Tap for liquid receptacles. 2,062,199; Nov. 24.
- Alvey-Ferguson Company, The. (See Stokes, William K., assignor.)
- Alvord, Clayton H., Hastings, assignor to Tridex Machine Corporation, New York, N. Y. Method and apparatus for treating surfaces. 2,044,557; June 16.
- Amal Limited. (See Rae, W., and Tisdell, assignors.)
- Amann, Max, and S. Cahn, Frankfurt-on-the-Main, Germany. Double current telegraph installation. 2,047,091; July 7.
- Amaru, Fortunata. (See Amaru, Liborio, assignor.)
- Amaru, Liborio, assignor of one-half to F. Amaru, Boston, Mass. Nonrefillable bottle and container stopper. 2,031,446; Feb. 18.
- Amati, Luigi. (See Bocca, C., and Amati.)
- Amato, Irving J., assignor of one-half to E. F. Fahey, Pittsfield, Mass. Sprayer. 2,058,391; Oct. 27.
- Amberg, Walter E., assignor to Universal Paper Products Company, Chicago, Ill. Paper container and producing same. 2,056,893; Oct. 6.
- Ambjörnson, Gustav A., Herrljunga, Sweden. Propeller. 2,047,847; July 14.
- Ambrose, Clarence M. (See Lamb, Harry, assignor.)
- Ambrose, Henry A. (See Loomis, A. G., Teplits, and Ambrose.)
- Ambrose, Henry A., Pittsburgh, Pa., assignor to Gulf Research & Development Corporation, Wilmington, Del. Shutting off water in oil wells. 2,032,825; Mar. 3.
- Ambrose, Henry A., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Lubricating jelly. 2,056,594; Oct. 6.
- Ambrose, Henry A., and A. J. Teplitz, Pittsburgh, Pa., assignors to Gulf Research & Development Corporation, Wilmington, Del. Treatment of oil wells. 2,032,826; Mar. 3.
- Amburster, Cornelius, Roslyn, assignors to The Electric Storage Battery Company, Philadelphia, Pa. Storage battery terminal post structure. 2,059,506; Nov. 3.
- Ambursen Construction Company. (See Davis, Calvin V., assignor.)
- Amco, Incorporated. (See Geer, Paul L., assignor.)
- Amco, Incorporated. (See Morton, William A., assignor.)
- Amco, Incorporated. (See Morton, W. A., and Spencer, assignors.)
- Amdur, Leon H., assignor to Masterpiece Radio Corp., Brooklyn, N. Y. Radio receiving set. 2,062,632; Dec. 1.
- Amend, William J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing a tolyl carbonyl. 2,040,913; May 19.
- Amend, William J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic hydrogenation of aromatic aldehydes. 2,046,011; June 30.
- American Agricultural Chemical Company, The. (See Klosky, Simon, assignor.)
- American Air Filter Company. (See Birkholz, Hans E., assignor.)
- American Air Filter Company. (See Hegan, Chester P., assignor.)
- American Air Filter Company. (See Sylvan, Stig G.: Son, assignor.)
- American Anode Incorporated. (See Albright, R. W., and Szegvari, assignors.)
- American Anode, Inc. (See Beal, Carl L., assignor.)
- American Anode Inc. (See Hansen, Merrill E., assignor.)
- American Anode, Inc. (See Hansen, M. E., and Beal, assignors.)
- American Anode Incorporated. (See Twiss, Douglas F., assignor.)
- American Anode, Inc. (See Winder, George L., assignor.)
- American Armament Corporation. (See Joyce, Bryan P., assignor.)
- American Asphalt Paint Co. (See Ford, Thomas C., assignor.)
- American Asphalt Roof Corporation. (See Venrick, Emmett E., assignor.)
- American Automatic Devices Co. (See Howard, Frank C., assignor.)
- American Bank Note Company. (See Holland, Walter, assignor.)
- American Bank Note Company. (See Marquardt, Frank C., assignor.)
- American Bank Note Company. (See Wittnebel, Arthur A., assignor.)
- American Bemberg Corporation. (See Bauriedel and Knehe, assignors.)
- American Bemberg Corporation. (See Hardt, Gustav, assignor.)
- American Bemberg Corporation. (See Hartmann, August, assignor.)
- American Bemberg Corporation. (See Hartmann, A., and Bauriedel, assignors.)
- American Bemberg Corporation. (See Hofmann, H., and Richter, assignors.)
- American Bemberg Corporation. (See Kumichel, Wilhelm, assignor.)
- American Bemberg Corporation. (See Ostermann, Walter, assignor.)
- American Bemberg Corporation. (See Ostermann, W., Kumichel, and Höfinghoff, assignors.)
- American Bemberg Corporation. (See Sellner, E., and Starck, assignors.)
- American Bemberg Corporation. (See Zinselmeyer, Walter, assignor.)
- American Bicheroux Company, The. (See von Reis, Lambert, assignor.)
- American Bitumuls Company. (See Watts, Vilas E., assignor.)
- American Blind Stitch Machine Company. (See Dearborn, Charles A., assignor.)
- American Blind Stitch Machine Company. (See Rivers, Louis, assignor.)
- American Blower Corporation. (See Alison, Noah L., assignor.)
- American Blower Corporation. (See O'Brien, James H., assignor.)
- American Box Board Company. (See Anderson, Wilbur G., Jr., assignor.)
- American Brake Company, The. (See Redford, John E., assignor.)
- American Brakeblok Corporation. (See Alley, John D., assignor.)
- American Brakeblok Corporation. (See Lidkea, H. J., and Spokes, assignors.)
- American Brakeblok Corporation. (See Smith, Harry N., assignor.)
- American Brakeblok Corporation. (See Spokes, Ray E., assignor.)
- American Brakeblok Corporation. (See Spokes, R. E., and Willard, assignors.)
- American Brake Shoe and Foundry Company, The. (See Pogue, Robert B., assignor.)
- American Brass Company, The. (See Bronson, George E., assignor.)
- American Brass Company, The. (See Butterbaugh, Homer W., assignor.)
- American Brass Company, The. (See Coe, James R., assignor.)
- American Brass Company, The. (See Cooper, Charles F., assignor.)
- American Brass Company, The. (See Davis, C. H., and Munson, assignors.)
- American Brass Company, The. (See Davis, C. H., Munson, and Smith, assignors.)
- American Brass Company, The. (See Freeman, J. R., Jr., and Hungerford, assignors.)
- American Brass Company, The. (See Jennison, Herbert C., assignor.)
- American Brass Company, The. (See Little, Thomas J., assignor.)



- American Brass Company, The. (See Maxwell, James C. G., assignor.)  
 American Brass Company, The. (See Munson, Elmer L., assignor.)  
 American Brass Company, The. (See Pierson, Harold L., assignor.)  
 American Brass Company, The. (See Rippere, William H., assignor.)  
 American Brass Company, The. (See Silliman, Horace F., assignor.)  
 American Brass Company, The. (See Smith, Cyril S., assignor.)  
 American Buckle Company, The. (See Hodge, Robert J., assignor.)  
 American Buckle Co. (See Troendly, Harry P., assignor.)  
 American Buckle Co. (See White, P. W., and Heinze, assignors.)  
 American Cabinet Hardware Corp. (See Aldeen, Gedor W., assignor.)  
 American Cable Company. (See Bratz, Otto, assignor.)  
 American Cable Co. (See Briggs, Arthur J., assignor.)  
 American Cable Company. (See Burd, Gorman C., assignor.)  
 American Cable Company. (See Ensinger, M. G., and Voigtlander, assignors.)  
 American Cable Company. (See Williams, Harry, assignor.)  
 American Can Company. (See Bach, Neils P., assignor.)  
 American Can Company. (See Baechle, James E., assignor.)  
 American Can Company. (See Ball, C. O., and Wilbur, assignors.)  
 American Can Company. (See Benjamin, Howard A., assignor.)  
 American Can Company. (See Cortilet, Michael P., assignor.)  
 American Can Company. (See Eberhart, Felix, assignor.)  
 American Can Company. (See Edwards, Harvey G., assignor.)  
 American Can Company. (See Erne, Charles H., assignor.)  
 American Can Company. (See Foss, Fred G., assignor.)  
 American Can Company. (See Groenke, Walter E., assignor.)  
 American Can Company. (See Haynes, Spencer S., assignor.)  
 American Can Company. (See Heald, Matthew L., assignor.)  
 American Can Company. (See Hoffman, Edmund, assignor.)  
 American Can Company. (See Holloway, James M., assignor.)  
 American Can Company. (See Hothersall, John M., assignor.)  
 American Can Company. (See Jacobs, S. S., and Rooney, assignor.)  
 American Can Company. (See Jones, Lyman L., assignor.)  
 American Can Company. (See Korwan, Henry B., assignor.)  
 American Can Company. (See Lord, William R., assignor.)  
 American Can Company. (See Luthi, Robert, assignor.)  
 American Can Company. (See Murch, John H., assignor.)  
 American Can Company. (See Nicholls, Henry M., assignor.)  
 American Can Company. (See Nordquist, Ronald E. J., assignor.)  
 American Can Company. (See Nordquist, R. E. J., and Le Frank, assignors.)  
 American Can Company. (See O'Hara, William M., assignor.)  
 American Can Company. (See Peters, John F., assignor.)  
 American Can Company. (See Philp, William J., assignor.)  
 American Can Company. (See Reynolds, Henry T., assignor.)  
 American Can Company. (See Robinson, John E., assignor.)  
 American Can Company. (See Rooney, Walter E., assignor.)  
 American Can Company. (See Saalbach, Arthur A., assignor.)  
 American Can Company. (See Shirley, Samuel C., assignor.)  
 American Can Company. (See Taylor, William E., assignor.)  
 American Can Company. (See Wardell, William J., assignor.)  
 American Can Company. (See Wise, John H., assignor.)  
 American Can Company. (See Young, John M., assignor.)  
 American Car and Foundry Company. (See Christiansen, John, assignor.)  
 American Car and Foundry Company. (See Clade, Robert, assignor.)  
 American Car and Foundry Company. (See Clade, R., and Knox, assignors.)  
 American Car and Foundry Company. (See Field, Henry P., assignor.)  
 American Car and Foundry Company. (See Griffin, William T., assignor.)  
 American Car and Foundry Company. (See Johnson, Warren V., assignor.)  
 American Car and Foundry Company. (See Kepner, Robert C., assignor.)  
 American Car and Foundry Company. (See Rich, Donald U., assignor.)  
 American Car and Foundry Company. (See Schroeder, Ernest R., assignor.)  
 American Car and Foundry Company. (See Shields, Robert A., assignor.)  
 American Car and Foundry Company. (See Thompson, J. B. D., and Udstad, assignors.)  
 American Car and Foundry Company. (See Willoughby, Victor, assignor.)  
 American Car and Foundry Motors Company. (See Chapman, James F., assignor.)  
 American Car and Foundry Motors Company. (See Doyle, Willis G., assignor.)  
 American Carbolite Company. (See Duncan, David C., assignor.)  
 American Cast Iron Pipe Company. (See Moore, William D., assignor.)  
 American Cast Iron Pipe Company. (See Stevens, Fred, assignor.)  
 American Centrifugal Corporation. (See Pecker, Joseph S., assignor.)  
 American Chain Company. (See Bleecker, William H., Jr., assignor.)  
 American Chain Company. (See Graham, Frank A., assignor.)  
 American Chain Company. (See La Mont, Walter D., assignor.)  
 American Chain Company. (See Lewis, D., Walsh, and Lashar, assignors.)  
 American Chain Company. (See Rechard, O. H., and Kuhlman, assignors.)  
 American Chain Company. (See Reyburn, John R., assignor.)  
 American Chain Company. (See Williams, Charles G., assignor.)  
 American Chemical Paint Company. (See Mackenzie, Franklin H., assignor.)  
 American Chemical Paint Company. (See Saukaitis, Albert J., assignor.)  
 American Coach & Body Company. (See Larsen, Neil P., assignor.)  
 American Colloid Corporation. (See Amthor, F., and Reinhard, assignors.)  
 American Colloid Sales Division, Inc. (See Bechtner, P., and Hirschmann, assignors.)  
 American Colortype Company. (See Vierling, Lester L., assignor.)  
 American Concrete and Steel Pipe Company. (See Whiting, William A., assignor.)  
 American Concrete Units Co. Inc. (See Shinn, A. R., and Voorheis, assignors.)  
 American Coolair Corporation. (See Baker, George W., assignor.)  
 American Cooling Tower Company. (See Hopkins, E. R., and Baraban, assignors.)  
 American Cyanamid & Chemical Corporation. (See Asbury, Thomas W. and R. A., and Fredriksson, assignors.)  
 American Cyanamid & Chemical Corporation. (See Clark, Cyril B., assignor.)  
 American Cyanamid & Chemical Corporation. (See Davis, Clarke F., assignor.)  
 American Cyanamid & Chemical Corporation. (See Fredriksson, John F., assignor.)  
 American Cyanamid & Chemical Corporation. (See Harding, W. H., and Montgomery, assignors.)  
 American Cyanamid & Chemical Corporation. (See Jaeger, Alphons O., assignor.)  
 American Cyanamid & Chemical Corporation. (See Lurie, David, assignor.)  
 American Cyanamid & Chemical Corporation. (See Uhde, Georg F., assignor.)  
 American Cyanamid Company. (See Christmann, L. J., and Falconer, assignors.)  
 American Cyanamid Company. (See Christmann, L. J., and Jayne, assignors.)  
 American Cyanamid Company. (See Clark, Cyril B., assignor.)  
 American Cyanamid Company. (See Cox, George E., assignor.)  
 American Cyanamid Company. (See Moffett, Ernest C., assignor.)  
 American Cyanamid Company et al. (See Reynolds, Blythe M., assignor.)  
 American Cyanamid Company. (See Ripper, Kurt, assignor.)  
 American Cyanamid Company. (See Rosenstein, Ludwig, assignor.)  
 American Cyanamid Company. (See Rossiter, E. C., and Brookes, assignors.)  
 American Cyanamid Company. (See Watson, Philip B., assignor.)  
 American Cyanamid Company. (See Wheway, James G., assignor.)  
 American Cystoscope Makers, Inc. (See Wappler, F. C., and Farber, assignors.)  
 American District Steam Company. (See Hall, Robert, assignor.)  
 American District Telegraph Company. (See Hopkins, Richard M., assignor.)  
 American District Telegraph Company. (See Hopkins, R. M., and Laford, assignors.)  
 American District Telegraph Company. (See Hopkins, R. M., and Spamer, assignors.)



- American District Telegraph Company. (See Johnson, C. C., Hopkins, and Spamer, assignors.)  
 American Electric Company of California. (See Berryman, E. H., and Huppert, assignors.)  
 American Electric Fusion Corporation. (See Corwin, Howard D., assignor.)  
 American Electric Fusion Corporation. (See von Henke, Edmund J., assignor.)  
 American Electric Heating Company. (See Gannon, James E., assignor.)  
 American Electrical Corporation of Massachusetts. (See Mason, William K., assignor.)  
 American Encaustic Tiling Company. (See McCoy, William, assignor.)  
 American Engineering Company. (See Bennett, Joseph S., assignor.)  
 American Engineering Company. (See Koons, Charles V., assignor.)  
 American Engineering Company. (See Link, Harry W., assignor.)  
 American Engineering Company. (See Preston, Herbert E., assignor.)  
 American Engineering Company. (See Sibbe, Carl F., assignor.)  
 American Enka Corporation. (See Bouhuys, Aleidus G., assignor.)  
 American Enka Corporation. (See Hubbeling, Johan D. W., assignor.)  
 American Enka Corporation. (See Kriek, Peter P., assignor.)  
 American Enka Corporation. (See Moog, Karl, assignor.)  
 American Enka Corporation. (See Moritz, Adrian J. L., assignor.)  
 American Enka Corporation. (See Moritz, A. J. L., and Schilthuis, assignors.)  
 American Enka Corporation. (See Schrenk, Hans A., assignor.)  
 American Enka Corporation. (See Sunderland, Alfred E., assignor.)  
 American Envelope Company. (See Cowan, H. G., Lake, and Urbanowitz, assignors.)  
 American Feather Products Corporation. (See Buchman, Elias, assignor.)  
 American Fixture & Showcase Manufacturing Company. (See Schott, Peter, Jr., assignor.)  
 American Flange & Manufacturing Company. (See Sample, F. W., and Ross, assignors.)  
 American Flange & Manufacturing Co. Inc. (See Jesevich, John P., assignor.)  
 American Flange & Manufacturing Co. Inc. (See Spera, John W., assignor.)  
 American Floor Surfacing Machine Company. (See Myers, Harry L., assignor.)  
 American Folding Umbrella Corporation. (See Okun, Edward, assignor.)  
 American Forging and Socket Company. (See Saunders, Walter S., assignor.)  
 American Fork & Hoe Company, The. (See Dennis, Charles H., assignor.)  
 American Fork & Hoe Company, The. (See Fifield, Albert F., assignor.)  
 American Fork & Hoe Company, The. (See McKechnie, Robert R., Jr., assignor.)  
 American Fork & Hoe Company, The. (See Nicholas, John S., assignor.)  
 American Fork & Hoe Company, The. (See Tengel, Louis, assignor.)  
 American Foundation for the Blind, Inc. (See Miller, G. J., and Jurliman, assignors.)  
 American Foundry Equipment Company, The. (See Soverhill, Harvey A., assignor.)  
 American Gas Association, Incorporated. (See Jones, E. D., and Teller, assignors.)  
 American Gasaccumulator Company. (See Diebold, Anton, assignor.)  
 American Grinder and Specialty Corporation. (See Mueller, Joseph J., assignor.)  
 American Gypsum Co., The. (See Finefrock, T. P., and O'Neil, assignors.)  
 American Hair & Felt Company. (See Clements, A. L., and Calsmer, assignors.)  
 American Hard Rubber Company. (See Bohn, S., and King, assignors.)  
 American Hard Rubber Company. (See Carson, Oswald B., assignor.)  
 American Hardware Corporation, The. (See Holpfer, Marcus, assignor.)  
 American Hardware Corporation, The. (See Moore, Wallace F., assignor.)  
 American Hardware Corporation, The. (See Stone, Elmer B., assignor.)  
 American Hardware Corporation, The. (See Tracy, John M., assignor.)  
 American Hoist and Derrick Company. (See Hollerbach, Walter M., assignor.)  
 American Hoist and Derrick Company. (See Ljungkull, Rolf E., assignor.)  
 American Hyalsol Corporation. (See Bertsch, Heinrich, assignor.)  
 American Hyalsol Corporation. (See Butz, Karl, assignor.)  
 American Hyalsol Corporation. (See Götte, Ernst, assignor.)  
 American Hydrolizer Company. (See Urban, Alfred E., assignor.)  
 American Instrument Company. (See Reynolds, William H., assignor.)  
 American-La France-Foamite Corporation. (See Gilbert, Victor G. W., assignor.)  
 American-La France and Foamite Corporation. (See Smith, Cecil H., assignor.)  
 American Laundry Machinery Company, The. (See Baldwin, George S., assignor.)  
 American Laundry Machinery Company, The. (See Balzer, F., and Knapmeyer, assignors.)  
 American Laundry Machinery Company. (See Colclough, William, assignor.)  
 American Laundry Machinery Company, The. (See Couch, Forrest J., assignor.)  
 American Laundry Machinery Company, The. (See Daly, Joseph P., assignor.)  
 American Laundry Machinery Company, The. (See Dewey, James M., assignor.)  
 American Laundry Machinery Company, The. (See Elbert, Robert S., Jr., assignor.)  
 American Laundry Machinery Company, The. (See Gabbert, Hugh W., assignor.)  
 American Laundry Machinery Company, The. (See Gerlach, Frank A., assignor.)  
 American Laundry Machinery Company, The. (See Hanney, Angus F., assignor.)  
 American Laundry Machinery Company, The. (See Hetzer, Russell A., assignor.)  
 American Laundry Machinery Company, The. (See Higley, Frank R., assignor.)  
 American Laundry Machinery Company, The. (See Hollander, Adrian J., assignor.)  
 American Laundry Machinery Company, The. (See Johnson, George W., assignor.)  
 American Laundry Machinery Company, The. (See Johnson, Oscar W., assignor.)  
 American Laundry Machinery Company. (See Kahn, Leo M., assignor.)  
 American Laundry Machinery Company, The. (See Mall, Edwin A., assignor.)  
 American Laundry Machinery Company, The. (See Malott, Clifton S., Jr., assignor.)  
 American Laundry Machinery Company. (See Matthews, Albert, assignor.)  
 American Laundry Machinery Company, The. (See Orr, Carroll E., assignor.)  
 American Laundry Machinery Company, The. (See Otis, Charles M., assignor.)  
 American Laundry Machinery Company, The. (See Paterson, John S., assignor.)  
 American Laundry Machinery Company, The. (See Rice, Willis B., assignor.)  
 American Laundry Machinery Company, The. (See Sando, Joseph B., assignor.)  
 American Laundry Machinery Company, The. (See Singiser, John P., assignor.)  
 American Laundry Machinery Company, The. (See Vitorino, Frank, assignor.)  
 American Lecithin Company. (See Rewald, Bruno A., assignor.)  
 American Lecithin Company. (See Schwieger, Albert, assignor.)  
 American Licorice Co. (See Kretchmer, Clarence M., assignor.)  
 American Locomotive Company. (See Blunt, James G., assignor.)  
 American Locomotive Company. (See Eckfeldt, J. J. Flodin, and Lawson, assignors.)  
 American Locomotive Company. (See Flodin, N. E., and Eckfeldt, assignors.)  
 American Locomotive Company. (See Kindervater, Julius, assignor.)  
 American Locomotive Company. (See Miller, Sherman, assignor.)  
 American Locomotive Company. (See Robinson, Garland P., assignor.)  
 American Lurgi Corporation. (See Brücke, Otto, assignor.)  
 American Lurgi Corporation. (See Debuch, Carl P., assignor.)  
 American Lurgi Corporation. (See Debuch, C. P. and Markworth, assignors.)  
 American Lurgi Corporation. (See Geil, E., and Ebert, assignors.)  
 American Lurgi Corporation. (See Genescke, Wilhelm, assignor.)  
 American Lurgi Corporation. (See Kolb, Viktor, assignor.)  
 American Lurgi Corporation. (See Krissiep, R., and Linius, assignors.)  
 American Lurgi Corporation. (See Pontzen, Herbert, assignor.)  
 American Lurgi Corporation. (See Roder, O., and Siegens, assignors.)  
 American Lurgi Corporation. (See Sachs, G., and Burkhardt, assignors.)  
 American Lurgi Corporation. (See Siegens, H., and Roder, assignors.)  
 American Lurgi Corporation. (See von Forster, H., and Künstel, assignors.)  
 American Lurgi Corporation. (See Wendeborn, Helmut, assignor.)  
 American Machine & Foundry Company. (See De Huff, Walter F., assignor.)  
 American Machine & Foundry Company. (See Ferenci, Lester, assignor.)



American Machine & Foundry Company. (See Kinker, John C., Jr., assignor.)  
 American Machine & Foundry Company. (See Podmore, Arthur, assignor.)  
 American Machine & Foundry Company. (See Rundell, Rupert E., assignor.)  
 American Machine and Metals, Inc. (See Erlanger, Arnold, assignor.)  
 American Machine and Metals Manufacturing Corporation. (See Joncha, Anton, assignor.)  
 American Magnesium Metals Corporation. (See Hansgirk, Fritz, assignor.)  
 American Magnesium Metals Corporation. (See Kemmer, Frank R., assignor.)  
 American Magnesium Metals Corporation. (See Schichtel, Georg, assignor.)  
 American Manganese Steel Company. (See Graham, Dwight, assignor.)  
 American Manganese Steel Company. (See Morrison, Harry L., assignor.)  
 American Metal Company, The. (See Eppensteiner, William F., assignor.)  
 American Metal Company, The. (See Kern, Edward F., assignor.)  
 American Metal Company, Ltd., The. (See Aldrich, Charles H., assignor.)  
 American Metal Company Limited, The. (See Heuer, Russell P., assignor.)  
 American Metal Products Company. (See Baker, William G., assignor.)  
 American Mills Company, The. (See Lilley, Samuel C., assignor.)  
 American Mine Door Company, The. (See Gurney, Albert J., assignor.)  
 American Mop Company. (See Bohnenblust, Walter H., assignor.)  
 American National Company, The. (See Berry, Michael E., assignor.)  
 American-National Company, The. (See Dennehy, Cornelius J., assignor.)  
 American-National Company, The. (See van Doren, H. L., and Rideout, assignors.)  
 American Oak Leather Co., The. (See Wilson, Earle, assignor.)  
 American Optical Company. (See Baker, Nelson M., assignor.)  
 American Optical Company. (See Cozzens, Charles O., assignor.)  
 American Optical Company. (See Gagnon, Louis L., assignor.)  
 American Optical Company. (See Moulton, Harold R., assignor.)  
 American Optical Company. (See Price, Norman H., assignor.)  
 American Optical Company. (See Schumacher, Elmer L., assignor.)  
 American Optical Company. (See Splaine, Edward M., assignor.)  
 American Optical Company. (See Styll, H. H., and Gagnon, assignors.)  
 American Optical Company. (See Tillyer, Edgar D., assignor.)  
 American Optical Company. (See Tillyer, E. D., and Hill, assignor.)  
 American Optical Company. (See Tillyer, E. D., and Moulton, assignors.)  
 American Optical Company. (See Wells, Joel C., assignor.)  
 American Oxythermic Corporation. (See Fränkl, Mathias, assignor.)  
 American Paper Bottle Company, The. (See Scott, Henry T., assignor.)  
 American Pearl Button Co. (See Knott, Harry H., assignor.)  
 American Platinum Works. (See Streicher, Johann S., assignor.)  
 American Potash & Chemical Corporation. (See Allen, William H., assignor.)  
 American Potash & Chemical Corporation. (See Allen, W. H., Gale, and Ritchie, assignors.)  
 American Potash & Chemical Corporation. (See Allen, W. H., Underhill, and Ritchie, assignors.)  
 American Potash & Chemical Corporation. (See Black, Leroy G., assignor.)  
 American Radiator Company. (See Atherton, George R., assignor.)  
 American Radiator Company. (See Cornell, Edward S., Jr., assignor.)  
 American Railway Products Company. (See Cooke, George T., assignor.)  
 American Rolling Mill Company, The. (See Allsworth, Terrence W., assignor.)  
 American Rolling Mill Company, The. (See Canfield, J. J., and McGohan, assignors.)  
 American Rolling Mill Company, The. (See Delany, Albanus G., assignor.)  
 American Rolling Mill Company, The. (See Freeze, Jonathan R., assignor.)  
 American Rolling Mill Company, The. (See Freeze, J. R., and Spaulding, assignors.)  
 American Rolling Mill Company. (See Hansen, George P., assignor.)  
 American Rolling Mill Company, The. (See Hudson, Edwin B., assignor.)  
 American Rolling Mill Company, The. (See McGohan, George W., assignor.)

American Rolling Mill Company, The. (See Payne, William H., assignor.)  
 American Rolling Mill Company, The. (See Snider, Robert D.)  
 American Rolling Mill Co., The. (See Sondag, George W., assignor.)  
 American Rolling Mill Company. (See Warren, Jay F., assignor.)  
 American Safety Razor Corporation. (See Behrman, Marcus B., assignor.)  
 American Safety Razor Corp. (See Dalkowitz, Godfrey, assignor.)  
 American Safety Razor Corporation. (See McWilliams, Joseph E., assignor.)  
 American Safety Table Company. (See Voigt, Max T., assignor.)  
 American Sales Book Company. (See Bottle, Edward K., assignor.)  
 American Sales Book Company. (See Bovier, Archie M., assignor.)  
 American Sales Book Company. (See Evans, Evan R., assignor.)  
 American Sales Book Company. (See Garwood, Victor W., assignor.)  
 American Sales Book Company. (See Larkin, Charles W., assignor.)  
 American Sales Book Company. (See Nixon, Ernest G., assignor.)  
 American Sales Book Company. (See Phillips, A. H., and Allan, assignors.)  
 American Sales Book Company. (See Potter, Fred, Jr., assignor.)  
 American Screw Company. (See Roddy, Vincent J., assignor.)  
 American Sealcone Corporation. (See Jones, Ellis L., assignor.)  
 American Sealcone Corporation. (See Lutz, George, assignor.)  
 American Sealcone Corporation. (See Winton, Lewis B., assignor.)  
 American Seal-Kap Corporation. (See Daniels, Ransom J., assignor.)  
 American Seating Company. (See Barrett, Glenn J., assignor.)  
 American Seating Company. (See Hamilton, George H., assignor.)  
 American Seating Company. (See Lightfoot, Leo J., assignor.)  
 American Seating Company. (See Morgan, Erving B., assignor.)  
 American Seating Company. (See Morgan, E. B., and Hanson, assignors.)  
 American Seating Company. (See Morgan, E. B., and Nuberg, assignors.)  
 American Seating Company. (See Nordmark, Henry P., assignor.)  
 American Securit Company, The. (See Forbes, Lewis J-B., assignor.)  
 American Security Company, The. (See Long, Bernard, assignor.)  
 American Security & Trust Company, The, executor et al. (See Cutts, Richard M.)  
 American Sheet and Tin Plate Company. (See Beale, L. W., and Murphy, assignors.)  
 American Sheet and Tin Plate Company. (See Darbaker, James M., assignor.)  
 American Sheet and Tin Plate Company. (See Graf, J. E., and Lorig, assignors.)  
 American Sheet and Tin Plate Company. (See Hunter, J. A., and Ibrig, assignors.)  
 American Sheet and Tin Plate Company. (See Johnston, Robert F., assignor.)  
 American Sheet and Tin Plate Company. (See Lorig, Edwin T., assignor.)  
 American Sheet and Tin Plate Company. (See Lorig, E. T., Moore, and Nichols, assignors.)  
 American Sheet and Tin Plate Company. (See Marburg, Edgar, assignor.)  
 American Sheet and Tin Plate Company. (See McIlvried, H. G., Moore and Peterson, assignors.)  
 American Sheet and Tin Plate Company. (See Moore, Edwin E., assignor.)  
 American Sheet and Tin Plate Company. (See Porter, R., and Saylor, assignors.)  
 American Shoe Machinery and Tool Company. (See Krag, Harry W., assignor.)  
 American Silk Spinning Co. (See Lownes, E. J., Jr., and Gibson, assignors.)  
 American Slicing Machine Company. (See Campbell, William J., assignor.)  
 American Smelting and Refining Company. (See Betterton, Jesse O., assignor.)  
 American Smelting and Refining Company. (See Betterton, J. O., and Lebedeff, assignors.)  
 American Smelting and Refining Company. (See Betterton, J. O., and Lindner, assignors.)  
 American Smelting and Refining Company. (See Betterton, J. O., and McLellan, assignors.)  
 American Smelting and Refining Company. (See Betterton, J. O., and Phillips, assignors.)  
 American Smelting and Refining Company. (See Betterton, J. O., and Waterman, assignors.)  
 American Smelting and Refining Company. (See Betterton, J. O., and Weis, assignors.)



- American Smelting and Refining Company. (See Fleming, Edward P., assignor.)  
 American Smelting and Refining Company. (See Hanson, Charles W., assignor.)  
 American Smelting and Refining Company. (See Hanson, C. W., and Crites, assignors.)  
 American Smelting and Refining Company. (See Jones, T. D., and Reinhardt, assignors.)  
 American Smelting and Refining Company. (See Levison, S. H., and Bruderdlin, assignors.)  
 American Smelting and Refining Company. (See Lindner, Karl A., assignor.)  
 American Smelting and Refining Company. (See Palmer, Sidney L., assignor.)  
 American Smelting and Refining Company. (See Peirce, William H., assignor.)  
 American Smelting and Refining Company. (See Perkins, Melville F., assignor.)  
 American Smelting and Refining Company. (See Phillips A. J., and Swartz, assignors.)  
 American Smelting and Refining Company. (See Poland, Frank F., assignor.)  
 American Smelting & Refining Company. (See Rathbun, Ross B., assignor.)  
 American Smelting and Refining Company. (See Skow, Ray C., assignor.)  
 American Smelting and Refining Company. (See Swartz, Carl E., assignor.)  
 American Smelting and Refining Company. (See Teats, Roscoe, assignor.)  
 American Smelting & Refining Company. (See Thomas, Moyer D., assignor.)  
 American Smelting and Refining Company. (See Wagstaff, Richard A., assignor.)  
 American Smelting and Refining Company. (See Watzke, Albin R., assignor.)  
 American Sound Producing Laboratories. (See Wurm, Carl, assignor.)  
 American Soya Products Corporation. (See Bonotto, Michele, assignor.)  
 American Steel Company. (See Bachman, Fred E., assignor.)  
 American Steel Foundries. (See Bachman, Fred E., assignor.)  
 American Steel Foundries. (See Baselt, Walter H., assignor.)  
 American Steel Foundries. (See Bender, Frederic H., assignor.)  
 American Steel Foundries. (See Bender, F. H., and Bachman, assignors.)  
 American Steel Foundries. (See Cottrell, Robert B., assignor.)  
 American Steel Foundries. (See Darby, Robert F., assignor.)  
 American Steel Foundries. (See Ernst, Fritz B., assignor.)  
 American Steel Foundries. (See Hedgcock, William C., assignor.)  
 American Steel Foundries. (See Hedgcock, W. C., and Keysor, assignors.)  
 American Steel Foundries. (See Isaacson, Fred A., assignor.)  
 American Steel Foundries. (See Kinne, Edmund P., assignor.)  
 American Steel Foundries. (See Lamont, John A., assignor.)  
 American Steel Foundries. (See Lehrman, Leo A., assignor.)  
 American Steel Foundries. (See Oelkers, Alfred H., assignor.)  
 American Steel Foundries. (See Oelkers, A. H., and Bachman, assignors.)  
 American Steel Foundries. (See Oelkers, A. H., and Hedgcock, assignors.)  
 American Steel Foundries. (See Peycke, Armand H., assignor.)  
 American Steel Foundries. (See Simanek, Edward J., assignor.)  
 American Steel Foundries. (See Somervell, Howard, assignor.)  
 American Steel Foundries. (See Walcher, Edwin A., assignor.)  
 American Steel & Wire Company. (See Czemba, Frank, assignor.)  
 American Steel and Wire Company of New Jersey. (See Braune, C., and Lloyd, assignors.)  
 American Steel and Wire Company of New Jersey. (See Brickman, A. E., and Gleason, assignors.)  
 American Steel and Wire Company of New Jersey, The. (See Carlson, Clarence O., assignor.)  
 American Steel and Wire Company of New Jersey, The. (See Dillon, Edmund B., assignor.)  
 American Steel and Wire Company of New Jersey, The. (See Everling, Walter O., assignor.)  
 American Steel and Wire Company of New Jersey, The. (See Febrey, Harold H., assignor.)  
 American Steel and Wire Company of New Jersey, The. (See Fessler, C. H. H., and Puchta, assignors.)  
 American Steel and Wire Company of New Jersey, The. (See Fitzgibbon, Edward J., assignor.)  
 American Steel and Wire Company of New Jersey, The. (See Fitzgibbon, E. J., and Statz, assignors.)  
 American Steel and Wire Company of New Jersey, The. (See Gleason, George A., assignor.)  
 American Steel and Wire Company of New Jersey. (See Gleason, G. A., and Hayden, assignors.)  
 American Steel and Wire Company of New Jersey, The. (See Greene, Guy G., assignor.)  
 American Steel and Wire Company of New Jersey, The. (See Hillix, Foster F., assignor.)  
 American Steel and Wire Company of New Jersey, The. (See Hyatt, Edward, assignor.)  
 American Steel and Wire Company of New Jersey. (See Mardigian, S., and Rizzolla, assignors.)  
 American Steel and Wire Company of New Jersey. (See McNamee, Owen A., assignor.)  
 American Steel and Wire Company of New Jersey, The. (See Moreira, Salvador, assignor.)  
 American Steel and Wire Company of New Jersey, The. (See Morrison, James J., assignor.)  
 American Steel and Wire Company of New Jersey. (See Morrison, J. J., and Walker, assignors.)  
 American Steel and Wire Company of New Jersey, The. (See Peirce, Walter T., assignor.)  
 American Steel and Wire Company of New Jersey. (See Proctor, Homer G., assignor.)  
 American Steel and Wire Company of New Jersey, The. (See Skinner, Chester, assignor.)  
 American Steel and Wire Company of New Jersey, The. (See Wateman, Denison R., assignor.)  
 American Steel and Wire Company of New Jersey, The. (See Williams, Thomas D., assignor.)  
 American Steel Wool Mfg. Co. Inc. (See Steinhardt, Amos, assignor.)  
 American Sterilizer Company. (See Jewell, Raymond L., assignor.)  
 American Stove Company. (See Frick, William H., assignor.)  
 American Stove Company. See Hoffman, Rudolph, assignor.)  
 American Stove Company. (See Meacham, Benjamin E., assignor.)  
 American Stove Company. (See Stockstrom, A., and Brodbeck, assignors.)  
 American Swiss Company, The. (See Rightmyer, Holden W., assignor.)  
 American Tap Bush Company. (See Rice, Frank E., assignor.)  
 American Tar Products Co. (See Rhodes, Edmund O., assignor.)  
 American Telephone and Telegraph Company. (See Abbott, Henry H., assignor.)  
 American Telephone and Telegraph Company. (See Abbott, H. H., and Newby, assignors.)  
 American Telephone and Telegraph Company. (See Abraham, Leonard G.)  
 American Telephone and Telegraph Company. (See Abraham, L. G., assignor, and Grenell.)  
 American Telephone and Telegraph Company. (See Abraham, L. G., and Mitchell, assignors.)  
 American Telephone and Telegraph Company. (See Affel, Herman A., assignor.)  
 American Telephone and Telegraph Company. (See Affel, H. A., and Green, assignors.)  
 American Telephone and Telegraph Company. (See Aikens, Andrew J., assignor.)  
 American Telephone and Telegraph Company. (See Almquist, Milton L., assignor.)  
 American Telephone and Telegraph Company. (See Anspach, R. J., and Harrison, assignors.)  
 American Telephone and Telegraph Company. (See Bailey, Austin, assignor.)  
 American Telephone and Telegraph Company. (See Bailey, A., and Thomson, assignors.)  
 American Telephone and Telegraph Company. (See Barnes, Howard C., assignor.)  
 American Telephone and Telegraph Company. (See Bascom, Henry M., assignor.)  
 American Telephone and Telegraph Company. (See Bascom, H. M., and Friend, assignors.)  
 American Telephone and Telegraph Company. (See Bischoff, C. F., and Herckmans, assignors.)  
 American Telephone and Telegraph Company. (See Borgeason, Carl A., assignor.)  
 American Telephone and Telegraph Company. (See Bown, Ralph, assignor.)  
 American Telephone and Telegraph Company. (See Bradford, Raymond C., assignor.)  
 American Telephone and Telegraph Company. (See Brazelton, Roy M., assignor.)  
 American Telephone and Telegraph Company. (See Breen, J. R., and Strausbach, assignors.)  
 American Telephone & Telegraph Company. (See Carlson, Arthur, assignor.)  
 American Telephone and Telegraph Company. (See Carter, Herman T., assignor.)  
 American Telephone and Telegraph Company. (See Clausen, Henry P., assignor.)  
 American Telephone and Telegraph Company. (See Cowan, Frank A., assignor.)  
 American Telephone and Telegraph Company. (See Cowan, F. A., and Goetz, assignors.)  
 American Telephone and Telegraph Company. (See Cowan, H. B., and Zerman, assignors.)  
 American Telephone and Telegraph Company. (See Coxhead, Harry B., assignor.)  
 American Telephone and Telegraph Company. (See Curtis, H. E., and Meade, assignors.)



- American Telephone and Telegraph Company. (See Demarest, Charles S., assignor.)
- American Telephone and Telegraph Company. (See Demarest, C. S., and Radcliff, assignors.)
- American Telephone and Telegraph Company. (See Dietze, Eginhard, assignor.)
- American Telephone and Telegraph Company. (See Edwards, P. G., and Clutts, assignors.)
- American Telephone and Telegraph Company. (See Edwards, William H., assignor.)
- American Telephone and Telegraph Company. (See Edwards, W. H., and Halligan, assignors.)
- American Telephone and Telegraph Company. (See Espenschied, Lloyd, assignor.)
- American Telephone and Telegraph Company. (See Espenschied, L., and Green, assignors.)
- American Telephone and Telegraph Company. (See Espenschied, L., and Monk, assignors.)
- American Telephone and Telegraph Company. (See Ferris, L. P., Honaman, and Inskip, assignors.)
- American Telephone and Telegraph Company. (See Gannett, Danforth K., assignor.)
- American Telephone and Telegraph Company. (See Gannett, D. K., and Lewis, assignors.)
- American Telephone and Telegraph Company. (See Giffin, Sidney H., assignor.)
- American Telephone and Telegraph Company. (See Goetz, Gaston J., assignor.)
- American Telephone and Telegraph Company. (See Green, Estill I., assignor.)
- American Telephone and Telegraph Company. (See Green, E. I., and Curtis, assignors.)
- American Telephone and Telegraph Company. (See Green, E. I., Curtis, and Mead, assignors.)
- American Telephone and Telegraph Company. (See Green, E. I., and Leibe, assignors.)
- American Telephone and Telegraph Company. (See Green, E. I., Monk, and Tidd, assignors.)
- American Telephone and Telegraph Company. (See Green, E. I., and Tidd, assignors.)
- American Telephone and Telegraph Company. (See Green, Irving W., assignor.)
- American Telephone and Telegraph Company. (See Harvell, J. P., assignor, and Slye.)
- American Telephone and Telegraph Company. (See Henderson, Oliver, assignor.)
- American Telephone and Telegraph Company. (See Herckmans, Alfred, assignor.)
- American Telephone and Telegraph Company. (See Herman, Joseph, assignor.)
- American Telephone and Telegraph Company. (See Hollmann, Hans E., assignor.)
- American Telephone and Telegraph Company. (See Honaman, R. K., Inship, and Swart, assignors.)
- American Telephone and Telegraph Company. (See Hubbard, Francis A., assignor.)
- American Telephone and Telegraph Company. (See Inglis, Alfred H., assignor.)
- American Telephone and Telegraph Company. (See Leibe, F. A., and Rogers, assignors.)
- American Telephone and Telegraph Company. (See Lewis, Benjamin F., assignor.)
- American Telephone and Telegraph Company. (See Mahany, Augustus M., assignor.)
- American Telephone and Telegraph Company. (See Matte, Andrew L., assignor.)
- American Telephone and Telegraph Company. (See Miller, Charles G., assignor.)
- American Telephone and Telegraph Company. (See Mitchell, Doren, assignor.)
- American Telephone and Telegraph Company. (See Monk, Newton, assignor.)
- American Telephone and Telegraph Company. (See Morehouse, L. R., and Shackleton, assignors.)
- American Telephone and Telegraph Company. (See Nelson, S. F., and Shipley, assignors.)
- American Telephone and Telegraph Company. (See Newell, Norman A., assignor.)
- American Telephone and Telegraph Company. (See Nyquist, Harry, assignor.)
- American Telephone and Telegraph Company. (See Nyquist, H., Wright, and Abraham, assignors.)
- American Telephone and Telegraph Company. (See Patche, Clinton J., assignor.)
- American Telephone and Telegraph Company. (See Pierce, Ralph E., assignor.)
- American Telephone and Telegraph Company. (See Plebanski, Jozef, assignor.)
- American Telephone and Telegraph Company. (See Potter, Ralph K., assignor.)
- American Telephone and Telegraph Company. (See Radcliff, J. P., and Edwards, assignors.)
- American Telephone and Telegraph Company. (See Reynolds, Frederick W., assignor.)
- American Telephone and Telegraph Company. (See Roberts, Leland C., assignor.)
- American Telephone and Telegraph Company. (See Sandalls, George, Jr., assignor.)
- American Telephone and Telegraph Company. (See Schmidt, Frederic E., assignor.)
- American Telephone and Telegraph Company. (See Schramm, Fred W., assignor.)
- American Telephone and Telegraph Company. (See Stone, John S., assignor.)
- American Telephone and Telegraph Company. (See Swart, Leland K., assignor.)
- American Telephone and Telegraph Company. (See Swart, L. K., assignor, and Tebo.)
- American Telephone and Telegraph Company. (See Taylor, Charles C., assignor.)
- American Telephone and Telegraph Company, et al. (See Taylor, Edmund R., and C. C., assignors, and Wadsworth.)
- American Telephone and Telegraph Company. (See Tidd, Warren H., assignor.)
- American Telephone and Telegraph Company. (See Tradup, Albert, assignor.)
- American Telephone and Telegraph Company. (See Vernam, Gilbert S., assignor.)
- American Telephone and Telegraph Company. (See Wascheck, George, assignor.)
- American Telephone and Telegraph Company. (See Watson, Edward F., assignor.)
- American Telephone and Telegraph Company. (See Weiss, Garland F., assignor.)
- American Telephone and Telegraph Company. (See Wright, S. B., and Abraham, assignors.)
- American Telephone and Telegraph Company. (See Wright, S. B., and Mitchell, assignors.)
- American Telephone and Telegraph Company. (See Zinn, Manvel K., assignor.)
- American Teletector Corporation. (See Kelly, Frederick G., assignor.)
- American Teletector Corporation. (See Stirlen, E. D., and Kelly, assignors.)
- American Television Laboratories, Inc. (See de Forest, Lee, assignor.)
- American Thermometer Company. (See Bolin, Charles D., assignor.)
- American Thermos Bottle Company, The. (See Payson, Aurin E. and A. H. and Duevel, assignors.)
- American Tobacco Company, The. (See Priddy, Thomas R., assignor.)
- American Tool and Machine Company. (See Tholl, John F., assignor.)
- American Tool Works Company, The. (See Robinson, Albert E., assignor.)
- American Transformer Company. (See Emlen, Andrew A., assignor.)
- American Type Founders Company. (See Kelly, William M., assignor.)
- American Valve & Enameling Corporation. (See Wulf, Charles A., assignor.)
- American Voith Contact Co. (See Ehrhart, Josef, assignor.)
- American Voith Contact Co. (See Kugel, Fritz, assignor.)
- American Voith Contact Co. (See Lang, Richard T., assignor.)
- American Voith Contact Company. (See Maurer, Albrecht, assignor.)
- American Well Works, The. (See Sperry, John B., assignor.)
- American Window Glass Company. (See Bishop, F. L., Shoemaker, Pierce, Wood, and Donnini, assignors.)
- American Window Glass Company. (See Donnini, Edlo, assignor.)
- American Window Glass Company. (See Du Bois, Robert H., assignor.)
- American Window Glass Company. (See Fisher, Earl P., assignor.)
- American Window Glass Company. (See Shoemaker, Charles S., assignor.)
- American Window Glass Company. (See Young, Albert N., assignor.)
- American Wood Products Corporation. (See Kubes, John P., assignor.)
- American Zinc, Lead & Smelting Company. (See Monk, R. H., and Ross, assignors.)
- American Zirconium Corporation. (See Little, William T., assignor.)
- Amery, George, Kilburn, London, England. Fuel and like pump for internal combustion engines. 2,053,311. Sept. 8.
- Amery, George, Kilburn, London, England. Fuel injector for internal-combustion prime-movers. 2,053,312; Sept. 8.
- Amery & Sons, Inc. (See Goodman, Wade H., assignor.)
- Ames, Adelbert, Jr., Hanover, N. H. Pictorial representation. 2,064,870; Dec. 22.
- Ames, Adelbert, Jr., assignor to Trustees of Dartmouth College, Hanover, N. H. Eye testing instrument. 2,063,015; Dec. 8.
- Ames, Elmer U., deceased, Collingswood, N. J., A. A. Seaman, administratrix, assignor to H. Brinton Company, Philadelphia, Pa. Reverse plating. 2,058,392; Oct. 27.
- Ames, Fletcher, Palo Alto, Calif. Portable furniture. 2,061,929; Nov. 24.
- Ames, James G., Aurora, Ill. Heating apparatus. 2,041,683; May 26.
- Ames, Malcolm H., Waltham, Mass., assignor, by mesne assignments, to Technicolor, Inc., New York, N. Y. Film gate. 2,063,016; Dec. 8.
- Ames, Malcolm H., Los Angeles, Calif., and L. T. Troland, deceased, Cambridge, by Cambridge Trust Company, executor, Cambridge, Mass., assignors to Technicolor Motion Picture Corporation, Hollywood, Calif. Cinematographic printer. 2,047,943; July 21.



- Amescua, Heriberto, Laredo, Tex. Concrete building construction. 2,058,285; Oct. 20.
- Amick, Marion G. (See Stecher, J. L., Amick, and Daniels.)
- Amick, Marion G., Boothwyn, J. C. Lawrence, Moylan, Pa., and J. L. Stecher, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of alkylated lead. 2,043,224; June 9.
- Amillac, Albert, Belfort, France, assignor to General Electric Company. Seal for electric discharge devices. 2,056,140; Sept. 29.
- Amirault, Maxime, Paris, France, assignor to Société Anonyme Française du Ferodo, Paris, France. Brake. 2,036,385; Apr. 7.
- Amity Leather Products Co. (See Petersohn, A., and St. Thomas, assignors.)
- Amity Leather Products Co. (See Wehner, Heinz, assignor.)
- Amity Leather Products Co. (See Welch, Herman B., assignor.)
- Amkraut, Elias, Brooklyn, assignor of thirty-seven one-half per cent to E. H. Licht, New York, N. Y. Method and apparatus for curling feathers. 2,049,241; July 28.
- Amort, Paul. (See Goehler, E. E., and Amort.)
- Amory, Otis T. (See Baruch, H. N., Amory, and Bloxom.)
- Amos, Richard G., Mesa, Ariz., assignor to T. F. Slack, Pecos, Tex. Portable air conditioner. 2,055,958; Sept. 29.
- Ams, Max, Chemical Engineering Corporation, The. (See Brenzinger, Julius, assignor.)
- Amsler, Walter O., Toledo, Ohio, assignor to Simplex Engineering Company, Washington, Pa. Drawing glass sheets. 2,057,357; Oct. 13.
- Amthor, Frank, East Rutherford, and G. C. Reinhard, Wood Ridge, N. J., assignors to American Colloid Corporation, New York, N. Y. Metal cleaning composition and method. 2,036,848; Apr. 7.
- Amtsberg, Lester A., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Reversible fluid pressure motor. 2,037,358; Apr. 14.
- Amy, Aceves & King, Inc. (See Aceves, Julius Gourgues, assignor.)
- Anaconda Copper Mining Company. (See Doran, Homer M., assignor.)
- Anaconda Copper Mining Company. (See Doran, H. M., and Houghton, assignors.)
- Anaconda Copper Mining Company. (See Harrison, Charles A., assignor.)
- Anaconda Copper Mining Company. (See Yates, Charles E., assignor.)
- Anaconda Lead Products Company. (See Johnson, G. E., and Donahue, assignors.)
- Anaconda Wire & Cable Company. (See Di Lusto, V. F., and Flansburg, assignors.)
- Anaconda Wire & Cable Company. (See Freeland, Orville F., assignor.)
- Anaconda Wire & Cable Company. (See French, Stanley F., assignor.)
- Anaconda Wire & Cable Company. (See Hawksley, Ray, assignor.)
- Anaconda Wire & Cable Company. (See Jore, Bjorn, assignor.)
- Anaconda Wire & Cable Company. (See Kennedy, Joseph A., assignor.)
- Anaconda Wire & Cable Company. (See MacLeod, Lester R., assignor.)
- Anaconda Wire & Cable Company. (See Olson, John W., assignor.)
- Anaconda Wire & Cable Company. (See Papst, Hugh W., assignor.)
- Anaconda Wire & Cable Company. (See Rogers, Paul M., assignor.)
- Anaconda Wire & Cable Company. (See Rosch, Samuel J., assignor.)
- Anaconda Wire & Cable Company. (See Rosch, S. J., Di Lusto, and Rogers, assignors.)
- Anaconda Wire & Cable Company. (See Talbott, James E., assignor.)
- Anaconda Wire & Cable Company. (See Webb, John B., assignor.)
- Anaya, Cliserio, Mexico, D. F. Mexico. Bottle closure. 2,030,841; Feb. 18.
- Anchor Cap & Closure Corporation. (See Darling, Frank L., assignor.)
- Anchor Cap & Closure Corporation. (See Fleisch, Joseph R., assignor.)
- Anchor Cap & Closure Corporation. (See Gibbs, John C., assignor.)
- Anchor Cap & Closure Corporation. (See Podel, Abraham, assignor.)
- Anchor Cap & Closure Corporation. (See Raney, Marion H., assignor.)
- Anchor Cap & Closure Corporation. (See Von Till, Louis A., assignor.)
- Anchor Post Fence Company. (See Smoot, Theophilus H., assignor.)
- Anchor Steel & Engineering Co. (See Waalkes, Gerrit, assignor.)
- Anciens Etablissements R. Cornely & Cie, Societe Anonyme. (See Chiti, Aldo, assignor.)
- Andale Company. (See McNeal, Daniel R., assignor.)
- Andars, Gus, Chicago, Ill. Ticket issuing device. 2,048,480; July 21.
- Anderau, Walter, Basel, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Colored oxide film of aluminium. 2,030,236; Feb. 11.
- Anderau, Walter, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs and making same. 2,050,913; Aug. 11.
- Anderegg, Reuben H., assignor to The Trane Company, La Crosse, Wis. Air conditioning apparatus. 2,061,447; Nov. 17.
- Anderl, Franz, assignor to F. Weissenbeck, Vienna, Austria. Pocket powder-case. 2,039,205; Apr. 28.
- Anderl, William F. J., David City, Nebr. Hose display rack. 2,048,586; July 21.
- Anders, Guido, assignor to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany. Automatic gain control receiver. 2,046,144; June 30.
- Andersag, Hans, Wuppertal-Elberfeld, and H. Jung, Wuppertal-Vohwinkel, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Water-soluble metal complex compounds of the imidazole series. 2,065,418; Dec. 22.
- Andersen, Andrew C., and B. H. Bowlus, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Coach latch. 2,039,873; May 5.
- Andersen, Axel G. H. (See Lengel, A. L., and Andersen.)
- Andersen, Bjorn. (See Bowker, W., and Andersen.)
- Andersen, Carl N., Watertown, Mass., assignor to Lever Brothers Company. Aromatic-hydrocarbon mercury polynuclearcarboxylates. 2,056,161; Oct. 6.
- Andersen, Carl N., Watertown, Mass., assignor to Lever Brothers Company. Aromatic mercury alcoholates of hydroxy fatty compounds. 2,056,945; Oct. 13.
- Andersen, Carl N., Watertown, Mass., assignor to Lever Brothers Company. Aryl mercury aromatic carboxylates. 2,059,195; Nov. 3.
- Andersen, Carl N., Watertown, Mass., assignor to Lever Brothers Company. Aryl mercury salts of oxyacids of chromium. 2,059,196; Nov. 3.
- Andersen, Charles H. (See Marsh, F. E., and Andersen.)
- Andersen, Harvey R. (See Veysey, V. V., and Andersen.)
- Andersen, Ludwig. (See Watson, John D.)
- Andersen, Martin G., Frederiksberg, near Copenhagen, Denmark. Atomizer. 2,046,232; June 30.
- Andersen, Nils P. E., Elm Grove, assignor to Harnischfeger Corporation, Milwaukee, Wis. Handling apparatus. 2,027,506; Jan. 14.
- Andersen, Nils P. E., Elm Grove, assignor to Harnischfeger Corporation, Milwaukee, Wis. Crane. 2,036,386; Apr. 7.
- Andersen, William K., Brooklyn, N. Y. Spark plug. 2,034,170; Mar. 17.
- Andersen, William K., Brooklyn, N. Y. Spark plug. 2,052,335; Aug. 25.
- Anderson, Albert and J. M., Manufacturing Company. (See Anderson, A. E., and Reynolds, assignor.)
- Anderson, Albert and J. M., Manufacturing Company. (See Reynolds, Charles H., assignor.)
- Anderson, Albert & J. M., Manufacturing Company. (See Sundberg, Carl E., assignor.)
- Anderson, Albert J., Ansonia, assignor to J. E. Smith & Co., Inc., Waterbury, Conn. Shingle. 2,034,602; Mar. 17.
- Anderson, Albert T., Chicago, Ill. Smoking pipe attachment. 2,061,055; Nov. 17.
- Anderson, Alexander, Fullerton, Calif. Apparatus for surveying bore holes. 2,058,286; Oct. 20.
- Anderson, Alexander, Fullerton, Calif. Bore hole device and its use. 2,058,287; Oct. 20.
- Anderson, Alf E., Milton, and C. H. Reynolds, Malden; said Reynolds assignor to Albert and J. M. Anderson Manufacturing Company, South Boston, Mass. Wire connecting device. 2,032,968; Mar. 3.
- Anderson, Alfred, Chicago, Ill. Carrier handle. 2,038,701; Apr. 28.
- Anderson, Arthur W., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,058,655; Oct. 27.
- Anderson, Arvid E., Drexel Hill, Pa., assignor to General Electric Company. Automatic reclosing circuit breaker system. 2,031,447; Feb. 18.
- Anderson, Arvid E., Drexel Hills, Pa., assignor to General Electric Company. Circuit controlling device. 2,055,327; Sept. 22.
- Anderson, Arvid E., Drexel Hill, Pa., assignor to General Electric Company. Automatic reclosing circuit breaker system. 2,059,836; Nov. 3.
- Anderson, Arvid E., Drexel Hill, Pa., assignor to General Electric Company. Automatic reclosing circuit breaker system. 2,065,360; Dec. 22.
- Anderson, Bert J., Hammond, Ind. Handle bar shield. 2,034,934; Mar. 24.
- Anderson, Bert J., Hammond, Ind. Seat post supporting member. 2,034,935; Mar. 24.
- Anderson, Bert J., Hammond, Ind. Velocipede frame. 2,053,059; Sept. 1.
- Anderson, Bert J., Hammond, Ind. Velocipede frame. 2,054,312; Sept. 15.
- Anderson, Bert J., Hammond, Ind. Deck plate for a velocipede. 2,057,872; Oct. 20.
- Anderson Boyes & Company Limited. (See Pescod, R. F., Hornsby, and Harrison, assignors.)
- Anderson, Carl E., Lewiston, assignor to Hooker Electrochemical Company, New York, N. Y. Emergency shut-off Valve. 2,034,690; Mar. 24.
- Anderson, Carl E., East Orange, N. J., assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Slide. 2,036,671; Apr. 7.



- Anderson, Carl E., East Orange, assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Slide. 2,037,558; Apr. 14.
- Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Germicidal preparations. 2,065,849; Dec. 29.
- Anderson, Carl O. (See Davis, S. H., Anderson, and Stengl.)
- Anderson, Carl R., assignor to The Griswold Manufacturing Company, Erie, Pa. Grill. 2,033,060; Mar. 3.
- Anderson, Carl R., assignor to The Griswold Manufacturing Company, Erie, Pa. Electric oven. 2,036,183; Apr. 7.
- Anderson, Charles A., New Rochelle, assignor to Gotham Pressed Steel Company, New York, N. Y. Game board. 2,058,202; Oct. 20.
- Anderson, Charles J., Jr., Jamestown, N. Y. Power transmission. 2,039,378; May 5.
- Anderson, Charles M., Kenosha, Wis. Cooler. 2,035,213; Mar. 24.
- Anderson, Charles T. (See Ross, S. G., and Anderson.)
- Anderson, Charles T., Cincinnati, Ohio, assignor, by mesne assignments, to The Littleway Process Company, Boston, Mass. Making shoes. 2,063,141; Dec. 8.
- Anderson, Clare, Verona, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Measuring device. 2,063,973; Dec. 15.
- Anderson, Company, The. (See Anderson, J. W., and Smulski, assignors.)
- Anderson Company, The. (See Smulski, Theodore J., assignor.)
- Anderson, Cyrus W., Denver, Colo. Menstrual phase recorder and indicator. 2,049,038; July 28.
- Anderson, D. O. et al. (See Johnson, Paul B., assignor.)
- Anderson, David L. (See Klingberg, E. G., and Anderson.)
- Anderson, Donald R., Wausau, Wis. Wiper for adhesive-applying implements. 2,027,461; Jan. 14.
- Anderson, Edmund A. (See Peirce, W. M., and Anderson.)
- Anderson, Edmund B. (See Swenson, C. E., and Anderson.)
- Anderson, Edmund B., assignor of one-third to Milton B. Anderson, and one-third to Carl E. Swenson, Rockford, Ill. Universal joint. 2,036,977; Apr. 7.
- Anderson, Edmund B., assignor of one-half to M. B. Anderson, Rockford, Ill. Antifriction bearing assembly. 2,036,978; Apr. 7.
- Anderson, Edmund B., assignor of one-third to M. B. Anderson and one-third to C. E. Swenson, Rockford, Ill. Universal joint. 2,047,660; July 14.
- Anderson, Edward M., and S. J. Shanabrough, Monaca, Pa. Safety handle for bathtubs. 2,034,705; Mar. 24.
- Anderson, Emil, Briarcliff Manor, N. Y. Spring constructions and spring mountings. 2,035,937; Mar. 31.
- Anderson, Frank E., Keokuk, Iowa. Game board. 2,050,914; Aug. 11.
- Anderson, Frank E., Brooklyn, N. Y., assignor, by mesne assignments, to J. W. Decker. Data recording projection machine. 2,052,593; Sept. 1.
- Anderson, Frank H., and A. E. King, Omaha, Nebr. Locker type cabinet. 2,047,454; July 14.
- Anderson, Frank J., Frankfort, Ind. One-man land measuring apparatus. 2,033,970; Mar. 17.
- Anderson, Fred W., Eau Claire, Wis. Section car. 2,050,776; Aug. 11.
- Anderson, Frederick H. (See Sabbah, C. A., and Anderson.)
- Anderson, Frithiof B., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic switching device. 2,056,242; Oct. 6.
- Anderson, Frohman, Detroit, Mich. Figure toy. 2,027,759; Jan. 14.
- Anderson, George K., Pittsburgh, Pa., assignor to The Neville Company. Polymerization of resins. 2,047,245; July 14.
- Anderson, George K., Pittsburgh, Pa., assignor to The Neville Company. Polymerization of resins. 2,047,247; July 14.
- Anderson, George K., Pittsburgh, Pa., and W. H. Carmody, Dayton, Ohio, said Anderson assignor to The Neville Company, Pittsburgh, Pa. Polymerization of resins. 2,047,246; July 14.
- Anderson, Gordon R., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Torque testing apparatus. 2,028,374; Jan. 21.
- Anderson, Gotfried T., assignor to H. D. Colman, Rockford, Ill. Butterfly valve. 2,054,064; Sept. 15.
- Anderson, Gustaf, Seattle, Wash. Saw swaging tool. 2,040,234; May 12.
- Anderson, Gustav A., assignor to The International Handkerchief Manufacturing Co., New York, N. Y. Method and apparatus for making handkerchiefs and like articles. 2,053,257; Sept. 8.
- Anderson, Hal C., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Direct bonding of rubber and metal. 2,037,749; Apr. 21.
- Anderson, Harley E., assignor to W. E. Sharp, deceased, Chicago, Ill. M. E. Sharp, executrix. Brake shoe key. 2,033,171; Mar. 10.
- Anderson, Harley E., assignor of one-half to J. H. Sharp, Chicago, Ill. Brake bottom rod support. 2,047,455; July 14.
- Anderson, Harold C. (See Bullard, E. P., and Anderson.)
- Anderson, Harold W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aroyl chloride of the benzene series. 2,048,768; July 28.
- Anderson, Harry G., and E. S. Mix, assignors to Hickok Manufacturing Company, Inc., Rochester, N. Y. Cuff link. 2,052,437; Aug. 25.
- Anderson, Harry T. (See Christianson, A., and Anderson.)
- Anderson, Harvey A. (See Alden, J. L., and Anderson.)
- Anderson, Harvey A., Western Springs, R. Gillis, and W. W. Kagi, La Grange, and C. T. Prendergast, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Extruding lead. 2,049,938; Aug. 4.
- Anderson, Homer G., Waltham, assignor to Raytheon Production Corporation, Newton, Mass. Vacuum tube. 2,043,724; June 9.
- Anderson, Howard P., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Locomotive tender. 2,029,295; Feb. 4.
- Anderson, Howard P., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Stoker conveyor. 2,032,338; Feb. 25.
- Anderson, Howard P., Erie Pa., assignor to The Standard Stoker Company, Incorporated. Fuel distributor for stokers. 2,033,061; Mar. 3.
- Anderson, Howard P., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Stoker. 2,033,062; Mar. 3.
- Anderson, Howard P., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Locomotive tender. 2,036,907; Apr. 7.
- Anderson, Howard P., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Stoker mechanism. 2,036,908; Apr. 7.
- Anderson, Howard P., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Marine stoker. 2,039,286; May 5.
- Anderson, Howard P., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Blast feed stoker. 2,039,380; May 5.
- Anderson, Howard P., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,044,043; June 16.
- Anderson, Howard P., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Fuel distributor. 2,044,601; June 16.
- Anderson, Howard P., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Stoker mechanism. 2,051,809; Aug. 25.
- Anderson, Howard P., Erie, Pa., and C. J. Surdykowski, Tuckahoe, N. Y., said Surdykowski now by judicial change of name C. J. Surdy, assignor to Standard Stoker Company, Incorporated. Locomotive tender. 2,052,159; Aug. 25.
- Anderson, Howard P., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Stoker conveyor. 2,056,243; Oct. 6.
- Anderson, James, Birmingham, England. Alternating current electric switch. 2,038,702; Apr. 28.
- Anderson, James, Perry Barr, Birmingham, England. Electric switch. 2,058,656; Oct. 27.
- Anderson, James B., Winchester, Ky. Tool sharpener. 2,052,543; Sept. 1.
- Anderson, James K., Wellington Foundry, Leeds, England. Power control and brake mechanism. 2,033,603; Mar. 10.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for removing metal. 2,030,842; Feb. 18.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Torch for welding seams along curving surfaces. 2,031,583; Feb. 25.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Universal cutting or welding machine. 2,032,733; Mar. 3.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Cutting or welding machine. 2,038,820; Apr. 28.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Making welded pipe or tubing. 2,040,164; May 12.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Universal torch machine. 2,040,914; May 19.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Tracing device. 2,042,492; June 2.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Manufacture of pipe or tubing. 2,044,491; June 16.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Circumferential pipe cutting or welding machine. 2,050,146; Aug. 4.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Track for torch carriages. 2,050,147; Aug. 4.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Skelp retort. 2,053,234; Sept. 1.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Skelp retort. 2,053,235; Sept. 1.



- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Druggible cutting or welding apparatus. 2,053,890; Sept. 8.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Machine for cutting bars. 2,054,847; Sept. 22.
- Anderson, James L., Tenafly, N. M., assignor to Air Reduction Company, Incorporated, New York, N. Y. Manufacture of fusion welded pipe. 2,036,673; Apr. 7.
- Anderson, Jesse I., assignor to J. I. Holcomb Mfg. Co., Indianapolis, Ind. Double end mop type brush. 2,039,510; May 5.
- Anderson, Joe S., Bellaire, Ohio. Pickling chain. 2,063,017; Dec. 8.
- Anderson, Johan, Stockholm, Sweden. Elastic buckle for men's dress and the like. 2,057,470; Oct. 13.
- Anderson, John A. (See Chase, G. F., and Anderson.)
- Anderson, John A., assignor to Standard Oil Company, Chicago, Ill. Dewaxing hydrocarbon oils. 2,036,188; Apr. 7.
- Anderson, John A., assignor to Standard Oil Company, Chicago, Ill. Dewaxing process. 2,059,837; Nov. 3.
- Anderson, John F., Chicago, Ill., assignor to Continental Diamond Fibre Company, Newark, Del. Radio tube socket. 2,028,035; Jan. 14.
- Anderson, John P., assignor to Koppel Industrial Car and Equipment Company, Koppel, Pa. Car construction. 2,062,981; Dec. 1.
- Anderson, John P., Koppel, assignor, by mesne assignments, to Koppel Industrial Car and Equipment Company, McKees Rocks, Pa. Car construction. 2,034,551; Mar. 17.
- Anderson, John P., Koppel, assignor, by mesne assignments, to Koppel Industrial Car and Equipment Company, McKees Rocks, Pa. Dump car. 2,034,552; Mar. 17.
- Anderson, John P., Koppel, assignor to Pressed Steel Car Company, Pittsburgh, Pa. Car brake. 2,062,982; Dec. 1.
- Anderson, John R., Rochester, N. Y. Cooking apparatus. 2,048,769; July 28.
- Anderson, John S., Ontario, Oreg. Fruit basket packing device. 2,033,504; Mar. 10.
- Anderson, John W., Gary, Ind., and T. J. Smulski, Lake Zurich, Ill., said Smulski, assignor to The Anderson Company, Gary, Ind. Windshield wiper. 2,027,362; Jan. 14.
- Anderson, John W., Gary, Ind. Windshield wiper. 2,031,297; Feb. 18.
- Anderson, John W., Gary, Ind. Indicator. 2,040,195; May 12.
- Anderson, John W., Gary, Ind. Windshield wiper. 2,043,218; June 9.
- Anderson, John W., assignor to Sheller Manufacturing Corporation, Portland, Ind. Attaching spokes to steering wheel hubs. 2,056,554; Oct. 6.
- Anderson, Leslie D., Salt Lake City, Utah, assignor to Potash Company of America. Concentrating ores. 2,046,312; July 7.
- Anderson, Leslie J., Westmont, N. J., assignor to Radio Corporation of America. Sound pick-up device. 2,032,389; Mar. 3.
- Anderson, Lloyd, assignor to National Lock Co., Rockford, Ill. Refrigerator lock. 2,038,354; Apr. 21.
- Anderson, Lottie E., assignor to Standard Oil Company, Chicago, Ill. Barrel seal. 2,027,143; Jan. 7.
- Anderson, Louis A., Somerville, Mass. Holder. 2,029,977; Feb. 4.
- Anderson, Louis I., Chicago, Ill. Cable rack. 2,059,429; Nov. 3.
- Anderson, Lynn T., East Orange, N. J., and F. K. Low, Brooklyn, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,029,693; Feb. 4.
- Anderson, MacGregor S., Chicago, Ill. Core for molding concrete. 2,029,147; Jan. 28.
- Anderson Manufacturing Company. (See Chittick, Charles Y., assignor.)
- Anderson Manufacturing Company. (See Ferguson, Warren T., assignor.)
- Anderson, Mathew, Arvada, Colo. Adjustable bar or spreader for cultivators. 2,035,442; Mar. 31.
- Anderson, Milton B. (See Anderson, Edmund B., assignor.)
- Anderson, Milton B., et al. (See Anderson, Edmund B., assignor.)
- Anderson, Milton J., Warren, Ind. Cuspidor. 2,034,322; Mar. 17.
- Anderson, Nils G., and A. F. T. Lofquist, Malmo, Sweden, assignors to Norton Company, Worcester, Mass. Grinding wheel and treatment thereof. 2,033,668; Mar. 10.
- Anderson, Norman T. (See Sweeley, E. A., and Anderson.)
- Anderson, Norman T., Washington, D. C. Cargo-merchandise bracing means. 2,056,704; Oct. 6.
- Anderson Orchard Company. (See Anderson, W. Charles, assignor.)
- Anderson, Orlin S., Cleveland, and R. T. Anderson, Berea, assignors to The V. D. Anderson Company, Cleveland, Ohio. Drier. 2,042,979; June 2.
- Anderson, Orlin S., Cleveland, and R. T. Anderson, Berea, assignors to The V. D. Anderson Company, Cleveland, Ohio. Apparatus for drying or cooling materials. 2,043,143; June 2.
- Anderson, Otto, Paulsbo, Wash. Sanitary nest. 2,040,457; May 12.
- Anderson, Philip C., Rapid City, S. Dak. Earth scraper. 2,043,220; June 9.
- Anderson Products, Incorporated. (See Ferguson, W. T., and Parks, Jr., assignor.)
- Anderson, Ralph I., Ocean Park, Calif. Fastening. 2,051,066; Aug. 18.
- Anderson, Raymond C., Seattle, Wash. Laminated ski and making the same. 2,038,530; Apr. 28.
- Anderson, Raymond T. (See Anderson, O. S. and R. T.)
- Anderson, Raymond T., Berea, assignor to The V. D. Anderson Company, Cleveland, Ohio. Expelling oil from various substances. 2,065,848; Dec. 29.
- Anderson, Richard D., Baton Rouge, La., assignor to Standard Oil Development Company. Apparatus for filling receptacles. 2,028,266; Jan. 21.
- Anderson, Robert C. (See Hardy, C. L., and Anderson.)
- Anderson, Roy F., Auburn, assignor, by mesne assignments, to Indianapolis Corporation, Indianapolis, Ind. Window for vehicles. 2,030,089; Feb. 11.
- Anderson, Rudolph E., Racine, Wis. Drawing device. 2,044,760; June 23.
- Anderson, Russell G. (See Blazek, J. Y., and Anderson.)
- Anderson, Samuel M. (See Hagen, H. F., and Anderson.)
- Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Inc., Boston, Mass. Air conditioning system. 2,036,672; Apr. 7.
- Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Inc., Boston, Mass. Combined heating and cooling system. 2,041,039; May 19.
- Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Inc., Boston, Mass. Bearing mounting. 2,043,725; June 9.
- Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Method and apparatus for conditioning air. 2,046,716; July 7.
- Anderson, Sigfred E., Los Angeles, Calif. Hydraulic jack. 2,037,298; Apr. 14.
- Anderson, Swan F., Rockford, Ill. Combined filling and capping machine. 2,029,299; Feb. 4.
- Anderson, Swan F., Rockford, Ill. Apparatus for filling containers. 2,042,453; June 2.
- Anderson, Swan F., Rockford, Ill. Capping mechanism. 2,060,967; Nov. 17.
- Anderson, T. Emmett, et al. (See Denney, Marshall E., assignor.)
- Anderson, Thomas L., Hannibal, Mo. Trigger release. 2,033,803; Mar. 10.
- Anderson, Tom, and H. Griffith, Hartwell, and C. M. Henson, Athens, Ga. Folding and pressing attachment for sewing machines. 2,055,470; Sept. 29.
- Anderson, Tyson V., Partridge, Kans. Time period annunciator. 2,042,875; June 2.
- Anderson, V. D., Company, The. (See Anderson, Orlin S. and R. T., assignors.)
- Anderson, V. D., Company, The. (See Anderson, Raymond T., assignor.)
- Anderson, Victor A., Chicago, Ill. Window locking device. 2,041,684; May 26.
- Anderson, Virgil V. (See Hutchens, C. T., and Anderson.)
- Anderson, W. Charles, assignor to Anderson Orchard Company, Linden, Calif. Walnut huller. 2,031,810; Feb. 25.
- Anderson, Walter. (See Harris, Wilford, assignor.)
- Anderson, Walter A. (See Sundstrand, O. J., and Anderson.)
- Anderson, Walter A., Rockford, Ill., assignor, by mesne assignment, to Underwood Elliott Fisher Company, New York, N. Y. Paper feed mechanism. 2,027,572; Jan. 14.
- Anderson, Walter E., et al. (See Gallapher, Cyrus W., Jr., assignor.)
- Anderson, Werner, Iron Mountain, Mich. Jar holder. 2,056,086; Sept. 29.
- Anderson, Wilbur G., Jr., assignor to American Box Board Company, Grand Rapids, Mich. Golf club shipping and display box. 2,054,355; Sept. 15.
- Anderson, William B. (See Leyner, G. A., and Anderson.)
- Anderson, William B., Collinsville, Ala. Cultivator. 2,037,299; Apr. 14.
- Anderson, William B., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Liquid congealing apparatus. 2,037,520; Apr. 14.
- Anderson, William C. (See Hanley, L., and Anderson.)
- Anderson, William R., Jackson, Mich. Combination wood barrel manufacturing machine. 2,054,918; Sept. 22.
- Anderson, William S., assignor to Shoe Press Corporation, Philadelphia, Pa. Welt support. 2,033,669; Mar. 10.
- Anderson, William T., Montrose, Colo. Football game. 2,049,284; July 28.
- Andersson, Gustav H., assignor to Aktiebolaget Separator-Nobel, Stockholm, Sweden. Separating paraffin from fluid hydrocarbons. 2,052,124; Aug. 25.
- Andersson, Ivan, East Hartford, Conn. Hair comb. 2,063,777; Dec. 8.
- Andersson, Nils F., Brevik, assignor to Aktiebolaget Sponsten, Stockholm, Sweden. Internal combustion engine. 2,029,602; Feb. 4.
- Andersson, Nils F. F., Kappala, Lidings, Sweden. Apparatus for cutting sheet metal or the like. 2,035,448; Mar. 31.



- Andersson, Sven W. E., New York, and W. R. Hainsworth, Larchmont, N. Y., assignors, by mesne assignments, to Serval, Inc., Dover, Del. Cooling element for refrigerating systems. 2,057,408; Oct. 13.
- Andis, Mathew, Racine, Wis. Hair thinning mechanism. 2,035,632; Mar. 31.
- Andis, Mathew, Racine, Wis. Hair clipper and shaving clipper. 2,037,957; Apr. 21.
- Andolfo, Roy C. (See Modica, Roy, assignor.)
- Andre (Components) Limited. (See Girling, Albert H. G., assignor.)
- Andre, Gustaf E., Richmond, Ind., assignor to Belden Manufacturing Company, Chicago, Ill. Electric plug connector. 2,028,375; Jan. 21.
- Andreas, Arno, Munster, Germany. Device for conveying finely divided material. 2,029,403; Feb. 4.
- Andreas, Arno, Munster, Germany. Bag filling spout. 2,046,761; July 7.
- Andreas, Arno, Munster, Germany, assignor to Bagpak Inc., New York, N. Y. Bag filling machine. 2,060,011; Nov. 16.
- Andree, John O., and S. R. Youngblood, Wichita Falls, Tex. Pumping unit. 2,046,891; July 7.
- Andres, Louis, Grand, Couronne, assignor to Société d'Etudes pour la Fabrication et l'Emploi des Engrais Chimiques, Paris, France. Separation of ammonium salts from their mixtures with other salts. 2,061,128; Nov. 17.
- Andres, Paul G., assignor to P. R. Mallory & Co., Incorporated, Indianapolis, Ind. Making electrical resistance elements. 2,027,413; Jan. 14.
- Andresen, Herman P., Chicago, Ill. Treating coffee. 2,054,689; Sept. 15.
- Andrew, John A., San Francisco, Calif. Coffee urn. 2,057,550; Oct. 13.
- Andrew, Victor J., Upper Montclair, N. J., assignor to Westinghouse Lamp Company. X-ray tube. 2,030,561; Feb. 11.
- Andrew, William K., Wauwatosa, and R. I. Drake, Appleton, assignor to Marathon Paper Mills Company, Rothschild, Wis. Apparatus and method for setting up containers. 2,027,664; Jan. 14.
- Andrews, Anatol N., Los Angeles, Calif. Manual turn auto signal. 2,056,500; Oct. 6.
- Andrews, Arthur G., Rockford, Ill., assignor to The Washburn Company, Worcester, Mass. Scraper. 2,046,599; July 7.
- Andrews, Charles B., assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Dredge bucket pin. 2,036,976; Apr. 7.
- Andrews, Charles W. (See Petersen, R. S., and Andrews.)
- Andrews, Charles W., Chicago, Ill., and R. S. Petersen, San Antonio, Tex., assignors to Brassert-Tidewater Development Corporation, Chicago, Ill. Coking liquid hydrocarbons. 2,039,763; May 5.
- Andrews, Charles W., Chicago, Ill., and R. S. Peterson, San Antonio, Tex., assignors to Brassert-Tidewater Development Corporation, Chicago, Ill. Treating petroleum residues. 2,051,462; Aug. 18.
- Andrews, Chester E., Brookline, and L. U. Spence, assignors to Röhm & Haas Company, Philadelphia, Pa. Separation and purification of methyl amines. 2,061,889; Nov. 24.
- Andrews Company. (See Andrews, Isaac, assignor.)
- Andrews, Dale E. (See Schamer, J., and Andrews.)
- Andrews, Edward D. (See Alderfer, Sterling W., assignor.)
- Andrews, Edward F., Chicago, Ill. Phonograph. 2,028,130; Jan. 21.
- Andrews, Edward F., Chicago, Ill. Radio receiving set. 2,031,997; Feb. 25.
- Andrews, Edward F., Evanston, assignor to The Andrews-Hammond Corp., Chicago, Ill. Radio receiving device with distant control. 2,028,429; Jan. 21.
- Andrews, Edward F., Chicago, Ill. Radio cable. 2,064,513; Dec. 15.
- Andrews, Garnett, Nashville, Tenn. Pneumatic inner tube. 2,060,714; Nov. 10.
- Andrews, George H., Yonkers, assignor to The Spool Cotton Company, New York, N. Y. Display device. 2,029,603; Feb. 4.
- Andrews & Goodrich, Inc. (See Hansen, Edwin H., assignor.)
- Andrews-Hammond Corp., The. (See Andrews, Edward F., assignor.)
- Andrews, Isaac, assignor to Andrews Company, Spartanburg, S. C. Expansion twine harness. 2,045,683; June 30.
- Andrews, Isaac, assignor to Andrews Company, Spartanburg, S. C. Twine heddle. 2,045,684; June 30.
- Andrews, John D., Washington, D. C. Electrically operated flush valve. 2,056,087; Sept. 29.
- Andrews, John W., and S. T. Swallow, Westfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,056,244; Oct. 6.
- Andrews, Joseph B., Jr., Newport, Ky. Gutter attachment for ventilating windows of motor vehicles. 2,029,978; Feb. 4.
- Andrews, L. V., assignor to Riley Stoker Corporation, Worcester, Mass. Feeding mechanism. 2,055,139; Sept. 22.
- Andrews, Nathaniel R., Yonkers, N. Y. Apparatus for utilizing furnace gases in the reclaiming of bone black and like materials. 2,064,813; Dec. 22.
- Andrews, Nathaniel R., Yonkers, N. Y. Selective valve operating apparatus. 2,064,814; Dec. 22.
- Andrews, Norwood H., Moorestown, assignor to International Pulverizing Corporation, Camden, N. J. Method of and apparatus for providing material in finely divided form. 2,032,827; Mar. 3.
- Andrews, Robert J. M. (See Searle, A. M., Hunt, and Andrews.)
- Andrews Steel Company, The. (See Fleming, William R., assignor.)
- Andrews, William C., Blawnox, Pa. Latch mechanism. 2,052,438; Aug. 25.
- Andrews, William R. (See Bradley, David N., Jr., assignor.)
- Andriano, Albert K., New York, N. Y. Switching and signaling mechanism. 2,063,009; Dec. 8.
- Andrie, Michael B., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Polishing machine. 2,061,607; Nov. 24.
- Andrieux, Jean L., Grenoble, assignor to Société d'Electrochimie, d'Electrometallurgie et des Acieries Electriques d'Ugine, Paris, France. Manufacture of alloys containing boron. 2,033,172; Mar. 10.
- Andrik, Joseph, North Liberty, Iowa. Jar lifter. 2,032,647; Mar. 3.
- Andrus, Orrin E., Milwaukee, Wis. Purifier for drinking water. 2,063,778; Dec. 8.
- Andvig, Hans, Oslo, Norway. Siphon apparatus for impregnating liquids with carbonic acid. 2,051,933; Aug. 25.
- Anello, Tony P., and E. A. LaCourse, Ybor City, Fla. Biscuit and doughnut cutter. 2,046,540; July 7.
- Anetsberger, Frank A., Chicago, Ill. Cooking utensil. 2,061,533; Nov. 17.
- Anetsberger, Frank A. and W., Chicago, Ill. Apparatus for bottling beverages. 2,046,357; July 7.
- Anetsberger, William. (See Anetsberger, Frank A. and W.)
- Angel, Karl, Montreal, Quebec, Canada. Internal combustion engine. 2,030,732; Feb. 11.
- Angel, Perry L. (See Bauer, E. G., and Angel.)
- Angel, William L., and G. K. Schray, Portland, Oreg. Method of and apparatus for scoring paper. 2,058,657; Oct. 27.
- Angell, Arnold A., Oak Park, Ill. Brush and making same. 2,061,129; Nov. 17.
- Angell, Charles H., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Self-seating sleeve-type valve. 2,037,873; Apr. 21.
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oil. 2,047,761; July 14.
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion and coking of hydrocarbon oils. 2,048,986; July 28.
- Angell, George H., Cleveland, and H. F. Lorenz, Cleveland Heights, assignors to Angell Nail & Chaplet Company, Cuyahoga Heights, Ohio. Chaplet. 2,049,886; Aug. 4.
- Angell Nail & Chaplet Company. (See Angell, G. H., and Lorenz, assignors.)
- Angell, Robert C., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Method of and mechanism for forming hardened steel. 2,032,901; Mar. 3.
- Angell, Robert C., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Syringe. 2,034,367; Mar. 17.
- Angell, Robert C., Prince Bay, N. Y., and F. L. O. Wadsworth, Pittsburgh, assignors to The S. S. White Dental Manufacturing Company, Philadelphia, Pa. Manufacture of flexible shafting. 2,038,881; Apr. 28.
- Angelo, Charles J., Westfield, N. J. Tile. 2,032,460; Mar. 3.
- Angeloni, Ernesto, Rome, Italy. Gyroscopic device. 2,044,343; June 16.
- Angelus, Louis, New York, and D. L. Baylis, Long Island, N. Y., said Baylis assignor to said Angelus. Cleaning articles of clothing and the like. 2,044,828; June 23.
- Angelus Paper Box Co. (See Evans, Edward R., assignor.)
- Angely, Alfred G., Horsham, Pa. Treating boiler return water and apparatus therefor. 2,048,046; July 21.
- Angermueller, Herman P., Cranford, N. J., assignor to General Aniline Works, Inc., New York, N. Y. Process and apparatus for washing steam. 2,055,781; Sept. 29.
- Angier, Edward H., Framingham, Mass., assignor to E. H. Angier, Framingham, Mass., as trustee under agreement and declaration of trust, designated as Angier Laboratories. Production of coated creped paper. 2,061,748; Nov. 24.
- Angier Laboratories, Trustee. (See Angier, Edward H.)
- Ångkvist, Per O. (See Thege, E. O. P., and Ångkvist.)
- Anglin, David Z., Mount Carmel, Pa. Switch brace and rerailer. 2,043,645; June 9.
- Angradi, Bruno, Cleveland, Ohio. Air suction control means. 2,064,871; Dec. 22.
- Angremy, Pierre, Capdenac-Gare, France. Manufacture of marquetry panels. 2,033,804; Mar. 10.
- Angstman, Roger W., Detroit, Mich., assignor to McAleer Manufacturing Company. Steam heating system for automobile bodies. 2,057,128; Oct. 13.
- Anguish, Doward F., Canal Winchester, and I. W. Folk, Columbus, Ohio. Automobile winch device. 2,056,150; Oct. 6.



- Anguish, Frank, Wewoka, Okla., assignor of one-half to Phillips Petroleum Company. Hydraulic jack. 2,028,817; Jan. 28.
- Angus, Leslie A., Owosso, Mich., assignor to Semet Solvay Engineering Corporation, New York, N. Y. Carburetted water gas process. 2,029,850; Feb. 4.
- Anibal, Benjamin H., assignor to General Motors Corporation, Pontiac, Mich. Vehicle tail lamp mounting. 2,054,919; Sept. 22.
- Anibal, Benjamin H., and J. W. Leggat, Pontiac, assignors to General Motors Corporation, Detroit, Mich. Fuel tank filler neck construction. 2,053,546; Sept. 8.
- Animal Trap Company of America. (See Zahm, J. D., and Lehn, assignors.)
- Animated Match Company, The. (See Gold, Meyer, assignor.)
- Animated Slides Limited. (See Fegan, Dudley M., assignor.)
- Anjeskey, Alphonse F., Cleveland, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Automatic lift. 2,035,359; Mar. 24.
- Anke, Rudolph, Reading, assignor to Textile Machine Works, Wyomissing, Pa. Full fashioned knitting machine. 2,049,887; Aug. 4.
- Ankenbruck, Leo S. (See Suhm, C. E., and Ankenbruck.)
- Ankeny, Owen C., Gillette, Wyo. Mower pitman bearing housing assembly. 2,056,946; Oct. 13.
- Anker-Werke, A. G. (See Bölter, Wilhelm, assignor.)
- Anker-Werke Aktiengesellschaft. (See Jacob, Max, assignor.)
- Anker-Werke Aktiengesellschaft. (See Naumann, Willy, assignor.)
- Anker-Werke Aktiengesellschaft. (See zur Nieden, Heinz, assignor.)
- Annable, Weldon G. (See Smith, C. L., and Annable.)
- Annen, James E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Cup or dish. 2,060,781; Nov. 17.
- Annen, Robert, assignor to the firm Louis Muller & Cie S. A., Fabrique d'Horlogerie "La Champagne", Bienne, Switzerland. Ball bearing. 2,028,964; Jan. 28.
- Annese, Donato, Red Bank, N. J. Musical tone modulator. 2,037,359; Apr. 14.
- Anning, Harold E., Evanston, assignor to United States Gypsum Company, Chicago, Ill. Building construction. 2,029,009; Jan. 28.
- Anschicks, Rudolph J., assignor to M. E. Shire, Chicago, Ill. Hose connection. 2,045,975; June 30.
- Anschicks, Rudolph J., assignor to Protectoseal Company of America, Chicago, Ill. Container for liquids. 2,065,785; Dec. 29.
- Ansley, Arthur C., New York, N. Y. Multiple record phonograph. 2,043,789; June 9.
- Ansley, Arthur C., New York, N. Y. Carrying case for electric amplifiers or the like. 2,049,039; July 28.
- Anson, John, San Pedro, Calif. Ore smelting and converting furnace. 2,056,499; Oct. 6.
- Ansonia O & C Company, The. (See Fassett, Wallace F., assignor.)
- Anspach, Russell J., Roselle, and J. W. Harrison, Westfield, N. J., assignors to American Telephone and Telegraph Company. Printing telegraph system. 2,028,818; Jan. 28.
- Anstey, Henry C., Cheadle, Stoke-on-Trent, and W. E. Alkins, Leek, assignors to Thomas Bolton & Sons Limited, Widnes, England. Nonferrous metal. 2,060,919; Nov. 17.
- Anstey, Henry C., Cheadle, Stoke-on-Trent, and W. E. Alkins, Leek, assignors to Thomas Bolton & Sons Limited, Widnes, England. Nonferrous metal. 2,060,920; Nov. 17.
- Anstice, Josiah, & Co. Inc. (See Browne, Lindsay H., assignor.)
- Antares Trust Registered. (See Schaarschmidt, Alfred, assignor.)
- Antel, Dorothea S., New York, N. Y. Novelty container. 2,052,594; Sept. 1.
- Antel, John A. (See Colegrove, C. E., and Antel.)
- Anthony, Benjamin F. (See Durich, R. H., and Anthony.)
- Anthony Development Company. (See Anthony, W. C., and Wachter, assignors.)
- Anthony Development Company. (See Anthony, William C., assignor.)
- Anthony, Frank P., New Bloomfield, Mo. Fire and theft alarm switch. 2,050,409; Aug. 11.
- Anthony, Stanley, assignor to Farrington Manufacturing Company, Boston, Mass. Printing device. 2,039,049; Apr. 28.
- Anthony, William C., assignor to Anthony Development Company, Streator, Ill. Pump. 2,044,044; June 16.
- Anthony, William C., and L. Wachter, assignor to Anthony Development Company, Streator, Ill. Vehicle. 2,057,655; Oct. 20.
- Anthracite Devices Corporation. (See Johnson, A. J., and Mulcey, assignors.)
- Anthracite Heat Appliance Corporation. (See Johnson, Allen J., assignor.)
- Antioch Industrial Research Institute, Inc. (See Berdon, Albert E., assignor.)
- Antioch Industrial Research Institute, Inc. (See Bucher, John E., assignor.)
- Antioch Industrial Research Institute, Inc. (See Dearing, Le Roy M., assignor.)
- Antisell, Frank L. (See Whitehead, F. A., and Antisell.)
- Antisell, Frank L., Wilksburg, assignor to Copperweld Steel Company, Glassport, Pa. Working and treating metals. 2,026,605; Jan. 7.
- Anton, Alfred, Eberstadt, assignor to Röhm & Haas, Aktiengesellschaft, Chemische Fabrik, Darmstadt, Germany. Preparing iron sulphate chloride. 2,047,571; July 14.
- Anton, Frederick A., Topeka, Kans. Curved front arm lateral arm awning construction. 2,038,258; Apr. 21.
- Anton, Frederick A., Topeka, Kans. Lateral arm awning. 2,038,259; Apr. 21.
- Anton, Nick J., Cicero, Ill. Clamp. 2,051,670; Aug. 18.
- Antone, John, San Francisco, Calif. Paper towel cabinet. 2,045,820; June 30.
- Antongiovanni, Ugo. (See Dumble, William H., assignor.)
- Antonietta, Joseph, Port Richmond, N. Y. Variable tuning condenser. 2,046,994; July 7.
- Antonio, Alfred D., et al. (See Dolan, J., and Granata, assignors.)
- Antranikian, Haig, Providence, R. I. Magnetic field direction and intensity finder. 2,047,609; July 14.
- Antrim, Louis C., New York, N. Y. Fertilizing stick. 2,032,608; Mar. 3.
- Antrim, William D., Gloucester, N. J., assignor to Roberts & Mander Stove Company, Philadelphia, Pa. Frame. 2,037,611; Apr. 14.
- Antrim, William D., Gloucester, N. J., assignor to Roberts & Mander Stove Company, Philadelphia, Pa. Gas range. 2,064,713; Dec. 15.
- Antrim, William D., Gloucester, N. J., assignor to Roberts & Manders Stove Company, Philadelphia, Pa. Gas range. 2,064,714; Dec. 15.
- Apco Mossberg Corporation. (See Jackson, Alfred F., assignor.)
- Apco Mossberg Corporation. (See Storrie, William.)
- Apex Electrical Manufacturing Company. (See De Lutz, Edward R., assignor.)
- Apex Electrical Manufacturing Company. (See Frantz, Clarence G., assignor.)
- Apex Electrical Manufacturing Company, The. (See Frantz, Paul E., assignor.)
- Apex Electrical Manufacturing Company, The. (See Frantz, Walter A., assignor.)
- Apex Electrical Manufacturing Company. (See Frantz, W. A., and McCabe, assignors.)
- Apex Electrical Manufacturing Company, The. (See Kirby, James B., assignor.)
- Apex Electrical Manufacturing Company, The. (See McCabe, John J., assignor.)
- Apex Electrical Manufacturing Company, The. (See Racklyeft, John W., assignor.)
- Apex Electrical Manufacturing Company, The. (See Seyfried, Arthur W., assignor.)
- Apex Electrical Manufacturing Company, The. (See Te Pas, Edmund J., assignor.)
- Apex Electrical Manufacturing Company, The, as trustee. (See Kirby, James B., assignor.)
- Apex Tool & Cutter Company, The. (See Severson, Ole, assignor.)
- Apotheker, Carl. (See Bonhöte, G., and Apotheker.)
- Apotheker, Carl. (See Knecht, O., Keppeler, and Apotheker.)
- Appel, Julius. (See Schulz, H. I., and Appel.)
- Appel, Oscar J., Paterson, N. J. Oil burning apparatus. 2,034,737; Mar. 24.
- Appel, Oscar J., Paterson, N. J. Hearth construction for oil burners. 2,062,633; Dec. 1.
- Appelberg, Axel O., Stockholm, Sweden, assignor, by mesne assignments, to T. A. Edison, Incorporated, West Orange, N. J. Thermal switch. 2,037,689; Apr. 21.
- Appelberg, Friedrich, Bchum, assignor to Gebrueder Eickhoff, Maschinenfabrik und Eisengiesserei, Bochum, Germany. Shaking conveyor. 2,029,805; Feb. 4.
- Appell, Rudolph, Culver City, Calif. Cooper's croze. 2,048,315; July 21.
- Appenzeller, Johan, Bergdietikon, Switzerland. Hand operated implement for weeding tare. 2,061,542; Nov. 24.
- Appiani, Daniel, New York, N. Y. Rodent trap. 2,056,882; Oct. 6.
- Apple, Bessie D. (See Cotterman, Frederick W., assignor.)
- Apple, Herbert F., executor. (See Apple, Vincent G.)
- Apple, Herbert F., executors et al. (See Apple, Vincent G.)
- Apple, Jack, Henderson, Tex. Continuous mixer. 2,048,913; July 28.
- Apple, Vincent G., deceased, by H. F. Apple, E. M. Apple and G. Darroch, executors, Dayton, Ohio. Mold for making commutators. 2,030,132; Feb. 11.
- Apple, Vincent G., deceased, late of Dayton, Ohio, by H. F. Apple, executor, Dayton, Ohio. Oil sealed bearing. 2,035,519; Mar. 31.
- Apple, Vincent G., deceased, Dayton, Ohio, H. F. Apple, E. M. Apple and G. Darroch, executors. Plastic molding. 2,058,938; Oct. 27.
- Apple, Vincent G., G. Darroch, executor, Dayton, Ohio. Commutator. 2,061,821; Nov. 24.
- Applebaum, David, Los Angeles, Calif. Glow tube control system. 2,030,492; Feb. 11.
- Applebaum, David, Los Angeles, Calif. Television receiver. 2,048,094; July 21.
- Appleby, Lance E., Wichita, Kans. Window sash-balancing means. 2,062,775; Dec. 1.



- Applegarth, George A., San Francisco, Calif. Fire escape. 2,046,762; July 7.
- Appleton Electric Company. (See Appleton, Ernst G., assignor.)
- Appleton Electric Company. (See Tornblom, Nils A., assignor.)
- Appleton, Ernst G., Chicago, Ill., assignor to Appleton Electric Company. Fluid-tight connector for threadless pipes. 2,064,140; Dec. 15.
- Appleton, William A., Wembley, Middlesex, England, assignor to Radio Corporation of America. Thermionic oscillation generator. 2,048,723; July 28.
- Appleton Wire Works, Inc. (See Weber, Louis N., assignor.)
- Appleyard, Kenelm C., and A. Flint, Low Fell, assignors of one-third to The Birtley Company Limited, Birtley, England. Separation of coal and the like. 2,065,205; Dec. 22.
- Apter, Max. (See Jasper, Louis, assignor.)
- Aqua Systems Incorporated. (See Beckwith, C. F., and Main, assignors.)
- Aramendia, Frank C., assignor of one-half to D. Martin, Los Angeles, Calif. Dispensing container. 2,057,812; Oct. 20.
- Arata, Silvio. (See Gerolami, E., and Arata.)
- Arbogast, Alfred C. (See Martin, R., and Arbogast.)
- Arbuckle, Randolph, Geneseo, assignor to The Beardsley & Piper Company, Chicago, Ill. Combined pea harvester and huller. 2,037,300; Apr. 14.
- Arbuckle, S. F., Corporation. (See Arbuckle, S. F., and Coulter, assignors.)
- Arbuckle, Samuel F., and G. H. Coulter, Highland Park, assignor to United Lens Corporation, Detroit, Mich. Lighting system and apparatus. 2,030,620; Feb. 11.
- Arbuckle, Samuel F., and G. H. Coulter, Highland Park, Mich., assignors to S. F. Arbuckle Corporation. Sign reflecting in predetermined direction. 2,043,690; June 9.
- Arcari, Sandro. (See Scheyer, Sophie, (born von Pezachowicz) and Arcari.)
- Arcelon, John, Mount Vernon, N. Y. Circuit controller. 2,031,448; Feb. 18.
- Archea, Walter D. (See Ernst, H., Martellotti, and Archea.)
- Archea, Walter D. (See Romaine, M., and Archea.)
- Archea, Walter D., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Milling machine transmission and electric control therefor. 2,042,245; May 26.
- Archea, Walter D., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Transmission and control mechanism for milling machines. 2,045,685; June 30.
- Archea, Walter D., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Combined milling and boring machine. 2,052,271; Aug. 25.
- Archer, Belle F., New Haven, Conn. Amusement device. 2,037,612; Apr. 14.
- Archer-Daniels-Midland Company. (See Finley, John T., assignor.)
- Archer-Daniels-Midland Company, et al. (See Long, J. S., and Ball, assignors.)
- Archer, Edward G., and J. E. Moore, Rome, Ga., assignors to Tubize Chatillon Corporation. Cap and thread guide for cap spinning machines. 2,058,393; Oct. 27.
- Archer, Frank M., Brookline, and P. McKinnon, Jr., assignors to The Moxie Company, Boston, Mass. Trailer vehicle. 2,049,098; July 28.
- Archer, George F., New York, N. Y. Respiratory actuating means for generators. 2,029,148; Jan. 28.
- Archer, Merton T., assignor to The National-Superior Company, Toledo, Ohio. Polish rod grip. 2,036,992; Apr. 7.
- Archer Rubber Company. (See Gowdy, William F., assignor.)
- Archer, Sylvanus M. (See Bennett, M. D., and Archer.)
- Archibald, Francis M., Roselle, N. J., assignor to Standard Oil Development Company. Stabilizing white oils. 2,035,418; Mar. 24.
- Archibald, Francis M., Elizabeth, N. J., assignor to Standard Oil Development Company. Purifying acid sludge. 2,062,347; Dec. 1.
- Archibald, Francis M., and C. M. Beamer, Elizabeth, N. J., assignors to Standard Alcohol Company. Manufacturing ketones. 2,028,267; Jan. 21.
- Archibald, Francis M., and P. Janssen, Elizabeth, N. J., assignors to Standard Alcohol Company. Purifying naphtha. 2,035,449; Mar. 31.
- Archibald, John F., Redwood City, Calif. Lawn spiker. 2,056,337; Oct. 6.
- Arciere, Joseph. (See Taubert, Herman, assignor.)
- Arco Manifold Co. Inc., The. (See Bonn, Robert M., assignor.)
- Arcturus Development Company. (See Glauber, John J., assignor.)
- Arcturus Development Company. (See Krahl, Walter L., assignor.)
- Arđ, Charles E., Birmingham, Ala., assignor to F. C. Fantz, Webster Groves, Mo. Return bend for cracking stills. 2,030,493; Feb. 11.
- Arco Manufacturing Company. (See Stern, C., Davis, and Gillespie, assignors.)
- Arden, Elizabeth, Inc. (See de Maublanc, Gladys, assignor.)
- Arden, Thomas R., Baldwin, N. Y. Adjustable peep sight for firearms. 2,061,017; Nov. 17.
- Arden, Thomas R., Baldwin, N. Y., assignor to Buddy "L" Manufacturing Company, East Moline, Ill. Toy mechanical shovel. 2,028,582; Jan. 21.
- Arenda Corporation. (See Graham, George H., assignor.)
- Arens, Robert A., Chicago, Ill. Fishing tackle accessory. 2,062,245; Nov. 24.
- Arentsen, Arie H., assignor to "N. V. Handel-en Exploitatie Maatschappij in Octrooien van gewapende asbestement-producten Ferrocil," Amsterdam, Netherlands. Method of and machine for the manufacture of continuous sheets of asbestos cement reinforced with wire netting. 2,033,805; Mar. 10.
- Arentzen, Einar M., assignor to Joy Manufacturing Co., Franklin, Pa. Power system for combined gathering and loading machines. 2,050,982; Aug. 11.
- Arey, Fred C., Oak Park, Ill., and De L. E. Hibner, Jr., Du Bois, Pa., assignors to Vulcan Soot Blower Corporation. Swinging soot blower. 2,030,828; Feb. 11.
- Arey, Ralph G., Swampscott, Mass., assignor to General Electric Company. Indicating instrument. 2,053,939; Oct. 27.
- Arf, Herman R. (See Stacey, A. E., Jr., Ashley, and Arf.)
- Arff, John H., Portland, Oreg. Carburetor. 2,047,661; July 14.
- Arfsten, Newton, assignor of one-fifth to K. Pohl, one-half to P. W. Buchhart, New York, and one-fifth to Franz Borchmann, Little Neck, Long Island, N. Y. Method and apparatus for producing stereoscopic effects. 2,029,300; Feb. 4.
- Argauer, Albert, Buffalo, N. Y. Jar opener. 2,043,144; June 2.
- Arge, Hans C., and H. Tischer, New York, N. Y. Polishing machine. 2,054,458; Sept. 15.
- Arians, Edward, assignor of one-half to W. W. Wallace, Spokane, Wash. Cigar and cigarette extinguisher. 2,051,067; Aug. 18.
- Ariente, Peter J., assignor to Sayles Finishing Plants, Inc., Salesville, R. I. Thermo-adhesive textile fabric and process. 2,038,403; Apr. 21.
- Arisman, Mervin B. (See Schellenger, N. C., and Arisman.)
- Aristo Corporation. (See Stahl, Rodolphe, assignor.)
- Arkell, Bartlett. (See Jarrier, René, assignor.)
- Arkenburgh, Weber H., Schenectady, N. Y., assignor to General Electric Company. Block signal system. 2,030,675; Feb. 11.
- Arlington Mills. (See Arragg, George M., assignor.)
- Arma Engineering Co. (See Foss, Clifton T., assignor.)
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Fluid heater. 2,029,284; Feb. 4.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Superheater. 2,030,422; Feb. 11.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Superheater with adjustable counterradiation. 2,032,390; Mar. 3.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Regulation of steam temperature. 2,032,391; Mar. 3.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Boiler. 2,041,388; May 19.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Superheater for high temperature steam. 2,053,413; Sept. 8.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Boiler. 2,056,245; Oct. 6.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Closure. 2,065,206; Dec. 22.
- Armantrout, Charlie E., Tucson, Ariz. Target. 2,048,155; July 21.
- Armbrust Chain Company. (See Seebeck, Howard D., assignor.)
- Armbruster, John W., East Rockaway, N. Y. Automatic selection device. 2,044,143; June 16.
- Armbruster, John W., East Rockaway, N. Y. Refrigerating cabinet. 2,062,856; Dec. 1.
- Armbruster, John W., East Rockaway, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accumulating device. 2,056,381; Oct. 6.
- Armenault, René, Paris, assignor of one-half to Fabriques de Produits de Chimie Organique de Laire, Issy, France. Preparing plastic materials derived from urea and formaldehyde. 2,061,543; Nov. 24.
- Armentrout, Arthur L., Bakersfield, and E. B. Hall, Los Angeles, Calif. Method and apparatus for testing the productivity of the formation in wells. 2,043,225; June 9.
- Armington, Arthur P. (See Armington, George E. and A. P.)
- Armington, Arthur P., Willoughby, assignor to The Euclid Road Machinery Company, Euclid, Ohio. Axle unit. 2,027,218; Jan. 7.
- Armington, Arthur P., Willoughby, assignor to The Euclid Road Machinery Company, Euclid, Ohio. Locomotive. 2,045,510; June 23.
- Armington, Arthur P., Willoughby, assignor to The Euclid Road Machinery Company, Euclid, Ohio. Crawler wheel link. 2,046,299; June 30.
- Armington, Arthur P., Willoughby, assignor to The Euclid Road Machinery Company, Euclid, Ohio. Driving and steering axle unit. 2,047,050; July 7.



- Armington, Arthur P., Willoughby, assignor to The Euclid Road Machinery Company, Euclid, Ohio. Trailer vehicle. 2,047,762; July 14.
- Armington, Arthur P., Willoughby, and G. E. Armington, South Euclid, assignors to The Euclid Road Machinery Company, Euclid, Ohio. Power wind for trailer vehicles. 2,055,919; Sept. 29.
- Armington, George E. (See Armington, Arthur P. and G. E.)
- Armstrong, George E., South Euclid, and A. P. Armington, Willoughby, assignors to The Euclid Road Machinery Company, Euclid, Ohio. Side dump vehicle. 2,047,051; July 7.
- Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Milling machine. 2,034,221; Mar. 17.
- Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool transmission and control. 2,047,162; July 7.
- Armor, James C., Bellevue, Pa. Refrigerating apparatus. 2,049,793; Aug. 4.
- Armor, James C., Bellevue, Pa. Pump. 2,049,794; Aug. 4.
- Armored Tube Company. (See Petersen, Anker, assignor.)
- Armorte Equipment Incorporated. (See Clark, Raymond L., assignor.)
- Armour and Company. (See Fenger, Frederic, assignor.)
- Armour and Company. (See Jordan, Isaac N., assignor.)
- Armour and Company. (See Potts, Ralph H., assignor.)
- Armour and Company. (See Potts, R. H., and McKee, assignors.)
- Armour and Company. (See Ralston, Anderson W., assignor.)
- Armour and Company. (See Ralston, A. W., and Bauer, assignors.)
- Armour and Company. (See Ralston, A. W., and Christensen, assignors.)
- Armour and Company. (See Ralston, A. W., Christensen, and Bauer, assignors.)
- Armour and Company. (See Ralston, A. W., Christensen, and Selby, assignors.)
- Armour and Company. (See Ralston, A. W., and Jackson, assignors.)
- Armour and Company. (See Ralston, A. W., Pool, and Harwood.)
- Armour and Company. (See Schultz, Kristian, assignor.)
- Armour and Company. (See Sheely, Madison L., assignor.)
- Armour, James W., assignor to Riley Stoker Corporation, Worcester, Mass. Steam boiler. 2,028,036; Jan. 14.
- Arms, Merton H., and J. B. Johnson, assignors to Bryant Chucking Grinder Company, Springfield, Vt. Metal cutting machine. 2,058,940; Oct. 27.
- Armstrong, A. Gordon, et al. (See Smith, Arthur R., assignor.)
- Armstrong, Charles A., et al. (See Madsen, Sern, assignor.)
- Armstrong, Charles C., assignor to L. R. Nelson Mfg. Co., Inc., Peoria, Ill. Sprinkler. 2,033,107; Mar. 10.
- Armstrong, Clifford G., Meriden, Conn., L. B. Armstrong, executrix. Safety guard for foot presses. 2,049,990; Aug. 4.
- Armstrong Cork Company. (See Brand, Norman A., assignor.)
- Armstrong Cork Company. (See Hawker, Clifford F., assignor.)
- Armstrong Cork Company. (See Hawker, C. F., Herr, and Rottmund, assignors.)
- Armstrong Cork Company. (See Prentis, Henning W., Jr., assignor.)
- Armstrong Cork Company. (See Rottmund, Fred G., assignor.)
- Armstrong Cork Company. (See St. Claire, Charles W., assignor.)
- Armstrong Cork Company. (See Tucker, William B., assignor.)
- Armstrong Cork Company. (See Votteler, Frederick, assignor.)
- Armstrong Cork Company. (See Wenrich, C. N., Paschke, and Vogt, assignors.)
- Armstrong, Edward W. (See Rapaport, N., Armstrong, and Hutchinson.)
- Armstrong, Edwin H., New York, N. Y. Radio transmitting system. 2,063,074; Dec. 8.
- Armstrong, Ernest, West Collingswood, N. J., and J. E. Thebaud, Philadelphia, Pa., said Thebaud assignor to said Armstrong. Oil sealing device for journal boxes. 2,054,017; Sept. 8.
- Armstrong, George A., Cranston, R. I., assignor to William C. Greene Company. Finger ring. 2,054,667; Sept. 15.
- Armstrong, George C., Wilksburg, and D. Ellis, Turtle Creek, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Relay. 2,036,250; Apr. 7.
- Armstrong, H. Arnott. (See McIntyre, William W., assignor.)
- Armstrong, Harry Y., Syracuse, N. Y. Bed attachment for invalids. 2,057,811; Oct. 20.
- Armstrong, Henry, Montreal, Quebec, and C. N. Dunton, Toronto, Ontario, assignors to Vibra-Lite Limited, Montreal, Quebec, Canada. Illuminated display apparatus. 2,050,551; Aug. 11.
- Armstrong, Herbert M. (See Eaton, G. R., and Armstrong.)
- Armstrong, James L., Miami Beach, Fla. Apparatus for filling syringe cartridges and the like. 2,064,815; Dec. 22.
- Armstrong, Levi B., Chicago, Ill., assignor to The Lundie Engineering Corporation, New York, N. Y. Rail supporting and securing means. 2,040,824; May 19.
- Armstrong, Luella B. (executrix). (See Armstrong, Clifford G.)
- Armstrong Manufacturing Co. (See Clabby, M. J., and Ashmun, assignors.)
- Armstrong, Merton C., assignor to The Sterling Siren Fire Alarm Company Inc., Rochester, N. Y. Signaling device. 2,030,733; Feb. 11.
- Armstrong, Murray, Los Angeles, Calif. Corner shelf. 2,036,184; Apr. 7.
- Armstrong-Newpart Company. (See Cover, Lester E., assignor.)
- Armstrong, Percy A. E., Beverly Hills, Calif. Valve for internal combustion engines. 2,052,862; Sept. 1.
- Armstrong, Percy A. E., Beverly Hills, Calif., and R. R. Rogers, New York, N. Y.; said Rogers assignor to said Armstrong. Composite ferrous bodies. 2,044,742; June 16.
- Armstrong, Robert B., Roachdale, Ind. Camera. 2,030,773; Feb. 11.
- Armstrong, Victor C., Short Hills, N. J., assignor to The Rail Joint Company, New York, N. Y. Fabricating splice bars. 2,060,782; Nov. 17.
- Armstrong, Sir W. G., Whitworth Aircraft Limited. (See Murray, C. V., and Lloyd, assignors.)
- Armstrong, Sir W. G., Whitworth Aircraft, Limited. (See Siddeley, J. D., and Wylie, assignors.)
- Armstrong, Walter J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Rotary reducing machine. 2,031,683; Feb. 25.
- Armstrong, Walter J., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Reducing machine. 2,036,522; Apr. 7.
- Armstrong, Walter J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Coal crusher. 2,045,686; June 30.
- Armstrong, Walter J., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Reducing machine. 2,045,687; June 30.
- Armstrong, Walter J., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Reducing machine. 2,045,688; June 30.
- Armstrong, Walter J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Rotary reducing machine. 2,045,689; June 30.
- Armstrong, Walter J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Reducing machine. 2,045,690; June 30.
- Armstrong, Walter J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Pulverizer. 2,045,691; June 30.
- Arndt, Ernest A., assignor to Kari-Keen Manufacturing Co., Sioux City, Iowa. Wheel carrier structure. 2,049,681; Aug. 4.
- Arndt, Ernest A., Sioux City, Iowa. Combination trunk and luggage carrier. 2,063,478; Dec. 8.
- Arndt, Ervin F., Tinley Park, Ill. Closure operator. 2,046,441; July 7.
- Arndt, Franklin E., assignor to The Gallion Iron Works & Mfg. Co., Gallion, Ohio. Mold-board elevating and lowering mechanism for road graders. 2,033,117; Mar. 10.
- Arnesen, Walter A., New York, N. Y. Battery box 2,058,755; Oct. 27.
- Arness, William B., assignor, by mesne assignments, to Rustless Iron and Steel Corporation, Baltimore, Md. Pouring practice and apparatus. 2,049,148; July 28.
- Arness, William B., assignor, by mesne assignments, to Rustless Iron and Steel Corporation, Baltimore, Md. Production of rustless iron. 2,056,162; Oct. 6.
- Arnham, Albert A., assignor to Akay Electron Co., Chicago, Ill. Converter for light rays. 2,058,941; Oct. 27.
- Arnois, Charles L., Philadelphia, Pa. Spark plug. 2,048,481; July 21.
- Arnold, Albert W., Miami, Fla. Dispensing container. 2,027,760; Jan. 14.
- Arnold, Albert W., Miami, Fla. Dispensing container. 2,036,739; Apr. 7.
- Arnold, Albert W., Charlotte, N. C. Valve for pneumatic engines. 2,037,492; Apr. 14.
- Arnold, Arthur A. (See Gilbert, A. C., and Arnold.)
- Arnold, Arthur A., assignor to The A. C. Gilbert Company, New Haven, Conn. Bearing structure. 2,030,193; Feb. 11.
- Arnold, Arthur A., Pottstown, assignor of one-half to H. Sarfert, Philadelphia, Pa. Tension device. 2,035,253; Mar. 24.
- Arnold, Arthur B. (See Jaden, F. I., and Arnold.)
- Arnold, Charles A., West Haven, Conn. Sand spreader. 2,060,652; Nov. 10.
- Arnold, Charles B., assignor to Seymour & Peck Co., Chicago, Ill. Barrel. 2,043,026; June 2.
- Arnold, Charles F. (See Barr, H. F., Arnold, and Gordon.)
- Arnold, Charles F., Woodville, Ohio. Spall lime kiln. 2,063,219; Dec. 8.
- Arnold, Clayton L. (See Kimball, W. D., Hedden, and Arnold.)



- Arnold, Craig R., Dahlonaga, Ga., and F. N. Moerk, Philadelphia, Pa. Treatment of pyritic materials. 2,065,547; Dec. 29.
- Arnold, Edwin E., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Commutator structure. 2,060,480; Nov. 10.
- Arnold, Ernest H., Cleveland, Ohio. Manufacturing metal vehicle wheels. 2,053,648; Sept. 8.
- Arnold, Franc, assignor of three-tenths to B. M. Vogel, St. Louis, Mo. Telephone. 2,062,019; Nov. 24.
- Arnold, Harold D., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic materials. 2,028,180; Jan. 21.
- Arnold, Herrick R., Elmhurst, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ketone condensation products. 2,046,145; June 30.
- Arnold, Herrick R., Elmhurst, and W. A. Lazier, Marshallton, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalyst and preparing same. 2,034,077; Mar. 17.
- Arnold, Herrick R., Elmhurst, and W. A. Lazier, Marshallton, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalysts and preparing and using same. 2,047,945; July 21.
- Arnold, J. Jennings, Seattle, Wash. Valve structure. 2,053,456; Sept. 8.
- Arnold, James B. (See Claffin, H. C., and Arnold.)
- Arnold, John W., San Francisco, Calif. Lubricator for pneumatic tools. 2,044,765; June 23.
- Arnold, John W., San Francisco, Calif. Adjustable feed for pneumatic tool lubricators. 2,046,313; July 7.
- Arnold, Karl, Nuremberg, Germany. Mechanical toy. 2,062,046; Nov. 24.
- Arnold, Karl, Nuremberg, Germany. Gyration toy. 2,062,490; Dec. 1.
- Arnold, Pearl C., West Hanover, assignor, by mesne assignments, to Barbour Welting Company, Brockton, Mass. Felting and shoemaking therewith. 2,039,287; May 5.
- Arnold, Pearl C., West Hanover, assignor to Barbour Welting Company, Brockton, Mass. Ring welt and method of making. 2,062,288; Dec. 1.
- Arnold Robert. (See Symank, Karl, assignor.)
- Arnold, Russell B. (See Sanders, Frank G., assignor.)
- Arnold, Stanley. (See Arnold, Thomas, and A.)
- Arnold, Thomas and S., Bradford, England. Rubber compositions. 2,059,430; Nov. 3.
- Arntzen, Ole B., assignor to Gray-Arntzen Co., Seattle, Wash. Tank gauge float. 2,043,364; June 9.
- Aro Equipment Corporation. (See Carter, John F., assignor.)
- Aro Equipment Corporation, The. (See Eastman, Ivan L., assignor.)
- Aro Equipment Corporation, The. (See Esser, Rupert P., assignor.)
- Aro Equipment Corporation, The. (See Ginter, C. W. and Carter, assignors.)
- Aro Equipment Corporation, The. (See Nielsen, Iver B., assignor.)
- Aron, Simon, et al. (See Hirst, Edwin P., assignor.)
- Aronberg, David G., New York, N. Y. Bridge problem work board. 2,041,452; May 19.
- Aroner, Allan W. (See Hermsdorf, W. H., and Aroner.)
- Aronov, Philip, and W. H. Scott, assignors to A. & S. Shoe Engineering Co., Inc., Chicago, Ill. Shoe lasting device. 2,048,724; July 28.
- Aronovsky, Samuel I., St. Paul, assignor to The Northwest Paper Company, Cloquet, Minn. Alcoholic treatment of ligneous cellulosic material. 2,037,001; Apr. 14.
- Aronow, Abraham W., Philadelphia, Pa. Cushion blanket. 2,038,335; Apr. 21.
- Arons, Louis, assignor to N. H. Arons, Chicago, Ill. Underwear garment. 2,033,505; Mar. 10.
- Arons, Norman H. (See Arons, Louis, assignor.)
- Aronson, Jerome B. (See Goodman, Harry S., assignor.)
- Aronson, Louis V., Newark, N. J. Pyrophoric spark producing mechanism. 2,055,993; Sept. 29.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Flame-producing mechanism and associated receptacle. 2,033,108; Mar. 10.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Spark producing mechanism. 2,051,934; Aug. 25.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Casing panel arrangement. 2,052,689; Sept. 1.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Pyrophoric lighter construction. 2,053,649; Sept. 8.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Dispensing arrangement. 2,064,584; Dec. 15.
- Aronson, Meyer L., assignor of one-half to W. Zachs, Hartford, Conn. Attachment for rulers. 2,026,768; Jan. 7.
- Aronsson, Maurice, Trustees et al. (See Fineberg, Abraham, assignor.)
- Arpels, Salomon dit Charles, assignor to Société van Cleef & Arpels, Paris, France. Jewel setting. 2,056,705; Oct. 6.
- Arragg, George M., assignor to Arlington Mills, Lawrence, Mass. Stop motion. 2,044,238; June 16.
- Arras, George, Chicago, Ill. Fixture support. 2,052,069; Aug. 25.
- Arras, George, Chicago, Ill. Floodlight reflector. 2,058,548; Oct. 27.
- Arrow-Hart & Hegeman Electric Company, The. (See Bentley, Robert H., assignor.)
- Arrow-Hart & Hegeman Electric Company, The. (See Dahl, Magnus G., assignor.)
- Arrow-Hart & Hegeman Electric Company, The. (See Fitzgerald, George E., assignor.)
- Arrow-Hart & Hegeman Electric Company, The. (See Johnson, David W., assignor.)
- Arrow-Hart & Hegeman Electric Company, The. (See Nero, Arvid H., assignor.)
- Arrow Safety Device Company. (See Haines, John R., assignor.)
- Arrow Tools, Inc. (See Pollard, Hugh E., assignor.)
- Arsneau, George, Los Angeles, Calif., assignor, by mesne assignments, to Dow Power Saw Company. Chain saw unit. 2,032,609; Mar. 3.
- Arsneau, George, Los Angeles, Calif., assignor, by mesne assignments, to Dow Power Saw Company. Positioning and supporting means for portable saws. 2,038,626; Apr. 28.
- Arsneau, George, Los Angeles, Calif., assignor, by mesne assignments, to Dow Power Saw Company. Sawing machine. 2,051,195; Aug. 18.
- Arsneau, George, Los Angeles, Calif., assignor, by mesne assignments, to Dow Power Saw Company. Chain saw. 2,060,547; Nov. 10.
- Art Crayon Company. (See Weeks, Robert W., assignor.)
- Artcraft Venetian Blind Company. (See Victori, August T., assignor.)
- Artcraft Venetian Blind Company. (See Woodruff, George, assignor.)
- Arter Grinding Machine Company. (See Arter, William and Harry, assignors.)
- Arter, Harry. (See Arter, William and Harry.)
- Arter, William and H., assignors to Arter Grinding Machine Company, Worcester, Mass. Grinding machine. 2,028,642; Jan. 21.
- Arthur, James H. (See Reiter, D. I., and Arthur.)
- Arthur, James L. (See Dyer, J. B., and Arthur.)
- Arthur, James L., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Ignition apparatus. 2,027,507; Jan. 14.
- Arthur, James L., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Distributor cap. 2,064,052; Dec. 15.
- Arthur, James L., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Starting and ignition system. 2,065,882; Dec. 29.
- Arthur, Oscar F. (See Edge, W. S., and Arthur, assignors.)
- Arthur, William H., assignor to Beach & Arthur, Inc., Indianapolis, Ind. Paper food container. 2,032,343; Mar. 3.
- Art Metal Construction Company. (See Skar, John G. L., assignor.)
- Art Metal Works, Inc. (See Aronson, Louis V., assignor.)
- Arton, Sven, Chicago, Ill. Ring-sundial. 2,033,604; Mar. 10.
- Arutunoff, Armais. (See Brown, C. C., Van Wert, and Arutunoff.)
- Arutunoff, Armais, Bartlesville, Okla. Stabilizing the fluctuating flow of liquids in pipe or conduit systems. 2,051,019; Aug. 18.
- Arutunoff, Armais, Tulsa, assignor to Reda Pump Company, Bartlesville, Okla. Pipe line pump unit. 2,034,790; Mar. 24.
- Arvedson, George C. (See Barkeij, Jean A. H., assignor.)
- Arveson, Maurice H., Highland, Ind., assignor to Standard Oil Company, Chicago, Ill. Purifying mahogany soap. 2,059,838; Nov. 3.
- Arvidius, Svante P., Malmö, Sweden. Automatic Gramophone. 2,031,449; Feb. 18.
- Arvin, James A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Product and preparing same. 2,029,851; Feb. 4.
- Arvin, James A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resinous compositions. 2,058,394; Oct. 27.
- Arvin, James A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,060,715; Nov. 10.
- Arvin, James A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,060,716; Nov. 10.
- Arvintz, Abraham A., assignor to Seal-O-Strain Corporation, Brooklyn, N. Y. Closure and strainer device. 2,042,921; June 2.
- Arynski, Leonard W., et al. (See McCarty, Madison P., assignor.)
- Asahina, Yasuhiko, and M. Ishidate, Tokyo, Japan. Preparing D-trans-II-oxo-camphor from iso-ketopinic acid. 2,045,062; June 23.
- Asahina, Yasuhiko, and M. Ishidate, Tokyo, Japan. Preparing optically active trans-pi-hydroxycamphor from optically active alpha-pi-(trans)-dihalogen camphor. 2,056,441; Oct. 6.
- Asbridge, Harry H., Ashton-on-Mersey, assignor to The Churchill Machine Tool Company Limited, Broadheath, near Manchester, England. Spindle bearing. 2,028,487; Jan. 21.
- Asbridge, Harry H., Ashton-on-Mersey, assignor to The Churchill Machine Tool Company Limited, Broadheath, near Manchester, England. Spindle bearing. 2,053,389; Sept. 8.



- Asbury, Arthur B. (See Smith, H., Schiedel, and Asbury.)  
 Asbury, Richard A. (See Asbury, Thomas W., R. A., and Fredriksson.)  
 Asbury, Thomas W., Valdosta, Ga., R. A. Asbury, Joliet, Ill., and J. F. Fredriksson, Baldwin, assignors to American Cyanamid & Chemical Corporation, New York, N. Y. Making a dry rosin size composition. 2,050,997; Aug. 11.  
 Asch, Abraham B. (See Laughlin, W. C., and Asch.)  
 Asch, Joseph C., Montreal, Quebec, Canada. Lighting device. 2,036,616; Apr. 7.  
 Aschenbach, Emerson. (See Gruver, F. S., and Aschenbach.)  
 Aschenborn, Helmut, Coblenz-on-the-Rhine, Germany. Device for producing plastic reproductions of corporeal forms. 2,043,503; June 9.  
 Aseltine, Fred E., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Charge forming device. 2,033,220; Mar. 10.  
 Aseltine, Fred E., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Charge forming device. 2,035,938; Mar. 31.  
 Aseltine, Fred E., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Charge forming device. 2,047,899; July 14.  
 Aseltine, Fred E., C. H. Kindl, and W. H. Teeter, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Charge forming device. 2,038,157; Apr. 21.  
 Ash, Charles N., Chicago, Ill., assignor to E. C. Chandler, Cleveland, Ohio. Feeder device. 2,038,260; Apr. 21.  
 Ash, Charles N., Chicago, Ill., assignor to E. C. Chandler, Cleveland, Ohio. Feeding means. 2,057,286; Oct. 13.  
 Ash, Charles S., Royal Oak, assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Skeleton vehicle wheel. 2,040,541; May 12.  
 Ash, Charles S., and P. Berglund, assignors to California Packing Corporation, San Francisco, Calif. Treating fish. 2,064,872; Dec. 22.  
 Ashbaugh, John H. (See Frisch, E., Schaelchlin, and Ashbaugh.)  
 Ashdown, Kenneth T. (See Hill, C. H., and Ashdown.)  
 Ashe Manufacturing Corporation. (See Ganson, Charles F., assignor.)  
 Ashe, Marselius T., Garden City, assignor to B. Collier, New York, N. Y. Display device. 2,065,039; Dec. 22.  
 Ashe, William O., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Car under-frame structure. 2,032,195; Feb. 25.  
 Ashe, William O., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Locomotive cylinder structure. 2,065,548; Dec. 29.  
 Ash-Howard-Needles & Tammen. (See Howard, E. E., and Tammen, assignors.)  
 Ashkenas, David, Middletown, N. Y. Pocketbook. 2,064,333; Dec. 15.  
 Ashley, Carlyle M. (See Stacey, A. E., Jr., and Arf.)  
 Ashley, Carlyle M., Maplewood, assignor, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J. Controlling the flow of liquid. 2,059,721; Nov. 3.  
 Ashley, Carlyle M., Maplewood, assignor, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J. Multipurpose heat transfer unit. 2,059,839; Nov. 3.  
 Ashley, Frank M., Brooklyn, N. Y. Inkstand set. 2,058,203; Oct. 20.  
 Ashley, John W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Nailing machine. 2,033,221; Mar. 10.  
 Ashley, Sterling F. (See Drenning, P. R., Ashley, and Casey.)  
 Ashlock, Ernest H., assignor of one-half to F. E. Croucher, San Diego, Calif. Navigation instrument. 2,051,810; Aug. 25.  
 Ashmore, Leon H., Collingswood, assignor to The Esterbrook Steel Pen Manufacturing Co., Camden, N. J. Pen and making the same. 2,037,699; Apr. 21.  
 Ashmun, Harry S. (See Clabby, M. J., and Ashmun.)  
 Ashton, Charles E., Stockton, Calif. Streamer line rail. 2,028,750; Jan. 28.  
 Ashton, Philip E., assignor to The Cuno Engineering Corporation, Meriden, Conn. Cigar lighter. 2,060,783; Nov. 17.  
 Ashton Valve Company, The. (See Baker, Harry S., assignor.)  
 Ashton, Ward, Ottawa, Ontario, Canada. Identification tag. 2,060,921; Nov. 17.  
 Ashton, William H. (See Chambers, Leslie A., assignor.)  
 Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 2,043,219; June 9.  
 Ashworth, Harry E. (See Lazich, B., and Ashworth.)  
 Ashworth, John, Albany, N. Y. Oil level indicator. 2,043,877; June 9.  
 Askania-Werke A. G. vormalms Central Werkstatt Dessau und Carl Bamberg-Friedenau. (See Wunsch, Guido, assignor.)  
 Askania-Werke A. G. vormalms Central Werkstatt Dessau und Carl Bamberg-Friedenau. (See Wunsch, G., and Humby, assignors.)  
 Askania-Werke A. G. vormalms Central Werkstatt Dessau und Carl Bamberg-Friedenau. (See Wunsch, G., and Ziebolz, assignors.)  
 Askania-Werke Aktiengesellschaft. (See Wunsch, Guido, assignor.)  
 Aske, Charles B., Jr., Detroit, Mich. Steam generating unit. 2,047,848; July 14.  
 Aske, Irving E., Muskegon, assignor to Campbell Wyant and Cannon Foundry Company, Muskegon Heights, Mich. Internal combustion engine. 2,040,915; May 19.  
 Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Beverage cooling device. 2,027,665; Jan. 14.  
 Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Heat interchanger. 2,034,553; Mar. 17.  
 Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigerated beverage dispensing apparatus. 2,042,418; May 26.  
 Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Room cooler. 2,042,420; May 26.  
 Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigeration apparatus. 2,054,404; Sept. 15.  
 Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigerant control device. 2,062,857; Dec. 1.  
 Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Making refrigerating apparatus. 2,064,141; Dec. 15.  
 Askin, Joseph, and J. D. Lear, assignors to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigeration apparatus. 2,036,979; Apr. 7.  
 Askin, Joseph, and J. D. Lear, assignors to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Oil return device for flooded evaporators. 2,042,419; May 26.  
 Asmussen, August J., and T. G. Paolillo, Brooklyn, N. Y. Apparatus for continuously wrapping ice cream or other products. 2,049,756; Aug. 4.  
 Asmussen, Peter, Seattle, Wash. Scale mechanism. 2,051,811; Aug. 25.  
 Asnes, Benjamin, Quincy, assignor to Dennison Manufacturing Company, Framingham, Mass. Paper product and method of making. 2,046,763; July 7.  
 Aspen, Alfred W. (See Buck, H. G., and Aspen.)  
 Asper, John, Hazleton, and H. E. Fisher, Philadelphia, Pa. Adjustable suspension means. 2,056,933; Oct. 13.  
 Aspinall, Donald A., Twickenham, England. Hand or treadle operated printing press. 2,065,258; Dec. 22.  
 Aspinook Company, The. (See Borghetty, Hector C., assignor.)  
 Asplund, Arne J. A., assignor to Aktiebolaget Defibrator, Stockholm, Sweden. Treatment of fibrous material. 2,047,170; July 14.  
 Asplund, August, San Francisco, Calif. Dispensing device. 2,053,809; Sept. 8.  
 Asquith, Kenneth G., assignor to J. W. Elsworth, Philadelphia, Pa. Overhead door. 2,054,735; Sept. 15.  
 Assael & Arbib, Incorporated. (See Frohlich, Irving, assignor.)  
 Assala, Anthony, Des Moines, Iowa. Propeller. 2,058,122; Oct. 20.  
 Assel, Walter J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Rolling tubes and rods. 2,060,767; Nov. 10.  
 Assel, Walter J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Tube mill. 2,060,768; Nov. 10.  
 Associated Attleboro Manufacturers, Inc. (See Blackinton, Amos S., assignor.)  
 Associated Electric Laboratories, Inc. (See Crocker, Thomas F., assignor.)  
 Associated Electric Laboratories, Inc. (See Erickson, Charles J., assignor.)  
 Associated Electric Laboratories, Inc. (See Evers, Harry G., assignor.)  
 Associated Electric Laboratories, Inc. (See Gohorel, Fernand P., assignor.)  
 Associated Electric Laboratories, Inc. (See Grandstaff, Otho D., assignor.)  
 Associated Electric Laboratories, Inc. (See Hershey, Harry E., assignor.)  
 Associated Electric Laboratories, Incorporated. (See Hershey, H. E., and Belliveau, assignors.)  
 Associated Electric Laboratories, Inc. (See Homer, William J., assignor.)  
 Associated Electric Laboratories, Inc. (See Lesh, Laurence J., assignor.)  
 Associated Electric Laboratories, Inc. (See Levy, Oscar S., assignor.)  
 Associated Electric Laboratories, Inc. (See Levy, O. C., and Lomax, assignors.)  
 Associated Electric Laboratories, Inc. (See Lomax, Clarence E., assignor.)  
 Associated Electric Laboratories, Inc. (See McCarthy, Daniel J., assignor.)  
 Associated Electric Laboratories, Inc. (See Miller, Merton R., assignor.)  
 Associated Electric Laboratories, Inc. (See Nelson, Martin L., assignor.)  
 Associated Electric Laboratories, Inc. (See Obergfell, Herbert F., assignor.)  
 Associated Electric Laboratories, Inc. (See Obergfell, H. F., and Peterson, assignors.)  
 Associated Electric Laboratories, Inc. (See Peterson, Edward S., assignor.)  
 Associated Electric Laboratories, Inc. (See Peterson, Seth, assignor.)  
 Associated Electric Laboratories, Inc. (See Pye, Harold C., assignor.)



- Associated Electric Laboratories, Inc. (See Remington, Charles, assignor.)
- Associated Electric Laboratories, Inc. (See Richardson, R. G., and Bellamy, assignors.)
- Associated Electric Laboratories, Inc. (See Riebe, T. C., Lomax, and Obergfell assignors.)
- Associated Electric Laboratories, Inc. (See Robinson, H. C., and Bellamy, assignors.)
- Associated Electric Laboratories, Inc. (See Sengebusch, Hans, assignor.)
- Associated Electric Laboratories, Incorporated. (See Voss, John H., assignor.)
- Associated Electric Laboratories, Inc. (See Wagner, Ralph W., assignor.)
- Associated Electric Laboratories, Inc. (See Wicks, John, assignor.)
- Associated Electric Laboratories, Inc. (See Woodruff, Albert E., assignor.)
- Associated Electric Laboratories, Inc., et al. (See Woodruff, L. F., and Nelson, assignors.)
- Associated Electric Laboratories, Inc. (See Wyant, Leroy, assignor.)
- Associated Inventions, Inc. (See Kern, William H., assignor.)
- Associated Oil Company. (See Lazar, A., and Evans, assignors.)
- Associated Oil Company. (See Stark, D. D., and Edwards, assignors.)
- Associated Patentees, Inc. (See Borton, Alwyn E., assignor.)
- Associated Patents, Inc. (See De Vlieg, Charles B., assignor.)
- Associated Patents, Inc. (See De Vlieg, C. B., and Lundberg, assignors.)
- Associated Telephone and Telegraph Company. (See Burns, G. A., and Gunning, assignors.)
- Associated Telephone and Telegraph Company. (See Saxby, Robert N., assignor.)
- Associated Telephone Utilities Company. (See Collins, R. D., and Crane, assignors.)
- Associated Telephone Utilities Company. (See Collins, R. D., Reid, and Bourne, assignors.)
- Astima, Eugène, Paris, France. Shadow producing screen for luminous projections and other applications and its manufacture. 2,053,173; Sept. 1.
- Astro Research Laboratories, Inc. (See Ostromislensky, Iwan, assignor.)
- Astrov, Dimitrij. (See Dmitrevskij, P., and Astrov.)
- Astrup Company, The. (See Heiser, Henry C., assignor.)
- Atchinson, Walter B., assignor to The Chapman Valve Manufacturing Company, Indian Orchard, Mass. Valve operating mechanism. 2,027,363; Jan. 14.
- Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Refrigerating system. 2,030,676; Feb. 11.
- Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Refrigerator. 2,031,450; Feb. 18.
- Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Flooded evaporator. 2,042,493; June 2.
- Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Evaporator for refrigerating machines. 2,043,917; June 9.
- Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,059,840; Nov. 3.
- Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Refrigerator evaporator. 2,060,653; Nov. 10.
- Atchison Revolving Door Co., The. (See Luke, Leo C., assignor.)
- Atchison Revolving Door Co., The. (See Uhrich, Burns H., assignor.)
- Ateliers de Constructions Electriques de Delle. (See Clerc, André, assignor.)
- Athens, Donald A. (See Welk, N. S., and Athens.)
- Atherholt, Gordon M., Mt. Lebanon, assignor, by mesne assignments, to Gulf Oil Corporation, Pittsburgh, Pa. Making aluminum chloride. 2,048,987; July 28.
- Atherton, George R., Scarsdale, assignor to American Radiator Company, New York, N. Y. Ventilating and air treating apparatus. 2,050,824; Aug. 11.
- Athey Truss Wheel Co. (See Kuchar, Joseph, assignor.)
- Athill, Leslie C. H., Golders Green, London, England. Electrical heating apparatus. 2,041,631; May 19.
- Atienza, Mauricio P., Brooklyn, N. Y. Radio antenna device. 2,064,585; Dec. 15.
- Atkins, E. C., and Company. (See Gommel, Dewey E., assignor.)
- Atkins, E. C., and Company. (See Hoppe, Arnold F., assignor.)
- Atkins, George E., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mounting for acoustic devices. 2,036,010; Mar. 31.
- Atkins, Stuart A., Westfield, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated textile material. 2,031,629; Feb. 25.
- Atkinson, Arius, assignor of one-fourth to J. E. Berry, Stillwater, Okla. Antifreezing device. 2,062,246; Nov. 24.
- Atkinson, Ernest, Toronto, Ontario, Canada. Inset tap. 2,027,011; Jan. 7.
- Atkinson, Haserick & Co. (See Howard, Norman, assignor.)
- Atkinson, James S., London, England. Heat treatment of metal sheets. 2,040,724; May 12.
- Atkinson, Jerome T., Winnetka, Ill. Lamp harp. 2,048,988; July 28.
- Atkinson, John I., San Gabriel, Calif. Hothouse. 2,046,600; July 7.
- Atkinson, John I., San Gabriel, Calif. Hothouse. 2,046,601; July 7.
- Atkinson, Ralph L., Dorchester, assignor to Arthur D. Little, Incorporated, Cambridge, Mass. Process and apparatus for treating sausage casings. 2,030,843; Feb. 18.
- Atkinson, Ralph W., Perth Amboy, N. J., assignor to General Cable Corporation, New York, N. Y. Cable. 2,050,990; Aug. 11.
- Atkinson, Ralph W., Perth Amboy, N. J., assignor to General Cable Corporation, New York, N. Y. Cable and method of making. 2,050,991; Aug. 11.
- Atkinson, Ralph W., Perth Amboy, and A. M. Hagen, Woodbridge, N. J., assignors to General Cable Corporation, New York, N. Y. Electrical installation. 2,042,421; May 26.
- Atkinson, Ray E., Fowler, Ind. Breaking plow. 2,028,819; Jan. 28.
- Atlanta Harness and Reed Manufacturing Company. (See Floyd, Samuel R., assignor.)
- Atlantic Pipe Line Company. (See Howe, R. W., Love, and Wood, assignors.)
- Atlantic Refining Company, The. (See Birkhimer, Edwin R., assignor.)
- Atlantic Refining Company, The. (See Boyd, James H., Jr., assignor.)
- Atlantic Refining Company, The. (See Ferris, Seymour W., assignor.)
- Atlantic Refining Company, The. (See Funsten, Stanard R., assignor.)
- Atlantic Refining Company, The. (See Geniesse, J. C., and Reuter, assignors.)
- Atlantic Refining Company, The. (See Henderson, Lawrence M., assignor.)
- Atlantic Refining Company, The. (See Kurtz, Stewart S., Jr., assignor.)
- Atlantic Refining Company, The. (See Malisoff, William M., assignor.)
- Atlantic Refining Company, The. (See Malisoff, W. M., and Hess, assignors.)
- Atlantic Refining Company, The. (See Munton, J. D., and W. Reeves, assignors.)
- Atlantic Refining Company, The. (See Oberseider, J. L., and Robison, assignors.)
- Atlantic Refining Company, The. (See Peterkin, Albert G., Jr., assignor.)
- Atlantic Refining Company, The. (See Rose, Henry J., assignor.)
- Atlantic Refining Company, The. (See Weir, Horace M., assignor.)
- Atlantic Service Company. (See Laemmel, Charles A., assignor.)
- Atlantic Service Company. (See Schaefer, Adolph O., assignor.)
- Atlantic Steel Company. (See Lowndes, Richard H., assignor.)
- Atlas Ago Chemische Fabrik Aktiengesellschaft. (See Locker, Gustav, assignor.)
- Atlas Brewing Company. (See Forster, William F., assignor.)
- Atlas Floor Surfacing Machinery Corp. (See Okun, Nathaniel N., assignor.)
- Atlas Mineral Products Company, The. (See Gates, Edwin B., assignor.)
- Atlas Plywood Corporation. (See Muller, Robert A., assignor.)
- Atlas Powder Company. (See Brandt, Millard, assignor.)
- Atlas Powder Company. (See Brown, Kenneth R., assignor.)
- Atlas Powder Company. (See Huyett, Daniel D., assignor.)
- Atlas Powder Company. (See Power, James T., assignor.)
- Atlas Revolving Door Corporation. (See Szelle, Charles, assignor.)
- Atlas Track Corporation. (See Patarsini, Medio A., assignor.)
- Atlas Valve Company. (See Davis, Verner F., assignor.)
- Atlas Zylonite Corp. (See Fishman, Samuel, assignor.)
- Atmospheric Nitrogen Corporation. (See Brown, Ralph L., assignor.)
- Atmospheric Nitrogen Corporation. (See Crittenden, Eugene D., assignor.)
- Atmospheric Nitrogen Corporation. (See Datin, Richard C., assignor.)
- Atmospheric Nitrogen Corporation. (See De Rewal, Frank J., assignor.)
- Atmospheric Nitrogen Corporation. (See Hanson, Leonard C., assignor.)
- Atmospheric Nitrogen Corporation. (See Kniskern, Walter H., assignor.)
- Atmospheric Nitrogen Corporation. (See Kniskern, W. H., and Lawrence, assignors.)
- Atmospheric Nitrogen Corporation. (See Kniskern, W. H., and Rohner, assignors.)
- Atmospheric Nitrogen Corporation. (See Lawrence, C. K., and Beekhuis, assignors.)
- Atmospheric Nitrogen Corporation. (See Lawrence, C. K., and Harvey, assignors.)



- Atmospheric Nitrogen Corporation. (See O'Leary, John J., assignor.)
- Atmospheric Nitrogen Corporation. (See Porter, Frank, assignor.)
- Atmospheric Nitrogen Corporation. (See Rowland, Walter, assignor.)
- Atmospheric Nitrogen Corporation. (See Weston, Charles F., assignor.)
- Atteslander, Edouard, assignor to Sulzer Frères Societe Anonyme, Winterthur, Switzerland. Scavenging system. 2,054,963; Sept. 22.
- Atti, Raphael, Union City, N. J. Grinding machine. 2,030,850; Feb. 18.
- Atti, Raphael, Union City, N. J. Automobile direction indicator. 2,047,541; July 14.
- Atti, Raphael, Union City, N. J. Mold cutting machine. 2,058,395; Oct. 27.
- Attick, Purdy E., and J. J. Bosshard, Chicago, assignors to Brasco Manufacturing Company, Harvey, Ill. Store front construction. 2,027,081; Jan. 7.
- Atticks, Harry J., Mechanicsburg, Pa. Timing apparatus. 2,059,925; Nov. 3.
- Atwood, Norman H., R. F. Munch, W. O. Lickert, and T. A. Baughman, Omaha, Nebr. Splint. 2,060,001; Nov. 10.
- Atwood, Stanley H., New Malden, England. Filter for liquids. 2,032,828; Mar. 3.
- Atwood, Stanley H., Wolverhampton, assignor to Simms Motor Units Limited, London, England. Valve operating mechanism for internal combustion engines. 2,030,844; Feb. 18.
- Atwater Kent Manufacturing Company. (See MacLaren, George I., assignor.)
- Atwater Kent Manufacturing Company. (See McLaughlin, Kenneth M., assignor.)
- Atwater Kent Manufacturing Company. (See Tuska, Clarence D., assignor.)
- Atwater Kent Manufacturing Company. (See Woll, Charles F., assignor.)
- Atwell, Harold V. (See Sullivan, P. H., and Atwell.)
- Atwell, Harold V., White Plains, N. Y., assignor to The Gray Processes Corporation, Newark, N. J. Treatment of cracked hydrocarbon distillates. 2,042,448; June 2.
- Atwell, Harold V., White Plains, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Coking hydrocarbon liquids. 2,044,416; June 16.
- Atwell, Harold V., White Plains, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Treating hydrocarbon oil. 2,053,213; Sept. 1.
- Atwell, Harold V., White Plains, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Coking hydrocarbon liquids. 2,062,254; Nov. 24.
- Atwell, Harold V., White Plains, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Coking liquid hydrocarbons. 2,064,715; Dec. 15.
- Atwood, Edward P., assignor to Durkee-Atwood Company, Minneapolis, Minn. Floor covering. 2,057,873; Oct. 20.
- Atwood, Francis C., Newton, Mass. Producing mica products. 2,027,082; Jan. 7.
- Atwood, Harry N., South Lyndeboro, N. H. Cellular bottom construction for the boat bodies of hydroairplanes. 2,029,047; Jan. 28.
- Atwood, Harry N., South Lyndeboro, N. H. Tubular structural unit and making the same. 2,029,048; Jan. 28.
- Atwood, Harry N., South Lyndeboro, N. H. Built-up cellular structure and making the same. 2,029,049; Jan. 28.
- Atwood, Harry N., South Lyndeboro, N. H. Honeycomb construction for aircraft. 2,029,213; Jan. 28.
- Atwood, Harry N., South Lyndeboro, N. H. Honeycomb wing construction for airplanes. 2,029,214; Jan. 28.
- Atwood, Harry N., South Lyndeboro, N. H. Cellular construction for aircraft pontoons. 2,029,215; Jan. 28.
- Atwood, Lee M., Ridgefield, N. J. Engine piston. 2,038,404; Apr. 21.
- Atwood Machine Company, The. (See Rowe, Irving R., assignor.)
- Atwood, Rawson, assignor to Decorated Metal Manufacturing Company, Brooklyn, N. Y. Ribbon spool. 2,065,299; Dec. 22.
- Atwood Vacuum Machine Company, The. (See Johnson, George H., assignor.)
- Atwood Vacuum Machine Company, The. (See Lustig, Walter R., assignor.)
- Atwood, Winfield A., Lansdowne, Pa., assignor to General Electric Company. Circuit breaker. 2,047,815; July 14.
- Atwood, Winfield A., Yeadon, Pa., assignor to General Electric Company. Circuit breaker. 2,047,816; July 14.
- Atwood, Winfield A., Yeadon, Pa., assignor to General Electric Company. Circuit breaker. 2,053,934; Sept. 8.
- Aubert, Herménégilde, St. Adele, Quebec, Canada. Ski clamp. 2,042,086; May 26.
- Aubert, Pierre F. M., Paris, France, assignor to The Nitralloy Corporation. Steel die block. 2,033,915; Mar. 17.
- Aubert, Roger. (See Villem, R., and Aubert.)
- Aubert, Roger, assignor to Volets et Portes Equilibrés Société Anonyme, Brussels, Belgium. Grille or guard for bays of windows or doors. 2,032,461; Mar. 3.
- Aubert, Edouard, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Noise suppression system for telephone lines. 2,046,050; June 30.
- Aubrey, Richard, J. (See Eurich, R. H., and Aubrey assignors.)
- Auburn Foundry Inc. (See Fitch, Hurshel H., assignor.)
- Auburn Leather Goods Company, The. (See Mittelman, Reuben, assignor.)
- Audain, Raoul, assignor of one-fifth to W. B. Hampton, Washington, D. C. Electrical heater. 2,046,233; June 30.
- Auden, Harold A., Banstead, and H. P. Staudinger, Epsom, England, assignors to Ernst Berl, Pittsburgh, Pa. Cellulose ester composition. 2,040,971; May 19.
- Audette, Joseph, Burlington, Vt. Deposit eliminator. 2,040,069; May 12.
- Auditone Company. (See Kiel, John R., assignor.)
- Audubon Wire Cloth Corporation. (See Guba, Raymond J., assignor.)
- Auer, Francis A., Napa, Calif. Cleaning appliance. 2,033,670; Mar. 10.
- Auer, Gaylord R., Baltimore, Md. Lacrosse racket. 2,039,138; Apr. 28.
- Aufero, John M., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heater. 2,032,786; Mar. 3.
- Augenstein, Karl C., Cranston, assignor to Speidel Corporation, Providence, R. I. Bracelet structure. 2,055,328; Sept. 22.
- Aughtry, Robert C., Haskell, Tex. Adjustable fastener for wreath frames and easels. 2,035,288; Mar. 24.
- Augustus-Carpenter Company, The. (See Carpenter, Ernest S., assignor.)
- Aul, Rudolph J., Hammond, Ind. Bottle breaker. 2,047,932; July 21.
- Aull, Jerome J., assignor to The Lunkenheimer Company, Cincinnati, Ohio. Valve. 2,051,124; Aug. 18.
- Aulsbrook, Harry E., Detroit, Mich. Furniture. 2,064,968; Dec. 22.
- Ault & Wiborg, Corporation. (See Bragdon, Charles R., assignor.)
- Aumer, August, Buffalo, N. Y. Cable terminal. 2,040,817; May 19.
- Au-Miller, Cleve M., Mifflinburg, Pa. Uni-tension drum. 2,051,671; Aug. 18.
- Au-Miller, Cleve M., Mifflinburg, Pa. Unitensioned drum. 2,061,244; Nov. 17.
- Aust, Joseph B., assignor to The Carborundum Company, Niagara Falls, N. Y. Granular coated article and making the same. 2,050,992; Aug. 11.
- Auster, Louis and M., said Louis Auster assignor to said Marie Auster, New York, N. Y. Glove for personal wear. 2,056,555; Oct. 6.
- Auster, Marie. (See Auster, Louis and M.)
- Austermühle, Wilhelm, Bremen, assignor to Dortmund-Hoerder Hüttenverein Aktiengesellschaft, Dortmund, Germany. Pile. 2,063,142; Dec. 8.
- Austin, Arthur O., near Barborton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Insulation for electrical apparatus. 2,048,047; July 21.
- Austin, Arthur O., near Barborton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Clamp. 2,058,549; Oct. 27.
- Austin, Arthur O., near Barborton, Ohio. Compensated trunnion type clamp. 2,062,283; Dec. 1.
- Austin, Bascum O. (See Brooks, R. R., Willby, and Austin.)
- Austin, Bascum O., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric switch. 2,060,481; Nov. 10.
- Austin, Chester L. (See Austin, Harry C., assignor.)
- Austin, Clyde B., Los Angeles, Calif. Focusing and finding attachment for cameras. 2,040,422; May 12.
- Austin, Dwight E., assignor to General Motors Truck Corporation, Pontiac, Mich. Baggage door lock. 2,053,547; Sept. 8.
- Austin, Edward. (See Crosley, P., and Austin.)
- Austin, Ellsworth W., assignor to La Plant-Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Pump. 2,046,103; June 30.
- Austin, Ellsworth W., assignor to La Plant-Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Earth moving device. 2,051,283; Aug. 18.
- Austin, Frederick D., Port Chester, N. Y. Electric circuit control apparatus. 2,056,760; Oct. 6.
- Austin, Fuller A., Lincoln, Nebr. Sign. 2,045,378; June 23.
- Austin, Fuller A., Lincoln, Nebr. Sign and sign frame. 2,064,240; Dec. 15.
- Austin, Harry C., assignor to C. L. Austin, Kansas City, Mo. Exhaust silencer for internal combustion engines. 2,031,451; Feb. 18.
- Austin, Herbert, Bromsgrove, England. Change speed gear. 2,039,288; May 5.
- Austin, John B., Cleveland Heights, and G. E. Durham, Shaker Heights, assignors to Una Welding, Incorporated, East Cleveland, Ohio. Welding rod. 2,048,174; July 21.
- Austin, John H., assignor of fifty one-hundredths to F. J. Sulloway, Concord, N. H. Roll heater and steamer. 2,053,935; Sept. 8.
- Austin, John T., Hartford, Conn. Elevator. 2,052,690; Sept. 1.
- Austin, Miner M., Waukegan, assignor to Fansteel Metallurgical Corporation, Chicago, Ill. Alloys and making the same. 2,046,995; July 7.
- Austin, Oliver V., Hattiesburg, Miss. Fertilizer production from sewage. 2,029,648; Feb. 4.



- Austin, Osias, Brooklyn, N. Y. Apparatus for decorating objects. 2,030,042; Feb. 11.
- Austin, Paul R., and E. W. Bousquet, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorination of phthalide and further treatment of the chlorination product. 2,047,946; July 21.
- Austin, Reed S., assignor to C. M. Stroud, Minneapolis, Minn. Control mechanism. 2,045,821; June 30.
- Austin, Walter M., Pittsburgh, Pa. Friction shock absorbing mechanism. 2,027,623; Jan. 14.
- Austin, Walter M., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,027,219; Jan. 7.
- Austin, Walter S., Grand Rapids, Mich. Axle driving construction. 2,031,584; Feb. 25.
- Austin, William E., New York, N. Y., assignor to Bank of The Manhattan Company. Alkyl resorcinols. 2,030,423; Feb. 11.
- Austin, William E., New York, N. Y., assignor to Bank of The Manhattan Company. Alkyl chloro-resorcinols. 2,060,654; Nov. 10.
- Austin, William W., et al. (See Tiedemann, Clinton C., assignor.)
- Austin, Willis W., Yoder, Wyo. Agricultural implement. 2,046,234; June 30.
- Austro-Daimler-Puchwerke A. G. (See Hacker, Oskar, assignor.)
- Autem, Fred, assignor to Textile Machine Works, Wyomissing, Pa. Yarn tensioning device for knitting machines. 2,037,750; Apr. 21.
- Auten, Claude I., North Lima, assignor to Truscon Steel Company, Youngstown, Ohio. Window structure. 2,050,033; Aug. 4.
- Auth, Charles, New York, N. Y. Paging system. 2,032,037; Feb. 25.
- Auth, Charles, New York, N. Y. Electric signal receptacle and plug. 2,032,038; Feb. 25.
- Auth, Charles, New York, N. Y. Electrical connector. 2,052,272; Aug. 25.
- Authier, Louis J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Transfer mechanism. 2,055,023; Sept. 22.
- Auto Research Corporation. (See Bijur, Joseph, assignor.)
- Autocall Company, The. (See Smith, Boyd H., assignor.)
- Autocar Company, The. (See Bachman, Benjamin B., assignor.)
- Autogiro Company of America. (See De la Cierva, Juan, assignor.)
- Autogiro Company of America. (See Pecker, Joseph S., assignor.)
- Autographic Register Company. (See Borchers, William G., assignor.)
- Autographic Register Company. (See Brenn, Carl W., assignor.)
- Autographic Register Company. (See Rohn, John E., assignor.)
- Auto Headlight Signal Company. (See Moffat, Walter A., assignor.)
- Automatic Burner Corporation. (See Schroeder, O. C., and Perry, assignor.)
- Automatic Canning Devices, Inc. (See Gorsline, Samuel G., assignor.)
- Automatic Cone Valve Company, The. (See Goldberg, D. D., and Kligman, assignors.)
- Automatic Drive & Transmission Company. (See Lewis, Robert P., assignor.)
- Automatic Electric Company. (See Ostline, John E., assignor.)
- Automatic Electric Company Limited. (See Belas, F. T., and McClew, assignors.)
- Automatic Electric Heater Company. (See Clark, Gordon H., and W. F., assignors.)
- Automatic File & Index Company. (See Beeler, Donald A., assignor.)
- Automatic Fire Alarm System, Inc. (See Gilbane, Frank J., assignor.)
- Automatic Machine Manufacturing Company. (See Shearer, Harry T., assignor.)
- Automatic Motor Stop and Start, Inc. (See Good, John, assignor.)
- Automatic Musical Instrument Company, The. (See Olson, Phillip W., assignor.)
- Automatic Musical Instrument Company. (See Yeider, Harry A., assignor.)
- Automatic Products Corporation. (See Wetzel, Theodore A., assignor.)
- Automatic Reclosing Circuit Breaker Company, The. (See Raney, Estel C., assignor.)
- Automatic Refrigerator Corporation. (See Curless, James M., assignor.)
- Automatic Rotary Transmission Co. (See Cotanch, Earl E., assignor.)
- Automatic Shifters, Inc. (See Hill, E. G., and Hey, assignors.)
- Automatic Sprinkler Company of America. (See Lowe, Ernest A., assignor.)
- Automatic Sprinkler Company of America. (See Lowe, E. A., and Hamilton, assignors.)
- Automatic Temperature Control Co. (See Wilhjelm, Christian, assignor.)
- Automatic Transmission Company. (See Lyman, Kenneth E., assignor.)
- Automatic Transmission Engineering Company, The. (See Hittell, John L., assignor.)
- Automatic Unit Corporation. (See Elliott, Bernard S., assignor.)
- Automatic Voting Machine Corporation. (See Longoria, Antonio, assignor.)
- Automobile Ventilation, Inc. (See Ball, Albert P., assignor.)
- Automobile Ventilation, Inc. (See Crowell, William D., assignor.)
- Automobile Ventilation, Inc. (See Floraday, Burton S., assignor.)
- Automobile Ventilation, Inc. (See Housdorfer, George W., assignor.)
- Automobile Ventilation, Inc. (See Miller, Dorr, assignor.)
- Automobile Ventilation, Inc. (See Roethel, John H., assignor.)
- Auto-Mold, Inc. (See Burke, James P., assignor.)
- Automotion Pictures, Inc. (See Streycckmans, Hector J., assignor.)
- Automotive Devices Corporation. (See Farrell, Joseph E., assignor.)
- Automotive Engineering Company, Limited, The. (See Hewitt, Herbert S., assignor.)
- Automotive Maintenance Machinery Co. (See Wishart, William W., assignor.)
- Automotive Maintenance Machinery Co. (See Zimmerman, Herman W., assignor.)
- Automotive Products Company. (See Brown, Francis V., assignor.)
- Automotive Products Company Limited. (See Boughton, E. B., and Van Vestraut, assignors.)
- Automotive Products Company Limited. (See Clench, Edward C. S., assignor.)
- Automotive Products Company Limited. (See Kruse, Mads, assignor.)
- Automotive Products Company Limited, et al. (See Laguidara, Rocco, assignor.)
- Auto-Ordnance Corporation. (See Norman, George, assignor.)
- Autopoint Company. (See Dell, Frank C., assignor.)
- Autoposts Company Inc. (See Condon, Edward T., assignor.)
- Auto Radiator Manufacturing Co. (See Kirsch, Benjamin, assignor.)
- Auto Research Corporation. (See Bell, William D., assignor.)
- Auto Research Corporation. (See Bijur, Joseph, assignor.)
- Auto Research Corporation. (See Kocher, Edward H., assignor.)
- Auto Union A. G. (See Rasmussen, Jørgen S., assignor.)
- Auto Vehicle Parts Company. (See Rennekamp, Clarence J., assignor.)
- Auto-Wheel Coaster Company. (See Klatt, Rudolph A., assignor.)
- Autoyre Company, The. (See Lewis, Arthur J., assignor.)
- Autoyre Company, The. (See Mosgrove, Charles A., assignor.)
- Autumtints Brick Machinery Corporation. (See Bailey, H. H., and Gill, assignors.)
- Avallone, Anthony. (See Weiss, G., and Avallone.)
- Avedikian, Souren Z., New York, N. Y. Bleaching agent and making same. 2,049,888; Aug. 4.
- Avels, Albert E., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Doorlock. 2,030,677; Feb. 11.
- Averill, Georgene, New York, N. Y. Exercising apparatus. 2,048,587; July 21.
- Avery, Alfred H., Malden, Mass., assignor to North American Holding Corporation, Syracuse, N. Y. Calipering device. 2,055,274; Sept. 22.
- Avery, Alfred H., Malden, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation and one-half to Parshad Holding Corporation, Syracuse, N. Y. Marking machine. 2,065,497; Dec. 29.
- Avery, B. F., & Sons Company. (See Ray, Charles T., assignor.)
- Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,033,087; Mar. 3.
- Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,033,088; Mar. 3.
- Avery, Harold T., and G. Lerch, Oakland, Calif., assignors to Marchant Calculating Machine Company. Calculating machine. 2,044,978; June 23.
- Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,062,634; Dec. 1.
- Avery, Henry A., Groton, assignor to L. C. Smith & Corona Typewriters Inc., New York, N. Y. Typewriting machine. 2,027,508; Jan. 14.
- Avery, Henry A., Groton, assignor to L. C. Smith & Corona Typewriters Inc., Syracuse, N. Y. Typewriting machine. 2,027,509; Jan. 14.
- Avery, Hugh B. (See Clayton, R. H., Williams, and Avery.)
- Avery, Robert C., Sunnyside, Long Island, N. Y. Automatic control for radio receivers. 2,035,255; Mar. 24.
- Avery, W. & T., Limited. (See Timson, William, assignor.)
- Avery, William L., Thorley, Bishop's Stortford, England. Brake. 2,028,488; Jan. 21.



- Avery, William L., Thorley, Bishop's Stortford, England. Vehicle wheel. 2,040,589; May 12.
- Avery, William L., Thorley, Bishop's Stortford, England. Regulator for fluid pressure systems. 2,040,590; May 12.
- Aviation Manufacturing Corporation. (See Hackethal, Paul R., assignor.)
- Avidano, Lucia, et al. (See Dolan, J., and Granata, assignors.)
- Avite Products, Inc. (See Trafton, Ernest E., assignor.)
- Avnsoe, Thorkild, Bellerose, and E. Posselt, Pelham, assignors to International Cement Corporation, New York, N. Y. Baffled rotary kiln. 2,042,494; June 2.
- Awbrey, Samuel C., Kansas City, Mo. Dividing strip. 2,051,979; Aug. 25.
- Awbrey, Samuel C., Kansas City, Mo. Cove base dividing strip. 2,054,153; Sept. 15.
- Awbrey, Samuel C., Kansas City, Mo. Dividing strip anchor. 2,063,654; Dec. 8.
- Awbrey, Samuel C., assignor to Floor Accessories Company, Inc., Kansas City, Mo. Binding and dividing bar. 2,060,274; Nov. 10.
- Axe, Roy T., Syracuse, N. Y. Window post and guide construction. 2,057,129; Oct. 13.
- Axelos, Jeanne G., Paris, and A. Claude, Nanterre, France, assignors to Société Anonyme pour les Applications de l'Electricité et des Gas Rares Etablissements Claude-Paz & Silva. Ultraviolet radiation apparatus. 2,049,099; July 28.
- Axelton, Clarence M. (See Biggs, W. J., and Axelton.)
- Axien, Leo, Altona-Elbe, Germany. Shaving implement. 2,053,258; Sept. 8.
- Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Fruit and vegetable washer. 2,039,276; May 5.
- Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Can filling machine. 2,061,644; Nov. 24.
- Ayars Machine Company. (See Ayars, Charles H., assignor.)
- Ayer, Albert C., et al. (See Stirrup, Frank A., assignor.)
- Ayer, Robert E., Los Angeles, assignor to Tri-Pak Gun Kit, Inc., San Francisco, Calif. Firearm kit. 2,058,756; Oct. 27.
- Ayers, Fred L., Watertown, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Shoemaking. 2,048,048; July 21.
- Ayers, Fred L., Watertown, Mass. Shoe and making the same. 2,065,786; Dec. 29.
- Ayers, George W., Jr. (See Hyman, J., and Ayers.)
- Ayers, George W., Jr., Chicago, Ill., assignor, by mesne assignments, to Gasoline Antioxidant Company, Wilmington, Del. Treating hydrocarbon motor fuels and products resulting therefrom. 2,039,576; May 5.
- Ayers, Samuel H., and C. W. Lang, Brooklyn, assignors, by mesne assignments, to The Crown Cork and Seal Company, New York, N. Y. Treating milk products and resulting products. 2,054,065; Sept. 15.
- Ayers, Samuel H., and C. W. Lang, Brooklyn, assignors, by mesne assignments, to The Crown Cork and Seal Company, New York, N. Y. Treating food products and resulting product. 2,054,066; Sept. 15.
- Ayre, Walter H., and G. Edley, Sheffield, England. Towel or cloth holder. 2,051,068; Aug. 18.
- Ayres, Arthur U., Chestnut Hill, assignor to The Sharples Specialty Company, Philadelphia, Pa. Waste renovation and oil reclamation system and process. 2,050,080; Aug. 4.
- Ayres, Eugene, Swarthmore, Pa., assignor, by mesne assignments, to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of stabilized motor fuels. 2,048,770; July 28.
- Ayres, Eugene, Swarthmore, and M. L. Hill, Yeadon, assignors to Gulf Refining Company, Pittsburgh, Pa. Stabilizing gum forming petroleum product. 2,027,462; Jan. 14.
- Ayres, Eugene E., Pittsburgh, Pa., assignor to Gulf Research & Development Corporation, Wilmington, Del. Reducing water flow in oil wells. 2,029,649; Feb. 4.
- Ayres, Pennie R., Roanoke, Va. Clock. 2,062,491; Dec. 1.
- Ayres, Waldemar, and G. N. Fryer, Binghamton, assignors to International Business Machines Corp., New York, N. Y. Sorting machine. 2,056,382; Oct. 6.
- Azodal Company, Inc. (See Maximoff, Alexander T., assignor.)
- Azzara, Eugenio A., San Francisco, Calif. Surf fishing device. 2,031,811; Feb. 25.
- Azzarello, August E. (See Biazzi, Salvatore, assignor.)
- B. & G. Coin Selectors, Incorporated. (See Gottfried, John, assignor.)
- B. G. Corporation. (See McAllister, John E., assignor.)
- B. G. Corporation, The. (See Paulson, George M., assignor.)
- B & K Machinery Corporation. (See Kucklinsky, Frederick W., assignor.)
- B & K Machinery Corporation. (See Stagmeier, Arthur F., assignor.)
- B. S. A. Tools Limited. (See Ogilvie, William, assignor.)
- B-W Footwear Co. Inc. (See Finberg, D. H., and Gagnon, assignors.)
- Baade, William G., Woodland, assignor of one-third to C. C. McDonald and one-third to J. A. Murray, Woodland, Calif. Direction signal for vehicles. 2,030,043; Feb. 11.
- Baas, Edmund J., Rochester, N. Y. Card or price ticket holder. 2,042,760; June 2.
- Baash, Lawrence F., et al. (See Black, Millard S., assignor.)
- Baash, Lawrence F., Los Angeles, Calif. Slip. 2,063,361; Dec. 8.
- Baash, Lawrence P. (See Burns, E., and Wickersham, assignors.)
- Babb, James M. (See Rice, H. D., Jr., and Babb.)
- Babbs, Alfred J., Longsight, Manchester, England. Floor cleaning appliance. 2,043,878; June 9.
- Babcock, Dale F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separation of dimethyl and trimethylamines by distillation. 2,049,486; Aug. 4.
- Babcock, Garrison, Chicago, Ill., assignor to A. H. B. Jordan, Everett, Wash. Telephone adapter. 2,048,482; July 21.
- Babcock, George S., and N. F. Beach, assignors to Eastman Kodak Company, Rochester, N. Y. Wrapping material. 2,036,387; Apr. 7.
- Babcock, Guilford C., Jr., Summit, N. J., assignor to Stapling Machines Co. Stapling box parts. 2,046,359; July 7.
- Babcock, Guilford C., Morris Township, Morris County, N. J., assignor to Stapling Machines Co. Barrel. 2,048,667; July 28.
- Babcock, Henry H., Oak Park, Ill., assignor to The Bishop & Babcock Manufacturing Company, Cleveland, Ohio. Corrugating metal tubing. 2,048,588; July 21.
- Babcock, Oliver M., Evanston, Ill. Shipping container. 2,027,804; Jan. 14.
- Babcock, Thurman E., Lansing, Mich. Polishing device. 2,045,511; June 23.
- Babcock & Wilcox Company, The. (See Bailey, Ervin G., assignor.)
- Babcock & Wilcox Company, The. (See Black, J. E., and Smith, assignors.)
- Babcock & Wilcox Company, The. (See Collins, Harry R., assignor.)
- Babcock & Wilcox Company, The. (See Fletcher, James, assignor.)
- Babcock & Wilcox Company, The. (See Hardgrove, Ralph M., assignor.)
- Babcock & Wilcox Company, The. (See Harter, Isaac, assignor.)
- Babcock & Wilcox Company, The. (See Jacobus, David S., assignor.)
- Babcock & Wilcox Company, The. (See Jacobus, D. S., and Jones, assignors.)
- Babcock & Wilcox Company, The. (See Kerr, Howard J., assignor.)
- Babcock & Wilcox Company, The. (See Kerr, H. J., and Savoye, assignors.)
- Babcock & Wilcox Company, The. (See Kohler, Anthony M., assignor.)
- Babcock & Wilcox Company. (See Lucke, Charles E., assignor.)
- Babcock & Wilcox Company, The. (See Napier, Kenneth, assignor.)
- Babcock & Wilcox Company, The. (See Norton, Charles L., assignor.)
- Babcock & Wilcox Company, The. (See Norton, Charles L., Jr., assignor.)
- Babcock & Wilcox Company, The. (See Richardson, R., and Bateman, assignors.)
- Babcock & Wilcox Company, The. (See Rummel, John K., assignor.)
- Babcock & Wilcox Company, The. (See Shellenberger, Rolf, assignor.)
- Babcock & Wilcox Company, The. (See Smith, Herman B., assignor.)
- Babcock & Wilcox Company, The. (See Stillman, Thomas B., assignor.)
- Babcock & Wilcox Company, The. (See Trainer, James E., assignor.)
- Babcock & Wilcox Company, The. (See Wagner, Charles L., assignor.)
- Babcock & Wilcox Company, The. (See Webster, H., and Heller, assignors.)
- Babcock & Wilcox Tube Company, The. (See Havey, Joseph P., assignor.)
- Babcock, William S. (See Stayman, Robert G., assignor.)
- Babel, Raymond A., Clichy, France. Internal combustion engine with reciprocating blades. 2,053,017; Sept. 1.
- Babel, Raymond A., Clichy, France, assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,048,420; July 21.
- Babinet, Marie L. A., Boulogne-sur-Seine, France, assignor to The Nitralloy Corporation. Hardening iron and steel alloys and article produced thereby. 2,057,813; Oct. 20.
- Babitch, Abraham M., and G. W. Harry, Flint, assignors to General Motors Corporation, Detroit, Mich. Fuel pump. 2,036,452; Apr. 7.
- Babler, Justus, Berlin-Frohnau, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie mit beschränkter Haftung, Berlin, Germany. Circuit arrangement for indirectly heated vacuum tubes. 2,039,139; Apr. 28.
- Babson, Roger W., Wellesley, Mass. Parking register. 2,028,037; Jan. 14.
- Bach, Adolph D., Newton, Mass. Bending shoe shanks. 2,027,716; Jan. 14.
- Bach, Irving, and L. M. Lipowsky, Brooklyn, N. Y. Container for bakery products. 2,042,288; May 26.
- Bach, Louis, Limbach, Germany. Feeding mechanism for sewing machines. 2,033,671; Mar. 10.



- Bach, Neils P., Geneva, assignor to American Can Company, New York, N. Y. Can feeding mechanism. 2,026,811; Jan. 7.
- Bacharach Industrial Instrument Company. (See Semrau, Hugo, assignor.)
- Bacharach Industrial Instrument Company. (See Vayda, Louis L., assignor.)
- Bacheller, Charles A., Newark, N. J. Comb loom. 2,065,498; Dec. 29.
- Bacher, Charles, New York, N. Y. Liquid waxing device. 2,043,145; June 2.
- Bachetti-Righetti, Giorgio, Rome, Italy. Silencer for internal combustion engines. 2,063,270; Dec. 8.
- Bachle, Carl F., assignor to Continental Motors Corporation, Detroit, Mich. Apparatus for feeding a combustible fluid to internal combustion engines. 2,032,902; Mar. 3.
- Bachman, Benjamin B., Philadelphia, assignor to The Autocar Company, Ardmore, Pa. Power transmitting device. 2,051,980; Aug. 25.
- Bachman, Benjamin B., Philadelphia, assignor to The Autocar Company, Ardmore, Pa. Motor vehicle. 2,064,100; Dec. 15.
- Bachman Fred E. (See Bender, F. H., and Bachman.)
- Bachman, Fred E. (See Oelkers, A. H., and Bachman.)
- Bachman, Fred E., assignor to American Steel Foundries, Chicago, Ill. Wheel and axle assembly. 2,043,421; June 9.
- Bachman, Fred E., assignor to American Steel Foundries, Chicago, Ill. Truck frame mounting. 2,047,248; July 14.
- Bachman, Fred E., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,051,630; Aug. 18.
- Bachman, Fred E., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,051,631; Aug. 18.
- Bachmann, Michael G., Ashland, Ohio, assignor to The Duplex Printing Press Company, Battle Creek, Mich. Cheekpiece for cutting cylinder knives. 2,038,336; Apr. 21.
- Bachrach, Incorporated. (See Bachrach, Louis F., assignor.)
- Bachrach, Louis F., assignor to Bachrach, Incorporated, Newton, Mass. Mounting device. 2,056,338; Oct. 6.
- Bacigalupi, Edgar J., Red Bank, N. J. Sand trap rake. 2,030,424; Feb. 11.
- Bacigalupi, Joseph M., Oakland, assignor to E. J. Sweetland, Piedmont, Calif. Extensible coupling. 2,031,754; Feb. 25.
- Bacigalupo, Joseph, San Francisco, Calif. Building construction. 2,055,000; Sept. 22.
- Back, Alfred, Reichenberg, Czechoslovakia, and J. Krautschneider, Hudson Bay Junction, Saskatchewan, Canada. Continuously variable change-speed gear. 2,026,928; Jan. 7.
- Back, Leonard, assignor to Iver Johnson's Arms & Cycle Works, Fitchburg, Mass. Exercising device for use in connection with bicycles. 2,043,977; June 16.
- Back, William E., Oulton Broad, England. Toy aeroplane. 2,030,347; Feb. 11.
- Backe, John C., Howell, Mich. Heater and ventilator for motor vehicles. 2,026,929; Jan. 7.
- Backer, Chester F., et al. (See Backer, F. E., and Moles, assignors.)
- Backer, Christian B., Ottawa, Ontario, Canada. Electric hot plate and making same. 2,042,203; May 26.
- Backer, Franklin E., and J. Moles, Fort Lee, N. J., assignors to Ralph P. Rockwood, and Chester F. Backer. Counterfeit paper money detector. 2,059,197; Nov. 3.
- Backer, Franklyn E., New York, N. Y., assignor, by mesne assignments, to Western Electric Company, Incorporated. Admission counter. 2,037,190; Apr. 14.
- Backer, Franklyn E., Palisade, N. J., assignor, by mesne assignments, to Western Electric Company, Incorporated. Registering device. 2,037,191; Apr. 14.
- Backer, William, Schenectady, N. Y. Manufacture of coat hangers. 2,041,805; May 26.
- Backes, Peter G., Rochester, Minn. Fire alarm switch. 2,036,388; Apr. 7.
- Backhus, Herman T., Glen Gardner, N. J. Building construction. 2,040,725; May 12.
- Backstay Welt Company. (See Bishop, Walter, assignor.)
- Backstay Welt Company. (See Hill, Clarence B., assignor.)
- Backstay Welt Co. (See MacLeod, William J., assignor.)
- Bäckström, Sigurd M., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,027,761; Jan. 14.
- Bäckström, Sigurd M., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration system for motor vehicles. 2,041,585; May 19.
- Bäckström, Sigurd M., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,059,841; Nov. 3.
- Backus, Rodman T., and F. L. Pollard, Fort Pierce, Fla. Boat propeller bearing. 2,054,475; Sept. 15.
- Backus, William T., Philadelphia, Pa. Land vehicle equipment. 2,036,560; Apr. 7.
- Bacon, Charls B., Bridgeport, Conn. Culinary implement. 2,040,458; May 12.
- Bacon, Elbridge F., Flint, assignor to General Motors Corporation, Detroit, Mich. Vibration dampener for ameters. 2,047,763; July 14.
- Bacon, George R., Towanda, Pa. Removable ring for mold wheels. 2,052,378; Aug. 25.
- Bacon, Henry M., Warren, Ohio. Loom picker. 2,032,734; Mar. 3.
- Bacon, Leonard B., Stratford, Victoria, Australia. Liquid level indicator. 2,054,212; Sept. 15.
- Bacon, Morrison C., Garrettsville, Ohio. Tread stock for inner tubes. 2,043,315; June 9.
- Bacon, Nicholas, Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reduction of viscosity of cellulose nitrate. 2,039,381; May 5.
- Bacon, Raymond F., Bronxville, N. Y. Smelting sulphide ores. 2,042,576; June 2.
- Bacon, Raymond F., Bronxville, N. Y., and W. Judson, Newgulf, Tex. Recovery of sulphur. 2,040,682; May 12.
- Bacon, Thomas S., Dallas, Tex. Producing inert gas. 2,051,125; Aug. 18.
- Bacon, Willard M., Jr., Tampa, Fla., assignor to J. H. Ellis, Hillsborough County, and E. J. O'Hare, Dade County, Fla. Starting box for racing animals. 2,043,918; June 9.
- Bacon, William I. (See Hazelton, G., James, and Bacon.)
- Bacqueyrisse, Louis, Paris, France. Electric traction system with compound motors and electric braking. 2,050,252; Aug. 11.
- Badberg, William F., Nebraska City, Nebr. Cream filter and cooler. 2,050,148; Aug. 4.
- Baddock, Thomas F., Lenox, Mass. Resilient tire. 2,055,461; Sept. 29.
- Baddorf, William A., and R. E. Deimler, Harrisburg, Pa. Oil tank inspection device. 2,028,430; Jan. 21.
- Baddou, Joseph S., Los Angeles, Calif. Electrical face treating mask. 2,028,889; Jan. 28.
- Bade, Ervin O. (See Miller, A. D., and Bade.)
- Baden, David, Hazleton, Pa. Tobacco can. 2,046,235; June 30.
- Badenhausen, John P., Philadelphia, assignor of one-half to Day and Zimmermann, Incorporated, Philadelphia, Pa. Steam generator. 2,029,010; Jan. 28.
- Baden-Powell, Baden F. S., Riverhead, Sevenoaks, England. Centrifugal gun. 2,043,117; June 2.
- Bader, Marcel-J.-G., Strasbourg, Bas-Rhin, France. Compositions useful for the production of azo dyestuffs and their application. 2,042,696; June 2.
- Badertscher, Darwin E. (See Reiff, O. M., and Badertscher.)
- Badger, Alfred E., Urbana, Ill., assignor to Corning Glass Works, Corning, N. Y. Making glass. 2,038,627; Apr. 28.
- Badger Carton Company. (See Groth, Alfred, assignor.)
- Badger Carton Company. (See Horwath, Julius, assignor.)
- Badger Carton Company. (See Pergande, George, assignor.)
- Badger, Charles. (See Cook, C. C., and Badger.)
- Badger, Charles, and C. C. Cook, Columbus, Ohio, assignors to Owens-Illinois Glass Company. Parison transfer mechanism. 2,038,518; Apr. 28.
- Badger Meter Manufacturing Company. (See Smith, R. Stanley, assignor.)
- Badollet, Marion S. (See Cummins, A. B., Badollet, and Miller.)
- Badollet, Marion S., Fanwood, N. J., assignor to John-Manville Corporation, New York, N. Y. Coated Diatomaceous earth product and making the same. 2,040,818; May 19.
- Badovici, Jean, Paris, France. Lifeboat launching device. 2,057,995; Oct. 20.
- Baeche, James E., River Forrest, Ill., assignor to American Can Company, New York, N. Y. Container. 2,056,947; Oct. 13.
- Baeche, Stanley N. (See Wentworth, T. O., and Baeche.)
- Baehr, Hans, Leuna, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Removal of weak acids and ammonia from gases. 2,045,747; June 30.
- Baehr, Hans, and H. Mengdehl, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Separation of carbon dioxide from gaseous mixtures free from sulphur compounds. 2,053,650; Sept. 8.
- Baehr, Henry, Wisner, Nebr. Dough machine attachment. 2,039,277; May 5.
- Baender, Frederick G., Corvallis, Oreg. Reclaiming used lubricating oil. 2,043,691; June 9.
- Baenninger, Hermann, Glasgow, Scotland, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Centrifugal fan. 2,048,049; July 21.
- Baensch, Walter, Muhlheim-on-the-Ruhr, and W. Klaphake, Berlin, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Apparatus for manufacturing metal catalysts. 2,048,668; July 28.
- Baer, Alvin H., Carbondale, Pa., assignor, by mesne assignments, to Worthington Pump and Machinery Corporation, Harrison, N. J. Drop tube and support fixture. 2,033,907; Mar. 17.
- Baer, Edward G., and A. B. Fisher, Orrville, Ohio. Variable speed gearing. 2,042,577; June 2.
- Baer, Jean, Uster, Switzerland. Manufacture of an elastic caoutchouc-like body. 2,039,206; Apr. 28.
- Baer, John M., assignor to The Guardite Corporation, Chicago, Ill. Container. 2,027,083; Jan. 7.
- Baer, John W. (See Reinhardt, Otto K., and Baer.)
- Baer, John W., Woodside, and O. K. Reinhardt, Jamaica, N. Y., assignors to Bond Electric Corporation, Jersey City, N. J. Electric hand lantern. 2,062,113; Nov. 24.



- Baer, Lawrence E., Attleboro, Mass., assignor to The Baer & Wilde Company. Collar holder. 2,037,449; Apr. 14.
- Baer, Lucien G., assignor to West Coast-Manchester Mills, Inc., Los Angeles, Calif. Athletic garment. 2,050,410; Aug. 11.
- Baer & Wilde Company, The. (See Baer, Lawrence E., assignor.)
- Baethge, Alvin L., Kerrville, Tex. Vehicle lift. 2,047,934; July 21.
- Bager, Ernest, assignor to J. Milhening, Inc., Chicago, Ill. Jewelry ring and producing same. 2,050,253; Aug. 11.
- Bagby, Ralph B., Evanston, Ill. Filling machine. 2,032,163; Feb. 25.
- Bagley, Glen D., Great Neck, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Testing apparatus. 2,061,692; Nov. 24.
- Bagley, James W., Fayetteville, Tenn. Plotting machine and making maps with aerial photographs. 2,044,114; June 16.
- Bagley, James W., Fayetteville, Tenn. Aerial photograph calculator. 2,053,019; Sept. 1.
- Bagley, Robert M., Haddonfield, assignor to R. M. Hollingshead Corporation, Camden, N. J. Liquid sprayer. 2,045,893; June 30.
- Bagley, Walter W., Nicholls, Ga. Turpentine cup. 2,049,682; Aug. 4.
- Bagnall, Edwin. (See Baker, Frank U., assignor.)
- Bagnall, Vernon B., East Orange, N. J. Rotary tooth brush. 2,044,344; June 16.
- Bagnulo, Albert, Courbevoie, France. Internal combustion engine fed with heavy fuels. 2,065,419; Dec. 22.
- Bagpak, Inc. (See Andreas, Arno, assignor.)
- Bagpak, Inc. (See Baker, Webster N., assignor.)
- Bagpak, Inc. (See Baker, W. N., and Cundall, assignors.)
- Bagpak, Inc. (See Baker, W. N., Hurrey, and Cundall, assignors.)
- Bagpak, Inc. (See Briggs, Howland F., assignor.)
- Bagpak, Inc. (See Cundall, Robert N. and L. A.)
- Bagpak, Inc. (See Nicolas, Marcel A., assignor.)
- Bagshaw, Charles M., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Method and machine for sewing Sahara sandals. 2,040,459; May 12.
- Bagshaw, W. H., Co. (See Parker, Edward H., assignor.)
- Bahan, William H., Greenville, S. C. Hopper holding means for battery looms. 2,033,971; Mar. 17.
- Bahan, William H., Greenville, S. C. Box front for looms. 2,051,020; Aug. 18.
- Bahlke, Alfred F., Bloomfield, and R. Grodzki, Newark, N. J., assignors to Westinghouse Lamp Company. Bulb coating machine. 2,046,360; July 7.
- Bahlke, William H., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Conversion of acid sludge into sulphur dioxide, hydrocarbons, and coke. 2,043,646; June 9.
- Bahlke, William H., Hammond, and W. G. Whitman, assignors to Standard Oil Company, Whiting, Ind. Distillation of hydrocarbon oils for the production of lower boiling hydrocarbon oils. 2,037,674; Apr. 14.
- Bahls, Walter E., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Grid glow tube. 2,033,089; Mar. 3.
- Bahlsten's H. Keksfabrik A. G. (See Thieme, Anna D., assignor.)
- Bahney, Luther W., Elizabeth, N. J., assignor, by mesne assignments, to Scovill Manufacturing Company, Waterbury, Conn. Refining metals. 2,060,137; Nov. 10.
- Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Brake lever extension. 2,043,206; June 2.
- Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Splash guard for vehicle-wheels. 2,059,165; Oct. 27.
- Bahr-Manning Corporation, (See Schacht, Elmer C., assignor.)
- Baja, Charles. (See Jeffrey, Sidney, assignor.)
- Baier, Georg, Altenberg, near Nuremberg, Germany. Operating mechanism for typewriters. 2,037,690; Apr. 21.
- Baier, Willard E., Ontario, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Food product and producing the same. 2,055,782; Sept. 29.
- Baier, Willard E., Ontario, Calif., assignor to California Fruit Growers Exchange, Los Angeles, Calif. Product for and method of jelly preparation. 2,063,143; Dec. 8.
- Bailey, Albert R., San Bernardino, Calif. Lubricator. 2,039,511; May 5.
- Bailey, Alonzo W., Cleveland Heights, Ohio. Building construction. 2,052,739; Sept. 1.
- Bailey, Angie. (See Harrison, Clarence A., assignor.)
- Bailey, Arthur D., Tacoma, Wash. Fireman's extension ladder for roofs. 2,052,439; Aug. 25.
- Bailey, Austin, Freehold, N. J., assignor to American Telephone and Telegraph Company. Picture transmitting system. 2,047,817; July 14.
- Bailey, Austin, Maplewood, N. J., and H. M. Thomson, New York, N. Y., assignors to American Telephone and Telegraph Company. Statistical tabulating and printing telegraph system. 2,034,791; Mar. 24.
- Bailey, Benjamin, assignor to Alsatian Machine Works, Limited, Boston, Mass. Comber. 2,063,018; Dec. 8.
- Bailey, Bruce L. (See Ridgway, R. R., and Bailey.)
- Bailey, Charles W., assignor to Stewart Bros., Lynn, Mass. Counter molding machine. 2,048,589; July 21.
- Bailey, Charles W., assignor, by mesne assignments, to Blue Rock Chemical Corporation of Virginia, Dayton, Ohio. Gasket paste. 2,054,801; Sept. 22.
- Bailey, Christopher E. G., London, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Wireless receiver. 2,038,918; Apr. 28.
- Bailey, David C., Amesbury, Mass. Window glass guide. 2,055,833; Sept. 29.
- Bailey, David C., Amesbury, Mass. Lining for window channels. 2,058,942; Oct. 27.
- Bailey, David C., Amesbury, Mass. Window glass channel lining. 2,058,943; Oct. 27.
- Bailey, David C., Amesbury, Mass. Window glass guide. 2,060,656; Nov. 10.
- Bailey, Dwight P., Bayonne, R. Beattie, Plainfield, and W. S. Tyler, Jr., Elizabeth, N. J., assignor, by mesne assignments, of three-fourths to Tide Water Oil Company, New York, N. Y. Dewaxing mineral oil. 2,058,944; Oct. 27.
- Bailey, Edgar L., Birmingham, assignor to Chrysler Corporation, Detroit, Mich. Induction heating apparatus. 2,052,010; Aug. 25.
- Bailey, Edwin M., et al. (See Chandler, Daniel L., assignor.)
- Bailey, Ervin G., Easton, Pa., P. R. Cassidy, Short Hills, and R. M. Hardgrove, Westfield, N. J., assignors to Fuller Lehigh Company, New York, N. Y. Pulverizing mill. 2,042,204; May 26.
- Bailey, Ervin G., Easton, Pa., assignor, by mesne assignments, to The Babcock & Wilcox Company, Newark, N. J. Burning fuel. 2,058,051; Oct. 20.
- Bailey, Ervin G., Easton, Pa., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Apparatus for burning pulverized fuel and gas. 2,064,366; Dec. 15.
- Bailey, George W., Cortland, N. Y. Eyeglasses. 2,057,287; Oct. 13.
- Bailey, George W., Cortland, N. Y. Eyeglasses. 2,057,288; Oct. 13.
- Bailey, Herbert H., Kelsall, and J. F. Gill, Liverpool, England, assignors to Autumtints Brick Machinery Corporation, New York, N. Y. Apparatus for treatment of soft brick-like goods before baking. 2,035,040; Mar. 24.
- Bailey, James. (See Sharp, D. E., and Bailey.)
- Bailey, James, Hamburg, N. Y., assignor to Hartford-Empire Company, Hartford, Conn. Preventing issuance of refractory-contaminated glass from feeder outlets. 2,050,205; Aug. 4.
- Bailey, James R., Austin, Tex., assignor to Union Oil Company of California, Los Angeles, Calif. Separation and purification of nitrogen bases. 2,035,583; Mar. 31.
- Bailey, James R., Austin, Tex., assignor to Union Oil Company of California, Los Angeles, Calif. Separating nitrogen bases. 2,035,584; Mar. 31.
- Bailey, Joshua, West Bromwich, England. Printing type. 2,035,214; Mar. 24.
- Bailey, Joshua, West Bromwich, England. Type rack. 2,044,144; June 16.
- Bailey Meter Company. (See Barnes, Frederick A., assignor.)
- Bailey Meter Company. (See Barrett, Joseph M., assignor.)
- Bailey Meter Company. (See Dueringer, Walter E., assignor.)
- Bailey Meter Company. (See Hammond, Harold M., assignor.)
- Bailey Meter Company. (See Johnson, Clarence, assignor.)
- Bailey Meter Company. (See Lucke, Charles E., assignor.)
- Bailey, Miles E. (See Pence, J. H., and Bailey.)
- Bailey & Sharp Co. Inc. (See Sharp, Donald E., assignor.)
- Bailey, Theodore, Miami Beach, Fla. Dispensing container. 2,062,082; Nov. 24.
- Bailey, Theodorus S. (See Bohall, N. E., and Bailey.)
- Bailey, Thomas W., Royal, Iowa. Door. 2,042,246; May 26.
- Bailey, Walter T. (See Federwitz, T. A., and Bailey.)
- Bailey, Walter T. (See Rider, E. G., and Bailey, assignors.)
- Bailleul, Gustav. (See Jaenicke, M., and Bailleul.)
- Bail, Robert W. (See Gage, Robert B., assignor.)
- Bain, Edgar C., and R. H. Aborn, Short Hills, N. J., assignors to United States Steel Corporation, New York, N. Y. Treating austenitic steel. 2,044,743; June 16.
- Bain, William H., Portsmouth, Ohio. Insole and making shoes therewith. 2,033,972; Mar. 17.
- Bair, John T., et al. (See Berstler, Carl E., assignor.)
- Baird, Cassius M. C., Chicago, Ill. Hose construction. 2,035,736; Mar. 31.
- Baird, Dudley, Berkeley, Calif., assignor to Nichols Copper Company, New York, N. Y. Furnace construction. 2,030,734; Feb. 11.
- Baird, Edward F., Glendale, Calif. Knee-action hoist attachment. 2,045,173; June 23.
- Baird, Foster E. (See Kendall, Kenneth W., assignor.)
- Baird, Hollis S., assignor to Shortwave & Television Corporation, Boston, Mass. Television. 2,050,149; Aug. 4.
- Baird, John L., London, England. Cinematographic rectifying system. 2,032,164; Feb. 25.
- Baird, John L., London, England. Television and like apparatus. 2,056,761; Oct. 6.
- Baird, John W., Glen Ellyn, Ill. Brake adjustment indicating means. 2,032,392; Mar. 3.



- Baird Machine Company, The. (See Lewis, Arthur J., assignor.)
- Baird, Ralph M., Sunbury-on-Thames, England. Polish-ing device. 2,034,455; Mar. 17.
- Baird, Ronald J., Milwaukee, Wis. Manufacture of mer-cury sulphate. 2,027,364; Jan. 14.
- Baird, William, Manchester, England, assignor to Imperial Chemical Industries Ltd. Emulsions of resins of the polyhydric alcohol polybasic acid type and the applica-tion thereof. 2,035,520; Mar. 31.
- Baird, William, and R. Hill, Manchester, England, assignor to Imperial Chemical Industries Limited. Synthetic resinous product. 2,059,842; Nov. 3.
- Baird, William F., Lexington, Mass. Controlling low temperature refrigerants. 2,043,570; June 9.
- Bairs, Stuart G., Grosse Pointe Park, assignor to Hudson Motor Car Company, Detroit, Mich. Clutch controlling mechanism. 2,058,550; Oct. 27.
- Baj, Alessandro, Milan, Italy. Cooling the valves in in-ternal combustion engines. 2,063,779; Dec. 8.
- Bake, Louis S. (See Calcott, W. S., and Bake.)
- Bake, Louis S. (See Downing, F. B., Bake, and Parmelee.)
- Bake, Louis S. (See Tisdale, W. H., and Bake.)
- Bake, Louis S., Pennsgrove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Forma-tion of leuco compounds. 2,027,144; Jan. 7.
- Bake, Louis S., Pennsgrove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pre-paring tetra alkyl lead. 2,029,301; Feb. 4.
- Bake, Louis S., Pennsgrove, and A. E. Parmelee, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Recovery of alkyl lead com-pounds from their reaction masses. 2,038,703; Apr. 28.
- Bake, Louis S., Pennsgrove, and A. E. Parmelee, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Recovery of alkyl lead compounds. 2,038,704; Apr. 28.
- Bakelaar, John H. (See Carroll, F. M., and Bakelaar.)
- Bakelite Building Products Co. Inc. (See Harshberger, Norman P., assignor.)
- Bakelite Building Products Co. Inc. (See Harshberger, N. P., and Ochs, assignors.)
- Bakelite Corporation. (See Bender, Howard L., assignor.)
- Bakelite Corporation. (See Byck, Lawrence C., assignor.)
- Bakelite Corporation. (See Hoffman, Harry A., assignor.)
- Bakelite Corporation. (See Johnston, Robert T., assignor.)
- Bakelite Corporation. (See Rossi, L. M., and Peakes, as-signors.)
- Bakelite Corporation. (See Süssenguth, Otto, assignor.)
- Bakelite Corporation. (See Swan, H., and Higgins.)
- Bakelite Gesellschaft mit beschränkter Haftung. (See Seebach, Fritz, assignor.)
- Bakelite Limited. (See Chubb, Stanley E., assignor.)
- Bakelite Limited. (See Lloyd, Arthur, assignor.)
- Bakelite Limited. (See Pattman, William E., assignor.)
- Baker, Andrew D., assignor to Boeing Airplane Company, Seattle, Wash. Riveting mouse. 2,028,890; Jan. 28.
- Baker Axle Company. (See Baker, Erle K., assignor.)
- Baker Box Company. (See McClary, David J., assignor.)
- Baker Brothers, Inc. (See Hallenbeck, George E., as-signor.)
- Baker Castor Oil Company, The. (See Colbeth, Ivor M., assignor.)
- Baker, Charles L., Grosse Pointe, Mich. Dust mop cleaner. 2,033,672; Mar. 10.
- Baker, Charles S., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve assembly. 2,040,542; May 12.
- Baker & Company. (See Cohn, Sigmund, assignor.)
- Baker & Company. (See Colby, Edward A., assignor.)
- Baker & Company. (See Jones, Harry J., assignor.)
- Baker & Company. (See Livingstone, Stanley, assignor.)
- Baker & Company. (See Russell, Harry J., assignor.)
- Baker & Company. (See Schumpelt, Karl, assignor.)
- Baker & Co. (See Stauss, H. E., and Ogden, assignors.)
- Baker & Company, et al. (See Weller, Charles A., as-signor.)
- Baker & Company. (See Zimmermann F., and Zschne-gner, assignors.)
- Baker, David B. (See Johnston, E. A., and Baker.)
- Baker, David B. (See Lindgren, A. C., and Baker.)
- Baker, David B., Riverside, and C. R. Rogers, Oak Park, Ill., assignors to International Harvester Company. Track roller assembly. 2,054,532; Sept. 15.
- Baker, David B., Riverside, C. R. Rogers, Oak Park, and N. O. Panzgrau, Chicago, Ill., assignors to Inter-national Harvester Company. Track adjustment for track type tractors. 2,054,533; Sept. 15.
- Baker, Donald J., Hartford, Conn. Television system and method. 2,026,725; Jan. 7.
- Baker, Donald R. (See Nordmark, H. P., and Baker.)
- Baker, Douglas A., New York, N. Y. Filtering apparatus. 2,046,864; July 7.
- Baker, Edward H., Belmont, Mass. Motor cooling means. 2,060,363; Nov. 10.
- Baker, Edwin M., Ann Arbor, Mich., and L. C. Borchert, Chicago, Ill., assignors to General Spring Bumper Cor-poration, Detroit, Mich. Plating and article produced thereby. 2,061,056; Nov. 17.
- Baker, Elton N., Chicago, Ill. Photoink printing. 2,058,396; Oct. 27.
- Baker, Erle K., Detroit, Mich., assignor to Baker Axle Company, Cleveland, Ohio. Motor vehicle. 2,046,602; July 7.
- Baker, Ernest E., assignor to R. J. Marston, Detroit, Mich. Powder dispenser. 2,051,672; Aug. 18.
- Baker, Eugene L., Taunton, Mass. Gas range. 2,033,369; Mar. 10.
- Baker, Forest E., South Charleston, W. Va., assignor to Owens-Illinois Glass Company. Bottle tiering apparatus. 2,058,397; Oct. 27.
- Baker, Frank U., Tipton, Mich., assignor of one-half to E. Bagnall, Adrian, Mich. Submergible carpet. 2,057,358; Oct. 13.
- Baker, Freeman, Saranac Lake, N. Y. Manually operated water vehicle. 2,036,185; Apr. 7.
- Baker, George E., Scipioville, N. Y. Spark timer for in-ternal combustion engines. 2,049,637; Aug. 4.
- Baker, George M. (See Van Vorst, J., and Baker.)
- Baker, George W., assignor to American Coolair Corpora-tion, Jacksonville, Fla. Portable precooling equipment. 2,033,022; Mar. 3.
- Baker, Gilbert L., Oakland, Calif., assignor of one-half to Algot Oberg. Combined can opening and sealing device. 2,064,716; Dec. 15.
- Baker, Greeley. (See Engelman, J. J., Henchert, and Baker.)
- Baker, Greeley, Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 2,052,595; Sept. 1.
- Baker, Guy O., Friend, Nebr. Shoe press last. 2,063,075; Dec. 8.
- Baker, Harry J., and C. Ness, Indianapolis, Ind., assign-or, by mesne assignments, to Union Carbide and Carbon Corporation. Inlet nipple trap. 2,043,944; June 9.
- Baker, Harry S., Arlington, assignor to The Ashton Valve Company, Cambridge, Mass. Valve. 2,034,222; Mar. 17.
- Baker, Harry S., Arlington, assignor to The Ashton Valve Company, Cambridge, Mass. Gauge. 2,040,681; May 12.
- Baker, Harry W., Kansas City, Kans. Sound head for moving picture projectors. 2,050,480; Aug. 11.
- Baker, Heise, Frankfort, Ky. Switch. 2,036,314; Apr. 7.
- Baker, Henry C., and R. H. Peterson, Canton, Ohio, as-signors to Republic Steel Corporation, Youngstown, Ohio. Locker latch. 2,033,806; Mar. 10.
- Baker, Howard H., Buffalo, N. Y. Dehydrating device. 2,036,909; Apr. 7.
- Baker, Howard H., Buffalo, N. Y. Dehydrating composi-tions. 2,039,512; May 5.
- Baker, Howard H., Buffalo, N. Y. Polishing mop or duster. 2,060,012; Nov. 10.
- Baker Ice Machine Co. Inc. (See Schneider, Albert E., assignor.)
- Baker, John B., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing cage. 2,049,040; July 28.
- Baker, John B., assignor to The Timken Roller Bearing Company, Canton, Ohio. Separable drill bit. 2,052,011; Aug. 25.
- Baker, John B., assignor to The Timken Roller Bearing Company, Canton, Ohio. Separable drill bit. 2,052,019; Aug. 25.
- Baker, John B., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing. 2,055,714; Sept. 29.
- Baker, John S., assignor to Cook Electric Company, Chi-cago, Ill. Air conditioning control circuit. 2,046,361; July 7.
- Baker, John S., assignor to Cook Electric Company, Chi-cago, Ill. Helical bellows and making the same. 2,049,100; July 28.
- Baker, Kenneth H., Attleboro Falls, assignor to H. E. Sweet, doing business as R. F. Simmons Company, Attleboro, Mass. Wrist watch strap, band, or bracelet. 2,032,557; Mar. 3.
- Baker, Lucile R., Columbia, S. C. Attachment for copy holders. 2,050,150; Aug. 4.
- Baker Manufacturing Company. (See Buffington, Harry C., assignor.)
- Baker Manufacturing Company. (See Miller, J. G., and Buffington, assignors.)
- Baker Manufacturing Company, The. (See Buffington,, Harry C., assignor.)
- Baker, Mark, and S. A. Hallgren, Worcester, Mass., as-signors, by mesne assignments, to Boston Machine Works Company. Oil burner. 2,055,462; Sept. 29.
- Baker, Nelson M., assignor to American Optical Company, Southbridge, Mass. Machine for assembling ophthalmic mountings. 2,049,101; July 28.
- Baker, Nelson M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,049,102; July 28.
- Baker, Newton D., assignor to Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Suction cleaner tool. 2,036,789; Apr. 7.
- Baker, Norman A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,055,994; Sept. 29.
- Baker Oil Tools, Inc. (See Baker, Reuben C., assignor.)
- Baker Oil Tools, Inc. (See Burt, Clarence E., assignor.)
- Baker, Paul, assignor to R. A. Casey, Los Angeles, Calif. Telephone system and apparatus therefor. 2,055,920; Sept. 29.
- Baker, Paul, assignor to R. A. Casey, Los Angeles, Calif. Thermionic vacuum tube circuit. 2,055,921; Sept. 29.
- Baker, Paul E. (See Eksergian, C. L., and Baker.)



- Baker, Paul E., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Full floating axle assembly. 2,052,524; Aug. 25.
- Baker, Paul W., assignor to Wagner Electric Corporation, St. Louis, Mo. Thrust washer assembly. 2,043,790; June 9.
- Baker Perkins Company. (See Evans, Thomas, assignor.)
- Baker Perkins Company. (See Guggenheim, Max M., assignor.)
- Baker Perkins Company. (See Harber, L. S., and Pointon, assignors.)
- Baker Perkins Company. (See Plambeck, Emil W., assignor.)
- Baker Perkins Company. (See Savy, Robert, assignor.)
- Baker Perkins Company. (See Sperling, Ezra F., assignor.)
- Baker Perkins Company Incorporated. (See Harber, L. S., and Pointon, assignors.)
- Baker Perkins Company Inc. (See Macfarlane, Robert F., assignor.)
- Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Grief stem straightener. 2,060,013; Nov. 10.
- Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Perforated liner washer. 2,061,993; Nov. 24.
- Baker, Robert M., Toledo, Ohio. Temperature control device for furnaces. 2,029,551; Feb. 4.
- Baker, Roy J. (See North, G. H., and Baker.)
- Baker, Royal L. (See Robblee, I. L., and Baker.)
- Baker, Russell W. (See Emmert, R. J., Goad, Baker, Shippy, Holmes, Phelps, and Birch.)
- Baker, Samuel G., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive composition. 2,048,050; July 21.
- Baker, Theodore D., Seattle, Wash. Wire twisting tool. 2,046,497; July 7.
- Baker, Thomas T. (See Chapman, W., and Baker.)
- Baker, Thomas T., Hatch End, Middlesex, assignor to Dufaycolor Limited, London, England. Color photography. 2,030,163; Feb. 11.
- Baker, Thomas T., Hatch End, assignor to Dufaycolor Limited, London, England. Color photography. 2,050,552; Aug. 11.
- Baker, Thomas V., Chehalis, Wash. Paring knife. 2,064,718; Dec. 15.
- Baker, Thomas V., Chehalis, Wash. Saw set. 2,064,717; Dec. 15.
- Baker, Walter, assignor to Speeder Machinery Corporation, Cedar Rapids, Iowa. Excavating shovel. 2,037,958; Apr. 21.
- Baker, Webster N., Yeadon, Pa., assignor to Bagpak, Inc., New York, N. Y. Valve bag packing machine. 2,062,438; Dec. 1.
- Baker, Webster N., Baldwin, and R. N. Cundall, Lackawanna, assignors to Bagpak, Inc., New York, N. Y. Machine for filling, closing, and sealing bags. 2,049,757; Aug. 4.
- Baker, Webster N., Baldwin, R. C. Hurrey, Great Kills, and R. N. Cundall, Lackawanna, N. Y., assignors to Bagpak, Inc. Bag stapling machine. 2,062,439; Dec. 1.
- Baker, William, Toledo, Ohio. Closure. 2,028,489; Jan. 21.
- Baker, William, Toledo, Ohio. Closure. 2,028,490; Jan. 21.
- Baker, William G., Farmington, Mich., assignor to American Metal Products Company, Detroit, Mich. Method and apparatus of bending tubing. 2,057,359; Oct. 13.
- Baker, William H. (See Vanderpool, J. F., and Baker.)
- Baker, William H., Des Moines, Iowa. Traction wheel units. 2,039,513; May 5.
- Bakeries Service Corporation. (See Kinkenon, Frank R., assignor.)
- Bakstad, Johan R., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Crusher. 2,028,643; Jan. 21.
- Balais, Daniel P., Chicago, Ill. Closure cap. 2,052,070; Aug. 25.
- Balcar, Frederick R., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of alcohols. 2,044,417; June 16.
- Balch, Thomas V., Shaker Heights, assignor to The E. F. Hauserman Company, Cleveland, Ohio. Sanitation system for metallic building structures. 2,060,655; Nov. 10.
- Balch, Thomas V., Shaker Heights, and J. A. Bohnsack, Cleveland Heights, assignors to The E. F. Hauserman Company, Cleveland, Ohio. Thick paneled metallic wall structure. 2,047,572; July 14.
- Baldi, Joseph R. (See Quattrin, S., and Baldi.)
- Baldt Anchor Chain & Forge Corporation. (See Powell, J. H., and Staats, assignors.)
- Balduf, Bruno E., assignor to United States Gypsum Company, Chicago, Ill. Building construction and clip means therefor. 2,039,382; May 5.
- Balduf, Bruno E., assignor to United States Gypsum Company, Chicago, Ill. Fireproof building construction. 2,063,010. Dec. 8.
- Baldwin, Alfred W., Blackley, Manchester, and I. M. Heilbron, and W. E. Jones, Victoria University Manchester, England, assignors to Imperial Chemical Industries Limited. Ethers of polyhydric alcohols. 2,038,705; Apr. 28.
- Baldwin, Alfred W., Blackley, Reginald W. Everatt, Heysham, and A. H. Knight, Blackley, England, assignors to Imperial Chemical Industries Limited. N-ethyl, n-ethylol cresidine and producing same. 2,060,845; Nov. 17.
- Baldwin, Alfred W., and A. H. Knight, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. N,N-dialkylol anilines and producing same. 2,044,045; June 16.
- Baldwin, Alfred W., Ashton-on-Mersey, and A. J. Hailwood, Altrincham, England, assignors to Imperial Chemical Industries Limited. Preparing aliphatic sulpho-ethers. 2,062,957; Dec. 1.
- Baldwin, Alfred W., Sale, and A. J. Hailwood, Altrincham, England, assignors to Imperial Chemical Industries Limited. Ether compounds. 2,062,958; Dec. 1.
- Baldwin, Clayton J., assignor to Dustbone Products Limited, Ottawa, Ontario, Canada. Dispensing apparatus. 2,064,719; Dec. 15.
- Baldwin, Clyde P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 2,053,259; Sept. 8.
- Baldwin, Clyde P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 2,062,661; Dec. 1.
- Baldwin Company, The. (See Kock, Winston E., assignor.)
- Baldwin Company, The. (See Yungblut, Gibson, assignor.)
- Baldwin, Curtis C., Ottawa, Kans. Separator. 2,046,442; July 7.
- Baldwin-Duckworth Chain Corporation. (See McCann, John F., assignor.)
- Baldwin-Duckworth Chain Corporation. (See McCann, J. F., and Johnson, assignors.)
- Baldwin, Edward A., Jackson, Mich. Windshield condensation preventer. 2,046,362; July 7.
- Baldwin, George S., Cleveland Heights, assignor to The American Laundry Machinery Company, Norwood, Ohio. Press control mechanism. 2,034,456; Mar. 17.
- Baldwin, Gerald L., San Diego, Calif. Garden shower and method of making. 2,040,165; May 12.
- Baldwin, H. J., & Company Limited. (See Walmsley, Horace J. D. L., assignor.)
- Baldwin, Harold R., Carpentersville, Ill., assignor to Elgin Manufacturing Company. Multiple filling machine. 2,037,691; Apr. 21.
- Baldwin, Hornsby S., Perth Amboy, N. J. Air humidifier and cleaner. 2,042,289; May 26.
- Baldwin, John D., Jr., assignor, by mesne assignments, to The Weatherhead Company, Cleveland, Ohio. Control assembly. 2,044,492; June 16.
- Baldwin, Philip S., Florence, Italy. Hydraulic transmission. 2,048,771; July 28.
- Baldwin, Richard E., Thornton Heath, assignor to The Accounting and Tabulating Corporation of Great Britain Limited, London, England. Paper feeding mechanism for statistical machines. 2,059,198; Nov. 3.
- Baldwin-Southwark Corporation. (See Dinzi, Richard W., assignor.)
- Baldwin-Southwark Corporation. (See Duke, William V., assignor.)
- Baldwin-Southwark Corporation. (See Francis, Harry, Jr., assignor.)
- Baldwin-Southwark Corporation. (See Galson, Henry L., assignor.)
- Baldwin-Southwark Corporation. (See Heller, Henry C., assignor.)
- Baldwin-Southwark Corporation. (See Kerr, Samuel L., assignor.)
- Baldwin-Southwark Corporation. (See Larner, C. W., and Kruse, assignors.)
- Baldwin-Southwark Corporation. (See McKee, G. S., and Galson, assignors.)
- Baldwin-Southwark Corporation. (See Moody, Lewis F., assignor.)
- Baldwin Southwark Corporation. (See Neeson, Charles R., assignor.)
- Baldwin-Southwark Corporation. (See Neeson, C. R., and Locke, assignors.)
- Baldwin-Southwark Corporation. (See Sharp, Robert E. B., assignor.)
- Baldwin-Southwark Corporation. (See Wazau, Georg, assignor.)
- Baldwin-Southwark Corporation. (See Weiland, Alfred, assignor.)
- Baldwin-Southwark Corporation. (See Zwickl, Joseph R., assignor.)
- Balensiefer, Frank, Fowler, Ind. Truck chock and anchor. 2,036,910; Apr. 7.
- Balensiefer, Frank, Fowler, Ind. Spray deflector. 2,065,549; Dec. 29.
- Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Locking device. 2,049,939; Aug. 4.
- Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Machine stand and cabinet. 2,028,891; Jan. 28.
- Balfe, George T. (See Diehl, L. H., and Balfe.)
- Balfe, George T., assignor to Detroit Gasket & Mfg. Co., Detroit, Mich. Gasket and gasket material. 2,029,302; Feb. 4.
- Balfe, George T., assignor to Detroit Gasket & Mfg. Co., Detroit, Mich. Laminated material. 2,055,471; Sept. 29.
- Balfour, L. G., Company. (See Kiff, Earl, assignor.)



- Balfour L. G. Company. (See Niven, H. A., and Kiff, assignors.)
- Balga, Louis, Bridgeport, Conn. Screw driver. 2,042,376; May 26.
- Balinkin, Isay, and D. A. Wells, Cincinnati, Ohio. Device employing fluid electrodes. 2,064,873; Dec. 22.
- Balko, Charles H., Boston, assignor of one-half to M. Blaha, Versailles, Pa. Floating safe. 2,062,693; Dec. 1.
- Ball, Albert P. (See Webber, Thomas M., assignor.)
- Ball, Albert P., assignor, by mesne assignments, to Automobile Ventilation, Inc., Detroit, Mich. Ventilating window mechanism. 2,033,871; Mar. 10.
- Ball, Albert P., assignor, by mesne assignments, to Automobile Ventilation, Inc., Detroit, Mich. Ventilating window mechanism. 2,033,872; Mar. 10.
- Ball, Albert P., assignor, by mesne assignments, to Automobile Ventilation, Inc., Detroit, Mich. Ventilating window mechanism. 2,033,873; Mar. 10.
- Ball, Albert P., assignor to Automobile Ventilation, Inc., Detroit, Mich. Ventilating window mechanism. 2,033,874; Mar. 10.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Seat back spring. 2,034,078; Mar. 17.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Fastener for trimming material. 2,037,301; Apr. 14.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Ventilator construction. 2,043,089; June 2.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Welding tip. 2,051,284; Aug. 18.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Trim panel assembly. 2,051,673; Aug. 18.
- Ball, Albert P., assignor, by mesne assignments, to Automobile Ventilation, Inc., Detroit, Mich. Ventilating window mechanism. 2,053,936; Sept. 8.
- Ball, Albert P., assignor, by mesne assignments, to Automobile Ventilation, Inc., Detroit, Mich. Ventilating window mechanism. 2,053,937; Sept. 8.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle top construction. 2,055,889; Sept. 29.
- Ball, Albert P., assignor to Square D Company, Detroit, Mich. Protective cover for electric switches. 2,060,603; Nov. 10.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Chair. 2,063,780; Dec. 8.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Chair. 2,063,781; Dec. 8.
- Ball, Alphonse, Sacramento, Calif. Condenser for steam clothespresses. 2,048,669; July 28.
- Ball Brothers Company. (See Exton, William T., assignor.)
- Ball Brothers Company. (See Ludington, Lawrence L., assignor.)
- Ball Brothers Company. (See Stewart, Andrew H., assignor.)
- Ball Brothers Company. (See Wadsworth, Frank L. O., assignor.)
- Ball, Charles A., assignor to Chicago Belting Company, Chicago, Ill. Apparatus for treating adhesive. 2,026,726; Jan. 7.
- Ball, Charles F. (See Merwin, J. C., and Ball.)
- Ball, Charles F., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Multiple unit concrete pumping apparatus. 2,060,409; Nov. 10.
- Ball, Charles F., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Tandem valve concrete pump. 2,062,200; Nov. 24.
- Ball, Charles O. (See Roddewig, G., and Ball.)
- Ball, Charles O., River Forest, Ill., assignor to American Can Company, New York, N. Y. Apparatus for and method of canning. 2,029,303; Feb. 4.
- Ball, Charles O., River Forest, and P. C. Wilbur, Oak Park, Ill., assignors to American Can Company, New York, N. Y. Method and apparatus for canning. 2,040,726; May 12.
- Ball, Donald A. (See Mills, T. J., Quick, and Ball.)
- Ball, Donald A. (See Quick, C. G., Ball, and Whitehead.)
- Ball, Everett L., Los Angeles, Calif. Percussion ore mill. 2,047,171; July 14.
- Ball, Francis J., Willow Grove, Pa., assignor of two-thirds to C. M. Biddle, 3d, Riverton, N. J. Garden flat. 2,046,236; June 30.
- Ball, Frederick O., and A. J. E. Roualet, assignors, to Chrysler Corporation, Detroit, Mich. Internal combustion engine. 2,058,204; Oct. 20.
- Ball, George L., Jr. (See Long, J. S., and Ball.)
- Ball, Harry V., Concord, Mass., assignor to Irving Trust Company, Permanent Trustee for R. Hoe & Co., Inc., New York, N. Y. Web roll controlling mechanism for printing machines. 2,032,339; Feb. 25.
- Ball, Harry V., deceased, late of Bedford, by L. C. Ball administratrix, Bedford, Mass., assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Ink ing mechanism for printing machines. 2,048,366; July 21.
- Ball, Harry V., Concord, Mass., and F. Lamatsch, Grantwood, N. J., assignors, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Plate clamp for printing machines. 2,066,192; Dec. 29.
- Ball, Harvey W. (See Bigler, C. L., and Ball.)
- Ball, Harvey W. (See Buck, H., and Ball.)
- Ball, Harvey W., assignor to The Morgan Engineering Company, Alliance, Ohio. Machine for charging annealing furnaces and the like. 2,028,038; Jan. 14.
- Ball, Harvey W., J. Kloos, and O. S. Jeffries, assignors to The Morgan Engineering Company, Alliance, Ohio. Hydraulic brake. 2,065,259; Dec. 22.
- Ball, John H., Abilene, Tex. Road striping machine. 2,044,558; June 16.
- Ball, Joseph A., Los Angeles, Calif. Feeding device. 2,059,199; Nov. 3.
- Ball, Lillian C., administratrix. (See Ball, Harry V.)
- Ball, P. DeC. (See Deschamps, Desire J., assignor.)
- Ball, Raymond H., Scarsdale, N. Y. Salt shaker. 2,035,256; Mar. 24.
- Ball, Reginald D., Bradford, assignor to The English Electric Company Limited, London, England. Polyphase alternating current motor. 2,039,050; Apr. 28.
- Ball, William, Wallington, assignor to British Adding and Calculating Machines Limited, London, England. Calculating machine. 2,043,221; June 9.
- Ballantine, Stuart, Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Volume control for amplifiers. 2,046,237; June 30.
- Ballantine, Stuart, Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Sound reproducing system. 2,054,647; Sept. 15.
- Ballantine, Stuart, Mountain Lakes, N. J., assignor to Radio Corporation of America. Variable mu amplifier circuit. 2,066,284; Dec. 29.
- Ballard, Harrie A., Beverly, Mass., assignor to The Turner Tanning Machinery Company, Portland, Maine. Machine for operating upon hides, skins, and pieces of leather. 2,042,495; June 2.
- Ballard, Harrie A., Beverly, Mass., assignor to The Turner Tanning Machinery Company, Portland, Maine. Machine for operating upon hides, skins, and pieces of leather. 2,063,974; Dec. 15.
- Ballard, Howard T., trustee et al. (See Pratt, Harry P., assignor.)
- Ballard, James M., et al. (See Hull, Dwight D., assignor.)
- Ballard, John L., and R. L. Jenkins, Anniston, Ala., assignors to Swann Research, Incorporated. Nitration of diphenyl. 2,033,370; Mar. 10.
- Ballard, John R., assignor to Bal-Rod, Inc., San Francisco, Calif. Apparatus for cooling food storage spaces. 2,047,249; July 14.
- Ballard, Milton H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon sheet material. 2,053,313; Sept. 8.
- Ballard, Milton H., Beverly, D. W. Bunker, Quincy, S. J. Finn, and J. F. Hardy, Beverly, T. H. Seely, Melrose, and W. D. Thomas, Lynnfield, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for pressing soles on shoes. 2,047,185; July 14.
- Ballard, William O., Toledo, Ohio. Interior decoration for blown plastic ware. 2,054,553; Sept. 15.
- Ballauf, Fritz, Cologne-Mulheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azodyestuffs. 2,055,741; Sept. 29.
- Balle, Gerhard. (See Persiel, H., Balle, Grom, and Semmig.)
- Balle, Gerhard, Frankfurt-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Synthetic resins. 2,060,410; Nov. 10.
- Ballentine, Earle W., assignor to Solar Industries, Inc., Chicago, Ill. Rotor. 2,048,421; July 21.
- Ballentine, Earle W., assignor to Solar Industries, Inc., Chicago, Ill. Blower. 2,058,123; Oct. 20.
- Ballin, Fred A., Jr., Los Angeles, Calif. Garment hanger. 2,065,499; Dec. 29.
- Ballman, Edwin C., St. Louis, Mo. Shaft coupling. 2,041,104; May 19.
- Ballman, Edwin C., St. Louis, Mo. Air cooler. 2,060,482; Nov. 10.
- Ballmann, Ralph D., Cincinnati, Ohio. Airplane wing. 2,038,337; Apr. 21.
- Ballou, B. A., & Co. (See Morehouse, Eugene, assignor.)
- Ballou, Howard M., assignor to R. Blackinton & Co., North Attleboro, Mass. Producing engraved patterns for silverware and the like. 2,032,039; Feb. 25.
- Ballou, Richard P., Wilkes-Barre, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electron tube apparatus. 2,027,510; Jan. 14.
- Ballou, Walter T., Los Angeles, Calif. Ignition gauge. 2,039,051; Apr. 28.
- Balls, Arnold K., Washington, D. C., and T. L. Swenson, Chevy Chase, Md., dedicated to the free use of the public of the United States of America. Alteration of egg white. 2,054,213; Sept. 15.
- Balls, Arnold K., Washington, D. C., and T. L. Swenson, Chevy Chase, Md., dedicated to the free use of the public in the territory of the United States of America. Alteration of egg white. 2,062,387; Dec. 1.
- Bally Manufacturing Company. (See Chappell, Edward M., assignor.)
- Balmford, Alfred B., et al. (See Burn, Walter Scott, assignor.)
- Balogh, John J., Wilkes-Barre, Pa. Undertaker's lay out. 2,033,807; Mar. 10.
- Balogh, Andrew M., assignor of one-half to E. L. Hoyles, Chicago, Ill. Fuel mixer. 2,064,720; Dec. 15.



- Bal-Rod, Inc. (See Ballard, John R., assignor.)  
 Balsiger, Harold E. (See Gurney, D., Balsiger, and Ott.)  
 Balsiger, Harold E. (See Steiner, A. P., Wine, and Balsiger.)  
 Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Automatic work driving device. 2,046,238; June 30.  
 Balster, Albert, Chicago, Ill. Table mounting for calculating machines. 2,044,559; June 16.  
 Balthazor, Arthur E., Kankakee, Ill. Front box fender. 2,057,322; Oct. 13.  
 Baltimore Paint & Color Works, Inc. (See Levyne, Sidney A., assignor.)  
 Baltimore Paper Box Company, The. (See Ferguson, George K. S., assignor.)  
 Baltimore Paper Company. (See Wensler, Charles J., assignor.)  
 Baltimore Valve Corporation. (See Peterson, W. F., and Walter, assignors.)  
 Balton, James, Baltimore, Md., assignor of one-fourth to J. Shapiro, Baltimore, Md., one-fourth to I. Shapiro, Chicago, Ill., one-fourth to N. Shapiro, and one-fourth to S. Shapiro, Chelsea, Mass. Ice cream cone. 2,033,673; Mar. 10.  
 Balyozian, Nicholas, Mansfield, Mass. Refillable plastic material container. 2,053,314; Sept. 8.  
 Balz, Emil H., Pittsburgh, Pa., assignor, by mesne assignments, to Plaskon Company, Incorporated. Molding powder. 2,056,442; Oct. 6.  
 Balz, Emil H., Glenshaw, Pa., assignor to Duplate Corporation. Apparatus for making safety glass. 2,064,514; Dec. 15.  
 Balz, Otto, A. Leber, Mannheim, and H. Diekmann, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Fertilizer in granular form. 2,061,534; Nov. 17.  
 Balz, William G., assignor to Shakespeare Company, Kalamazoo, Mich. Fishing reel. 2,057,178; Oct. 13.  
 Balzer, Fred, Cincinnati, Ohio, and G. B. Knapmeyer, Covington, Ky., assignors to The American Laundry Machinery Company, Cincinnati, Ohio. Automatic formula control for washing machines. 2,064,053; Dec. 15.  
 Balzer, Frederick L., Beaver Falls, Pa. Stoking device. 2,061,130; Nov. 17.  
 Balzer, Werner H., assignor to Waltham Watch Company, Waltham, Mass. Electrically operated signal. 2,063,076; Dec. 8.  
 Bamber, Arthur K., Brighton, England. Paving of tennis courts and the like. 2,042,377; May 26.  
 Bamber, Millard J. (See Weick, F. E., and Bamber.)  
 Bamberger, Arnold, et al. (See Marotte, Maurice L., assignor.)  
 Bamberger, Joseph, Cincinnati, Ohio. Signal device for motor vehicles. 2,060,483; Nov. 10.  
 Bambino, Peter M., San Francisco, Calif. Combined shirt and suspenders. 2,035,360; Mar. 24.  
 Bamford, Daniel, Middleton, England. Manufacture of squeezing or expressing bowls, rollers, and such like. 2,041,520; May 19.  
 Bamford, Harry S. (See Earnsworth, P. T., and Bamford.)  
 Bamonte, Giuseppe, Plainfield, N. J. Fire detecting signal system. 2,058,288; Oct. 20.  
 Bancroft, Charles, New Canaan, Conn. Rotary internal combustion engine. 2,037,450; Apr. 14.  
 Bancroft, Charles, New Canaan, Conn. Rotary engine construction. 2,061,131; Nov. 17.  
 Bancroft, Joseph, & Sons Co. (See Gibbons, John T., assignor.)  
 Bancroft, Thomas O., Monroe, La. Bag tube and making same. 2,059,200; Nov. 3.  
 Band Box Corporation, The. (See Pugh, Earl C., assignor.)  
 Bandoly, Erich, assignor to Taylor Instrument Companies, Rochester, N. Y. Magnetic compass. 2,027,952; Jan. 14.  
 Bandoly, Erich, assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 2,037,874; Apr. 21.  
 Bandoly, Erich, assignor to Taylor Instrument Companies, Rochester, N. Y. Sphygmomanometer. 2,051,539; Aug. 18.  
 Bandura, Stephen M., Astoria, N. Y. Brake for portable tables. 2,058,205; Oct. 20.  
 Baner, Beatrice A., executrix. (See Banner, Frank H.)  
 Banfield, Frederic E., Jr., Saco, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Builder motion for spinning and twister frames. 2,048,590; July 21.  
 Bangratz, Ernest G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric converter. 2,036,189; Apr. 7.  
 Bangs, Ralph C., Providence, R. I., assignor to Juliette G. Wolff, New York, N. Y. Vanity case. 2,043,726; June 9.  
 Bangs, Ralph L., Wakefield, assignor to Forest Wadding Company, Roxbury, Mass. Container. 2,058,757; Oct. 27.  
 Banister, Xenia, Braintree, England, assignor to N. Strachovsky, Paris, and J. F. Paulsen, Viroflay, France. Pile fabric and the method and apparatus for making same. 2,052,071; Aug. 25.  
 Bank of The Manhattan Company. (See Austin, William E., assignor.)  
 Banker, Oscar H., Chicago, Ill. Torque tube support. 2,032,863; Mar. 3.  
 Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Clutch mechanism. 2,042,454; June 2.  
 Bankers Box Company. (See Peterson, Arthur E., assignor.)  
 Bankert, Fred H., Ottawa, assignor to Chicago Retort & Fire Brick Co., Chicago, Ill. Furnace wall and block unit for making the same. 2,061,822; Nov. 24.  
 Banks, Daniel B., Upper Darby, Pa., and P. D. Barton, Scarsdale, N. Y., assignors to Sun Oil Company, Philadelphia, Pa. Dewaxing hydrocarbon oils. 2,059,166; Oct. 27.  
 Banks, Harry R., Creston, Iowa. Travel guide. 2,045,822; June 30.  
 Banks, Henry, Littlefield, Tex. Lifting jack attachment. 2,033,808; Mar. 10.  
 Banks, Henry A., Sioux Falls, S. Dak. Price tag holder. 2,053,124; Sept. 1.  
 Banks, Ira O., Higginsville, Mo. Radio antenna. 2,047,092; July 7.  
 Banks, William C., Jersey City, N. J. Third rail supporting device. 2,048,367; July 21.  
 Banks, William C., Jersey City, N. J., assignor to Shield Electric Company, New York, N. Y. Third rail securing device. 2,035,445; Mar. 31.  
 Banks, William C., Jersey City, N. J., assignor to Shield Electric Company, New York, N. Y. Electrical connector. 2,038,203; Apr. 21.  
 Bannan, Philip L., assignor to Pacific Gear and Tool Works, San Francisco, Calif. Gear unit. 2,036,389; Apr. 7.  
 Bannen, William J. (See Quartz, W. N., and Bannen.)  
 Banner, Abraham, New York, N. Y. Reversible handbag. 2,029,905; Feb. 4.  
 Banner, Frank H., deceased, late of Rochester, N. Y., by B. A. Banner, Rochester, N. Y., executrix, assignor to General Railway Signal Company, Rochester, N. Y. Making wrist pins. 2,027,573; Jan. 14.  
 Banner Iron Works. (See Illig, Walter E., assignor.)  
 Bannister, Albert R. (See Day, F. B., and Bannister.)  
 Bannister, Albert R., Sunbury-on-Thames, assignor to British Emulsifiers Limited, Middlesex, England. Apparatus for emulsifying liquids. 2,056,931; Oct. 6.  
 Bannister, Albert R., Sunbury-on-Thames, and F. B. Day, Teddington, assignors to British Emulsifiers Limited, Middlesex, England. Emulsification of butter and milk for the production of artificial cream. 2,064,402; Dec. 15.  
 Bannister, Bryant, Mount Lebanon, Pa. Sectional guide roll. 2,034,127; Mar. 17.  
 Bannister, Bryant, Mount Lebanon, Pa. Apparatus for forming tubular blanks. 2,050,236; Aug. 4.  
 Bannister, Bryant, Mount Lebanon, Pa., assignor to National Tube Company. Apparatus for forming tubular blanks. 2,040,764; May 12.  
 Bannister, Charles A., Firthcliffe, N. Y. Transmission band. 2,038,469; Apr. 21.  
 Bannister, William J., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Esterification process. 2,029,694; Feb. 4.  
 Bansa, August. (See Schick, P., and Bansa.)  
 Banta, Clifford, Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Production of motor benzol. 2,064,455; Dec. 15.  
 Bantam Ball Bearing Company, The. (See Herrmann, Karl L., assignor.)  
 Banwer, William, Brooklyn, N. Y. Hand bag. 2,028,376; Jan. 21.  
 Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Electrical regulating system. 2,031,452; Feb. 18.  
 Bany, Herman, Lansdowne, Pa., and R. N. Slinger, Schenectady, N. Y., assignors to General Electric Company. Electrical regulating system. 2,063,077; Dec. 8.  
 Bappler, Charles T., assignor to The Bush Manufacturing Company, Hartford, Conn. Radiator. 2,051,402; Aug. 18.  
 Barab, Jacob, assignor to Hercules Powder Company, Wilmington, Del. Blasting cartridge. 2,044,345; June 16.  
 Baraban, Nathan. (See Hopkins, E. R., and Baraban.)  
 Baranoff, André V., Saint-Mandé, France. Electro-mechanical reproducer for gunfire. 2,042,697; June 2.  
 Baranoff, André V., Paris, France. Apparatus for simulating artillery firing. 2,063,536; Dec. 8.  
 Baranowski, Bronislaw, Brockton, Mass. Trap for ice-fishing. 2,045,063; June 23.  
 Baranowski, Charles L., South Bend, Ind. Combined salt and pepper shaker. 2,031,755; Feb. 25.  
 Barany, Edmund R., New York, N. Y. Geometrical instrument. 2,064,142; Dec. 15.  
 Barbareschi, Carlo, Milan, Italy. Pump for gaseous fluids. 2,044,560; June 16.  
 Barbay, Joseph P., St. Louis, Mo. Window. 2,066,134; Dec. 29.  
 Barbeau, Alexis C., assignor to S. Howes Co. Inc., Silver Creek, N. Y. Grain scouring and cleaning apparatus. 2,065,500; Dec. 29.  
 Barbeck, Joseph, Cleveland, Ohio. Switch. 2,049,149; July 28.  
 Barbee, Frederic G., High Point, N. C. Portable wardrobe. 2,047,093; July 7.  
 Barber, Alfred W., Flushing, assignor to Premier Crystals Laboratories, Inc., New York, N. Y. Electrical meter. 2,039,267; Apr. 28.  
 Barber Asphalt Company, The. (See Couglin, Edward T. A., assignor.)



- Barber Asphalt Company, The. (See Hayden, Harold P., assignor.)
- Barber Asphalt Company, The. (See Kuehling, Herman, assignor.)
- Barber Asphalt Company, The. (See Smith, Preston R., assignor.)
- Barber Asphalt Company, The. (See Weller, John H., assignor.)
- Barber, Boyd. (See Dame, C. V., and Barber.)
- Barber, Clifford L., and P. C. Ripley, assignors to Kester Solder Company, Chicago, Ill. Solder for aluminum and soldering. 2,052,740; Sept. 1.
- Barber-Colman Company. (See Edgar, John, assignor.)
- Barber-Colman Company. (See Marcellus, Brooks, assignor.)
- Barber-Colman Company. (See Peterson, Burt A., assignor.)
- Barber-Colman Company. (See Sadtler, Chester B., assignor.)
- Barber, Forrest E., and R. H. Davis, Flint, Mich., said Davis assignor to said Barber. Auto hood fastener. 2,058,302; Nov. 3.
- Barber, Frank F. (See Vollans, Frederick W., assignor.)
- Barber, George H., New Rochelle, N. Y., and G. B. Pratt, Grantwood, assignors to Bond Electric Corporation, Jersey City, N. J. Flashlight. 2,040,423; May 12.
- Barber, Glenn A., Kent, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Handling strands. 2,058,758; Oct. 27.
- Barber-Greene Company. (See Barber, Harry H., assignor.)
- Barber, Harry H., assignor to Barber-Greene Company, Aurora, Ill. Road building machine. 2,064,807; Dec. 22.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet collecting and folding mechanism for printing presses. 2,044,459; June 16.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Web perfecting rotary press. 2,048,483; July 21.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Web printing rotary press. 2,048,484; July 21.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Web printing rotary press. 2,048,485; July 21.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Web perfecting rotary press. 2,048,486; July 21.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Web perfecting rotary press. 2,050,034; Aug. 4.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Rotary web printing press. 2,057,360; Oct. 13.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Rotary printing press. 2,058,759; Oct. 27.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Rotary printing press. 2,058,760; Oct. 27.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Delivery mechanism for printing presses. 2,065,300; Dec. 22.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Double pile flat sheet delivery for rotary printing presses. 2,065,301; Dec. 22.
- Barber, Hugh B. (See Hepburn, W. M., and Barber.)
- Barber, Jesse, Pullman, Wash. Grain separator. 2,043,978; June 16.
- Barber Manufacturing Company, The. (See Jones, Roy S., assignor.)
- Barber, William R., Camas, Wash., assignor to Crown Wilamette Paper Company, San Francisco, Calif. Compressing compressible material into a solid pack. 2,028,431; Jan. 21.
- Barbey, Jean W., St. Davids, and A. Bartschi, Oakmont, assignors to J. Edwards & Co., Philadelphia, Pa. Shoe. 2,027,953; Jan. 14.
- Barbier, Henri, Geneva, Switzerland, assignor to Givaudan-Delawanna, Inc., New York, N. Y. Open chain allyl citrylidene acetone. 2,051,812; Aug. 25.
- Barbiere, Michael, Huntington Station, N. Y. Ashtray for extinguishing cigarettes or cigars. 2,063,717; Dec. 8.
- Barbieri, Cesare, New York, N. Y., assignor to Vortex Cup Company, Chicago, Ill. Dispenser. 2,037,751; Apr. 21.
- Barbieri, Cesare, New York, N. Y., assignor to Vortex Cup Company, Chicago, Ill. Rotary cup machine. 2,049,417; Aug. 4.
- Barbieri, Cesare, New York, N. Y., assignor to Vortex Cup Company, Chicago, Ill. Cup machine. 2,049,418; Aug. 4.
- Barbieri, Cesare, New York, N. Y., assignor to Vortex Cup Company, Chicago, Ill. Making containers. 2,049,419; Aug. 4.
- Barbour, John B., Trucking Company. (See Shipman, Walter G., assignor.)
- Barbour Stockwell Company. (See Blanchard, Leon E., assignor.)
- Barbour Welting Company. (See Arnold, Pearl C., assignor.)
- Barbour Welting Company. (See Vizard, William C., assignor.)
- Barchard, Frank L. (See Sussin, Max H., assignor.)
- Barck, Julia C., et al. (See Slattengren, Henry A., assignor.)
- Barclay, Frank R., Youngstown, Ohio. Safety traffic light for automobiles. 2,041,315; May 19.
- Barclay, Robert E., Chicago, Ill. Electrical discharge device and electrode for same. 2,062,959; Dec. 1.
- Barclay, Robert E., Chicago, Ill. Gaseous conduction device. 2,053,507; Sept. 8.
- Barclay, Robert E., Chicago, Ill. Initiating and controlling electrical discharge in a gaseous conduction path. 2,062,960; Dec. 1.
- Barclay, Sidney F., Manchester, England, assignor to General Fire Extinguisher Company, Providence, R. I. Nozzle. 2,027,954; Jan. 14.
- Barclay, William R., R. B. Woodcock, and W. T. Minnett, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Heel building machine. 2,046,443; July 7.
- Barclays Bank Limited, et al., executors. (See Fairweather, D. A. W., and Thomas.)
- Barclay, Gaylord A., South Orange, N. J. Body-encircling undergarment. 2,049,242; July 28.
- Barco Manufacturing Co. (See Bard, Francis N., assignor.)
- Barco Manufacturing Co. (See Bard, F. N., Charles, and Gray, assignors.)
- Barco Manufacturing Co. (See Bard, F. N., Gray, and Priebe, assignors.)
- Barco Manufacturing Co. (See Charles, Carl L., assignor.)
- Barco Manufacturing Co. (See Gray, Thomas C., assignor.)
- Barczewski, Walter. (See Eckard, C., and Barczewski.)
- Bard, Charles T., Norwich, Conn. Automatic ball closing fitting. 2,030,019; Feb. 4.
- Bard, Francis N., Highland Park, Ill., assignor to Walworth Patents, Inc., Boston, Mass. Plug valve. 2,028,181; Jan. 21.
- Bard, Francis N., Highland Park, C. L. Charles, Chicago, and T. C. Gray, Evanston, Ill., assignors to Barco Manufacturing Co., Chicago, Ill. Reverse gear. 2,029,404; Feb. 4.
- Bard, Francis N., Highland Park, assignor to Barco Manufacturing Co., Chicago, Ill. Train pipe connection. 2,057,130; Oct. 13.
- Bard, Francis N., Highland Park, T. C. Gray, Evanston, and A. H. Priebe, Wilmette, assignors to Barco Manufacturing Co., Chicago, Ill. Car connection. 2,058,124; Oct. 20.
- Bard-Parker Company. (See Parker, Morgan, assignor.)
- Bardach, Lloyd H., Hartford, Conn., and N. H. Curtiss, Passaic, N. J., assignors to United States Rubber Products, Inc., New York, N. Y. Making garter tabs. 2,063,019; Dec. 8.
- Barden, William S. (See Grimes, D., and Barden.)
- Barden, William S., Grasmere, Staten Island, N. Y., assignor to Radio Corporation of America. Carrier augmentation circuit. 2,041,040; May 19.
- Barden, William S., Stapleton, Staten Island, N. Y., assignor to Radio Corporation of America. Heterodyne receiving system. 2,053,414; Sept. 8.
- Bardes, E. H., Range & Foundry Company. (See Mitten-dorf, William R., assignor.)
- Bardet, George A., Berkeley, Calif., assignor to M. J. B. Company. Key for tearing strip cans. 2,047,250; July 14.
- Bardet, George A., and G. V., Berkeley, Calif., assignors to M. J. B. Company. Attachment for can labeling machines. 2,045,287; June 23.
- Bardet, George V. (See Bardet, George A., and G. V.)
- Bardou-Job, Pierre, M. J., and H. F. Hébrard, Perpignan, assignors to Ré, Saint-Marguerite, Ceret, Pyrenées-Orientales, France. Insulating material for lining and other uses. 2,055,691; Sept. 29.
- Bardrof, Frank E., Shaker Heights, Ohio. Mensometer. 2,046,239; June 30.
- Barényi, Árpád, Berlin-Steglitz, assignor to Voigtländer & Sohn Aktiengesellschaft, Brunswick, Germany. Photographic camera. 2,033,506; Mar. 10.
- Barényi, Árpád, Berlin-Lichterfelde, assignor to Voigtländer & Sohn Aktiengesellschaft, Brunswick, Germany. Photographic shutter. 2,035,684; Mar. 31.
- Barényi, Árpád, Berlin-Lichterfelde, assignor to Voigtländer & Sohn Aktiengesellschaft, Brunswick, Germany. Shutter for photographic cameras. 2,037,360; Apr. 14.
- Barényi, Árpád, Berlin-Lichterfelde, assignor to Voigtländer & Sohn Aktiengesellschaft, Brunswick, Germany. Photographic shutter. 2,047,662; July 14.
- Barényi, Árpád, Berlin-Lichterfelde, assignor to Voigtländer & Sohn Aktiengesellschaft, Brunswick, Germany. Roll film camera. 2,050,874; Aug. 11.
- Bares, Rudolph, assignor to Vortex Cup Company, Chicago, Ill. Cup dispenser. 2,037,752; Apr. 21.
- Bares, Rudolph, Chicago, Ill., assignor to Dixie-Vortex Company. Cup dispenser. 2,063,576; Dec. 8.
- Barfod, Frederick. (See Wirth, E. O., and Barfod.)
- Barfoed, Svend, San Francisco, Calif. Oil circuit breaker. 2,051,196; Aug. 18.
- Barfod, Frederick C., Columbus, Ohio, assignor to Pines Winterfront Company, Chicago, Ill. Shutter control for internal combustion engines. 2,038,821; Apr. 28.
- Barge Electric Shoe Cement Press, Inc. (See Barge, George H., assignor.)



- Barge Electric Shoe Cement Press, Inc. (See Haselier, Herman, assignor.)
- Barge Electric Shoe Cement Press, Inc. (See McCormick, William F., assignor.)
- Barge, George H., Jamaica, N. Y., assignor to Barge Electric Shoe Cement Press, Inc. Shoe bottom attaching apparatus. 2,042,378; May 26.
- Barge, George H., Jamaica, N. Y., assignor to Barge Electric Shoe Cement Press, Inc. Shoe sole attaching apparatus. 2,065,260; Dec. 22.
- Bargielewicz, Joseph, et al. (See Borowski, Peter, assignor.)
- Bargreen, Charles C., Streator, Ill. Expansion joint. 2,043,571; June 9.
- Baribeau, Roméo, Levis, Quebec, Canada. Measuring instrument. 2,048,989; July 28.
- Barill, Arthur E. H., and G. R. Tremolada, Los Angeles, Calif. Tape match dispenser and lighter. 2,034,079; Mar. 17.
- Barish, Thomas, assignor, by mesne assignments, to Marlin-Rockwell Corporation, Jamestown, N. Y. Bearing. 2,045,174; June 23.
- Barium Reduction Corporation. (See Pierce, James B., Jr., assignor.)
- Barkeij, Jean A. H., Altadena, Calif. Internal combustion engine. 2,048,051; July 21.
- Barkeij, Jean A. H., Altadena, Calif., assignor to G. C. Arvedson, New York, N. Y. Internal combustion engine. 2,034,368; Mar. 17.
- Barkeij, Jean A. H., Los Angeles, Calif., assignor to G. C. Arvedson, New York, N. Y. Internal combustion engine. 2,050,688; Aug. 11.
- Barkeij, Jean A. H., Altadena, Calif. Internal combustion engine. 2,063,362; Dec. 8.
- Barkelew, Charles S., Los Angeles, Calif. Switch box. 2,041,635; May 26.
- Barkelew, James T., et al. (See Simon, Alfred W., assignor.)
- Barkelew, James T., Pasadena, assignor to John Grant, Los Angeles, Calif. Well cleaning device. 2,048,095; July 21.
- Barkelew, James T., Pasadena, and H. E. Scantlebury, Altadena, assignors to John Grant, Los Angeles, Calif. Well cleaning device. 2,043,979; June 16.
- Barkelew, James T., Pasadena, and V. F. Ehr Gott, assignors to J. Grant, Los Angeles, Calif. Jar. 2,065,261; Dec. 22.
- Barkelew, James T., Pasadena, and V. F. Ehr Gott, assignors to J. Grant, Los Angeles, Calif. Rotary jar. 2,065,262; Dec. 22.
- Barker, Andrew S., Palmyra, N. J. Furnace wall structure. 2,059,766; Nov. 3.
- Barker, Charles B., Aurora, Ill. Iron attachment. 2,031,026; Feb. 18.
- Barker, Charles E., San Francisco, Calif. Table leg length equalizer. 2,055,715; Sept. 29.
- Barker, Edwin H., Moylan, assignor to A. H. Wirz, Inc., Chester, Pa. Hopper for slugs or caps. 2,033,090; Mar. 3.
- Barker, Frederic R., Georgetown, Mass. Pencil. 2,026,815; Jan. 7.
- Barker, George A., Rochester, N. Y. Windshield cleaning device. 2,027,365; Jan. 14.
- Barker, George A., Rochester, N. Y. Crank case ventilation. 2,029,216; Jan. 28.
- Barker, Harry. (See Douglas, E. R., Heins, and Edel, assignors.)
- Barker, Horace R., Springfield, Mass. Fluid discharge device. 2,054,964; Sept. 22.
- Barker, Jesse W., Geneva, N. Y. Safety device. 2,043,365; June 9.
- Barker, Lyle M. (See Fowler, M. G., and Barker.)
- Barker, Maurice E., Edgewood, Md., assignor of one-fifth to Semmes and Semmes, Washington, D. C. Accelerating the aging of distilled alcoholic spirits. 2,055,060; Sept. 22.
- Barker, Norman M., Wadsworth, Ohio. Momentum measuring apparatus for golf practice and the like. 2,047,402; July 14.
- Barker, Pierce, Highland Park, Mich., assignor to Federated Metals Corporation, New York, N. Y. Metallurgical furnace. 2,051,463; Aug. 18.
- Barker, Robert W., Ardmore, Pa. Crankpin truing device. 2,051,070; Aug. 18.
- Barker, Stacey, Superior, Nebr., assignor to Cherry-Burrell Corporation, Chicago, Ill. Filter. 2,064,403; Dec. 15.
- Barker, Virgil D., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Measuring apparatus. 2,030,956; Feb. 18.
- Barker, William T., Jr., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Glass level indicator. 2,053,938; Sept. 8.
- Barks, Frank S., St. Louis, and A. P. Fox, University City, assignors to Lincoln Engineering Company, St. Louis, Mo. Dispensing apparatus. 2,057,874; Oct. 20.
- Barks, Frank S., St. Louis, A. P. Fox, University City, and W. Z. Linders, Normandy, assignors to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,060,456; Nov. 10.
- Barler, Richard C., and C. Burkhard, Goshen, Ind., assignors to Continental Scale Works, Chicago, Ill. Weighing scale. 2,066,243; Dec. 29.
- Barley, Lucile B., Harlingen, Tex. Brassière. 2,057,224; Oct. 13.
- Barlow, Harry, and T. Birkland, Port Blakely, Wash. Ship's lifesaving device. 2,060,792; Nov. 17.
- Barlow, Horace. (See Sosson, C. E., and Barlow.)
- Barlow, Owen. (See Ensign, F. H., and Barlow.)
- Barmer Maschinenfabrik, Aktiengesellschaft. (See Bochmann, O., and Vollenbroich, assignors.)
- Barnack, Oskar, assignor to Ernst Leitz, Optische Werke G. m. b. H., Wetzlar, Germany. Coupling for distance meters and objectives of photographic cameras. 2,038,261; Apr. 21.
- Barnack, Oskar, assignor to Ernst Leitz Optische Werke, Wetzlar, Germany. Cinematographic and photographic camera. 2,041,632; May 19.
- Barnack, Oskar, assignor to Ernst Leitz G. m. b. H., Wetzlar, Germany. Photographic camera. 2,041,633; May 19.
- Barnard, Arthur E., Waterbury, and W. E. Messer, Cheshire, Conn., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Mixtures of natural rubber latex and aqueous dispersions of reclaimed rubber. 2,044,046; June 16.
- Barnard, Earl W., assignor to Morris Paper Mills, Morris, Ill. Setting-up collapsible containers. 2,031,090; Feb. 18.
- Barnard, Edward R. (See Eastman, E. C., and Barnard.)
- Barnard, Randolph H., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Machine for forming glass articles. 2,038,519; Apr. 28.
- Barnby, Herbert A., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Container and closure device therefor. 2,044,602; June 16.
- Barnby, Herbert A., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Container. 2,049,795; Aug. 4.
- Barnecott, Charles F., New York, N. Y., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Delivery apparatus. 2,053,315; Sept. 8.
- Barner, Lawrence D., Houston, Tex. Valve mechanism. 2,063,655; Dec. 8.
- Barnes, Alexander, Carthage, Mo. Blade sharpening machine. 2,038,470; Apr. 21.
- Barnes, Allen L., Oak Park, assignor to J. H. Hinshaw, Wilmette, Ill., as trustee. Differential mechanism. 2,053,125; Sept. 1.
- Barnes, Allen L., Oak Park, assignor to J. H. Hinshaw, Trustee, Wilmette, Ill. Stereoscopic projection. 2,053,689; Sept. 8.
- Barnes, Charles E., Philadelphia, Pa. Earring. 2,034,503; Mar. 17.
- Barnes, Darrel M., and H. D. Dwight, Portland, Oreg. Making photomat. 2,061,930; Nov. 24.
- Barnes Drill Company. (See Johnson, Albert M., assignor.)
- Barnes, Edmond G., Big Springs, Tex. Adjustable jack post bearing and belt tightener. 2,032,969; Mar. 3.
- Barnes, Frederick A., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Pressure-tight bearing. 2,042,166; May 26.
- Barnes, Frederick J. T., Brisbane, Australia. Cooling device for liquids. 2,060,014; Nov. 10.
- Barnes, George L., deceased, Los Angeles, Calif., M. O. Barnes, administratrix. Ground connector. 2,029,149; Jan. 28.
- Barnes, Gladeon M., United States Army, Hastings, Mich. Emplacing member for gun carriages and mounts. 2,030,051; Feb. 11.
- Barnes, Gladeon M., U. S. Army, Hastings, Mich. Piston. 2,035,450; Mar. 31.
- Barnes, Gladeon M., U. S. Army, Hastings, Mich. Gun carriage. 2,049,420; Aug. 4.
- Barnes, Gladeon M., Hastings, Mich. Track for track-laying vehicles. 2,065,508; Dec. 29.
- Barnes, Gladeon M., Hastings, Mich., and W. E. Preston, Aberdeen, Md. Suspension for vehicles. 2,060,015; Nov. 10.
- Barnes, Hope, executrix. (See Barnes, J. S., and Guirl.)
- Barnes, Howard C., Westfield, N. J., assignor to American Telephone and Telegraph Company. Meter for recording elapsed time. 2,048,052; July 21.
- Barnes, J. P., et al. (See Worden, Sam P., assignor.)
- Barnes, James L., Winslow, Ariz., assignor of one-half to T. G. Grieder, Winslow, Ariz. Cooling the lubricating oil in internal combustion engines. 2,063,782; Dec. 8.
- Barnes, John B., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of petroleum. 2,029,752; Feb. 4.
- Barnes, John S., deceased, by H. Barnes, executrix, and P. R. Guirl, assignors to W. F. & John Barnes Company, Rockford, Ill. Metal working apparatus. 2,030,562; Feb. 11.
- Barnes, John S., and P. R. Guirl, assignors to W. F. & John Barnes Company, Rockford, Ill. Metalworking apparatus. 2,042,379; May 26.
- Barnes, Lawrence J., Dee Why, New South Wales, Australia. Strap fastener. 2,030,563; Feb. 11.
- Barnes, Llewellyn T., Hempstead, N. Y. Piston ring. 2,052,160; Aug. 25.
- Barnes, Louis T. (See Hippen, R. W., and Barnes.)
- Barnes, Marne O., administratrix. (See Barnes, George L.)
- Barnes, Thomas D. (See Mylius, W. G., and Barnes.)
- Barnes Tool Company, The. (See Hammond, Grant, assignor.)
- Barnes, W. F. & John, Company. (See Barnes, J. S., and Guirl, assignors.)
- Barnes, W. F. & John, Company. (See Svenson, Ernest J., assignor.)



- Barnes, Wallace, Company. (See Cook, Raymond W., assignor.)
- Barnes, William B., Indianapolis, Ind. Oiling means for planetary transmission. 2,027,012; Jan. 7.
- Barnes, William B., Indianapolis, Ind. Transmission. 2,027,013; Jan. 7.
- Barnett, Charles R., deceased, Vineyard Haven, S. C. Luce, Jr., Tisbury, Mass., executor. Furnace control. 2,058,945; Oct. 27.
- Barnett, Harold M., Cleveland, W. O. Frohring, Shaker Heights, and A. F. O. Germann, assignors to S. M. A. Corporation, Cleveland, Ohio. Extracting carotene. 2,032,165; Feb. 25.
- Barnett, Henry E., Summit, Miss. Window stop. 2,064,721; Dec. 15.
- Barnett, Henry W. (See Wood, A. B., and Barnett.)
- Barnett, Mathew C., Memphis, Tenn. Safety gas valve. 2,037,302; Apr. 14.
- Barnett, Walter, and A. R. O'Key, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N.J. Dispensing apparatus. 2,030,908; Feb. 18.
- Barney, Fred H. (See Goehring, E. E., Barney, and Gourley.)
- Barney, Fred H. (See Gourley, W. J., and Barney.)
- Barney, Fred H., and W. J. Gourley, Fort Worth, Tex. Pitman yoke. 2,050,553; Aug. 11.
- Barney, Fred H., and W. J. Gourley, Fort Worth, Tex. Drive head. 2,053,508; Sept. 8.
- Barney, Fred H., and W. J. Gourley, Fort Worth, Tex. Coupling device. 2,053,509; Sept. 8.
- Barney, Freeman. (See Lee, J. E., Gylleck, and Barney.)
- Barney, Freeman. (See Lee, James E. and J. W., Gylleck, and Barney.)
- Barney, Jerome, assignor to R. K. Laros Silk Company, Bethlehem, Pa. Thread-cleaning attachment for winding mechanism. 2,065,991; Dec. 29.
- Barnhart, Albert W., Youngstown, Ohio. Roller screen. 2,041,105; May 19.
- Barnhart, George. (See Calcott, W. S., Lubs, and Barnhart.)
- Barnhart, George E., Los Angeles, Calif. Golf club shaft. 2,050,554; Aug. 11.
- Barnhart, George E., Pasadena, Calif. Airfoil construction. 2,026,727; Jan. 7.
- Barnhart, George E., Pasadena, Calif. Airfoil construction for airplanes. 2,026,728; Jan. 7.
- Barnhart, George E., Pasadena, Calif. Method and machine for making tapered tubes. 2,029,552; Feb. 4.
- Barnhart, George E., Pasadena, Calif. Golf club. 2,034,936; Mar. 24.
- Barnhart, George E., Pasadena, Calif. Airplane construction. 2,041,688; May 26.
- Barnhart, John W., Bronxville, W. Baumbrucker, Jr., Hempstead, and W. G. Dodge, Flushing, N. Y., assignors to News Syndicate Co., Inc., New York, N. Y. Apparatus for determining the surface texture and finish of various materials. 2,036,315; Apr. 7.
- Barnhart, W. R., Jr. (See Ragan, Frederick H., assignor.)
- Barnhill, Thomas W. (See Lauer, Rudolph L., assignor.)
- Barnickol, Ferd, Jr., Tulsa, Okla. Coupling. 2,028,182; Jan. 21.
- Barnie, David A., Springfield, Mass. Air washing device. 2,031,027; Feb. 18.
- Barnitz, Emanuel B., Johnstown, Pa. Combination connector plug and switch. 2,059,926; Nov. 3.
- Barnsteiner, Alfons, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Humidity regulated drier. 2,050,254; Aug. 11.
- Barnsteiner, Alfons, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric range. 2,063,975; Dec. 15.
- Barnum, Leslie F., Detroit, Mich. Manufacturing paper tacking strips. 2,037,205; Apr. 14.
- Barnum, Leslie F., Detroit, Mich. Paper twisting machine. 2,051,674; Aug. 18.
- Barocas, Abraham J., Brooklyn, assignor to D. N. Barocas, New York, N. Y. Electric light holder, especially for holiday wreaths. 2,033,173; Mar. 10.
- Barocas, David N. (See Barocas, Abraham J., assignor.)
- Barok, George D., Columbus, Ohio. Indicator for game apparatus. 2,030,845; Feb. 18.
- Barol, Alfred, assignor to John Wyeth & Brother, Incorporated, Philadelphia, Pa. Combined eyecup and bottle closure. 2,065,501; Dec. 29.
- Baron, Jakob, Oppeln, Germany. Apparatus for packing rolls of coins. 2,048,210; July 21.
- Barothy, Charles F., Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Coin gauge. 2,064,286; Dec. 15.
- Barozzi, Guido E., Woodcliff, N. J. Dishwashing apparatus. 2,029,695; Feb. 4.
- Barozzi, Guido E., Woodcliff, N. J. Drying apparatus. 2,037,559; Apr. 14.
- Barr, Charles O., assignor to Sealzit Corporation, Chicago, Ill. Sealing device for refrigerating apparatus. 2,038,990; Apr. 28.
- Barr, Fred W., Yahk, British Columbia, Canada. File holder and guide. 2,038,628; Apr. 28.
- Barr, Harry F., C. F. Arnold, and J. F. Gordon, assignors to General Motors Corporation, Detroit, Mich. Crankcase ventilation. 2,056,762; Oct. 6.
- Barr, John L., Chevy Chase, Md. Parking device. 2,065,958; Dec. 29.
- Barr, John L., Chevy Chase, Md., and J. C. Houghton, Washington, D. C., said Houghton assignor to said Barr. Steering accessory. 2,047,818; July 14.
- Barr, Roy A., and J. A. Luke, Whittier, Calif.; said Luke assignor to said Barr. Exhaust oxidizing receiver. 2,037,692; Apr. 21.
- Barr Rubber Products Company, The. (See Lee, John J., assignor.)
- Barre, Emil, et al. (See Stauffer, C. F., and Budlong, assignors.)
- Barrell, William A., North Andover, Mass. Drier felt for paper machines and the like. 2,047,542; July 14.
- Barrell, William A., North Andover, Mass. Drier felt for paper machines and the like. 2,047,610; July 14.
- Barrentine, Thomas A., and C. M. Simmons, Greenwood, Miss. Farm tractor universal drawbar. 2,036,911; Apr. 7.
- Barrera, Frank, San Antonio, Tex. Bridle bit. 2,066,087; Dec. 29.
- Barret, William M., and R. H. Mayer, assignors to Engineering Research Corporation, Shreveport, La. Electrical apparatus for locating bodies having anomalous electrical admittances. 2,066,135; Dec. 29.
- Barrett, Abner J., Webster Groves, Mo. Filter tube. 2,057,814; Oct. 20.
- Barrett, Arthur M., Winnetka, assignor to The Barret Bindery Company, Chicago, Ill. Temporary binder. 2,034,171; Mar. 17.
- Barrett, Arthur M., and L. N. Udell, Chicago, Ill. Method of and apparatus for making ice. 2,031,812; Feb. 25.
- Barrett, Berton A., Tuckahoe, and G. E. Perreault, Bronxville, N. Y. Brake mechanism. 2,028,491; Jan. 21.
- Barrett Bindery Company, The. (See Barrett, Arthur M., assignor.)
- Barrett, Carl A., Chicago, Ill. Aircraft. 2,036,011; Mar. 31.
- Barrett, Charles A., Brighton, Mass. Cable grip. 2,035,446; Mar. 31.
- Barrett, Charles A., Brighton, Mass. Trestle ladder lock. 2,054,690; Sept. 15.
- Barrett, Charles D., Altoona, Pa. Friction unit for railway car trucks. 2,065,992; Dec. 29.
- Barrett, Charles E., assignor to Alexander Smith & Sons Carpet Company, Yonkers, N. Y. Pile fabric. 2,030,851; Feb. 18.
- Barrett, Charles G., Alexandria, Va. Razor blade sharpener. 2,053,690; Sept. 8.
- Barrett Company, The. (See Adams, Floyd W., assignor.)
- Barrett Company, The. (See Banta, Clifford, assignor.)
- Barrett Company, The. (See Bywater, Wilfred M., assignor.)
- Barrett Company, The. (See Cole, Percy J., assignor.)
- Barrett Company, The. (See Cowdery, Arthur B., assignor.)
- Barrett Company, The. (See Dillon, Joseph F., assignor.)
- Barrett Company, The. (See Drewsen, Pierre, assignor.)
- Barrett Company, The. (See Eckert, Clarence R., assignor.)
- Barrett Company, The. (See Ellms, Edward H., assignor.)
- Barrett Company, The. (See Gallaher, Alvan H., assignor.)
- Barrett Company, The. (See Hagens, J. L. C., Rosenstein, and Hirschkind, assignors.)
- Barrett Company, The. (See Harshberger, Norman P., assignor.)
- Barrett Company, The. (See Harvey, Edward W., assignor.)
- Barrett Company, The. (See Harvey, E. W., and Beekhuis, assignors.)
- Barrett Company, The. (See Holdsworth, Richard A., assignor.)
- Barrett Company, The. (See Hultberg, Gottfried, assignor.)
- Barrett Company, The. (See Kenney, John A., assignor.)
- Barrett Company, The. (MacCubbin, A. A., and Zavertnik, Jr., assignors.)
- Barrett Company, The. (See Meigs, Joseph V., assignor.)
- Barrett Company, The. (See Miller, Stuart P., assignor.)
- Barrett Company, The. (See Moses, F. G., Hess, and Perkins, assignors.)
- Barrett Company, The. (See Pearl, John W., assignor.)
- Barrett Company, The. (See Radasch, Arthur H., assignor.)
- Barrett Company, The. (See Reeve, Charles S., assignor.)
- Barrett Company, The. (See Robert, John, assignor.)
- Barrett Company, The. (See Smith, Daniel T., assignor.)
- Barrett Company, The. (See Weaver, Walter A., assignor.)
- Barrett Company, The. (See Woodcock, Joseph C., assignor.)
- Barrett Company, The. (See Yeager, Frank W., assignor.)
- Barrett Company, The. (See Yunik, Edward S., assignor.)
- Barrett, Edward L., assignor to Utah Radio Products Co., Chicago, Ill. Remote control for radio receiving sets. 2,046,910; July 7.
- Barrett, Edward L., assignor to Utah Radio Products Co., Chicago, Ill. Remote control device for radio receiving sets. 2,046,911; July 7.
- Barrett, Glenn J., assignor to American Seating Company, Grand Rapids, Mich. Supporting rack. 2,026,858; Jan. 7.
- Barrett, Glenn J., assignor to American Seating Company, Grand Rapids, Mich. Desk. 2,030,343; Feb. 11.
- Barrett, Harold J. (See Alvarado, A. M., and Barrett.)



- Barrett, Harold J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Finishing system. 2,063,078; Dec. 8.
- Barrett, Harold J., Wilmington, and W. A. Lazier, Marshallton, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Alicyclic carbinol esters of polycarboxylic acids and making the same. 2,047,663; July 14.
- Barrett, Harold J., Wilmington, and W. A. Lazier, New Castle County, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Naphthenyl esters of polycarboxylic acids and their production. 2,047,664; July 14.
- Barrett, Harold J., Wilmington, and E. F. Iazard, Elsmere, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ether alcohol esters of alicyclic carboxylic acids. 2,063,144; Dec. 8.
- Barrett, Harry B., Los Angeles, Calif. Combination precision grinder and calipers. 2,031,357; Feb. 18.
- Barrett, Herbert J. R., Laurelton, Long Island, N. Y. Wall construction. 2,042,290; May 26.
- Barrett, Joseph M., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Valve. 2,040,591; May 12.
- Barrett, Joseph M., East Cleveland, Ohio. Exhaust fan. 2,052,596; Sept. 1.
- Barrett, Leon, Philadelphia, Pa. Percolating unit. 2,055,061; Sept. 22.
- Barrett, Sidney R., Westfield, Mass. Insulated wire connector. 2,036,561; Apr. 7.
- Barrett, Walter A., Fort Wayne, Ind. Bottle filling and capping machine. 2,032,040; Feb. 25.
- Barrett, Wendell D., Cedar Rapids, and E. R. Greer, Minneapolis, Minn., assignor to La Plant-Choete Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Earth moving device. 2,059,431; Nov. 3.
- Barrett, William, International Falls, assignor to The Insulite Company, Minneapolis, Minn. Stapling machine. 2,052,440; Aug. 25.
- Barron, Abraham, Bronx, N. Y. Knock-down floor stand or similar article. 2,043,791; June 9.
- Barron, Anderson Company. (See Freda, V., Staffier, and Sunderland, assignors.)
- Barron, Edward T., Minneapolis, Minn. Automatic rip cord timer. 2,035,779; Mar. 31.
- Barron-Gray Packing Company. (See Erickson, A. M., and Gray, assignors.)
- Barron-Gray Packing Company. (See Gray, Herbert E., assignor.)
- Barrott, William E., Aurora, Ind. Volumetric liquid dispenser. 2,042,455; June 2.
- Barrow, James T., New York, N. Y. Automatic hydraulic valve for water heating systems. 2,045,823; June 30.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Journal box. 2,028,039; Jan. 14.
- Barrows, Donald S., assignor to The Symington Company, Rochester, N. Y. Draft rigging. 2,032,340; Feb. 25.
- Barrows, Donald S., assignor to The Symington Company, Rochester, N. Y. Cushioning mechanism. 2,032,341; Feb. 25.
- Barrows, Donald S., assignor to The Symington Company, Rochester, N. Y. Draft rigging. 2,039,268; Apr. 28.
- Barrows, Donald S., assignor to The Symington Company, Rochester, N. Y. Draft rigging. 2,039,269; Apr. 28.
- Barrows, Donald S., assignor to The Symington Company, Rochester, N. Y. Draft rigging. 2,039,270; Apr. 28.
- Barrows, Donald S., assignor to The Symington Company, Rochester, N. Y. Striking castings. 2,043,090; June 2.
- Barrows, Donald S., assignor to The Symington Company, Rochester, N. Y. Journal box. 2,043,091; June 2.
- Barrows, Donald S., assignor to The Gould Coupler Company, Rochester, N. Y. Cushioning mechanism. 2,051,024; Aug. 18.
- Barrows, Donald S., assignor to The Symington Company, Rochester, N. Y. Draft rigging. 2,053,939; Sept. 8.
- Barrows, Donald S., assignor to The Symington Company, Rochester, N. Y. Draft rigging. 2,055,275; Sept. 22.
- Barrows, Donald S., assignor to The Symington Company, Rochester, N. Y. Draft rigging. 2,055,472; Sept. 29.
- Barrows, Donald S., assignor to The Symington Company, Rochester, N. Y. Draft rigging. 2,055,473; Sept. 29.
- Barrows, Donald S., assignor to The Symington Company, Rochester, N. Y. Draft rigging. 2,059,962; Nov. 3.
- Barrows, Donald S., assignor to The Symington Company, Rochester, N. Y. Railway vehicle. 2,059,963; Nov. 3.
- Barrows, Donald S., and G. F. Couch, assignors to The Symington Company, Rochester, N. Y. Draft rigging. 2,039,266; Apr. 28.
- Barrows, George A., and C. Blackburn, Santa Ana, Calif. Safety spring cushion for glass. 2,032,344; Mar. 3.
- Barry, Edward R., Detroit, Mich., assignor to Gar Wood Industries, Inc. Tank truck and fluid circulating system. 2,060,484; Nov. 10.
- Barry, Gerald J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Indicating device for radio receivers. 2,041,106; May 19.
- Barry, James P., Piedmont, assignor to Hammond Lumber Company, San Francisco, Calif. Cooling tower. 2,060,275; Nov. 10.
- Barry, Leonard, Auckland, New Zealand. Trousers. 2,060,775; Nov. 10.
- Barry, Walter M., New York, N. Y. Lock guard. 2,049,796; Aug. 4.
- Barrymore, Orson C., San Francisco, Calif., assignor to A. E. Bodinson, Alameda, Calif. Vehicle for mixing concrete and like materials. 2,038,158; Apr. 21.
- Barsch, Guillaume, Paris, France. Holder for dental thread or floss. 2,047,456; July 14.
- Barske, Ulrich, assignor to F. Kruckenberg and C. Stedefeld, Hanover, Germany. Hydraulic transmission gear for land vehicles in particular railway vehicles. 2,063,145; Dec. 8.
- Barsky, George, New York, N. Y. Phenolic condensation products and producing same. 2,060,457; Nov. 10.
- Bart, Blasius, East Orange, N. J. Seamless tank. 2,029,011; Jan. 28.
- Bart, George F., Long Island City, N. Y. Package for radio tubes and the like. 2,054,235; Sept. 15.
- Bartels, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplifier circuits. 2,035,289; Mar. 24.
- Barth, Edwin J., Chicago, Ill., and R. P. Corlew, Hammond, Ind., assignors to Sinclair Refining Company, New York, N. Y. Lubricating oil. 2,059,192; Nov. 3.
- Barth, John, Cleveland, Ohio, assignor, by mesne assignments, to The Robar Company. Receptacle. 2,039,764; May 5.
- Barthel, Adolph. (See Fain, J. M., and Barthel.)
- Barthel, Hans, Cologne-Riehl, assignor of one-half to H. Huebner, Cologne-Dellbrück, Germany. Device for electrostatically charging materials. 2,049,940; Aug. 4.
- Barthel, Hermann, Schweinfurt-on-the-Main, Germany. Roller clutch. 2,044,197; June 16.
- Barthel, Otto F. (See Curcuro, Liborio L., assignor.)
- Barthélemy, Henri L., Rome, Ga., assignor to Tubize Chatillon Corporation. Artificial silk. 2,060,016; Nov. 10.
- Barthélemy, René, Fontenay Aux Roses, assignor to Compagnie pour la Fabrication des Compteurs et Matériel d'Usines à Gaz, Montrouge, France. Gaseous luminous lamp. 2,045,288; June 23.
- Barthélemy, René, Fontenay Aux Roses, assignor to Compagnie pour la Fabrication des Compteurs et Matériel d'Usines à Gaz, Montrouge, France. Receiving apparatus for television. 2,050,411; Aug. 11.
- Barthélemy, René, Fontenay aux Roses, assignor to Compagnie pour la Fabrication des Compteurs et Matériel d'Usines à Gaz, Montrouge, France. Telecinematographic emitter. 2,050,412; Aug. 11.
- Bartholomae, William, Brooklyn, assignor to Far-Zim Toy Manufacturing Co. Inc., New York, N. Y. Musical instrument. 2,055,474; Sept. 29.
- Bartholomaeus, Erich. (See Bockmühl, M., Persch, and Bartholomaeus.)
- Bartholomew, Frank J., Westfield, N. J., assignor to Chemical Construction Corporation, New York, N. Y. Production of SO<sub>2</sub> from acid sludge. 2,028,713; Jan. 21.
- Bartholomew, Frank J., Charlotte, N. C., assignor to Chemical Construction Corp., New York, N. Y. Production of sulphuric acid from high oil acid sludges. 2,049,243; July 28.
- Bartholomew, Frank J., Westfield, N. J., assignor to Chemical Construction Corporation, New York, N. Y. Conditioning acid sludge. 2,052,544; Sept. 1.
- Bartholomew, James A., Greenfield, Mass. Automatic leveling device. 2,037,057; Apr. 14.
- Bartholomew, Tracy, Pittsburgh, Pa. Manufacture of cast slag articles. 2,044,198; June 16.
- Bartholomew, Tracy, Pittsburgh, Pa. Treatment of slag. 2,044,199; June 16.
- Bartholowsky, Johannes, Los Angeles, Calif. Apparatus for producing perspectives. 2,031,358; Feb. 18.
- Bartimore, R. E., trustee. (See Bartimore, Roy E., assignor.)
- Bartimore, Roy E., Milwaukee, Wis., assignor to R. E. Bartimore, as Trustee. Door hinge. 2,048,725; July 28.
- Bartky, Walter, assignor to University of Chicago, Chicago, Ill. Star finder. 2,032,829; Mar. 3.
- Bartlett, C. O., & Snow Company, The. (See Goodell, F. H., and Ross, assignors.)
- Bartlett, Edward R., executor. (See Bartlett, Lawrence M.)
- Bartlett, Frank A., Northampton, Mass. Box. 2,032,903; Mar. 3.
- Bartlett, Frederick E., Modesto, Calif. Poultry drinking fountain. 2,034,968; Mar. 24.
- Bartlett Hayward Company, The. (See Ford, Thomas L., assignor.)
- Bartlett Hayward Company, The. (See Koether, Emil A., assignor.)
- Bartlett Hayward Company, The. (See Kuehn, Paul M., assignor.)
- Bartlett Hayward Company, The. (See Morton, Allen W., assignor.)
- Bartlett Hayward Company, The. (See Wagner, Frederick H., assignor.)
- Bartlett, Lawrence M., deceased, Buffalo, by E. R. Bartlett, executor, Bronxville, N. Y. Resilient support for engines. 2,060,604; Nov. 10.
- Bartley, John S. (See Huntley, G. J., and Bartley.)
- Bartling, Hermann, Bielefeld, Germany. Row of houses with displaced gangways. 2,026,664; Jan. 7.
- Bartlog, Charles, Milwaukee, Wis. Garment supporter. 2,036,674; Apr. 7.
- Bartol, George E., Jr., Wynnewood, Pa., assignor to C. Howard Hunt Pen Company, Camden, N. J. Cutter. 2,041,806; May 26.



- Barton, Armand, assignor of one-half to A. B. Drummond, Chicago, Ill. Cap. 2,032,521; Mar. 3.
- Barton, Charles W., New York, N. Y. Container. 2,028,751; Jan. 28.
- Barton, Charles W., New York, N. Y. Cartridge syringe. 2,032,559; Mar. 3.
- Barton, Chauncey C. (See Hall, G. W., and Barton.)
- Barton, Clarence H., Indianapolis, Ind., assignor, by mesne assignments, to W. C. Starkey, R. S. Pruitt, and W. H. Beal, trustees. Synchronizing mechanism. 2,043,692; June 9.
- Barton, Frank. (See Woodcock, R. B., and Barton.)
- Barton, Frederick C., Haddonfield, N. J., assignor to Radio Corporation of America, New York, N. Y. Forming phonograph records. 2,039,140; Apr. 28.
- Barton, James J., Youngstown, Ohio, and A. C. Clouse, assignors to The Fretz-Moon Tube Company, Inc., Butler, Pa. Automatic kick-off device. 2,057,131; Oct. 13.
- Barton, Jesse D., Columbia, S. C. Child's traveling com-mode. 2,046,805; July 7.
- Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Radioreceiver. 2,028,859; Jan. 28.
- Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Amplifier. 2,037,753; Apr. 21.
- Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Alternating current power supply system. 2,050,599; Aug. 11.
- Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Radio signaling system. 2,063,290; Dec. 8.
- Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Automatic volume control circuit. 2,063,577; Dec. 8.
- Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Power supply circuit. 2,066,170; Dec. 29.
- Barton, Paul D., Scarsdale, assignor to Alco Products Incorporated, New York, N. Y. Combined rectification and refrigeration process. 2,028,432; Jan. 21.
- Barton, Paul D. (See Banks, D. B., and Barton.)
- Barton, Vincent, Huntington, Ind. Pipe wrench. 2,063,220; Dec. 8.
- Barlow, John B., Blue Bell, Pa. Aeroplane lighting system. 2,064,722; Dec. 15.
- Bary, Victor A., London, England. Axle journal bearing. 2,059,167; Oct. 27.
- Bary, Victor A., London, England. Axle bearing. 2,063,020; Dec. 8.
- Bartram, Thomas W., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, Wilmington, Del. Stabilization of mineral oil compositions. 2,032,787; Mar. 3.
- Bartram, Thomas W., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, Wilmington, Del. Motor fuel composition. 2,055,810; Sept. 29.
- Bartram, Thomas W., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Motor fuel treating process and products obtained thereby. 2,062,201; Nov. 24.
- Bartram, William B., Ottawa, Ontario, Canada, and J. H. Larmuth, Hill Crest, Upper Colwyn Bay, North Wales. Machine for scutching short fibers of flax, jute, hemp, asbestos, and other short fibers. 2,044,460; June 16.
- Bartsch, Otto, assignor to the firm Jenaer Glaswerk Schott & Gen., Jena, Germany. Making ceramic objects. 2,043,222; June 9.
- Bartschi, Arnold. (See Barbey, J. W., and Bartschi.)
- Bartschi, Arnold G., Oakmont, and R. L. Huffine, Wynne-wood, Pa., assignors to J. Edwards & Co., Philadelphia, Pa. Shoe fitting index. 2,029,553; Feb. 4.
- Baruch, Hartwig N., White Marsh, and O. T. Amory, Newport News, and O. A. Bloxom, Battery Park, Va. Heating unit. 2,046,051; June 30.
- Baruch, Hartwig N., White Marsh, O. T. Amory, Newport News, and O. A. Bloxom, Battery Park, Va. Heating unit. 2,048,675; July 28.
- Baruch, Hartwig N., White Marsh, O. T. Amory, Newport News, and O. A. Bloxom, Battery Park, Va. Heating unit. 2,048,676; July 28.
- Baruch, Sydney N., New York, N. Y., assignor to Radio Corporation of America. Phase controlled oscillating system. 2,030,090; Feb. 11.
- Bary, Victor A., London, England. Seal for axle bearings. 2,036,453; Apr. 7.
- Bary, Victor A., London, England. Axle bearing for rail vehicles. 2,041,389; May 19.
- Bary, Victor A., London, England. Lubricated bearing for railroad vehicle axles. 2,041,390; May 19.
- Bary, Victor A., London, England. Lubricated axle bearing. 2,060,793; Nov. 17.
- Bary, Victor, R., Hendon, London, England. Axle bearing. 2,044,931; June 23.
- Barzen, Richard G., Kansas City, Mo. Self-priming pump. 2,041,586; May 19.
- Bar-Zim Toy Manufacturing Co. Inc. (See Bartholomae, William, assignor.)
- Basch, Eugen, assignor to Gallia Limited, London, England. Compositions for dyeing hair. 2,042,698; June 2.
- Bascom, Henry M., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Telephone system. 2,036,316; Apr. 7.
- Bascom, Henry M., Brooklyn, and O. A. Friend, New York, N. Y., assignors to American Telephone and Telegraph Company. Telephone system. 2,027,463; Jan. 14.
- Bäselser, Wolfgang, Munich, and K. Schieck, Frankfurt-on-the-Main, Germany, assignors, by mesne assignments, to The Lamson Company, Syracuse, N. Y. Device for the changing of switches. 2,054,027; Sept. 8.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake. 2,033,319; Mar. 10.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Clasp brake. 2,043,693; June 9.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Clasp brake. 2,055,959; Sept. 29.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake. 2,064,367; Dec. 15.
- Bashara, Samuel F., Houston, Tex. Heel cushion. 2,062,114; Nov. 24.
- Basher, Geoffrey G., Bakersfield, Calif. Oil well pump. 2,048,422; July 21.
- Bashor, Julius D., Port Jervis, N. Y. Carburetor. 2,027,263; Jan. 7.
- Bashur, Kenneth, Aurora, Colo. Ashtray. 2,044,377; June 16.
- Basic Metals Corporation. (See Svendsen, Svend S., assignor.)
- Basich, Nick. (See Wilson, Claud, assignor.)
- Basic Company, The. (See Herold, Walter F., assignor.)
- Baskin, Charles M., Montreal, Quebec, Canada, assignor to Standard Oil Development Company. Bituminous pavement and making the same. 2,062,348; Dec. 1.
- Baskin, Edwin T., Kansas City, Mo. Three fingered mitten. 2,027,084; Jan. 7.
- Baskin, Herbert K., Brooklyn, N. Y. Separable closure cap and locking member therefor. 2,058,206; Oct. 20.
- Bason, George L. (See Perry, Judson A., assignor.)
- Bass, Harry W. et al. (See McCarty, Madison P., assignor.)
- Bass, Shaller L., assignor to The Dow Chemical Company, Midland, Mich. Organic phosphates. 2,033,916; Mar. 17.
- Bassani, Laurent. (See Valentin, A., and Bassani.)
- Basse, Charles, Wichita, Kans. High tension electric circuit completing device. 2,056,118; Sept. 29.
- Bassett, Preston R., Rockville Center, and E. A. Sperry, Jr., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Attitude indicator for aircraft. 2,038,531; Apr. 28.
- Bassett, Preston R., Rockville Centre, and B. G. Carlson, Queens Village, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Inertia attitude indicator for aircraft. 2,066,193; Dec. 29.
- Bassi, Victor, et al. (See Dolan, J., and Granata, assignors.)
- Bassick Company, The. (See Claud-Mantle, Arthur, assignor.)
- Bassick Company, The. (See Herold, Walter F., assignor.)
- Bassick Company, The. (See Logie, Thomas T., assignor.)
- Bassick Company, The. (See Logie, T. T., and Claud-Mantle, assignors.)
- Bassick Company, The. (See Moore, Raymond G., assignor.)
- Bassick Company, The. (See Wiley, William R., assignor.)
- Bast, Frank J., Queens Village, and R. A. Skinner, New York, assignors to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Gas range. 2,063,834; Dec. 8.
- Bastian-Blessing Company. (See Buttner, W. C., and Levings, assignors.)
- Bastian-Morley Company. (See Lonergan, Simon J., assignor.)
- Bastin, Louis H. P., Bois-Colombes, assignor to Societe Generale Isothermos S. A., Paris, France. Bush. 2,041,107; May 19.
- Bastow, Lloyd W., South Portland, Maine. Combined label and can-opener holder. 2,027,624; Jan. 14.
- Bata, Jan A., Zlin, Czechoslovakia. Machine for pulling shoes off the last. 2,062,083; Nov. 24.
- Batchelder, Stanley L. (See Howe, P. D., and Batchelder.)
- Batchell, George W., Toledo, Ohio. Leer. 2,045,259; June 23.
- Batchell, George W., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Shield for glass tank feeding shelves. 2,051,238; Aug. 18.
- Batcheller, Clements, Glens Falls, N. Y. Forming sheet products. 2,039,619; May 5.
- Batcheller, Clements, Portsmouth, N. H. Laminated roofing or sheet product. 2,041,041; May 19.
- Batchelor, Jamie H. (See Griffin, G. O., and Batchelor.)
- Batchelor, John C., Edgewater Park, N. J., assignor to Radio Corporation of America. Television receiving system. 2,051,632; Aug. 18.
- Batchelor, John C., Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Forming a screen on material. 2,062,853; Dec. 1.
- Batdorf, Charles S., Brooklyn, N. Y. Automatic telephone signal-transmitting method and device. 2,033,507; Mar. 10.
- Batdorf, Seymour, Lancaster, Pa., assignor to Liberty Can and Sign Company. Box. 2,064,241; Dec. 15.
- Bate, Russell O., Macedonia, Ohio. Weighing device. 2,056,997; Oct. 13.
- Bate, William N. (See Cheetham, T., and Goodwin, assignors.)



- Bateholts, Clinton, Hoosick Falls, N. Y. Electric clock. 2,063,976; Dec. 15.
- Bateholts, Clinton, assignor to Specialty Insulation Manufacturing Company, Inc., Hossick Falls, N. Y. Making weatherproof sockets. 2,040,235; May 12.
- Bateman, Arthur T. (See Roshirt, R. J., Bateman, and Irvine.)
- Bateman, Fred H., and I. Trolley, York, Pa. Assisted feed planter. 2,053,390; Sept. 8.
- Bateman, Ralph C., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Tire mold and making the same. 2,064,778; Dec. 15.
- Bateman, William H. (See Leach, R. W., and Bateman.)
- Bateman, William S., Jr. (See Richardson, R., and Bateman.)
- Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,033,674; Mar. 10.
- Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,033,675; Mar. 10.
- Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and sole therefor. 2,054,188; Sept. 15.
- Bates, Charles W., West Springfield, assignor to Blair Manufacturing Company, Springfield, Mass. Snow plow. 2,060,717; Nov. 10.
- Bates, Ellen S., et al. (See Hammers, James E. and B. F., and Buehler, assignors.)
- Bates, Frank, et al. (See Hammers, James E. and B. F., and Buehler, assignors.)
- Bates, Hamilton C., Chester, Conn. Folding receptacle. 2,045,575; June 30.
- Bates, Harry, assignor to Bates Laboratories, Inc., New York, N. Y. Typewriter. 2,038,073; Apr. 21.
- Bates, Harry, assignor to Bates Laboratories, Inc., New York, N. Y. Typewriter. 2,041,736; May 26.
- Bates, Harry, assignor to Bates Laboratories, Inc., New York, N. Y. Noiseless typewriter. 2,060,718; Nov. 10.
- Bates, Harry, assignor to Bates Laboratories, Inc., New York, N. Y. Noiseless typewriter. 2,060,719; Nov. 10.
- Bates, Harry, assignor to Bates Laboratories, Inc., New York, N. Y. Toy typewriter. 2,061,342; Nov. 17.
- Bates, Harry C., assignor to Corning Glass Works, Corning, N. Y. Pipe joint. 2,038,629; Apr. 28.
- Bates, John B., assignor to Titemite Alloys Corporation, Euclid, Ohio. Aluminum alloy. 2,041,042; May 19.
- Bates Laboratories, Inc. (See Bates, Harry, assignor.)
- Bates, Lloyd G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for and method of feeding molten glass. 2,041,222; May 19.
- Bates, Lloyd G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for manufacturing bottles and similar articles of hollow glassware. 2,047,173; July 14.
- Bates, Mortimer F. (See Sperry, E. A., Jr., Carlson, and Bates.)
- Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Temperature compensated gyroscope. 2,047,186; July 14.
- Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic spiraling device for aircraft. 2,066,194; Dec. 29.
- Bates, Ralph I., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Valve for shock absorbers. 2,026,769; Jan. 7.
- Bates, Robert, Athens, Tenn. Game apparatus. 2,066,244; Dec. 29.
- Bates, Sidney E., assignor to Maintenance Equipment Company, Chicago, Ill. Rail and flange lubricator. 2,027,414; Jan. 14.
- Bates, Sidney E., and E. Overmeier, assignors to Maintenance Equipment Company, Chicago, Ill. Lubricant supply device for rail lubricators. 2,055,140; Sept. 22.
- Bates, Sidney Q., Houston, Tex. Plug back tool for cementing wells. 2,064,336; Dec. 15.
- Bates, William W., Dayton, Ohio. Collapsible swing. 2,044,964; June 23.
- Bath, John, and Company. (See Bath, John, and S. W., assignors.)
- Bath, John and S. W., Shrewsbury, assignor to John Bath & Company, Worcester, Mass. Work table and feeding mechanism therefor. 2,061,448; Nov. 17.
- Bath, Stanley W. (See Bath, John, and S. W.)
- Bathiany, Albert E., Jr. (See Miles, George E. and E. C., and Bathiany.)
- Baticle, Louis U. E. A., Paris, France. Gravity dam. 2,058,979; Apr. 28.
- Baticle, Louis U. E. A., Paris, France. Suspension bridge. 2,062,983; Dec. 1.
- Baticle, Louis U. E. A., Paris, France. Suspension bridge. 2,062,984; Dec. 1.
- Baticle, Louis U. E. A., Paris, France. Suspension bridge. 2,062,985; Dec. 1.
- Batman, Lloyd D. (See Henry, C. P., and Batman, assignors.)
- Batsel, Cecil N., Collingswood, and E. W. Kellogg, Moorestown, N. J., assignors to Radio Corporation of America. Phonophotographic apparatus. 2,031,813; Feb. 25.
- Batsel, Cecil N., Collingswood, and I. J. Larson, Oaklyn, N. J., assignors to Radio Corporation of America. Film gate. 2,032,393; Mar. 3.
- Battee, Elvin L., Sacramento, Calif. Universal joint unit. 2,037,303; Apr. 14.
- Battegay, Martin, Mulhouse, France, assignor to The Calco Chemical Company, Inc., Bound Brook, N. J. Preparation of the ether hydrochlorides of pseudourea. 2,039,514; May 5.
- Battelle Memorial Institute, The. (See Williams, C. E., Krause, and Lorig, assignors.)
- Battenfield, Daniel R., assignor to Moore Dry Kiln Company, Jacksonville, Fla. Dry kiln. 2,055,834; Sept. 29.
- Batterman, Elmer F. (See Verderber, J., and Batterman.)
- Battery Patents Corporation. (See Lewis, George S., assignor.)
- Batley, Alexander J. (See Rabezzane, H., and Batley.)
- Batley, Edith C., administratrix. (See Batley, Sumter B.)
- Batley, Sumter B., deceased, New York, N. Y., E. C. Batley, administratrix. Ejector mechanism. 2,033,174; Mar. 10.
- Battin, Cora B., Avenel, N. J. Garment clasp. 2,053,651; Sept. 8.
- Battin, Cora B., Avenel, N. J. Garment clasp. 2,063,021; Dec. 8.
- Battle Creek Bread Wrapping Machine Company. (See Littlefield, Carl, assignor.)
- Battles, Stewart S., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Laminated metal barrel. 2,043,694; June 9.
- Bauch, George J., Milwaukee, Wis. Bottle opener and sealer. 2,041,391; May 19.
- Bauch, William H., Shelbyville, assignor to P. W. Cornelius, Indianapolis, Ind., doing business under name and style of Cornelius Engineering Company. Portable motion picture projector. 2,038,520; Apr. 28.
- Bauer Brothers Company, The. (See Woodruff, M. D., Mechlin, and Markley, assignors.)
- Bauer, David M. (See Birdsell, D. C., and Bauer.)
- Bauer, Edward G., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Green corn husker. 2,056,556; Oct. 6.
- Bauer, Edward G., and P. L. Angel, Pomona, Calif. Micrometer attachment. 2,062,961; Dec. 1.
- Bauer, Ernest K., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Hand spreader for placing an adhesive on the back of carpets and rugs. 2,027,331; Jan. 7.
- Bauer, Ernest K., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Machine for making pile fabrics. 2,063,221; Dec. 8.
- Bauer, George, assignor to New England Novelty Company, Leominster, Mass. Method and apparatus for cutting phenolic resin. 2,049,412; Aug. 4.
- Bauer, Gustav F. C., Tonawanda, assignor to National Police Signal Company, Buffalo, N. Y. Police signal system. 2,057,656; Oct. 20.
- Bauer, Hans, New York, N. Y. Remote tuning system for radio receivers. 2,048,772; July 28.
- Bauer, Harry E., Milwaukee, M. L. Fyke, South Milwaukee, T. Davidson, Milwaukee, and B. L. Lonngren, South Milwaukee, assignors to Bucyrus-Erie Company, South Milwaukee, Wis. Creeping traction. 2,035,858; Mar. 31.
- Bauer, Hugo. (See Kolle, W., Hallensleben, Streitwolf, and Bauer.)
- Bauer, John, Chicago, Ill. Sheet holder. 2,027,625; Jan. 14.
- Bauer, Jordan V., assignor to Stein, Hall Manufacturing Company, Chicago, Ill. Making ply board. 2,051,025; Aug. 18.
- Bauer, Paul E., Westbury, N. Y. Telephone stand holder. 2,061,449; Nov. 17.
- Bauer, Paul S., Cambridge, assignor to North Shore News Co., Lynn, Mass. Temperature meter. 2,049,285; July 28.
- Bauer & Schaurte, Rheinische Schrauben u. Mutterfabrik A. G. (See Schaurte, W. T., and Thum, assignors.)
- Bauer, Stewart T. (See Ralston, A. W., and Bauer.)
- Bauer, Stewart T. (See Ralston, A. W., Christensen, and Bauer.)
- Bauer, Wilhelm. (See Lecher, H., Bauer, Zeh, and Bollweg.)
- Bauer, Wilhelm, Leverkusen-Wiesdorf, and B. Bollweg, Leverkusen, and L. Zeh, Leverkusen-Wiesdorf, Germany, assignors, by mesne assignments, to Durand & Huguenin, A.-G., Basel, Switzerland. Preparing stable sulphuric acid esters of leuco derivatives of vat dyestuffs. 2,033,118; Mar. 10.
- Bauer, Wilhelm, and L. Zeh, Wiesdorf, and B. Bollweg, Leverkusen-on-the-Rhine, Germany, assignors, by mesne assignments, to Durand & Huguenin A.-G., Basel, Switzerland. Manufacture of sulphuric acid esters of leuco derivatives of vat dyestuffs. 2,035,361; Mar. 24.
- Bauer, Wilhelm, and L. Zeh, Wiesdorf, and B. Bollweg, Leverkusen-on-the-Rhine, Germany, assignors, by mesne assignments, to Durand & Huguenin, A.-G., Basel, Switzerland. Manufacture of stable sulphuric acid esters of leuco derivatives of vat dyestuffs. 2,035,362; Mar. 24.
- Bauer, William J., assignor to R. Lederfeind, New York, N. Y. Dispensing top for powder holders. 2,035,290; Mar. 24.
- Bauer, William J., New York, assignor to Laundry Equipment Corporation, Brooklyn, N. Y. Method of and apparatus for applying starch. 2,057,509; Oct. 13.
- Bauer, William G., New York, N. Y. Eyelid cap. 2,044,965; June 23.
- Bauer, William G., New York, N. Y. Eyelid cap. 2,061,183; Nov. 17.



- Bauerle, Charles E. (See Ward, W. J., Bauerle, and Dalrymple.)
- Baugh, John H., Chattanooga, Tenn., assignor to Hemp-hill Company, Central Falls, R. I. Hosiery and mak-ing the same. 2,044,966; June 23.
- Baugh, William H., et al. (See Robinson, William A., assignor.)
- Baughman, George W. (See Logan, J. W., Jr., and Baugh-man.)
- Baughman, George W., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric cable. 2,027,222; Jan. 7.
- Baughman, George W., Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control circuit for electric brakes. 2,032,106; Feb. 25.
- Baughman, George W., Edgewood, assignor to The West-inghouse Air Brake Company, Wilmerding, Pa. Speed controlled brake. 2,045,175; June 23.
- Baughman, George W., Edgewood, assignor to The West-inghouse Air Brake Company, Wilmerding, Pa. Retardation control equipment. 2,048,318; July 21.
- Baughman, George W., Edgewood, assignor to The West-inghouse Air Brake Company, Wilmerding, Pa. Electric brake device. 2,052,199; Aug. 25.
- Baughman, George W., Edgewood, assignor to The West-inghouse Air Brake Company, Wilmerding, Pa. Retardation controller. 2,052,205; Aug. 25.
- Baughman, George W., Edgewood, assignor to The West-inghouse Air Brake Company, Wilmerding, Pa. Elec-tropneumatic brake. 2,061,890; Nov. 24.
- Baughman, Thomas A. (See Attwood, N. H., Munch, Lickert, and Baughman.)
- Baule, Gerhard H. J., assignor of one-half to Grace I. Haley, Syracuse, N. Y. Automatic change speed trans-mission gearing. 2,064,646; Dec. 15.
- Baule, Gerhard H. J., assignor of one-half to G. I. Hale, Syracuse, N. Y. Automatic transmission. 2,065,040; Dec. 22.
- Baum, August A., New York, N. Y. Milk bottle safe. 2,037,361; Apr. 14.
- Baum, Erich. (See Herrmann, W. O., and Baum.)
- Baum, John L., Ephrata, Pa. Clothes hanger. 2,032,246; Feb. 25.
- Baum, William J., and W. O. Wilson, Jackson, Tenn. Brake. 2,046,806; July 7.
- Bauman, Harry G., Chicago, Ill. Tube evacuator and sev-ering device. 2,066,245; Dec. 29.
- Bauman, John J., Springfield, Mass., assignor to West-inghouse Electric & Manufacturing Company, East Pitts-burgh, Pa. Refrigerator control apparatus. 2,035,291; Mar. 24.
- Bauman, Louis C., St. Joseph, Mo. Wing target apparatus. 2,058,289; Oct. 20.
- Baumann, Henry N., Jr. (See Benner, R. C., and Bau-mann.)
- Baumann, Henry N., Jr. (See Benner, R. C., Baumann, and Easter.)
- Baumann, Henry N., Jr. (See Blau, H. H., and Baumann.)
- Baumann, Henry N., Jr., and J. P. Swentzel, Niagara Falls, N. Y., and I. M. Logan, Niagara Falls, Ontario, Canada, assignors to The Carborundum Company, Niagara Falls, N. Y. Insulating casting. 2,062,962; Dec. 1.
- Baumann, Karl, Wilmslow, England, assignor to General Electric Company. Multistage rotary compressor. 2,042,496; June 2.
- Baumann, Karl, Urmlston, and H. Sinclair, Surbiton Hill, England. Hydraulic coupling. 2,031,521; Feb. 18.
- Baumann, Werner, Paris, France. Quick firing arm. 2,042,449; June 2.
- Baumbach, Emil A., Chicago, Ill. Combined drill and bor-ing tool. 2,050,413; Aug. 11.
- Baumbrucker, William, Jr. (See Barnhart, J. W., Baum-brucker, and Dodge.)
- Baumeister, Paul A., Flushing, and A. D. Saunders, Great Neck, assignors to The Arthur A. Johnson Corporation, Long Island City, N. Y. Dust remover for drills and the like. 2,041,689; May 26.
- Baumeister, Paul A., Flushing, and A. D. Saunders, Great Neck, assignors to The Arthur A. Johnson Corporation, Long Island City, N. Y. Pneumatic drill. 2,041,690; May 26.
- Baumer, Norbert J., Baltimore, Md. Candle lamp. 2,050,151; Aug. 4.
- Baumert, Karl, and P. Chapman, Elizabethton, Tenn., as-signors to North America Rayon Corporation, New York, N. Y. Pressure gauge. 2,034,646; Mar. 17.
- Baumes, Floyd T., Denver, Colo. Siphonproof gasoline tank. 2,043,223; June 9.
- Baumgardner, Carl, Lakewood, Ohio. Casket truck. 2,049,683; Aug. 4.
- Baumgardner, Versal F., Celina, Ohio. Spreading ma-chine. 2,046,603; July 7.
- Baumgardner, Versal F., Celina, Ohio. Hitch means. 2,050,518; Aug. 11.
- Baumgarten, Arthur W., Joliet Township, Will County, and H. S. Pardee, Ravinia, assignors, by mesne assign-ments, to Hydromatic Corporation, Chicago, Ill. Trol-ley collector. 2,063,291; Dec. 8.
- Baumgarten, Leopold, Washington, D. C., assignor to The Hill-Independent Mfg. Company, Philadelphia, Pa. Ink-ing attachment for hand stamps. 2,038,338; Apr. 21.
- Baumgarten, Richard. (See Salzberger, A., and Baum-garten, assignors.)
- Baumgartner, Emil, Bienne, Switzerland. Change speed. 2,047,174; July 14.
- Baumgartner, Emil, Bienne, Switzerland. Change speed. 2,049,103; July 28.
- Baumgärtner, Wilhelm, assignor to P. Franke and R. Heidecke, Brunswick, Germany. Device for parallax adjustment in photographic cameras. 2,048,773; July 28.
- Baumbauer, Louie G., Birmingham, Ala. Roofing ridge roll. 2,040,290; May 12.
- Baumheckel, William M., Connersville, Ind. Internal com-bustion engine. 2,043,146; June 2.
- Bauml, Jacques M., assignor, to Armand Zouckermann, Paris, France. Advertising apparatus. 2,065,959; Dec. 29.
- Bäuml, Johannes. (See Bäuml, Maximilian, assignor.)
- Bäuml, Maximilian, assignor of one-half to Johannes Bäuml, Vienna, Austria. Measuring appliance. 2,065,960; Dec. 29.
- Baumwell, Joseph, Chicago, assignor to H. D. Medbery, Oak Park, Ill. Surgical dressing. 2,052,072; Aug. 25.
- Baur, Karl, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to Union Carbide and Carbon Cor-poration. Making products including aliphatic alde-hydes. 2,031,200; Feb. 18.
- Baur, V. R. (See Nagy, Stephen A., assignor.)
- Baur, William R., Philadelphia, Pa. Decorative article and producing same. 2,056,151; Oct. 6.
- Bauriedel, Gotthard. (See Hartman, A., and Bauriedel.)
- Bauriedel, Gotthard, and E. Knehe, Barmen, Germany, assignors to American Bemberg Corporation, New York, N. Y. Production of artificial silk by the stretch spin-ning process. 2,027,895; Jan. 14.
- Bauroth, Walter J., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Fuse and switch receptacle. 2,026,957; Jan. 7.
- Bausch, Carl L., assignor to Bausch & Lomb Optical Com-pany, Rochester, N. Y. Ophthalmic lens and making same. 2,057,179; Oct. 13.
- Bausch, Carl L., assignor to Bausch & Lomb Optical Com-pany, Rochester, N. Y. Ophthalmic lens and making same. 2,065,502; Dec. 29.
- Bausch, Edward, and H. F. Kurtz, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Projection apparatus. 2,064,368; Dec. 15.
- Bausch & Lomb Optical Company. (See Bausch, Carl L., assignor.)
- Bausch & Lomb Optical Company. (See Bausch, E., and Kurtz, assignors.)
- Bausch & Lomb Optical Company. (See Bausch, William, assignor.)
- Bausch & Lomb Optical Company. (See Bouchard, Samuel E., assignor.)
- Bausch & Lomb Optical Company. (See Diggins, Bartholo-mew A., assignor.)
- Bausch & Lomb Optical Company. (See Ellestad, Ger-hard A., assignor.)
- Bausch & Lomb Optical Company. (See Ellestad, G. A., and Salmon, assignors.)
- Bausch & Lomb Optical Company. (See Fassin, Gustave, assignor.)
- Bausch & Lomb Optical Company. (See Forrest, J. W., and Fassin, assignors.)
- Bausch & Lomb Optical Company. (See Foster, Leon V., assignor.)
- Bausch & Lomb Optical Company. (See Foster, L. V., and Kurtz, assignors.)
- Bausch & Lomb Optical Company. (See Gallasch, George B., assignor.)
- Bausch & Lomb Optical Company. (See Hamilton, Fred-erick, assignor.)
- Bausch & Lomb Optical Company. (See Hubbell, Daniel D., assignor.)
- Bausch & Lomb Optical Company. (See Kramer, Cletus F., assignor.)
- Bausch & Lomb Optical Company. (See McCabe, Joseph J., assignor.)
- Bausch & Lomb Optical Company. (See Newell, Howard J., assignor.)
- Bausch & Lomb Optical Company. (See Reh, Edward J., assignor.)
- Bausch & Lomb Optical Company. (See Salmon, Chester G., assignor.)
- Bausch & Lomb Optical Company. (See Scott, Murray R., assignor.)
- Bausch & Lomb Optical Company. (See Simpson, Leon G., assignor.)
- Bausch & Lomb Optical Company. (See Sterling, Scott, assignor.)
- Bausch & Lomb Optical Company. (See Trautmann, Otto E., assignor.)
- Bausch, William, assignor to Bausch & Lomb Optical Com-pany, Rochester, N. Y. Making ophthalmic lenses. 2,026,606; Jan. 7.
- Bausch, William, assignor to Bausch & Lomb Optical Com-pany, Rochester, N. Y. Manufacture of ophthalmic lenses. 2,059,767; Nov. 3.
- Bavin, George D., Los Angeles, and M. Powell, San Gabriel, assignors to Specialty Sales Corporation, Ltd., Los Angeles, Calif. Dehydrating oil emulsions. 2,056,668; Oct. 6.
- Bax, Lionel D., Denver, Colo. Piston ring. 2,042,820; June 2.
- Baxendale, Samuel, Dearborn, Mich. Feed collet. 2,037,304; Apr. 14.
- Baxenden, Thomas G. (See Collyear, John R., assignor.)



- Baxter, Berry A., assignor to G. C. Baxter, Altadena, Calif. Vacuum cleaner. 2,030,133; Feb. 11.
- Baxter, Don, Inc. (See Edwards, Hiram W., assignor.)
- Baxter, Don, Inc., trustee. (See Edwards, Hiram W., assignor.)
- Baxter, Donald L., Rutherford, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Wire connecting sleeve. 2,062,986; Dec. 1.
- Baxter, Gladys C. (See Baxter, Berry A., assignor.)
- Baxter, Howard F., assignor to Baxter Laundries Corporation, Grand Rapids, Mich. Dial checked chart. 2,040,119; May 12.
- Baxter, John P., Widnes, England, assignor to Imperial Chemical Industries Limited. Manufacture of hydrochloric acid. 2,047,611; July 14.
- Baxter Laundries Corporation. (See Baxter, Howard F., assignor.)
- Baxter, Richard C., and L. D. Stewart, Electra, Tex. Naphtha cleaning plant. 2,051,126; Aug. 18.
- Baxter, William C., Newtown, Conn. Food product and making same. 2,065,550; Dec. 29.
- Baxter, William C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Slashing machine. 2,044,870; June 23.
- Baxter, William F., Beach Haven, N. J., assignor to Abercrombie & Fitch Company, New York, N. Y. Fishing harness. 2,060,751; Nov. 10.
- Bayer, Harry, New York, N. Y. Compact sun rest. 2,034,369; Mar. 17.
- Bayer, Ignatz, Detroit, Mich., J. Bayer, administrator of said Ignatz Bayer, deceased. Projector for surface projectiles. 2,048,915; July 28.
- Bayer, John, administrator. (See Bayer, Ignatz.)
- Bayer, Josef, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of oleum. 2,034,554; Mar. 17.
- Bayer, Joseph, Ludwigshafen-on-the-Rhine, A. Haltmeier, Cologne, and K. Henckv, Leverkusen, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Carrying out exothermic catalytic gas reactions. 2,029,604; Feb. 4.
- Bayer, Leo J., St. Louis, Mo. Boiler cleaner. 2,039,874; May 5.
- Bayer, Leo J., St. Louis, Mo. Boiler cleaner support. 2,051,069; Aug. 18.
- Bayer, Leo J., St. Louis, Mo. Soot blower. 2,059,193; Nov. 3.
- Bayer, Otto. (See Münz, F., and Bayer.)
- Bayer, Richard, Bochum-Gerthe, Germany, assignor to Friedrich Uhde, Dortmund, Germany. Reducing organic substances. 2,057,996; Oct. 20.
- Bayer-Semesan Company. (See Engelmann, Max, assignor.)
- Bayerdörfer, Otto, Stuttgart-Bad Cannstatt, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Lighting generator. 2,056,557; Oct. 6.
- Bayerische Stickstoff-Werke, Aktiengesellschaft. (See Heimann, Hugo, assignor.)
- Bayerl, Alfons. (See Kösslinger, K., and Bayerl.)
- Bayle, Russell M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motor control system. 2,032,107; Feb. 25.
- Bayles, Lewis C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock drill. 2,036,675; Apr. 7.
- Bayless, Frank B., Oil City, Pa., assignor to Oil Well Supply Company, Dallas, Tex. Straightening and testing long metal articles. 2,049,830; Aug. 4.
- Bayley Blower Company. (See Szekely, Ernest, assignor.)
- Bayley, Colin H. (See Cambron, A., and Bayley.)
- Bayley, Elden D. (See Bayley, William D., and E. D.)
- Bayley, Thomas W., Los Angeles, Calif. Abrasive article. 2,046,240; June 30.
- Bayley, William, Company, The. (See Bayley, William D., assignor.)
- Bayley, William, Company, The. (See Bayley, William D., and E. D., assignors.)
- Bayley, William D., assignor to The William Bayley Company, Springfield, Ohio. Detention window. 2,042,876; June 2.
- Bayley, William D., assignor to The William Bayley Company, Springfield, Ohio. Closure for detention window-guard assemblies. 2,064,334; Dec. 15.
- Bayley, William D., assignor to The William Bayley Company, Springfield, Ohio. Window assembly. 2,064,335; Dec. 15.
- Bayley, William D. and E. D., assignors to The William Bayley Company, Springfield, Ohio. Detention window. 2,043,207; June 2.
- Baylis, Daniel L. (See Angelus, L., and Baylis.)
- Baylocq, François. (See Berthélemy, P., and Baylocq.)
- Baynes, Edward C., Birmingham, Mich. Sheet metal nut and making same. 2,026,859; Jan. 7.
- Bay State Optical Company. (See Nerney, George E., assignor.)
- Bay State Optical Company. (See Sundstrom, Ivar, assignor.)
- Bays, George S., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Apparatus for treating petroleum emulsions. 2,056,763; Oct. 6.
- Bazeley, Arthur J., Shaker Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Uncoupling mechanism. 2,041,807; May 26.
- Bazeley, Arthur J., assignor to National Malleable & Steel Castings Company, Cleveland, Ohio. Uncoupling mechanism for railway cars. 2,051,361; Aug. 18.
- Bazeley, Arthur J., Shaker Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Uncoupling mechanism for car couplers. 2,051,362; Aug. 18.
- Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 2,029,304; Feb. 4.
- Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 2,029,305; Feb. 4.
- Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 2,059,303; Nov. 3.
- Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for operating on soles. 2,059,768; Nov. 3.
- Beach & Arthur, Inc. (See Arthur, William H., assignor.)
- Beach & Arthur, Incorporated. (See Shuey, Clarence L., assignor.)
- Beach, Clarence E., Brookline, assignor to The Gamewell Company, Newton, Mass. Multiconductor signaling system. 2,034,017; Mar. 17.
- Beach, Clarence E., Brookline, and F. E. Weld and G. E. King, Newton, assignors to The Gamewell Company, Newton Upper Falls, Mass. Electric switch. 2,038,405; Apr. 21.
- Beach, Frederick E. (See Schmidt, F. W., and Beach.)
- Beach, Frederick E., Detroit, assignor to Ryerson & Haynes, Inc., Jackson, Mich. Vehicle jacking structure. 2,054,568; Sept. 15.
- Beach, Norman F. (See Babcock, G. S., and Beach.)
- Beach, Norman F. (See McNally, J. G., and Beach.)
- Beach, Norman F., assignor to Eastman Kodak Company, Rochester, N. Y. Safe edge cup for immersion rolls in film coating machines. 2,033,676; Mar. 10.
- Beach, Norman F., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Making stripping film. 2,059,843; Nov. 3.
- Beach, Rex. (See Steinbach, Harry, assignor.)
- Beacom, Robert. (See Drissner, A. E., and Beacom.)
- Beacom, Robert. (See Hoisington, C. H., and Beacom.)
- Beacon Milling Company, The. (See Lee, Clarence E., assignor.)
- Bead Chain Manufacturing Company, The. (See Gagnon, Bernard E., assignor.)
- Beadle, Lynn C., assignor of one-half to K. B. Segall, Detroit, Mich. Float control. 2,029,405; Feb. 4.
- Beal, Carl L. (See Hansen, M. E., and Beal.)
- Beal, Carl L., Cuyahoga Falls, assignor to American Anode, Inc., Akron, Ohio. Rubber article. 2,041,737; May 26.
- Beal, Carl L., Cuyahoga Falls, assignor to American Anode, Inc., Akron, Ohio. Rubber thread and making the same. 2,061,749; Nov. 24.
- Beal, Fay, assignor to Kingston Products Corporation, Kokomo, Ind. Combined ignition and starter switch. 2,062,440; Dec. 1.
- Beal, George D., and R. B. McKinnis, Pittsburgh, Pa., assignors to Continental Can Company, Inc., New York, N. Y. Preparing fruit juices. 2,047,935; July 21.
- Beal, George F. (See Long, J. S., and Beal.)
- Beal, George P. (See Boswell, M. C., and Beal.)
- Beal, Walter H., trustee et al. (See Barton, Clarence H., assignor.)
- Beal, Walter H., trustee et al. (See Brownlee, Dalmar T., assignor.)
- Beal, Walter H., et al., trustees. (See Drexler, Charles, assignor.)
- Beal, Walter H., trustees, et al. (See Starkey, William C., assignor.)
- Beale, Lewis W., and J. E. Murphy, Vandergrift, Pa., assignors to American Sheet and Tin Plate Company. Cold rolling coated sheet metal. 2,059,304; Nov. 3.
- Beall, Charles R., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch circuit controller. 2,053,891; Sept. 8.
- Beall, Charles R., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,055,811; Sept. 29.
- Beall, Herbert W., assignor to Polly Prentiss Inc., Sumter, S. C. Machine for marking fabric. 2,054,591; Sept. 15.
- Beam, James R., assignor to Universal Sanitary Manufacturing Co., New Castle, Pa. Closet rim flush. 2,050,152; Aug. 4.
- Beam, Vilynn O. (See Branche, N. T., and Beam.)
- Beamer, Clayton M. (See Archibald, F. M., and Beamer.)
- Bean, Albert C., Kansas City, and J. B. Ray, Fort Worth, Tex. Tank. 2,041,392; May 19.
- Bean, Ernest D., Plattsburgh, N. Y. Solar compass. 2,032,462; Mar. 3.
- Bean, Francis A., assignor to International Milling Company, Minneapolis, Minn. Apparatus for handling bulk materials. 2,037,959; Apr. 21.
- Bean, Francis A., assignor to International Milling Company, Minneapolis, Minn. Apparatus for unloading cars. 2,058,125; Oct. 20.
- Bean, Louis A., Denver, Colo. Reflector. 2,035,215; Mar. 24.
- Beans, Hal T., Palisade, N. J., G. H. Walden, Jr., and L. P. Hammett, New York, N. Y. Phonograph record and making the same. 2,029,012; Jan. 28.
- Bear, Joseph et al. (See Vass, Joseph, assignor.)



- Bear, Joseph S., assignor of one-third to E. Schreiber, Detroit, Mich. Towel holder. 2,039,620; May 5.
- Bear, Paul S., Dowagiac, Mich., assignor of three-fourths to H. E. Bucklen, Jr., Elkhart, Ind. Condition controlled mechanism. 2,029,150; Jan. 28.
- Bear, Paul S., Dowagiac, Mich., and H. E. Bucklen, Elkhart, Ind., assignors, by mesne assignments, of one-fourth to said Bear and three-fourths to said Bucklen. Switch. 2,033,372; Mar. 10.
- Bear, Sidney Z., New Haven, Conn. Printing telegraph system. 2,058,398; Oct. 27.
- Bear, Stephen M. (See Butler, C. O., and Bear.)
- Bear-Stewart Co. (See Goodman, William L., assignor.)
- Bear, William L., Dayton, and G. R. Walker, Oakwood, Ohio. Nonglare reflector. 2,045,564; June 30.
- Beard, Earl E., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. 1-nitro-anthraquinonyl-6-amino compounds and their production. 2,043,985; June 16.
- Beard, Earl E., Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Carbon compounds of the anthraquinone series. 2,049,189; July 28.
- Beard, Earl E., South Milwaukee, and W. L. Rintelman, Carrollville, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of thiazole compounds. 2,028,118; Jan. 14.
- Beard, George A., San Angelo, Tex. Terracing and grading attachment for tractors. 2,063,537; Dec. 8.
- Beard, James A., Jr., Mishawaka, Ind. Mat. 2,054,668; Sept. 15.
- Beard, Joseph G., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Crystal holder. 2,044,145; June 16.
- Beard, Lawrence O., Lancaster, Pa. Refacing tool for valve seats. 2,041,587; May 19.
- Beard, Lawrence O., Lancaster, Pa. Tool for removing ridges from cylinder walls. 2,046,241; June 30.
- Beard, Leslie C., Jr. (See Rather, J. B., Beard, and Reiff.)
- Beard, Leslie C., Jr., Brooklyn, assignor to Socony-Vacuum Oil Company Incorporated. Preparing lubricants. 2,065,551; Dec. 29.
- Beard, Myron G., Farmingdale, N. Y., assignor, by mesne assignments, to Curtiss Aeroplane & Motor Company, Inc. Heating and ventilating system for aircraft. 2,050,240; Aug. 11.
- Beard, Robert E. (See Diggs, S. H., Beard, and Page.)
- Beard, Stanley D., assignor to Lederle Laboratories, Inc., Pearl River, N. Y. Antitoxin. 2,057,623; Oct. 13.
- Beard, Theodore H., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Sound-box construction. 2,036,980; Apr. 7.
- Beard, Theodore H., L. D. Norton, and J. E. Renholdt, Bridgeport, Conn., assignors to Dictaphone Corporation, New York, N. Y. Cabinet for phonographs. 2,051,792; Aug. 18.
- Beard, Theodore H., and J. E. Renholdt, Bridgeport, Conn., assignors to Dictaphone Corporation, New York, N. Y. Correction device. 2,055,141; Sept. 22.
- Beardmore, Herbert F., Oklahoma City, Okla., assignor of one-half to Indian Territory Illuminating Oil Company, Bartlesville, Okla. Apparatus for flowing wells. 2,029,457; Feb. 4.
- Beardslee, Robert W. (See Michalski, Bruno, assignor.)
- Beardsley, Alling P. (See Berry, G. A., and Beardsley.)
- Beardsley, Alling P., Plainfield, assignor to The Calco Chemical Company, Inc., Bound Brook, N. J. Process and apparatus for vapor phase catalyses. 2,042,922; June 2.
- Beardsley & Piper Company, The. (See Arbuckle, Randolph, assignor.)
- Beardsley & Piper Company, The. (See Piper, Walter F., assignor.)
- Beardsley, Robert O., assignor to Jones & Lamson Machine Company, Springfield, Vt. Attachment for comparators. 2,031,201; Feb. 18.
- Beardsley, Robert O., E. T. Bysshe, and R. R. Finn, assignors to Jones & Lamson Machine Company, Springfield, Vt. Comparator. 2,035,780; Mar. 31.
- Beardsley, Wilson H., Houston, Tex., assignor to Sinclair Refining Company, New York, N. Y. Refining of South Texas lubricating oil. 2,029,605; Feb. 4.
- Beardsley & Woolcott Manufacturing Company, The. (See Perry, Edward D., assignor.)
- Beare Speedy Icing Company. (See Estes, William F., assignor.)
- Bearings Company of America. (See Schubert, Frank, assignor.)
- Beasley, Benjamin T., Atlanta, Ga. Surgeon's electrical heating device for flowing fluids. 2,063,902; Dec. 15.
- Beasley, Charles B., San Diego, Calif. Reel. 2,026,665; Jan. 7.
- Beasley, Lawton, Bishopville, S. C. Hand planter. 2,044,871; June 23.
- Beath, Lancelot B., assignor to W. D. Beath & Son, Limited, Toronto, Ontario, Canada. Air pressure regulating apparatus. 2,063,783; Dec. 8.
- Beath, W. D., & Son, Limited. (See Beath, Lancelot B., assignor.)
- Beaton & Cadwell Manufacturing Company, The. (See Work, Ernest W., assignor.)
- Beatrice Creamery Company. (See Murray, Kenneth L., assignor.)
- Beatty, Earle J. R., Edgewood, R. I. Making of rayon. 2,046,670; July 7.
- Beatty, Earle J. R., Edgewood, R. I. Rayon. 2,058,551; Oct. 27.
- Beattie Manufacturing Co., The. (See Beattie, Walter J., assignor.)
- Beattie, Robert. (See Bailey, D. P., Beattie, and Tyler.)
- Beattie, Walter J., assignor to The Beattie Manufacturing Co., Cohoes, N. Y. Folding machine. 2,062,202; Nov. 24.
- Beattie, Walter J., assignor to The Beattie Manufacturing Company, Cohoes, N. Y. Turning machine and method. 2,062,203; Nov. 24.
- Beatty Bros. Limited. (See Smith, Victor N. M., assignor.)
- Beatty, Chas. A. (See Boynton, Alexander, assignor.)
- Beatty, Floyd A., Pittsburgh, assignor to Lewis Foundry & Machine Company, Groveton, Pa. Rolling mill. 2,040,543; May 12.
- Beatty, George W. (See Conlon, T. A., and Beatty.)
- Beatty, Robert J., Cedar Rapids, Iowa. Casket. 2,044,872; June 23.
- Beatty, William E., Los Angeles, Calif. Metal separation. 2,048,316; July 21.
- Beatty, William E., Hollywood, Calif. Metal separation. 2,056,764; Oct. 6.
- Beaty, Julian B. (See Beschere, Harvey, assignor.)
- Beau, Frank X., Cleveland, Ohio. Apparatus for inspecting fluids. 2,063,222; Dec. 8.
- Beauchamp, Fred, North Haven, Conn., assignor to Lancaster Iron Works, Inc., Lancaster, Pa. Auxiliary strike for brick machines. 2,061,497; Nov. 17.
- Beauchamp, Wilfred A. (See Vegren, C. R., Beauchamp, and Madland.)
- Beauchamp, Wilfred A., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,027,574; Jan. 14.
- Beauchamp, Wilfred A., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Door operating device. 2,035,685; Mar. 31.
- Beauchamp, Wilfred A., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Door structure. 2,037,693; Apr. 21.
- Beauchamp, Wilfred A., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door lock. 2,049,991; Aug. 4.
- Beauchamp, Wilfred A., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Sliding car door. 2,055,516; Sept. 29.
- Beauchamp, Wilfred A., Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door structure. 2,058,658; Oct. 27.
- Beauchamp, Wilfred A., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Track bracket. 2,060,720; Nov. 10.
- Beauchamp, Wilfred A., and G. R. Treptow, Chicago, Ill., assignors, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Hasp fastener device. 2,035,216; Mar. 24.
- Beauchemin, Alphonse O., New York, N. Y. Rotary pump. 2,039,698; May 5.
- Beaucerk, William, Irvington, N. J., assignor to Pure Made Products Co. Sliced loaf bagging device. 2,037,362; Apr. 14.
- Baumier, Oscar L., Brenham, Tex. Stuffing box. 2,061,693; Nov. 24.
- Beaumont, Arthur W., New York, N. Y., and W. A. Shenton, Montclair, N. J. Dentifrice container and dispenser. 2,058,290; Oct. 20.
- Beaumont Birch Company. (See Weniger, Joseph K., assignor.)
- Beaumont, William M., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Intercommunicating telephone system. 2,065,883; Dec. 29.
- Beaune, Serge, assignor to Société des Procédés Serge Beaune, Creteil, France. Preparing wiping rollers for printing. 2,043,604; June 9.
- Beaux Arts Lighting Co. (See Kramer, Sam, assignor.)
- Beaver, David J., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, Wilmington, Del. Preservation of rubber. 2,055,812; Sept. 29.
- Beaver Manufacturing Company. (See Hartmann, Povi D., assignor.)
- Beaver Pipe Tools, Inc. (See Pealer, Robert B., assignor.)
- Beaver Pipe Tools, Inc. (See Phillis, William A., assignor.)
- Beaver-Portland Cement Co. (See Muirhead, W. H., and Martin, assignors.)
- Beavers, Roy J., Brookfield, and H. R. Laird, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Measuring device. 2,054,787; Sept. 22.
- Beaverstock, Elisha F., Holyoke, Mass. Switch device. 2,051,239; Aug. 18.
- Bebb, Harry T., assignor to The Canton Stamping & Enameling Company, Canton, Ohio. Continuous enamel ware manufacture. 2,035,363; Mar. 24.
- Bebie, Edwin W., Hawthorne, N. J., assignor to International Paper Company, New York, N. Y. Core adapter. 2,028,492; Jan. 21.
- Bebie, Jules, and G. L. Doelling, assignors to Rice-Stix Dry Goods Co., St. Louis, Mo. Fabric structure and treatment. 2,040,819; May 19.



- Bebinger, Charles N., assignor to La-Del Conveyor & Mfg. Co., New Philadelphia, Ohio. Spring drive for shaking conveyers. 2,049,846; July 28.
- Bebinger, Charles N., assignor to La-Del Conveyor & Mfg. Co., New Philadelphia, Ohio. Oscillating turn for conveyers. 2,050,153; Aug. 4.
- Bech, Joseph, assignor, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Bacon press. 2,043,366; June 9.
- Becher, Harold, and J. Stein, New York, N. Y., said Becher, assignor to said Stein. Dipping form for making dipped rubber articles. 2,058,552; Oct. 27.
- Becher, Hubert L., Trenton, assignor to The Agasote Millboard Company, Ewing Township, N. J. Fire resistant porous insulating material. 2,047,187; July 14.
- Becher, Theodor, Wiesbaden, assignor to Maschinenfabrik Augsburg-Nürnberg, A. G., Nuremberg, Germany. Packing for movable dam structures. 2,045,824; June 30.
- Becher, Theodor, Wiesbaden, assignor to Maschinenfabrik Augsburg-Nürnberg, A. G., Nuremberg, Germany. Packing for movable dam structures. 2,045,825; June 30.
- Becher, Theodor, Wiesbaden, assignor to Maschinenfabrik Augsburg-Nürnberg, A. G., Nuremberg, Germany. Weir. 2,055,192; Sept. 22.
- Bechler, André, Moutier, Switzerland. Split chuck with conical head. 2,046,052; June 30.
- Bechler, Joseph, Brooklyn, N. Y. Hair spring clamp. 2,047,188; July 14.
- Bechman, William O., Chicago, Ill., assignor to International Harvester Company. Engine. 2,028,310; Jan. 21.
- Bechman, William O., Chicago, Ill., assignor to International Harvester Company. Cylinder head and heat control valve structure. 2,054,534; Sept. 15.
- Bechmann, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultra-short wave oscillation generator. 2,036,562; Apr. 7.
- Bechtel, Theodore B., and S. J. Ederwein, assignors to The Electric Furnace Company, Salem, Ohio. Heat treating. 2,063,784; Dec. 8.
- Bechtner, Paul, and W. B. Hirschmann, assignors to American Colloid Sales Division, Inc., Chicago, Ill. Clays and processes for preparing same. 2,036,617; Apr. 7.
- Bechtol, Archie, Chicago, Ill. Game apparatus. 2,037,108; Apr. 14.
- Beck, Adolf. (See Schmidt, W., and Beck.)
- Beck, Adolf, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Heat treatment of magnesium alloys. 2,036,563; Apr. 7.
- Beck, Adolf, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Improving the resistance to corrosion of aluminium base alloys. 2,063,022; Dec. 8.
- Beck, Adolf, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Aluminium alloys. 2,063,023; Dec. 8.
- Beck, Allen F., assignor to The Clark Grave Vault Company, Columbus, Ohio. Producing grave vault hoods. 2,033,809; Mar. 10.
- Beck, Allen F., assignor to The Clark Grave Vault Company, Columbus, Ohio. Grave vault hood. 2,062,492; Dec. 1.
- Beck, Bjorn O. and H. L., Chicago, and C. H. Gunthorp, Des Plaines, Ill. Electric heating device and making same. 2,060,968; Nov. 17.
- Beck, Broussais C., Seattle, Wash. Closure cap for dispensing tubes and the like. 2,040,638; May 12.
- Beck, Charles J. (See Westin, C. J., and Beck.)
- Beck, Charles J., Philadelphia, Pa. Type clamp. 2,028,892; Jan. 28.
- Beck, Charles J., Philadelphia, Pa. Roll sheet cutting machine. 2,065,503; Dec. 29.
- Beck, Charles W., Toledo, Ohio. Fountain pen and the ink supply therefor. 2,053,892; Sept. 8.
- Beck, Charles W., Toledo, Ohio. Display cabinet. 2,054,920; Sept. 22.
- Beck, Charles W., assignor, by mesne assignments, to N. M. Beck, Toledo, Ohio. Steering wheel. 2,041,738; May 26.
- Beck, Charles W., assignor, by mesne assignments, to N. M. Beck, Toledo, Ohio. Steering wheel. 2,041,739; May 26.
- Beck Duplicator Company, The. (See Danheiser, Theodore, assignor.)
- Beck, Ernest J., and C. A. Van Derveer, Michigan City, Ind., and K. Karpen, Chicago, Ill., assignors to S. Karpen & Bros. Revolving car seat. 2,030,621; Feb. 11.
- Beck, Frederic J., Moline, Ill. Novelty coin. 2,050,154; Aug. 4.
- Beck, Hubert L. (See Beck, Bjorn O. and H. L., and Gunthorp.)
- Beck, J. S. (See Raymond, Edward F., assignor.)
- Beck, Koller & Company. (See Hönel, Herbert, assignor.)
- Beck, Koller & Company. (See Krumbhaar, Wilhelm, assignor.)
- Beck, Nellie M. (See Beck, Charles W., assignor.)
- Beck, Nellie M. (See Simpson, Thone C., assignor.)
- Beck, Norman R., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Producing a neck finish with a thread hang-up. 2,044,115; June 16.
- Beck, Norman R., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Producing partitioned glass containers. 2,065,504; Dec. 29.
- Beck, Oscar G., Herrick, Ill. Water passover. 2,059,927; Nov. 3.
- Beck, Raymond. (See Hofmann, Frederick A., assignor.)
- Beck, Robert W., and G. A. Rogge, said Rogge assignor to J. D. Flaughner, Detroit, Mich. Resilient means for bath brushes. 2,039,052; Apr. 28.
- Beck, Rudolf, assignor to Consolidated Ashcroft Hancock Company, Inc., Bridgeport, Conn. Differential control apparatus. 2,032,041; Feb. 25.
- Beck, Rudolf, assignor to Consolidated Ashcroft Hancock Company, Inc., Bridgeport, Conn. Controlling heat exchange apparatus. 2,044,461; June 16.
- Beck, Rudolf, Bridgeport, Conn., assignor to Consolidated Ashcroft Hancock Company, New York, N. Y. Fluid flow system. 2,047,403; July 14.
- Beck, Rudolf, and J. Briscoe, Bridgeport, Conn., assignors to Consolidated Ashcroft Hancock Company, New York, N. Y. Apparatus for controlling pressure fluid. 2,059,722; Nov. 3.
- Beck, Walter, Frankfort-on-the-Main, and K. Bonath, Cronberg-in-Taunus, Germany. Maintaining or regulating the efficacy of cyanide melts. 2,063,079; Dec. 8.
- Beckenbauer, Ludwig. (See Frost, P., and Beckenbauer.)
- Becker, Benjamin, and S. Becker, St. Louis, Mo. Buckle. 2,046,807; July 7.
- Becker, Bernard C. (See White, H. B., and Becker.)
- Becker, Bernard C., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,053,816; Sept. 8.
- Becker, Charles W. (See Gaarder, H. M., and Becker.)
- Becker, Christopher A., Nutley, N. J., assignor to The Torsion Balance Company, New York, N. Y. Balance or weighing scale. 2,040,639; May 12.
- Becker, Edmund H. (See Martus, M. L., and Becker.)
- Becker, Edmund H. (See Martus, M. L., Becker, and Ross.)
- Becker, Enno, Bremen, Germany, assignor to Vereinigte Stahlwerke, Aktiengesellschaft, Dusseldorf, Germany. Iron pile. 2,035,217; Mar. 24.
- Becker, Enno, Bremen, assignor to Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Pile. 2,063,146; Dec. 8.
- Becker, Frank N., assignor to Jeddo-Highland Coal Company, Jeddo, Pa. Valve. 2,027,762; Jan. 14.
- Becker, Frank N., assignor to Jeddo-Highland Coal Company, Jeddo, Pa. Stove. 2,037,159; Apr. 21.
- Becker, Franz. (See Englert, O., Becker, Wilhelm, and F.)
- Becker, Fred, Queens Villiage, assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Column blinding mechanism. 2,064,874; Dec. 22.
- Becker, Fred P., assignor to Monroe Auto Equipment Company, Monroe, Mich. Valve for shock absorbers. 2,043,572; June 9.
- Becker, Guillaume. (See Nelson, H. H., and Becker.)
- Becker, Hans. (See Vollmann, H., and Becker.)
- Becker, Hazen K. (See Jurgens, E. G., and Becker.)
- Becker, Heinrich, assignor to Maschinenfabrik-Augsburg-Nürnberg, A. G., Augsburg, Germany. Piston. 2,040,972; May 19.
- Becker, Howard I., Schenectady, N. Y., assignor to General Electric Company. Electrical compression or tension gauge. 2,058,946; Oct. 27.
- Becker, Karl. (See Pirani, M., and Becker.)
- Becker, Karl, Berlin-Lichterfelde-Ost, Germany, assignor to Wolfram & Molybdaen A.-G., Zurich, Switzerland. Sintered hard metal alloy for tools and similar articles. 2,040,592; May 12.
- Becker, Karl, Berlin-Seteglit, Germany, assignor to General Electric Company. Gaseous electric discharge device. 2,056,152; Oct. 6.
- Becker, Karl, Berlin-Seteglit, K. Schröter, Berlin-Lechtenberg, and H. Wolff, Berlin, Germany, assignors, by mesne assignments, to General Electric Company, Schenectady, N. Y. Sintered hard metallic alloy. 2,026,958; Jan. 7.
- Becker, Louis, Brooklyn, and A. Storch, New York, N. Y. Safety razor blade. 2,035,110; Mar. 24.
- Becker, Nicolas, Nice, France. Device for molding the breasts in the contours and form desired. 2,061,268; Nov. 17.
- Becker, Oskar W., Hamburg, assignor to the firm Naturin Gesellschaft mit beschränkter Haftung, Weinheim-B., Germany. Device for producing artificial sausage skins from pasty fibrous masses of animal or vegetable origin. 2,046,541; July 7.
- Becker, Oskar W., Hamburg, assignor to firm Naturin Gesellschaft mit beschränkter Haftung, Weinheim-B., Germany. Working up fibrous material from hides. 2,056,595; Oct. 6.
- Becker, Oskar W., Weinheim, assignor to Carl Freudenberg, G. m. b. H., Weinheim-Badenia, Germany. Manufacture of shaped products. 2,056,596; Oct. 6.
- Becker, Otto, Corona, N. Y. Mixing machine. 2,054,648; Sept. 15.
- Becker, Paul. (See Kuhlman, W., and Becker.)
- Becker, Robert A., Sr. and S. P., Poughkeepsie, N. Y. Solderless wire connector. 2,032,394; Mar. 3.
- Becker, Robert A., Sr., and S. P., Poughkeepsie, N. Y. Unit solderless wire connector. 2,041,108; May 19.
- Becker, Rudolph, North Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,034,706; Mar. 24.



- Becker, Rudolph, North Plainfield, assignor to Singer Manufacturing Company, Elizabeth, N. J. Thread-tension mechanism for sewing machines. 2,050,241; Aug. 11.
- Becker, Sam. (See Becker, Benjamin and S.)
- Becker, Stephen P. (See Becker, Robert A., Sr., and S. P.)
- Becker, Walter, Jr., Racine, Wis. Auto paint refinish. 2,044,493; June 16.
- Becker, Wilhelm. (See Englert, O., Becker, Wilhelm, and F.)
- Becker, Wilhelm. (See Orthner, L., and Becker.)
- Becker, Wilhelm, Cologne-Mulheim, L. Orthner, Leverkusen-I, G. Werk, and A. Bömer, Impach, near Opladen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of rubber conversion products. 2,040,460; May 12.
- Beckes, Lloyd M. (See Palmer, S. L., and Beckes.)
- Becket, Alan L., East Orange, N. J. Electrical contact receptacle. 2,028,268; Jan. 21.
- Becket, Alan L., East Orange, N. J. Attachment plug. 2,053,060; Sept. 1.
- Becket, Frederick M., New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Producing iron-chromium casting containing nitrogen. 2,056,766; Oct. 6.
- Becket, Frederick M., New York, and R. Franks, Jackson Heights, N. Y., assignors to Electro Metallurgical Company. Laminated metal stock. 2,034,278; Mar. 17.
- Becket, Frederick M., New York, and R. Franks, Niagara Falls, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Heat treatment of chromium alloy steels. 2,046,012; June 30.
- Becket, Frederick M., New York, and R. Franks, Jackson Heights, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Welding chromium-nickel-titanium steels. 2,054,405; Sept. 15.
- Becket, Frederick M., New York, and R. Franks, Jackson Heights, N. Y., assignors, by mesne assignments to Union Carbide and Carbon Corporation. Chromium alloy steel and welding rod. 2,056,765; Oct. 6.
- Beckett, Ada G., et al. (See Beckett, Kenneth C., assignor.)
- Beckett, Ernest G., Grangemouth, Scotland, assignor to Imperial Chemical Industries Limited. Intermediates for dyes. 2,027,955; Jan. 14.
- Beckett, Kenneth C., Hamilton, Ontario, Canada, assignor of one-half to W. C. Brooks, Brantford, Ontario, and one-half to A. G. Beckett, Hamilton, Ontario, Canada. Heat controlling radiator. 2,033,272; Mar. 10.
- Beckett, William A., Kingsville, assignor of one-half to F. K. Jasperson, Windsor, Ontario, Canada. Gas burner. 2,045,692; June 30.
- Beckley-Ralston Co., The. (See Williamson, Henry C., assignor.)
- Becklin, Herman O., assignor of forty-one one hundredths to W. J. Compton, twenty-eight one hundredths to G. W. Wells, and thirty-one one hundredths to T. H. Willett and L. C. Willett, Portland, Ore. Holder for shopping bags. 2,041,691; May 26.
- Beckman, Arnold O., Altadena, assignor, by mesne assignments, to National Technical Laboratories, Pasadena Calif. Inking reel. 2,038,706; Apr. 28.
- Beckman, Arnold O., Altadena, assignor, by mesne assignments, to National Technical Laboratories, Pasadena, Calif. Inking device. 2,041,740; May 26.
- Beckman, Arnold O., Altadena, and H. E. Fracker, assignors, by mesne assignments, to National Technical Laboratories, Pasadena, Calif. Apparatus for testing acidity. 2,058,761; Oct. 27.
- Beckmann, Carl, Berlin-Zehlendorf, assignor to Mix & Genest Aktiengesellschaft, Berlin-Schöneberg, Germany. Tubular conveyer system. 2,052,597; Sept. 1.
- Beckschulte, Heinrich, Angola, assignor to Enzinger Union Corporation, Buffalo, N. Y. Pitching machine. 2,050,414; Aug. 11.
- Beckwith-Chandler Company. (See Trussell, Emory H., assignor.)
- Beckwith, Charles F., Flushing, and C. C. Main, Piermont, assignors to Aqua Systems Incorporated, New York, N. Y. Liquid supply system. 2,034,370; Mar. 17.
- Beckwith, Charles F., Flushing, and C. C. Main, Piermont, assignors, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Liquid supply system. 2,061,608; Nov. 24.
- Beckwith, Charles J., Brooklyn, assignor to Johns-Manville Corporation, New York, N. Y. Reinforced insulating roof slab. 2,029,352; Feb. 4.
- Beckwith, Clinton H., Geneva, assignor to Crane Co., Chicago, Ill. Valve operating unit. 2,028,696; Jan. 21.
- Beckwith, Clinton, H., Geneva, assignor to Crane Co., Chicago, Ill. Operating and lubricating means for cocks and valves. 2,055,449; Sept. 22.
- Beckwith, Lawton B. (See Bray, U. B., and Beckwith.)
- Beckwith, Lawton B. (See Bray, U. B., Beckwith, and Scott.)
- Beckwith Manufacturing Company. (See Lovell, Stanley P., assignor.)
- Beckwith Manufacturing Company. (See Miller, H. S., Goodwin, and Lovell, assignors.)
- Beckwith Manufacturing Company. (See Woodruff, Frank O., assignor.)
- Becvar, Joseph, Wickliffe, assignor to The Cleveland Cooperative Stove Company, Cleveland, Ohio. Adjustable flue for gas ranges. 2,044,761; June 23.
- Beddoes, Hubert, assignor to Pacific Flush Tank Company, Chicago, Ill. Rotary distributor for sewage treatment systems. 2,046,865; July 7.
- Beddoes, Hubert, and H. E. Schlenz, assignors to Pacific Flush Tank Company, Chicago, Ill. Combination sludge digestion and gas storage tank. 2,050,915; Aug. 11.
- Bedeschi, Gaetano, and G. Monti, Milan, Italy. Process and apparatus for registering and reproducing sound. 2,053,760; Sept. 8.
- Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Power transmission device. 2,027,666; Jan. 14.
- Bedford, Burnice D. (See Willis, C. H., and Bedford.)
- Bedford, Frederick G. H., and C. D. Gibb, assignors to C. A. Parsons and Company, Limited, Newcastle-on-Tyne, England. Hollow turbine blade. 2,040,640; May 12.
- Bedford, Reginald A., Stumperlowe, Sheffield, England. Device for removing drills or other articles from their shafts. 2,031,814; Feb. 25.
- Bedford, Reginald A., Sheffield, England. Drill shaft and bit adapted to be used with percussive drills. 2,042,088; May 26.
- Bedilion, Robert W., U. S. Navy. Method of and apparatus for treating metal castings. 2,045,576; June 30.
- Bedingfield, Wade R., et al. (See Morris, Pratt C., assignor.)
- Beebe, Jesse, Tulsa, Okla. Sight attachment for car or other tanks. 2,027,145; Jan. 7.
- Beebe, Murray C., Cheshire, assignor to Scovill Manufacturing Company, Waterbury, Conn. Manufacture of a stencil. 2,038,339; Apr. 21.
- Beech-Nut Packing Company. (See Grant, D. R., and Hambrecht, assignors.)
- Beech-Nut Packing Company. (See Vosburgh, J. Voorhees, assignor.)
- Beechey, Horace G. St. V. (See Morrell, S. T., and Beechey.)
- Beech's Chocolates Limited. (See Collinson, Edward W., assignor.)
- Beede, Herbert G., Pawtucket, R. I. Garment pressing machine. 2,034,279; Mar. 17.
- Beede, Herbert G., Pawtucket, R. I. Valve. 2,043,027; June 2.
- Beegle, Raymond E., East St. Louis, Ill. Fastening device. 2,040,510; May 12.
- Beeh, Louis, Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Fluid distributing and delivery control means. 2,049,487; Aug. 4.
- Beehler Steel Products Company. (See Ceablom, Wendell S., assignor.)
- Beekhuis, Herman A., Jr. (See Harvey, E. W., and Beekhuis.)
- Beekhuis, Herman A., Jr. (See Lawrence, C. K., and Beekhuis.)
- Beekley, John S., Charleston, W. Va., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of hydrogen. 2,051,363; Aug. 18.
- Beeler, Donald A., Winnetka, assignor to Automatic File & Index Company, Chicago, Ill. Filing device. 2,042,167; May 26.
- Bee Line Manufacturing Company. (See Smith, Roy D., assignor.)
- Bee Line Manufacturing Company. (See Smith, R. D., and Fransen, assignors.)
- Beers, Erle F. (See De Witt, W. J., and Beers.)
- Beers, George H., Wabaska, Nev. Ore crushing mill. 2,032,247; Feb. 25.
- Beers, George L., Merchantville, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Signal receiving system. 2,034,647; Mar. 17.
- Beers, George L., Collingswood, N. J., assignor to Radio Corporation of America. Superheterodyne receiver. 2,037,754; Apr. 21.
- Beers, George L., Collingswood, N. J., assignor to Radio Corporation of America. Radio receiver. 2,053,415; Sept. 8.
- Beers, George L., Collingswood, N. J., assignor to Radio Corporation of America. Diversity receiver. 2,059,081; Oct. 27.
- Beers, George L., Collingswood, N. J., assignor to Radio Corporation of America. Automatic volume control with noise suppressor. 2,060,969; Nov. 17.
- Beers, Joseph L. (See Beniston, W. J., and Beers.)
- Beers, Royce L., assignor to Detroit Stoker Company, Detroit, Mich. Stoker construction. 2,065,552; Dec. 29.
- Beers, Royce L., assignor to Detroit Stoker Company, Detroit, Mich. Stoker construction. 2,065,553; Dec. 29.
- Beers, Royce L., assignor to Detroit Stoker Company, Detroit, Mich. Cinder separator. 2,065,554; Dec. 29.
- Beers, Royce L., assignor to Detroit Stoker Company, Detroit, Mich. Stoker construction. 2,065,555; Dec. 29.
- Beers, Royce L., assignor to Detroit Stoker Company, Detroit, Mich. Furnace. 2,065,556; Dec. 29.
- Beeson, Paul O., St. Louis, Mo., assignor to The Ruberoid Co., New York, N. Y. Corrugated laminated sheathing. 2,041,393; May 19.
- Beetem, Frank G., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Electrical signaling device. 2,039,765; May 5.



- Beezhold, Christian J., Chicago, Ill., assignor, by mesne assignments, to Pullman-Standard Car Manufacturing Company. Car construction. 2,035,419; Mar. 24.
- Befera, Delmo, Hibbing, Minn. Collapsible and adjustable steel stand. 2,036,113; Mar. 31.
- Begerow, John H. W. (See McKiernan, J. D., and Begerow.)
- Begg, Russell S., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Hub cap and cover. 2,031,092; Feb. 18.
- Begg, Russell S., assignor to The Midland Steel Products Company, Cleveland, Ohio, as trustee for Steeldraulic Brake Corporation. Brake. 2,038,707; Apr. 28.
- Begg, Russell S., Shaker Heights, G. C. R. Kuiper, and J. R. Almond, assignors to The Midland Steel Products Company, Cleveland, Ohio. Brake shoe and forming same. 2,032,864; Mar. 3.
- Beggs, Eugene W., Glen Ridge, N. J., assignor to Westinghouse Lamp Company. Precision lamp adapter. 2,046,363; July 7.
- Beggs, James E., Schenectady, N. Y., assignor to General Electric Company. Electric counting apparatus. 2,047,665; July 14.
- Beggs, James E., Schenectady, N. Y., assignor to General Electric Company. Electrode structure for metal tubes. 2,056,035; Sept. 29.
- Beggs, Paul W., assignor to Jas. P. Marsh Corporation, Chicago, Ill. Valve adapter. 2,047,764; July 14.
- Beghetti, Peter, San Francisco, Calif. Printing stamp. 2,030,044; Feb. 11.
- Beghetti, Peter, San Francisco, Calif. Tie bar and spacer. 2,052,012; Aug. 25.
- Beghetti, Peter, San Francisco, Calif. Filter. 2,052,013; Aug. 25.
- Begle, Ned G., Greenwich, Conn., assignor to Berst-Forster Dixfield Co., New York, N. Y. Machine for making match splints and similar articles. 2,058,207; Oct. 20.
- Begun, Semi, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electromagnetic talking machine. 2,048,488; July 21.
- Begun, Semi, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electromagnetic talking machine. 2,058,399; Oct. 27.
- Begun, Semi, Berlin, and W. Weiche, Berlin-Mariendorf, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electromagnetic talking device. 2,048,487; July 21.
- Behan, Thomas W., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Wringer. 2,041,686; May 26.
- Behan, Thomas W., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Agitator for washing machines. 2,042,578; June 2.
- Behmer, Otto, Port Arthur, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Making gasoline. 2,027,014; Jan. 7.
- Behmier, Otto, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,064,816; Dec. 22.
- Behncke, Hermann. (See Brodersen, K., Behncke, and Korten.)
- Behnke, Guy E., assignor to Reed Roller Bit Company, Houston, Tex. Apparatus for pumping deep wells. 2,039,621; May 5.
- Behnke, Harry R., Villa Park, and W. M. Loser, Wheaton, assignors to M. Mayhill Smith, Chicago, Ill. Gate. 2,054,788; Sept. 22.
- Behr, Leroy K., assignor to Norton Company, Worcester, Mass. Saw tooth. 2,065,041; Dec. 22.
- Behr-Manning Corporation. (See Buckner, Orello S., assignor.)
- Behr-Manning Corporation. (See Schacht, Elmer C., assignor.)
- Behr, Siegfried, Flushing, assignor to Ben Hur Products, Inc., New York, N. Y. Hair curler. 2,058,400; Oct. 27.
- Behr, Walter A., Flint, Mich. Fishhook extricator. 2,054,236; Sept. 15.
- Behrens, Hans C. A., Duvenstedt, Post Wohldorf, near Hamburg, Germany, assignor, by mesne assignments, to the firm Rud. O. Meyer, Hamburg, Germany. Apparatus for effecting the growth of crystals in vacuo. 2,034,969; Mar. 24.
- Behrens, Heinrich, Altona-Stellingen, assignor of one-third to L. Sieg, Altona-Elbe, and one-third to R. Groth, Altona-Othmarschen, Germany. Transmission mechanism for motor vehicles. 2,037,305; Apr. 14.
- Behringer, Emil, Richmond Hill, N. Y. Heat exchanger. 2,061,645; Nov. 24.
- Behringer, Frances, New York, N. Y. Infant's garment. 2,030,091; Feb. 11.
- Behrman, Abraham S., Chicago, Ill. Treatment of fluid. 2,055,475; Sept. 29.
- Behrman, Marcus B., assignor to American Safety Razor Corporation, Brooklyn, N. Y. Blade and holder therefor. 2,035,111; Mar. 24.
- Behrman, Marcus B., assignor to American Safety Razor Corporation, Brooklyn, N. Y. Razor blade. 2,051,160; Aug. 18.
- Beider, Warren H., Passaic, and T. M. Cunningham, Upper Saddle River, N. J. Sealing device for bottles. 2,043,226; June 9.
- Beiderman, Edward G., Detroit, Mich., assignor to The Clark Controller Company, Cleveland, Ohio. Electric welding. 2,047,573; July 14.
- Beiderman, Edward G., assignor to General Motors Corporation, Detroit, Mich. Electric welding. 2,058,553; Oct. 27.
- Beikmann, Wilhelm, Hilden, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Flaring tubes. 2,047,849; July 14.
- Beil, George W., Allentown, Pa. Permanent wave meter. 2,048,666; July 28.
- Beimann, Wilhelm, Bochum, Germany. Underfired coke ovens. 2,043,945; June 9.
- Beisley, William F., H. D. Spradlin, L. R. Deadrich, and R. H. Eckhoff, Oakland, Calif. Automobile lighting. 2,064,054; Dec. 15.
- Beisser, Charlotte, administratrix. (See Beisser, George.)
- Beisser, George, deceased, by C. Beisser, administratrix, Hamburg-Rahlstedt, Germany. Preserving substances of animal origin. 2,052,206; Aug. 25.
- Beistle Company, The. (See Fickes, Dewey, assignor.)
- Beiter, Frank, Long Island City, N. Y. Apron. 2,056,998; Oct. 13.
- Bekemans, Joseph A. (See Jackson, T. J., and Bekemans.)
- Bekius, Nicholas, assignor to Robert W. Irwin Company, Grand Rapids, Mich. Extension table. 2,040,593; May 12.
- Belas, Francis T., and J. W. McClew, assignors to Automatic Electric Company Limited, Liverpool, England. Electric totalizer. 2,031,298; Feb. 18.
- Belch, George, Piercetown, Ind. Gate. 2,047,850; July 14.
- Belcher, Clarence F. (See Lulek, R. N., and Belcher.)
- Belcher, Daniel, assignor to Bemis Bro. Bag Co., Minneapolis, Minn. Carrying handle for containers. 2,052,525; Aug. 25.
- Belcher, Daniel, assignor to Bemis Bro. Bag Co., Minneapolis, Minn. Carrying handle for containers. 2,059,621; Nov. 3.
- Belcher, George E., Company. (See Reinhardt, Louis W., assignor.)
- Belcher, Harold H. (See Smith, E. L., and Belcher.)
- Belcher, Harold H., Philadelphia, Pa. Pencil. 2,058,291; Oct. 20.
- Belcher, Mark, Daisetta, Tex. Fire extinguisher and blowout preventer. 2,041,394; May 19.
- Belcher, Warren J., West Hartford, Conn., assignor to The Whitney Chain & Mfg. Company. Chain. 2,030,829; Feb. 11.
- Belcher, Warren J., West Hartford, assignor to The Whitney Chain & Mfg. Company, Hartford, Conn. Enclosure for flexible connections. 2,045,565; June 30.
- Belchetz, Arnold, Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Sweetening process. 2,055,423; Sept. 22.
- Beldam, George W., Lower Bourne, Farnham, England. Manufacture of bricks, slabs, sheets, and the like. 2,056,558; Oct. 6.
- Beldam, William R., Hounslow, England. Filtering or straining apparatus. 2,065,263; Dec. 22.
- Belden, Albert G. (See Norton, C. H., and Belden.)
- Belden, Albert G., and F. E. Drown, assignors to Norton Company, Worcester, Mass. Grinding machine having an electrically controlled sizing device. 2,037,002; Apr. 14.
- Belden, Albert G., and H. J. Griffing, assignors to Norton Company, Worcester, Mass. Roll grinding machine. 2,040,820; May 19.
- Belden, Clements G., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Spacer. 2,060,970; Nov. 17.
- Belden Manufacturing Company. (See Andre, Gustaf E., assignor.)
- Belden Manufacturing Company. (See Wermin, Hugo H., assignor.)
- Belden, Neeta M., Wichita, Kans. Air conditioner. 2,061,646; Nov. 24.
- Beldin, Claude S., Yeadon, assignor to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Dispensing device. 2,059,079; Oct. 27.
- Belefant, Benjamin, and H. Hassan, New York, N. Y. Garment hanger. 2,044,346; June 16.
- Beleson, Abraham, Worcester, Mass. Soldering tool. 2,036,169; Mar. 31.
- Belfield, H., Company. (See Goehring, Francis R., assignor.)
- Belfrost Diesels Limited. (See Belyavin, Paul, assignor.)
- Beline, Walter E., Pottsville, assignor to The Philadelphia and Reading Coal and Iron Company, Philadelphia, Pa. Absorber mechanism. 2,056,818; Oct. 6.
- Belka, Michael W., and J. F. Wood, Lowell, Mass. Slow recovery converter water heating system. 2,065,109; Dec. 22.
- Belknap, William L., Stratford, Conn. Heat responsive valve. 2,031,630; Feb. 25.
- Belknap, William L., Stratford, Conn. Accelerated gravity shut-off valve. 2,057,702; Oct. 20.
- Bell, Alfred B., Philadelphia, Pa. Barrel. 2,046,498; July 7.
- Bell, Alfred B., Philadelphia, Pa., assignor, by mesne assignments, to Heywood-Wakefield Company, Gardner, Mass. Auxiliary seat. 2,035,451; Mar. 31.
- Bell, Alfred B., Gardner, assignor to Heywood-Wakefield Company, Boston, Mass. Aisle seat. 2,035,452; Mar. 31.
- Bell, Alfred B., Gardner, assignor to Heywood-Wakefield Company, Boston, Mass. Car seat. 2,038,532; Apr. 28.



- Bell, Alfred B., Philadelphia, Pa., assignor, by mesne assignments, to Heywood-Wakefield Company, Gardner, Mass. Reversible reclining chair. 2,056,246; Oct. 6.
- Bell, Allan H., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Making spindles for lamp standards and the like and products thereof. 2,061,132; Nov. 17.
- Bell, Allan H., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Making spindles for lamp standards and the like and products thereof. 2,061,133; Nov. 17.
- Bell, Allan H., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp bracket. 2,066,171; Dec. 29.
- Bell, Andrew F., Buffalo, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Welding machine. 2,047,305; July 14.
- Bell, Charles W., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,044,241; June 16.
- Bell, Charles W., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track switch controlling apparatus. 2,060,485; Nov. 10.
- Bell, Cornelia M. (See Schmitt, R. M., and Bell.)
- Bell, David. (See Wallace, W. E., and Bell.)
- Bell, Delamar T., West New Brighton, assignor to Bell Telephone Laboratories, Incorporated, New York. Electrical circuit. 2,059,194; Nov. 3.
- Bell, Dillwyn M., River Forest, assignor to Dudley Lock Corporation, Chicago, Ill. Key and permutation operated cabinet lock. 2,035,781; Mar. 31.
- Bell, Edgar G. (See Schloss, W. L., and Bell.)
- Bell, Edward C., London, England. Cup and saucer. 2,059,769; Nov. 3.
- Bell, Edwin A., Philadelphia, Pa. Concrete sign. 2,050,255; Aug. 11.
- Bell, Frank B., Pittsburgh, Pa. Mounting for vehicle wheels. 2,064,404; Dec. 15.
- Bell, Gertrude F., administratrix. (See Bell, Walter M., assignor.)
- Bell & Gossett Company. (See Moore, Robert E., assignor.)
- Bell, Hayes H., assignor of one-half to H. G. Schroer, Terre Haute, Ind. Extraction apparatus for production of beverages. 2,059,622; Nov. 3.
- Bell, Howard H., Schenectady, N. Y., assignor to General Electric Company. Traffic signaling system and apparatus. 2,029,217; Jan. 28.
- Bell & Howell Company, The. (See Howell, Albert S., assignor.)
- Bell & Howell Company. (See Howell, A. S., and Stechbart, assignors.)
- Bell & Howell Company, The. (See Mayer, Edwin G., assignor.)
- Bell & Howell Company, The. (See Stechbart, Bruno, assignor.)
- Bell & Howell Company, The. (See Warmisham, Arthur, assignor.)
- Bell, James H. (See Dinley, Clarence F., assignor.)
- Bell, James H., Pelzer, S. C. Adjustable clamp for ropes. 2,053,018; Sept. 1.
- Bell, James W., Cedar Rapids, Iowa. Ladder. 2,038,521; Apr. 28.
- Bell, John C. (See Brittain, R. J., Jr., and Bell.)
- Bell, Joseph, Cincinnati, Ohio. Switch. 2,036,676; Apr. 7.
- Bell, Joseph, Cincinnati, Ohio. Direction indicating device. 2,043,727; June 9.
- Bell, Leonard P., San Diego, Calif. Musical instrument pick. 2,063,011; Dec. 8.
- Bell Punch Company Limited. (See Black, H. D., and Degen, assignors.)
- Bell Punch Company Limited. (See Black, H. D., and Webb, assignors.)
- Bell Punch Company Limited. (See Degen, Alexander A. C., assignor.)
- Bell Punch Printing Company. (See Webb, Christopher F., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Aamodt, Thoralf, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Abraham, L. G., and Grenell, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Aiken, Charles B., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Alford, Edward L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Allison, S. W., and McKim, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Anderson, Frithiof B., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Anderson, L. T., and Low, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Arnold, Harold D., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Atkins, George E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Beaumont, William M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bell, Delamar T., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bennett, Arthur F., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bennett, A. F., and Gordon, Jr., assignors.)
- Bell Telephone Laboratories, Incorporated. (See Bennett, A. F., and Tuffnell, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Betts, W. L., and Jones, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Bieling, Carl A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bieling, C. A., and Richard, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Bjornson, Bjorn G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Black, Harold S., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Blattner, David G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Blount, Frank E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Blount, Nelson, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bobis, Stephen, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bode, Hendrik W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bonomi, Felix A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Borgmann, Charles, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bouton, G. M., and Schumacher, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Bowne, Langford J., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Broadwell, Howard, see assignor.)
- Bell Telephone Laboratories, Incorporated. (See Browne, B. O., and Morrison, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Brown-scombe, Philip J., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Buchanan, R. B., and Kille, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Buckley, Oliver E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Burchett, George W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Budenbom, Horace T., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Burgess, A. A., and Knowlton, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Burns, Robert, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Burton, Everett T., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Burwell, John A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Butz, Edward D., assignor.)
- Bell Telephone Laboratories, Incorporated, et al. (See Campbell, T. C., assignor, Wheeler and Bowly.)
- Bell Telephone Laboratories, Incorporated. (See Carpenter, Warren W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Cesareo, Orfeo, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Chaffee, Joseph G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Chesnut, Roy W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Chesnut, R. W., Crane, and Huber, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Ciccolella, David F., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Cioffi, Paul P., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Corwin, Thomas L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Crawford, Arthur B., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Cruickshank, John E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Cummings, George C., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Curl, Herbert C., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Curran, Stanley T., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Curtis, Austen M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Curtis, A. M., and Boardman, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Cushman, R. A., and Young, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Cushman, R. W., and Hill, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Davisson, Clinton J., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Dietzold, Robert L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Dimond, Thomas L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Dowd, Andrew D., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Duguid, J. M., and Sole, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Ellis, William C., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Elmer, L. A., and MacDougall, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Elmer, L. A., and Shea, assignors.)



- Bell Telephone Laboratories, Incorporated. (See Erickson, Elmer C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Fay, Clifford E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Ferguson, James G., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Ferrell, Enoch B., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Fetter, C. H., Morton, and Stoller, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Field, Joseph C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Fisher, Harold J., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Friis, Harald T., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Gargan, J. O., and Young, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Gent, Edgar W., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See German-ton, Charles E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Gliertsen, Oyvind N., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Gleason, D. H., and Redmond, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Glunt, Omer M., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Goddard, Myron C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Goff, Harold W., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Gray, Cecil R., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Gray, Frank, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Green, Irving W., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Greenidge, Ralph M. C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Haring, Horace E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Harris, Henry J., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Harrison, Henry C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Harrison, H. C., and Keller, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Harrison, H. C., Keller, and Pollard, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Hartley, Ralph V. L., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Harvey, William H., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Hefe-le, John R., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Heising, Raymond A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Hill, Henry E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Horn, Irvin R., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Horton, Joseph W., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Hovland, Henry, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Hurst, G. A., and Retallack, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Husta, Philip, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Ingman-son, John H., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Ives, Herbert E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Ives, H. E., and Gray, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Ives, H. E., and Subrizi, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Jacobs, Oliver B., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Jensen, Axel G., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Johnson, John B., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See John-son, J. B., and Weinhart, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Johnson, L. H., and Low, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Johnston, Donald F., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Kannenberg, Walter F., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Keller, Arthur C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Kelsay, LeRoy W., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Kemp, Archie R., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Kenner, A., and Smith, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Kille, Lindley A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See King, Gerald V., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Kinkad, F. S., and Locke, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Knoop, William A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Koech-ling, Charles D., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Krecek, Joseph A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Krecek, J. A., and Munro, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Kuhn, John J., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Laico, Joseph P., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Lakatos, Emory, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Lam-berty, F. R., and Van Damme, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Lane, Clarence E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Lane, Cuthbert C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Lang, Wilmarth Y., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Low, Frank K., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See MacColl, Le Roy A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Mallina, Rudolph F., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Mason, Warren P., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Masson-neau, Robert F., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Mathes, Robert C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Matthies, William H., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See McKim, James B., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Melhuish, Lawrence E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Melick, John M., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Men-denball, Hallam E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Meszar, John, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Metzger, Frederick W., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Miller, Daniel D., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Miller, Ralph L., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Mills, Percy E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Mills, P. E., and Shann, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Morton, Edmund R., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Mott-ram, Elliott T., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Mougey, Wilbur E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Murphy, Paul B., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Myers, Oscar, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Neely, Thomas H., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Norman, Nathaniel C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Och, Henry G., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Ogg, Robert A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Ohl, Rus-sell S., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Parsons, Loren E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Per-reault, George E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Pfannen-stiehl, Harry, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Pike, Vernon B., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Powell, Albert C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Power, James R., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Pritch-ard, W. T., and Saunders, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Pruden, Harold M., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Pullis, George A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Red-mond, F. J., and Reynolds, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Ressler, Ralph E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Rey-nolds, John N., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Riesz, Robert R., assignor.)



- Bell Telephone Laboratories, Incorporated. (See Rockwood, George H., Jr., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Romnes, Haakon L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Ronci, Victor L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Ronci V. L., and Hale, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Rosene Victor E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Rumpel Carl H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See St. John, Everett, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Samuel, Arthur L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Saul, G. N., and Shiel, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Scheer, William H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Schelkunoff, Sergei A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Scott, Herbert J., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Scudder, Frederick J., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Shann, Oscar A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Shower, Edmund G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Siegmund, Humphreys O., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Slonczewski, Thaddeus, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Smith, George O., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Smith, Percy C., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Smith, Phillip H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Smythe, Edwin H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Spencer, Thomas A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Stallard, Burrell, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Staples, Elliot M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Stearn, Franklin A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Stilwell, George R., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Stockfleth, Sigurd J., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Stokely, Ray L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Stoller, Hugh M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Strieby, Maurice E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Swart, Leland K., assignor.)
- Bell Telephone Laboratories, Inc. (See Swart, L. K., and Tebo, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Swoboda, Adolph R., assignor.)
- Bell Telephone Laboratories, Incorporated, et al. (See Taylor, Edmund R., and C. C., and Wadsworth, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Templeton, Bryce O., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Terry, Roy V., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Thorp, Kermit O., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Thuras, Albert L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Tromp, G. P., and Neill, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Trucksess, David E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Ulrich, Horace W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Vibbard, Edward L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Vieth, Leonard, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Ware, Lawrence A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Weaver, L. L., and Webber, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Weis, Charles L., Jr., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Wentz, Edward C., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Wentz, Jesse F., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Werring, W. W., and Huxham, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Wheeler, Clyde H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Whittle, Horace, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Wickersheim, Lyle W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Wiebusch, Charles F., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Williams, Samuel B., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Wilson, Henry D., Jr., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Wilson, J. R., Acker, and Hartman, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Worcester, Joseph A., assignor.)
- Bell, Walter H., New York, N. Y. Tank washing and watering device. 2,030,194; Feb. 11.
- Bell, Walter M., deceased, Chicago, Ill., G. F. Bell, administratrix of said Walter M. Bell, assignor to G. F. Bell. Pump. 2,027,015; Jan. 7.
- Bell, William C., Baltimore, and W. N. Fischer, Baltimore County, Md. Piston and connecting rod construction. 2,065,509; Dec. 29.
- Bell, William D., Columbus, Ohio, assignor, by mesne assignments, to Auto Research Corporation. Apparatus for lubricating. 2,043,986; June 16.
- Bellamy, John I. (See Richardson, R. G., and Bellamy.)
- Bellamy, John I. (See Robinson, H. C., and Bellamy.)
- Bellamy, Leon, Newton, Mass. Machine for coating materials. 2,051,813; Aug. 25.
- Bellanca, Giuseppe M., New Castle, Del. Fuselage construction. 2,043,980; June 16.
- Bellanca, Giuseppe M., New Castle, Del. Retractable landing gear. 2,051,021; Aug. 18.
- Bellanca, Giuseppe M., New Castle, Del. Ventilation of airplanes. 2,058,659; Oct. 27.
- Bellanger, Frank A. (See Hopkinson, E., Belanger, Alcott, and Hewitt.)
- Bellasi, Peter L., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lightning-stroke generator. 2,032,904; Mar. 3.
- Beller, Hans, Ludwigshafen-on-the-Rhine, and M. Schellmann, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Recovery of organic acids from oxidation products of hydrocarbons. 2,055,095; Sept. 22.
- Beller, Hans, Ludwigshafen-on-the-Rhine, and M. Schellmann, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Recovery of organic acids from oxidation products of hydrocarbons. 2,059,201; Nov. 3.
- Bellevue Manufacturing Company, The. (See Martin, Jacob F., assignor.)
- Bellingham Iron Works, Inc. (See Reid, Thomas W., assignor.)
- Bellinghausen, Walter, assignor to Industrial Patents Corporation, Chicago, Ill. Slicing machine. 2,036,012; Mar. 31.
- Belliveau, Alfred H. (See Hershey, H. E., and Belliveau.)
- Bello, Maurice, assignor to Societe Nobel Francaise, (Societe Anonyme), Paris, France. Preparation of artificial fibers. 2,035,939; Mar. 31.
- Belluche, Frank R., Racine, Wis. Sheet feeding mechanism. 2,063,479; Dec. 8.
- Belluche, Frank R., assignor to Christensen Machine Company, Racine, Wis. Sheet feeder. 2,033,320; Mar. 10.
- Belluche, Frank R., assignor to Christensen Machine Company, Racine, Wis. Feeder for printing presses. 2,059,677; Nov. 3.
- Belmont, Arthur H., Gridley, assignor of one-half to J. E. Ebert, Marysville, Calif. Protecting shield for tool handles. 2,036,790; Apr. 7.
- Belmont Hosiery Company. (See Stroud, Paul G., assignor.)
- Beloit Iron Works. (See Berry, Earl E., assignor.)
- Beloit Iron Works. (See Bing, Harold O., assignor.)
- Beloit Iron Works. (See Darby, James K., assignor.)
- Beloit Iron Works. (See Hornbostel, Lloyd, assignor.)
- Beloit Iron Works. (See Putnam, C. P., Berry, and Hornbostel, assignors.)
- Belshaw, Charles F., Greenville, Mich. Refrigerator. 2,064,515; Dec. 15.
- Belshaw, Charles F., and W. J. La Casse, Duluth, Minn., assignors to The Coolerator Company. Ice cuber. 2,030,735; Feb. 11.
- Belsinger, Inc. (See Belsinger, Samuel P., assignor.)
- Belsinger, Samuel P., assignor to Belsinger, Inc., Atlanta, Ga. Shipping container. 2,053,595; Sept. 8.
- Belson Manufacturing Co. (See Belson, Milton J., assignor.)
- Belson, Milton J., assignor to Belson Manufacturing Co., Chicago, Ill. Lens retaining device. 2,056,153; Oct. 6.
- Belt, Joseph S., Dallas, Tex., assignor to Ruby Vines Belt Bath apparatus. 2,053,984; Sept. 8.
- Belt, Ruby Vines. (See Belt, Joseph S., assignor.)
- Belton, Oscar L. (See Belton, Porter L., and O. L.)
- Belton, Porter L., and O. L. Belton, Barberton, assignors to Seiberling Latex Products Company, Akron, Ohio. Rubber glove and making same. 2,064,143; Dec. 15.
- Beltz, John S., and L. E. Mitchell, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Mining machine. 2,066,195; Dec. 29.
- Beltz, Lester L., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,037,058; Apr. 14.
- Beltz, Lester L., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,037,059; Apr. 14.
- Belveal, Sherman, Delphos, Kans. Combined coupling and suspension device. 2,030,779; Feb. 11.



- Belyavin, Paul, assignor to Belfrost Diesels Limited, London, England. Centrifugal governor for internal combustion engines. 2,062,084; Nov. 24.
- Belyea, Fred, Braintree, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and making the same. 2,046,444; July 7.
- Bembrey, I. P., Aktiengesellschaft. (See Etzkorn, R., and Knebe, assignors.)
- Bembry, John W., Unadilla, Ga. Governor. 2,036,114; Mar. 31.
- Bemis, Albert F., Newton, assignor to Bemis Industries, Incorporated, Boston, Mass. Building construction. 2,031,631; Feb. 25.
- Bemis, Albert F., Newton, assignor to Bemis Industries, Incorporated, Boston, Mass. Building construction. 2,049,190; July 28.
- Bemis, Albert F., Newton, Mass., assignor to Bemis Industries, Incorporated, Boston. Building construction. 2,050,256; Aug. 11.
- Bemis, Albert F., Newton, assignor to Bemis Industries, Incorporated, Boston, Mass. Concrete form. 2,050,257; Aug. 11.
- Bemis, Albert F., Newton, assignor to Bemis Industries, Incorporated, Boston, Mass. Building construction. 2,050,258; Aug. 11.
- Bemis, Albert F., Newton, assignor to Bemis Industries, Incorporated, Boston, Mass. Building construction. 2,054,189; Sept. 15.
- Bemis, Arthur S., and M. S. May, St. Marys, Pa., assignors to Speer Carbon Company. Brush for dynamo-electric machines. 2,041,895; May 26.
- Bemis Bro. Bag Co. (See Belcher, Daniel, assignor.)
- Bemis Bro. Bag Co. (See Brady, Charles V., assignor.)
- Bemis Bro. Bag Co. (See Hannewald, B. A., and Ingstad, assignors.)
- Bemis Industries, Incorporated. (See Bemis, Albert F., assignor.)
- Benade, Walther, Dessau-in-Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Pyrazolone azo dyes and their production. 2,026,861; Jan. 7.
- Benaggio, Joseph, Detroit, Mich. Sealing device. 2,033,371; Mar. 10.
- Benander, George B., Yalesville, Conn., assignor to The Monowatt Electric Corporation. Plug connector. 2,027,853; Jan. 14.
- Benander, George B., Yalesville, assignor to Monowatt Electric Corporation, Bridgeport, Conn. Convenience outlet. 2,031,453; Feb. 18.
- Benander, George B., Yalesville, assignor to Monowatt Electric Corporation, Bridgeport, Conn. Electrical connector. 2,055,329; Sept. 22.
- Benander, George B., Yalesville, assignor to Monowatt Electric Corporation, Bridgeport, Conn. Tri-plug. 2,058,292; Oct. 20.
- Benard, Arthur G., Victor, N. Y., assignor to Locke Insulator Corporation, Baltimore, Md. Apparatus for making one-piece insulators. 2,034,707; Mar. 24.
- Benatar, Edgar Bloomfield, N. J. Cover for conveyers and clamping means therefor. 2,038,471; Apr. 21.
- Benatar, Edgar, Bloomfield, N. J. Freight car appliances. 2,064,405; Dec. 15.
- Benbow, E. Q. (See Simpson, William, assignor.)
- Bencowitz, Isaac, New York, N. Y., assignor to Texas Gulf Sulphur Company. Sulphur burner. 2,031,403; Feb. 18.
- Bencowitz, Isaac, New York, N. Y., and J. Wood, Gulf, Tex., assignors to Texas Gulf Sulphur Company. Fuel burner. 2,049,150; July 28.
- Bencraft, George R., assignor to Meigs, Bassett & Slaughter, Inc., Philadelphia, Pa. Purification of bast fibers. 2,054,779; Sept. 15.
- Benda, Louis, Frankfort-on-the-Main, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Aqueous solutions of therapeutically valuable compounds and preparing them. 2,040,973; May 19.
- Benda, Louis, Frankfort-on-the-Main, and O. Slevers, Frankfort-on-the-Main, Höchst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Compounds of the acridinium series and preparing them. 2,039,577; May 5.
- Bendall, Wilfrid H., Long Island City, N. Y. Power transmission chain drive. 2,062,115; Nov. 24.
- Bender, Carl, Cologne-Lindenthal, Germany. Grip mechanism for cableways. 2,026,860; Jan. 7.
- Bender, Edward G., New York, N. Y. Dustless bag emptying attachment. 2,060,776; Nov. 10.
- Bender, Frederic H., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,047,251; July 14.
- Bender, Frederic H., and F. E. Bachman, assignor to American Steel Foundries, Chicago, Ill. Wheel and axle assembly. 2,031,093; Feb. 18.
- Bender, Hijos De H. A., S. A. (See Sala, José V., assignor.)
- Bender, Howard L., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Synthetic resins and compositions. 2,034,457; Mar. 17.
- Bender, Howard L., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Resinous composition and making same. 2,041,453; May 19.
- Bender, Howard L., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Air drying composition of the alkyl resin type. 2,064,875; Dec. 22.
- Bender, Howard L., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Air drying composition of the urea resin type. 2,064,876; Dec. 22.
- Bender, Howard L., Bloomfield, and F. I. Bennett, Jr., Highland Park, assignors to Johnson & Johnson, New Brunswick, N. J. Waterproof fabric and production thereof. 2,055,450; Sept. 22.
- Bender, Robert W., assignor to Inter-Collegiate Press, Kansas City, Mo. Intaglio printing machine. 2,053,510; Sept. 8.
- Bender Warrick Corporation. (See Warrick, Charles F., assignor.)
- Bendersky, Sadie, Irvington, N. J. Dress shield and making the same. 2,058,052; Oct. 20.
- Bendfelt, Herbert A., Shorewood, Wis., assignor, by mesne assignments, to Vogt Processes, Incorporated, Louisville, Ky. Injecting edible material into ice cream and the like. 2,032,970; Mar. 3.
- Bendfelt, Herbert A., Milwaukee, Wis., assignor to Vogt Processes, Incorporated, Louisville, Ky. Apparatus for injecting immiscible material into ice cream and the like. 2,032,971; Mar. 3.
- Bendix Aviation Corporation. (See Bendix, Vincent, assignor.)
- Bendix Aviation Corporation. (See Blake, K. R., and Hill, assignors.)
- Bendix Aviation Corporation. (See Bragg, Caleb S., assignor.)
- Bendix Aviation Corporation. (See Budd, Clarence E., assignor.)
- Bendix Aviation Corporation. (See Carbonara, Victor E., assignor.)
- Bendix Aviation Corporation. (See Carroll, Eugene G., assignor.)
- Bendix Aviation Corporation. (See Carroll, E. G., and Cox, assignors.)
- Bendix Aviation Corporation. (See Cautley, John R., assignor.)
- Bendix Aviation Corporation. (See Chandler, Milton E., assignor.)
- Bendix Aviation Corporation. (See Cunningham, M. M., and Berno, assignors.)
- Bendix Aviation Corporation. (See Dodge, Adiel Y., assignor.)
- Bendix Aviation Corporation. (See Edelen, J. L., and Hunt, assignors.)
- Bendix Aviation Corporation. (See Floyd, J. M., Long, Nash, and Dibble, assignors.)
- Bendix Aviation Corporation. (See Frank, Frederick C., assignor.)
- Bendix Aviation Corporation. (See Gernandt, Waldo G., assignor.)
- Bendix Aviation Corporation. (See Goepfrich, Rudolph A., assignor.)
- Bendix Aviation Corporation. (See Hedler, Edwin C., assignor.)
- Bendix Aviation Corporation. (See Hofer, Alfred H., assignor.)
- Bendix Aviation Corporation. (See House, Bryan E., assignor.)
- Bendix Aviation Corporation. (See Hunt, Scott F., assignor.)
- Bendix Aviation Corporation. (See Ketay, Morris F., assignor.)
- Bendix Aviation Corporation. (See Kliesrath, Victor W., assignor.)
- Bendix Aviation Corporation. (See Koch, Paul W., assignor.)
- Bendix Aviation Corporation. (See Kohr, Robert F., assignor.)
- Bendix Aviation Corporation. (See La Brie, Ludger E., assignor.)
- Bendix Aviation Corporation. (See Laddon, I. M., and Lyon, assignors.)
- Bendix Aviation Corporation. (See Lauret, Marin A., assignor.)
- Bendix Aviation Corporation. (See Linder, Francis, assignor.)
- Bendix Aviation Corporation. (See Mahoney, J. P., and Long, assignors.)
- Bendix Aviation Corporation. (See Norton, Raymond J., assignor.)
- Bendix Aviation Corporation. (See Price, H. W., and E. R.)
- Bendix Aviation Corporation. (See Price, H. W., and Kliesrath, assignors.)
- Bendix Aviation Corporation. (See Reichel, W. A., and Ketay, assignors.)
- Bendix Aviation Corporation. (See Rosner, Adolph, assignor.)
- Bendix Aviation Corporation. (See Sanford, Roy S., assignor.)
- Bendix Aviation Corporation. (See Sanford, R. S., and Wadsworth, assignors.)
- Bendix Aviation Corporation. (See Smith, Stuyvesant C., assignor.)
- Bendix Aviation Corporation. (See Spengler, Walter J., assignor.)
- Bendix Aviation Corporation. (See Starr, Albert C., assignor.)
- Bendix Aviation Corporation. (See Starr, Charles E., assignor.)
- Bendix Aviation Corporation. (See Thomas, Archibald P., assignor.)
- Bendix Aviation Corporation. (See Wadsworth, Frank L. O., assignor.)
- Bendix Aviation Corporation. (See Warren, Kenneth W., assignor.)



- Bendix Aviation Corporation. (See Werner, Oscar, assignor.)
- Bendix Aviation Corporation. (See Wirth, Emil O., assignor.)
- Bendix Aviation Corporation. (See Wirth, E. O., and Barford, assignors.)
- Bendix Aviation Corporation. (See Zand, Stephen J., assignor.)
- Bendix Brake Company. (See Babel, Raymond A., assignor.)
- Bendix Brake Company. (See Bendix, Vincent, assignor.)
- Bendix Brake Company. (See Bendix, V., and LaBrie, assignors.)
- Bendix Brake Company. (See Carroll, Eugene G., assignor.)
- Bendix Brake Company. (See Cotterman, Frederick W., assignor.)
- Bendix Brake Company. (See Dalahaye, Walter H., assignor.)
- Bendix Brake Company. (See Dodge, Adiel Y., assignor.)
- Bendix Brake Company. (See Frank, Frederick C., assignor.)
- Bendix Brake Company. (See Frankland, Edwin, assignor.)
- Bendix Brake Company. (See Kohr, Robert F., assignor.)
- Bendix Brake Company. (See La Brie, Ludger E., assignor.)
- Bendix Brake Company. (See La Brie, L. E., and Rosner, assignors.)
- Bendix Brake Company. (See McConkey, Montgomery W., assignor.)
- Bendix Brake Company. (See Norton, Raymond J., assignor.)
- Bendix Brake Company. (See Parker, H. F., and House, assignors.)
- Bendix Brake Company. (See Rosner, Adolph, assignor.)
- Bendix Brake Company. (See Sanford, Roy S., assignor.)
- Bendix Brake Company. (See Stelzer, William, assignor.)
- Bendix Brake Company. (See Taylor, Cecil H., assignor.)
- Bendix Brake Company. (See Taylor, Eugene V., assignor.)
- Bendix Brake Company. (See Turgot, Robert C. L. P., assignor.)
- Bendix Brake Company. (See Wells, Franklin H., assignor.)
- Bendix Brake Company. (See White, Clyde L., assignor.)
- Bendix Brake Company. (See Whitworth, Stanley, assignor.)
- Bendix-Cowdrey Brake Tester, Inc. (See Dodge, A. Y., and Statz, assignors.)
- Bendix Products Corporation. (See Budd, Clarence E., assignor.)
- Bendix Products Corporation. (See Chandler, M. E., and Cole, assignors.)
- Bendix Products Corporation. (See Cunningham, Marion M., assignor.)
- Bendix Products Corporation. (See Dessart, Jean, assignor.)
- Bendix Products Corporation. (See Gallup, David L., assignor.)
- Bendix Products Corporation. (See Hopkins, Charles L., assignor.)
- Bendix Products Corporation. (See Hunt, Scott F., assignor.)
- Bendix Products Corporation. (See Jordan, Fredrick H., assignor.)
- Bendix Products Corporation. (See Koppel, Ernest R., assignor.)
- Bendix Products Corporation. (See La Brie, Ludger E., assignor.)
- Bendix Products Corporation. (See Linthwaite, Owen C., assignor.)
- Bendix Products Corporation. (See Tatter, John W., assignor.)
- Bendix Research Corporation. (See Gregg, David, assignor.)
- Bendix Research Corporation. (See Mock, Frank C., assignor.)
- Bendix Research Corporation. (See Smith, Stuyvesant, C., assignor.)
- Bendix Stromberg Carburetor Company. (See Mock, Frank C., assignor.)
- Bendix Stromberg Carburetor Company. (See Prentiss, Augustin M., assignor.)
- Bendix, Vincent, Chicago, assignor to Bendix Brake Company, South Bend, Ind. Brake mechanism. 2,046,053; June 30.
- Bendix, Vincent, assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,063,024; Dec. 8.
- Bendix, Vincent, Chicago, Ill., and L. E. La Brie, assignors to Bendix Brake Company, South Bend, Ind. Brake. 2,028,583; Jan. 21.
- Bendix-Westinghouse Automotive Air Brake Company. (See Casler, Roger H., assignor.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Casler, R. H., and Eaton, assignors.)
- Bendix Westinghouse Automotive Air Brake Company. (See Eaton, Wilfred A., assignor.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Johnson, Stephen, Jr., assignor.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Johnson, S., Jr., and Casler, assignors.)
- Bendix Westinghouse Automotive Air Brake Company. (See Johnson, S., Jr., and Eaton, assignors.)
- Bendix-Westinghouse Automotive Air Brake Company, The. (See McCune, J. C., and Johnson, assignors.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Russell, Robert C., assignor.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Turek, Thomas J., assignor.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Vorech, Stephen, assignor.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Vorech, S., and Eaton, assignors.)
- Bendix Westinghouse Automotive Air Brake Company. (See Vorech, S., and Johnson, assignors.)
- Benedek, Elek, Mount Gilead, Ohio. Grinding antifriction needle bearings. 2,062,803; Dec. 1.
- Benedek, Elek K., assignor to The Hydraulic Press Mfg. Company, Mount Gilead, Ohio. Pump or motor. 2,032,079; Feb. 25.
- Benedict, Edward L., Oakmont, assignor to Pittsburgh Steel Company, Pittsburgh, Pa. Highway guard. 2,043,525; June 9.
- Benedict, Frank, Rutherford, N. J., assignor to General Railway Signal Company, Rochester, N. Y. Battery charging system. 2,035,420; Mar. 24.
- Benedict, Frank, Rutherford, N. J., assignor to General Railway Signal Company, Rochester, N. Y. Train dispatching system for railroads. 2,058,554; Oct. 27.
- Benedict, Frank, Rutherford, N. J., and P. E. Carter, Bronxville, N. Y., assignors to General Railway Signal Company, Rochester, N. Y. Train dispatching system for railroads. 2,037,875; Apr. 21.
- Benedict, Wayne L., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 2,051,814; Aug. 25.
- Bener, Christian, Chur, assignor to Raduner & Co., A-G., Horn, Switzerland. Dressing fabrics. 2,031,245; Feb. 18.
- Benfer, Richard W., New Rochelle, N. Y., assignor, by mesne assignments, to Western Electric Company, Incorporated. Film guiding apparatus. 2,038,980; Apr. 28.
- Benford, Frank A., Schenectady, N. Y., assignor to General Electric Company. Reflector and designing same. 2,050,035; Aug. 4.
- Benge, Frank H., Norristown, Pa., assignor to Continental-Diamond Fibre Company, Newark, Del. Spinning bucket. 2,028,040; Jan. 14.
- Benge, Frank H., Norristown, Pa., assignor to Continental-Diamond Fibre Company, Newark, Del. Gear. 2,064,144; Dec. 15.
- Benge, Frank H., Norristown, Pa., assignor to Continental-Diamond Fibre Company, Newark, Del. Gearing. 2,064,723; Dec. 15.
- Benge, Frank H., Norristown, and J. Petho, Spring Mount, Pa., assignors to Continental-Diamond Fibre Company, Newark, Del. Fiber spoke gear. 2,050,916; Aug. 11.
- Bengston, Helmer, Indianapolis, Ind., assignor, by mesne assignments, to Aluminum Company of America, Pittsburgh, Pa. Coated aluminum piston. 2,036,740; Apr. 7.
- Bengtson, Eskil, Crystal Lake, assignor, by mesne assignments, to Cinch Manufacturing Corporation, Chicago, Ill. Cable marker strip and making the same. 2,043,919; June 9.
- Benham, Dallas B., Minneapolis, Minn. Universal joint. 2,057,875; Oct. 20.
- Benham, Daniel W., et al. (See Dumas, Eugene J., assignor.)
- Benham, Frank L., assignor to Ohio Seamless Tube Company, Shelby, Ohio. Apparatus for reducing and elongating tubes. 2,026,666; Jan. 7.
- Ben Hur Products, Inc. (See Behr, Siegfried, assignor.)
- Benicia Fisheries. (See Wetmore, Paul S., assignor.)
- Beniston, William J., Seaford, N. Y., and J. L. Beers, Bloomfield, N. J., assignors to Julius Kayser & Company, Brooklyn, N. Y. Speed indicator and tension regulator for warp knitting machines. 2,030,425; Feb. 11.
- Benjamin, Benjamin, Freeport, assignor to Schwartz & Benjamin, Incorporated, Brooklyn, N. Y. Shoe. 2,049,347; July 28.
- Benjamin, Bert R. (See Johnston, E. A., and Benjamin.)
- Benjamin, Bert R., Oak Park, and J. Morkovski, Canton, Ill., assignors to International Harvester Company. Tractor beet harvester. 2,037,960; Apr. 21.
- Benjamin, Edward O., North Caldwell, N. J. Oil burner. 2,066,026; Dec. 29.
- Benjamin Electric Mfg. Company. (See Benjamin, Reuben B., assignor.)
- Benjamin Electric Mfg. Company. (See Dumont, Eugene S., assignor.)
- Benjamin, Howard A., Maywood, Ill., assignor to American Can Company, New York, N. Y. Temperature measuring apparatus. 2,036,618; Apr. 7.
- Benjamin, Mark, Wembley, assignor to The M-O Valve Company Limited, London, England. Production of highly electro-positive metals within sealed vessels, such, for example, as thermionic valves. 2,054,649; Sept. 15.
- Benjamin, Reuben B., Chicago, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Floodlight. 2,040,821; May 19.
- Benjamin, Sidney H., Milwaukee, Wis. Safety razor. 2,048,489; July 21.
- Benkly, George N., Paris, France. Room cooling unit. 2,046,314; July 7.



- Benkman, Curtis W., F. C. Rodrigues, and H. F. Opperman, Lanikai, Territory of Hawaii. Direction signal for vehicles. 2,032,560; Mar. 3.
- Benner, James J., Maple Heights, assignor to The Gebauer Chemical Company, Cleveland, Ohio. Device for administering volatile liquid anesthetics. 2,046,300; June 30.
- Benner, Raymond C. (See Melton, R. L., and Benner.)
- Benner, Raymond C., assignor to The Carborundum Company, Niagara Falls, N. Y. Cast refractory and manufacturing the same. 2,060,017; Nov. 10.
- Benner, Raymond C., and W. G. Soley, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive wheel and making the same. 2,028,183; Jan. 21.
- Benner, Raymond C., R. L. Melton, and H. P. Kirchner, assignors to The Carborundum Company, Niagara Falls, N. Y. Granular coated web and making same. 2,035,521; Mar. 31.
- Benner, Raymond C., and H. N. Baumann, Jr., assignors to The Carborundum Company, Niagara Falls, N. Y. Producing a ceramic body. 2,036,190; Apr. 7.
- Benner, Raymond C., and G. J. Easter, assignors to The Carborundum Company, Niagara Falls, N. Y. Making bonded silicon carbide refractories. 2,040,236; May 12.
- Benner, Raymond C., G. J. Easter, and A. J. Thompson, assignors to The Carborundum Company, Niagara Falls, N. Y. Silicon carbide refractory. 2,041,808; May 26.
- Benner, Raymond C., and H. N. Baumann, Jr., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive material and making the same. 2,046,764; July 7.
- Benner, Raymond C., H. N. Baumann, Jr., and G. J. Easter, assignors to The Carborundum Company, Niagara Falls, N. Y. Silica refractory articles and making same. 2,047,457; July 14.
- Benner, Raymond C., and G. J. Easter, assignors to The Carborundum Company, Niagara Falls, N. Y. Producing cast refractory and similar articles. 2,048,319; July 21.
- Benner, Raymond C., H. P. Kirchner, and R. L. Melton, assignors to The Carborundum Company, Niagara Falls, N. Y. Method and apparatus for making granular coated webs. 2,049,535; Aug. 4.
- Benner, Raymond C., and R. L. Melton, assignors to The Carborundum Company, Niagara Falls, N. Y. Manufacturing abrasive coated articles. 2,053,360; Sept. 8.
- Benner, Raymond C., and R. L. Melton, assignors to The Carborundum Company, Niagara Falls, N. Y. Manufacturing abrasive coated fabrics. 2,053,361; Sept. 8.
- Benner, Raymond C., Niagara Falls, O. L. Mahlman, Kenmore, and W. D. Rossow, Niagara Falls, assignors to The Carborundum Company, Niagara Falls, N. Y. Manufacture of abrasive articles. 2,061,931; Nov. 24.
- Benner, Russell E., Buffalo, assignor to Remington Typewriter Company, Iliou, N. Y. Typewriting machine. 2,040,424; May 12.
- Benner, Verne W. (See Grayson, E. C., and Benner.)
- Bennett, Alexander H., London, England. Manufacture of acid calcium citrate. 2,027,264; Jan. 7.
- Bennett, Arthur, San Francisco, Calif. Advertising bracket sign. 2,049,638; Aug. 4.
- Bennett, Arthur, San Francisco, Calif. Gumming machine. 2,062,284; Dec. 1.
- Bennett, Arthur F., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone transmitter. 2,042,821; June 2.
- Bennett, Arthur F., West Barrington, R. I., assignor to Brown & Sharpe Manufacturing Company. Machine tool structure. 2,055,783; Sept. 29.
- Bennett, Arthur F., Richmond Hill, N. Y., and M. K. Gordon, Jr., Newark, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifying system. 2,031,919; Feb. 25.
- Bennett, Arthur F., Millburn, and W. Tuffnell, Hawthorne, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone transmitter. 2,042,822; June 2.
- Bennett, Arya L., Sheridan, Ind. Mechanism testing device. 2,042,761; June 2.
- Bennett, Charles A., and F. L. Gerdes, Stoneville, Miss., assignors to The Government and The People of The United States of America. Device for culling and grading seed cotton. 2,045,064; June 23.
- Bennett, Charles E., Hawthorne, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Leak indicating apparatus for oil filled electric power cables. 2,043,227; June 9.
- Bennett, Charles E., Hawthorne, assignor to The Okonite-Callender Cable Company, Paterson, N. J. Apparatus for shipping and installing electric power cables. 2,046,364; July 7.
- Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric cable system. 2,062,289; Dec. 1.
- Bennett, Clarence G., Portland, Oreg., assignor to Paterson Parchment Paper Company, Bristol, Pa. Filter. 2,041,043; May 19.
- Bennett-Clark Co. (See Codier, Oscar, assignor.)
- Bennett-Clark Co. (See Hoover, Charles O., assignor.)
- Bennett, Edwin O. (See Moran, D. J., and Bennett.)
- Bennett, Edwin O., assignor to Continental Oil Company, Ponca City, Okla. Flexible stuffing box assembly. 2,041,316; May 19.
- Bennett, Edwin O., assignor to Continental Oil Company, Ponca City, Okla. Pumping rod assembly. 2,048,320; July 21.
- Bennett, Frank I., Jr. (See Bender, H. L., and Bennett.)
- Bennett, Frank W., Enfield, England. Collapsing basket for fruit or other fragile articles. 2,036,995; Apr. 14.
- Bennett, Geoffrey R., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Composite structure. 2,029,906; Feb. 4.
- Bennett, George L., Terre Haute, Ind. Compartment freight car. 2,033,119; Mar. 10.
- Bennett, George L., Terre Haute, Ind. Less than carload freight container. 2,037,700; Apr. 21.
- Bennett, George L., Terre Haute, Ind. Wall structure and making the same. 2,065,510; Dec. 29.
- Bennett, Harold R. (See Goudey, R. F., and S. M. and H. R. Bennett.)
- Bennett, Harry T., assignor to Mid-Continent Petroleum Corporation, Tulsa, Okla. Making high viscosity index oils. 2,044,603; June 16.
- Bennett, Harry T., assignor to Mid-Continent Petroleum Corporation, Tulsa, Okla. Apparatus for making high viscosity index lubricating oils. 2,054,613; Sept. 15.
- Bennett, Harry T., and Le R. G. Story, Tulsa, Okla., assignors, by mesne assignments, to Gasoline Antioxidant Company, Wilmington, Del. Motor fuel and producing the same. 2,038,630; Apr. 28.
- Bennett, Harry T., Tulsa, Okla., and L. R. G. Story, Mount Vernon, N. Y., assignors, by mesne assignments, to Gasoline Antioxidant Company, Wilmington, Del. Gasoline and making the same. 2,038,631; Apr. 28.
- Bennett, Harry T., Tulsa, Okla., and L. R. G. Story, Beacon, N. Y., assignors, by mesne assignments, to Gasoline Antioxidant Company, Wilmington, Del. Gasoline and making the same. 2,038,632; Apr. 28.
- Bennett, Harry T., and J. L. Burkitt, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Removing oil from beta beta dichlorethyl ether. 2,053,457; Sept. 8.
- Bennett, Harry T., and L. G. Story, Tulsa, Okla., assignors, by mesne assignments, to Gasoline Antioxidant Company, Wilmington, Del. Gasoline and making the same. 2,053,511; Sept. 8.
- Bennett, Harry T., Tulsa, Okla., and L. G. Story, Bronxville, N. Y., assignors, by mesne assignments, to Gasoline Antioxidant Company, Wilmington, Del. Gasoline and making the same. 2,053,512; Sept. 8.
- Bennett, Herbert G. R., Duquesne, Pa. Adjustable shear gauge. 2,065,420; Dec. 22.
- Bennett, Incorporated. (See Outterson, Charles R., assignor.)
- Bennett, Jerry, Scottsville, assignor to General Railway Signal Company, Rochester, N. Y. Signaling system for railroads. 2,049,404; July 28.
- Bennett, John M., Detroit, Mich. Key holder. 2,029,696; Feb. 4.
- Bennett, John M., Detroit, Mich. Key holder. 2,051,935; Aug. 25.
- Bennett, Joseph A., assignor of forty-five per cent to J. W. Piercy, Bloomington, Ind. Machine for reproducing printing plates from pictures. 2,047,851; July 14.
- Bennett, Joseph S., Merion, assignor to American Engineering Company, Philadelphia, Pa. Furnace. 2,029,285; Feb. 4.
- Bennett, Joseph S., Merion, Pa., assignor to American Engineering Company, Philadelphia, Pa. Hopper. 2,052,959; Sept. 1.
- Bennett, Joseph S., Merion, assignor to American Engineering Company, Philadelphia, Pa. Hopper. 2,053,862; Sept. 8.
- Bennett, Joseph S., Merion, assignor to American Engineering Company, Philadelphia, Pa. Stoker furnace. 2,053,863; Sept. 8.
- Bennett, Maurice D., and S. M. Archer, assignors to The Yale & Towne Mfg. Co., Stamford, Conn. Safe. 2,027,353; Jan. 7.
- Bennett, Morris H., Prospect, assignor to Scovill Manufacturing Company, Waterbury, Conn. Condenser. 2,039,622; May 5.
- Bennett, Morris H., Prospect, assignor to Scovill Manufacturing Company, Waterbury, Conn. Condenser. 2,039,623; May 5.
- Bennett, Morris H., Prospect, assignor to Scovill Manufacturing Company, Waterbury, Conn. Condenser. 2,041,280; May 19.
- Bennett, Otto H., Los Angeles, Calif. Automatic photoroll printer. 2,054,237; Sept. 15.
- Bennett, Owen G., assignor to Catalyst Research Corporation, Baltimore, Md. Apparatus for diffusing gases. 2,045,379; June 23.
- Bennett, Ralph S., Pittsfield, Mass., assignor to General Electric Company. Fuse cut-out. 2,066,172; Dec. 29.
- Bennett, Ross G., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Flexible attachment plug cap with strain relief. 2,047,094; July 7.
- Bennett, Schuyler M. (See Goudey, R. F., and S. M. and H. R. Bennett.)
- Bennett, Stanley Q., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,029,907; Feb. 4.
- Bennett, Stevens A., assignor to Wilson & Bennett Manufacturing Company, Chicago, Ill. Pouring spout. 2,040,800; May 12.
- Bennett, Theodore A., Chicago, Ill. Astigmometer. 2,026,607; Jan. 7.
- Bennett, Thomas R. (See Quick, C. G., and Bennett.)



- Bennett, Wilbur, Gouldsboro, assignor to The Early Foundry Company, Dickson City, Pa. Combined range. 2,043,316; June 9.
- Bennett, William G., Epsom, England, assignor to Standard Brands Incorporated, New York, N. Y. Manufacture of yeast. 2,059,980; Nov. 3.
- Benning, Anthony F. (See Calcott, W. S., and Benning.)
- Benninger, Eugen, Zurich, Switzerland. Calculating machine. 2,062,963; Dec. 1.
- Benningfield, Henry B., East Peoria, Ill. Swing. 2,052,915; Sept. 1.
- Benninghoff, William L., Shaker Heights, Ohio. Machine for cutting threads. 2,054,028; Sept. 8.
- Benninghoff, William L., Shaker Heights, Ohio. Machine for cutting threads. 2,054,029; Sept. 8.
- Bennington, Earl T., Cleveland Heights, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Automatic dispatch and discharge system. 2,039,473; May 5.
- Bennington, Frank W., Portis, assignor of one-half to R. L. Hamilton, Beloit, Kans. Vehicle brake. 2,048,053; July 21.
- Beno, Norman J. (See Madenwald, F. A., and Beno.)
- Benoit, Leon, New York, N. Y. Cushion support for eggs and the like. 2,030,564; Feb. 11.
- Benoit, Leon, New York, and E. J. Kanabay, Nyack, N. Y., said Kanabay, assignor to said Benoit. Mechanism for producing cartons. 2,038,406; Apr. 21.
- Benolken, Clemence J., St. Paul, Minn. Automobile heating and defrosting apparatus. 2,045,826; June 30.
- Benroth, Julius S., et al. (See Sweek, William O., assignors.)
- Benroth, Julius S. (See Sweek, W. O., and Benroth.)
- Bensen, Bernt M., Brooklyn, N. Y. Carpenter's tool. 2,056,948; Oct. 13.
- Benshimol, Ernest, Arlington, Mass. Geometric tool. 2,031,920; Feb. 25.
- Benshimol, Ernest, Arlington, Mass. Beam compass. 2,062,157; Nov. 24.
- Benson, Arthur B. (See Czischki, A. H., and Benson.)
- Benson, Bernhart A., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric hair drier. 2,041,687; May 26.
- Benson, Bernhart A., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Fan-heater. 2,041,897; May 26.
- Benson, Carl N., Jenkintown, Pa., assignor to S K F Industries, Inc., Philadelphia, Pa. Tension pulley for tape drives in textile machinery. 2,039,875; May 5.
- Benson, Charles E., assignor to Los Angeles Engraving Company, Inc., Los Angeles, Calif. Photoengraving screen and producing same. 2,041,317; May 19.
- Benson, George O., Niagara Falls, N. Y. Clamping device. 2,027,220; Jan. 7.
- Benson, Jewell R., Troy, Kans. Surface gauge and marker. 2,045,563; June 30.
- Benson, Louis S., Wellston, Ohio. Multiple baking pan. 2,035,041; Mar. 24.
- Benson, Melvin B., Jackson Heights, assignor, by mesne assignments, to Mayfair Shade Corporation, New York, N. Y. Shade cord lock. 2,056,154; Oct. 6.
- Benson, Ralph L., Toledo, Iowa, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic dishwasher. 2,030,092; Feb. 11.
- Bent, Franklin A., and S. N. Wik, Berkeley, Calif. Production of hydrated olefines. 2,036,317; Apr. 7.
- Bent, Franklin A., and W. Engs, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Dehydrating cellulose derivatives and products therefrom. 2,043,946; June 9.
- Bent, James A., Detroit, Mich. Engine mounting. 2,060,784; Nov. 17.
- Bent, Leavitt N. (See Borglin, J. N., and Bent.)
- Bent, Quincy, Friedensville, and E. F. Kenney, Bethlehem, Pa., assignors to Bethlehem Steel Company. Process and apparatus for rail handling and treatment. 2,029,286; Feb. 4.
- Bentley Engineering Company, Limited, The. (See Bentley, P. A., Deans, Manger, and Wainwright, assignors.)
- Bentley Engineering Company Limited, The. (See Deans, F. E., Manger, and Wainwright, assignors.)
- Bentley, Jetson O., Castle Point, N. Y., assignor to General Electric Company. Power tube anode. 2,053,126; Sept. 1.
- Bentley, John W. (See Schmitz, P. H., and Bentley.)
- Bentley, Llewellyn W., Riverside, Calif. Electric cooking range. 2,043,879; June 9.
- Bentley, Marguerite E., Longfield, England. Bath. 2,066,088; Dec. 29.
- Bentley, Maurice R., and R. R. Reppert, Bryan, Tex. Device for measuring land. 2,062,388; Dec. 1.
- Bentley, Murray & Co. (See Hoyer, Otto, assignor.)
- Bentley, Percival A., F. E. Deans, C. F. Manger, and C. H. Wainwright, assignors to The Bentley Engineering Company Limited, Leicester, England. Circular knitting machine and method of knitting. 2,045,938; June 30.
- Bentley, Raymond, assignor of one-half to Knut Hovden, Monterey, Calif. Drainer. 2,059,432; Nov. 3.
- Bentley, Robert H., assignor to The Arrow-Hart & Hege-man Electric Company, Hartford, Conn. Wire terminal and heater mounting for overload electric switches. 2,056,119; Sept. 29.
- Bentley, Wallace C. (See Peddie, F., Bentley, and Israel.)
- Benton, Azor M. (See Benton, Lemuel B., and A. M.)
- Benton, Lemuel B. and A. M., Napoleon, Mich. Fruit ladder. 2,049,151; July 28.
- Bentz, Frank J., New York, N. Y. Drawing portfolio. 2,039,207; Apr. 28.
- Bentz, Fred, Temple, Tex. Auto brake. 2,046,316; July 7.
- Bentz, Fred M., Temple, Tex. Safety valve for hydraulic brakes. 2,046,315; July 7.
- Bentz, Jacob, Bismarck, N. Dak. Tool chest. 2,044,661; June 16.
- Bentzin, Frank A., St. Paul, Minn. Roller skate. 2,048,916; July 28.
- Benway, William G. G., New York, N. Y. Advertising display sign. 2,056,383; Oct. 6.
- Benz, Cyril C., Long Beach, Calif. Process and apparatus for fractionating liquids. 2,034,891; Mar. 24.
- Benzing, Hugo, assignor to Aktiengesellschaft vorm. Seidel, & Naumann, Dresden, Germany. Joint for connecting movable members of typewriters or the like. 2,033,605; Mar. 10.
- Benzon, George H., Jr., Jenkintown, assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Planer and similar machine. 2,047,052; July 7.
- Beplate, Viktor. (See Glatzel, G., and Beplate.)
- Ber, Leon E., New Orleans, La. Plait anchoring means for garments. 2,064,724; Dec. 15.
- Beran, Charles F., Tuckahoe, N. Y., assignor to Celanese Corporation of America. Air conditioning. 2,064,808; Dec. 22.
- Berard, Hector R., Worcester, Mass. Bottle labeling machine. 2,061,823; Nov. 24.
- Berberich, Willi, Heilbronn-on-the-Neckar, Germany. Loose leaf book. 2,052,207; Aug. 25.
- Berby, Ola L., assignor to Clyde Iron Works, Duluth, Minn. Pawl release. 2,042,762; June 2.
- Berchtold, Albert, Zurich-Oberlikon, Switzerland. Tire for vehicle wheels. 2,032,905; Mar. 3.
- Bercovitz, Louis. (See Singer, S., Silverman, Friedman, and Bercovitz.)
- Berdon, Albert E., Yellow Springs, Ohio. Trigger pull compensation for firearms. 2,046,996; July 7.
- Berdon, Albert E., assignor to Antioch Industrial Research Institute, Inc., Yellow Springs, Ohio. Recording device. 2,030,909; Feb. 18.
- Bereche, Ernest V., Flushing, assignor to Industrial Electronic Control Co. Inc., New York, N. Y. Photo-touch sensitive apparatus. 2,052,916; Sept. 1.
- Bereinigte-Stahlwerke Aktiengesellschaft. (See Belk-mann, Wilhelm, assignor.)
- Berg, Edward C., Chicago, Ill., assignor to Ace Carton Corporation. Carton. 2,057,180; Oct. 13.
- Berg, Elaine, Minneapolis, Minn. Sanitary garment. 2,052,598; Sept. 1.
- Berg, Herman. (See Van Deusen, D. E., and Berg.)
- Berg, Herman, assignor to The Kelly Reamer Company, Cleveland, Ohio. Boring tool. 2,029,458; Feb. 4.
- Berg, Nanstad, Cleveland Heights, assignor of one-half to J. H. Bruce, Shaker Heights, Ohio. Clothesline prop. 2,031,091; Feb. 18.
- Berg, Robert H., San Francisco, Calif. Truck and trailer loading and unloading device. 2,045,566; June 30.
- Bergamini, Herbert M. (See Stephenson, Albert, assignor.)
- Bergamini, Herbert M., assignor of one-half to A. Stephenson, New York, N. Y. Fracture and orthopedic operating machine. 2,027,805; Jan. 14.
- Bergdolt, Alfred, Cologne-on-the-Rhine, A. Ossenbeck, Cologne/Mulheim, E. Tietze and F. Gund, Cologne-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Fibers dyed with water-insoluble azo-dyestuffs. 2,032,463; Mar. 3.
- Bergen, Harold E., Pacific Grove, assignor to K. Hovden Company, Monterey, Calif. Fish product and treating fish. 2,058,849; Oct. 27.
- Bergen, Martin J., West Newbury, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Folding machine. 2,035,522; Mar. 31.
- Berger, Adolph F. (See Williams, E. A., and Berger.)
- Berger, Albert, Brooklyn, N. Y. Powder dispenser. 2,048,670; July 28.
- Berger, Charles E., Norristown, and R. C. Parkes, Philadelphia, Pa. Loading machine. 2,056,501; Oct. 6.
- Berger, Edwin R., et al. (See Franklin, Albert W., assignor.)
- Berger, Emil J., Hatfield, assignor to Dextdale Hoslery Mills, Landsdale, Pa. Stocking. 2,038,407; Apr. 21.
- Berger, Fred H., Los Angeles, Calif. Tile spacer. 2,031,684; Feb. 25.
- Berger, Henry G., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of synthetic resins. 2,043,824; June 9.
- Berger, Henry G., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of synthetic resins. 2,043,825; June 9.
- Berger, Joseph, Utica, N. Y., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine for seaming and covering the edge portions of fabric sections. 2,046,933; July 7.
- Berger, Knute, Seattle, Wash. Lead block. 2,032,464; Mar. 3.
- Berger Manufacturing Company, et al. (See Foehrenbach, A. F., and Shoup, assignors.)
- Berger Manufacturing Company et al. (See Foehrenbach, A. F., Shoup, Buorquin, and Shoup, assignors.)
- Berger, Maurice P. (See Hertz, S., and Berger.)



- Berger, Paul, Chicago, assignor of two-thirds to W. W. Miller, Evanston, and L. G. Petteyman, Chicago, Ill. Roasting machine. 2,041,318; May 19.
- Berger, Paul, St. Fons, and A. F. Bidaud, Serezin-du-Rhone, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Manufacture of cellulose derivatives. 2,047,189; July 14.
- Berger, Richard, assignor to the firm Rotaprint Akt.-Ges., Berlin, Germany. Office printing sheet. 2,050,777; Aug. 11.
- Berger, Samuel, Philadelphia, Pa. Necktie construction. 2,052,161; Aug. 25.
- Bergeron, Rodolphe, St. Paulin, assignor of one-half to J. McMurray, St. Alexis des Monts, Quebec, Canada. Inflated mattress. 2,039,289; May 5.
- Berggren, Charles W., Brooklyn, N. Y. Pump and compressor. 2,029,554; Feb. 4.
- Berggren, John L. (See Scott, Walter H., assignor.)
- Berggren, John L. (See Warnick, P. M., and Scott, assignors.)
- Berggren, Per J., Chicago, Ill. Shutter and shutter adjustment for cameras. 2,045,260; June 23.
- Berggren, Per J., New York, N. Y. Film loop control for motion picture machines. 2,045,748; June 30.
- Berggren, Per J., New York, N. Y. Motion picture camera. 2,049,041; July 28.
- Berggren, Per J., New York, N. Y. Framing mechanism for motion picture machines. 2,049,042; July 28.
- Berggren, Per J., New York, N. Y. Shutter for motion picture cameras. 2,052,960; Sept. 1.
- Berghoff, Joseph J., Archibald E. Boman, and G. M. Williams, Detroit, Mich. Bridge kit. 2,034,937; Mar. 24.
- Bergholm, Harry K., Larchmont, N. Y., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Absorption type refrigerating system. 2,055,856; Sept. 29.
- Bergholm, Harry K., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,063,292; Dec. 8.
- Bergholt, Fred B., Minneapolis, Minn. Automobile. 2,028,184; Jan. 21.
- Bergk, Kurt, Berlin-Tempelhof, and J. Hofmann, Berlin-Reinickendorf-Ost, assignors to Elektrizitätsgesellschaft "Sanitas" m. b. H., Berlin, Germany. Diathermic apparatus for generating short or ultra-short waves. 2,043,422; June 9.
- Berglund, Arthur. (See Bundick, C. U., and Berglund.)
- Berglund, Arthur, Dobbs Ferry, N. Y. Sound reproducing apparatus. 2,063,578; Dec. 8.
- Berglund, Per. (See Ash, C. S., and Berglund.)
- Bergman, George W., Evanston, Ill. Signal. 2,026,770; Jan. 7.
- Bergman, Gustaf, Detroit, Mich. Massaging machine. 2,036,677; Apr. 7.
- Bergman, Harry, et al. (See Looney, William R., assignor.)
- Bergman, Herbert A., Chicago, Ill., assignor to Zim Manufacturing Company. Tool for lapping valve seats. 2,029,753; Feb. 4.
- Bergman, John, New Brunswick, N. J. Illuminated fountain display. 2,034,792; Mar. 24.
- Bergman, Margaret, Poulsbo, Wash. Loom. 2,057,997; Oct. 20.
- Bergman, Sam, Tampa, Fla. Syringe. 2,062,285; Dec. 1.
- Bergman, Sidney M. (See Shoelman, M. and Bergman.)
- Bergman, Sven R., Nahant, Mass., assignor to General Electric Company. Dynamo - electric machine. 2,030,678; Feb. 11.
- Bergman, Sven R., Nahant, Mass., assignor to General Electric Company. Commutating type dynamo-electric machine. 2,049,348; July 28.
- Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyor. 2,028,433; Jan. 21.
- Bergmans, Jan. (See Uytterhoeven, W., and Bergmans.)
- Bergmans, Jan, Eindhoven, Netherlands, assignor to General Electric Company. Electric incandescent lamp. 2,045,512; June 23.
- Bergner, John C., Lansdowne, Pa., assignor to Doughnut Corporation of America, New York, N. Y. Doughnut machine and the like. 2,057,639; Oct. 13.
- Bergner, Luther F., assignor of one-half to A. B. Day, Washington, Pa. Support and retainer for folding chair seats. 2,044,378; June 16.
- Bergquist, Arthur E., assignor of one-fourth to A. E. Gustafson, and one-fourth to A. E. Martenson, Lindstrom, Minn. Cooky caddy. 2,051,512; Aug. 13.
- Bergquist, Ernest J., Superior, Wis. Feed water heater. 2,032,522; Mar. 3.
- Bergqvist, Abe. (See Seying, F. W., Bergqvist, and Olsson.)
- Bergstein, Samuel, Cincinnati, Ohio. Egg carton. 2,033,222; Mar. 10.
- Bergstein, Samuel, Cincinnati, Ohio. Making flat tubular bodies with flaps. 2,033,223; Mar. 10.
- Bergstrand, Andrew P., assignor to Strombeck-Becker Manufacturing Company, Moline, Ill. Coupler. 2,036,454; Apr. 7.
- Bergstrom, Carl O., Boston, assignor to B. F. Sturtevant, Company, Inc., Hyde Park, Boston, Mass. Vacuum sweeper. 2,037,648; Apr. 14.
- Bergstrom, Carl P., Millbury, and A. Palmer, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Cloth wind-up for looms. 2,057,409; Oct. 13.
- Bergstrom, Carl P., Millbury, and A. Palmer, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin release for weft replenishing looms. 2,062,694; Dec. 1.
- Bergstrom, Carl V., Milwaukee, Wis., assignor to Corning Glass Works, Corning, N. Y. Signal lens. 2,034,603; Mar. 17.
- Bergstrom, Gunde, Los Angeles, Calif. Prevention of bark diseases in plants. 2,042,579; June 2.
- Bergström, Hilding O. V., Stocksund, near Stockholm, and K. N. Cederquist, and K. G. Trobeck, Stockholm, Sweden. Manufacturing cymene and toluene from terpenes. 2,052,917; Sept. 1.
- Bergström, John, Vaster, Halmstad, assignor to Aktiebolaget Malcus Holmquist, Halmstad, Sweden. Adjusting device in machine tools for adjustment of a tool rest. 2,033,677; Mar. 10.
- Bergstrom, William A., Oakland, assignor to Renchitite Spring Nut Company, San Francisco, Calif. Making spring lock nuts. 2,035,859; Mar. 31.
- Berill, Carroll H. (See Manoilovich, N., Gruen, and Berill.)
- Berinato, Joseph, Cleveland, Ohio. Soot catcher for furnaces. 2,046,866; July 7.
- Beringer, Roscoe, assignor to General Motors Corporation, Detroit, Mich. Disk clutch. 2,037,451; Apr. 14.
- Beringer, Roscoe, assignor to General Motors Corporation, Detroit, Mich. Clutch operating mechanism. 2,038,981; Apr. 28.
- Beringer, Roscoe, assignor to General Motors Corporation, Detroit, Mich. Synchronizing clutch mechanism. 2,060,971; Nov. 17.
- Berk, Edward A., trustee. (See Turrell, Charles E., assignor.)
- Berk, Elmore R., Canton, assignor to Republic Steel Corporation, Youngstown, Ohio. Highway guard. 2,047,992; July 21.
- Berk, Reuben, Bronx, N. Y. Dental flask. 2,059,928; Nov. 3.
- Berkowitz, Adolph, Brooklyn, N. Y. Mothproof storage receptacle. 2,054,764; Sept. 15.
- Berkowitz, Benjamin, Philadelphia, Pa. Garment. 2,033,606; Mar. 10.
- Berkowitz, Emanuel, Brooklyn, N. Y. Cutting leather. 2,061,647; Nov. 24.
- Berkowitz Envelope Company. (See Berkowitz, Eugene B., assignor.)
- Berkowitz, Eugene B. (See Gibbs, Orma L., assignor.)
- Berkowitz, Eugene B., Kansas City, Mo. Machine for making open window envelopes. 2,049,728; Aug. 4.
- Berkowitz, Eugene B., Kansas City, Mo. Envelope. 2,049,729; Aug. 4.
- Berkowitz, Eugene B., Kansas City, Mo. Envelope. 2,055,716; Sept. 29.
- Berkowitz, Eugene B., assignor to Berkowitz Envelope Company, Kansas City, Mo. Envelope. 2,062,776; Dec. 1.
- Berkshire Knitting Mills. (See Eaches, William D., assignor.)
- Berkshire Knitting Mills. (See Gastrich, Gustav, assignor.)
- Berkshire Knitting Mills. (See Marks, Joseph D., assignor.)
- Berl, Ernst. (See Auden, H. A., and Staudinger, assignors.)
- Berl, Ernst, Pittsburgh, Pa. Production of highly acetylated cellulose acetates. 2,039,290; May 5.
- Berleth, Nelson B., assignor to Hughes Tool Company, Houston, Tex. Cross roller bit. 2,038,408; Apr. 21.
- Berlin-Karlsruher Industrie-Werke Aktiengesellschaft. (See Rinkel, Otto, assignor.)
- Berlin, Louis A., Detroit, Mich. Collapsible display easel. 2,034,371; Mar. 17.
- Berliner, Harry A., Washington, D. C. Punching and riveting machine. 2,056,559; Oct. 6.
- Berliner, Julius F. T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Denatured alcohol. 2,056,163; Oct. 6.
- Berlowitz, Max, Berlin, Germany. Portable air conditioning apparatus. 2,062,158; Nov. 24.
- Berlyn, Martin J., Montreal, assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Motor driven power unit for operating valves and the like. 2,046,283; June 30.
- Berman, Abraham, New York, N. Y. Reducing box. 2,056,032; Sept. 29.
- Berman, Fannie, Paterson, N. J. Ring guard. 2,048,317; July 21.
- Berman, Louis C., assignor to Duplex Tool Co., Chicago, Ill. Lifting jack. 2,031,815; Feb. 25.
- Berman, Ralph E., Brooklyn, N. Y. Garment with semi-raglan sleeve. 2,036,013; Mar. 31.
- Bermann, Viktor, Olmutz, Czechoslovakia, assignor to firm Butacon Aktiengesellschaft, Bern, Switzerland. Converting brewery yeast into bakery yeast. 2,053,596; Sept. 8.
- Bermont, Martin, et al. (See Wurm, C., and Goldstein, assignors.)
- Bern, Frank, Cleveland, Ohio. Display stand. 2,029,091; Jan. 28.
- Bernadi, Andrés, Buenos Aires, Argentina. Apparatus for the manual execution of typographical lines with matrices. 2,061,609; Nov. 24.



- Bernard, Auguste L. R., deceased, late of Rueil-Malmaison, by Renée Bernard, née Bournonville, Paris, France, executor. Device for effectively dissipating heat from machine parts. 2,028,434; Jan. 21.
- Bernard, Auguste L. R., deceased, late of Rueil-Malmaison, France, by R. Bernard, née Bournonville, executrix, Paris, France. Two-stroke engine. 2,032,108; Feb. 25.
- Bernard, Auguste L. R., deceased, Rueil-Malmaison, France, Renée Bernard (born Bournonville) executrix. Internal combustion engine. 2,033,810; Mar. 10.
- Bernard, Auguste L. R., deceased, Rueil-Malmaison, France, Renée Bernard (née Bournonville), executrix. Air cleaner. 2,034,323; Mar. 17.
- Bernard, Auguste L. R., deceased, Rueil-Malmaison, by Renée Bernard, née Bournonville, executor, Paris, France. Engine radiator. 2,036,996; Apr. 14.
- Bernard, Auguste L. R., deceased, Rueil-Malmaison, by Renée Bernard née Bournonville, Executor, Paris, France. Piston. 2,057,758; Oct. 20.
- Bernard, David G., assignor to Donald M. Carter, Chicago, Ill. Apparatus for delivering paper from rolls. 2,043,423; June 9.
- Bernard, Earl W., Morris and S. N. Leopold, Chicago, Ill., assignors, by mesne assignments, to President and Directors of the Manhattan Company, Trustees for Gibson Patent Containers, Ltd. Closure for paper ice cream packing containers and the like. 2,053,688; Sept. 8.
- Bernard, Hans. (See Ott, K., Bernard, and Frick.)
- Bernard, Paul, Sioux Falls, S. Dak. Cattle dehorner. 2,063,785; Dec. 8.
- Bernard, Peter J., Chicago, Ill. Display carton. 2,042,980; June 2.
- Bernard, Renée, née Bournonville, Executor. (See Bernard, Auguste L. R.)
- Bernard, Walter W., Greeneville, Tenn. Smoker. 2,035,782; Mar. 31.
- Bernard, Walter W., Greeneville, Tenn. Smoker. 2,035,783; Mar. 31.
- Bernarde, Henry L., Kearny, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,044,146; June 16.
- Bernarde, Henry L., Kearny, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring and regulating system. 2,065,421; Dec. 22.
- Bernasconi, Adolphe, Rosebank, Richmond, N. Y., assignor to C. F. Mueller Company, Jersey City, N. J. Toy menagerie cage. 2,028,377; Jan. 21.
- Berndt, Arthur A., assignor to Electroline Company, Chicago, Ill. Connector. 2,063,718; Dec. 8.
- Berndt, Edward C. (See Creighton, H. M., and Berndt.)
- Berndt, Edward C., Norwalk, and H. M. Creighton, East Norwalk, Conn., assignors to The R. U. V. Engineering Corporation, South Norwalk, Conn. Irradiating apparatus. 2,065,055; Dec. 22.
- Berndt, Walter, and A. Gothe, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Symmetrical antenna for short or ultra-short electrical waves. 2,065,787; Dec. 29.
- Bernfeld, James, Newark, N. J. Cord terminal plug. 2,042,580; June 2.
- Bernhard, Benjamin S., Boston, Mass. Locking device. 2,041,809; May 26.
- Bernhard, Harry J., Pasadena, Calif. Attachment for tire changing machines. 2,027,626; Jan. 14.
- Bernhardt, Otto T., Los Angeles, Calif. Insert pipe wrench. 2,038,262; Apr. 21.
- Bernhardt, Richard P., Chicago, Ill. Justifying device. 2,041,109; May 19.
- Bernheim, Roger, Bezons, France, assignor to Le Film Ozaphane Société Anonyme. Phonographic film. 2,029,979; Feb. 4.
- Bernick, Benjamin H., Davenport, Iowa. Brush holder. 2,057,225; Oct. 13.
- Berning, Otto, & Co. (See Kilfitt, Heinz, assignor.)
- Bernitz, Ernest, Sr., La Mesa, assignor of one-half to W. A. Smith, Vista, Calif. Apparatus for ridding trees of insects. 2,030,052; Feb. 11.
- Berno, Edward H. (See Cunningham, M. M., and Berno.)
- Bernstein, Charles A. (See Leiner, G. S., and Bernstein.)
- Bernstein, Maurice J., Brighton, assignor to Panther-Panco Rubber Co. Inc., Chelsea, Mass. Shoe. 2,062,493; Dec. 1.
- Bernstein, Samuel S., Los Angeles, Calif. Web clamping unit for articles of furniture. 2,028,493; Jan. 21.
- Bernstein, Samuel S., Beverly Hills, Calif. Sagless spring support for upholstered furniture. 2,042,763; June 2.
- Bernstein, Samuel S., Beverly Hills, Calif. Securing and supporting means. 2,055,213; Sept. 22.
- Bernstiel, Erwin, and J. W. Schaller, Nuremberg, Germany, assignors to Colonial Bead Co. Inc., New York, N. Y. Fastener applying machine. 2,034,018; Mar. 17.
- Berntsen, Carl A. (See Johnson, Caroline S., assignor.)
- Bernz, Niles R., New York, N. Y. Electrostatic cleaning device. 2,060,018; Nov. 10.
- Berolzheimer, Clarence P., Chicago Heights, Ill. One-piece soft rubber plug. 2,055,062; Sept. 22.
- Berresford, John K., Pelham Manor, N. Y. Detergent composition. 2,035,940; Mar. 31.
- Berringer, William A., assignor of one-fourth to V. H. Lowmaster, Lewisberry, Pa. Radiator repair and test apparatus. 2,042,380; May 26.
- Berrisford, William H., Longton, Stoke-on-Trent, England. Apparatus for separating sized mixtures of material. 2,040,196; May 12.
- Berrisford, William H., Longton, Stoke-on-Trent, England. Shaker conveyer and the like. 2,045,065; June 23.
- Berry, Arthur S., Jersey City, N. J., assignor to Berry Solder Co. Inc., New York, N. Y. Soldering compound and making the same. 2,033,102; Mar. 3.
- Berry, Christopher R. (See Berry, Thompson M., assignor.)
- Berry, Earl E. (See Putnam, C. P., Berry, and Hornbostel.)
- Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Magnetic clutch. 2,057,876; Oct. 20.
- Berry, Eugene G., Indianapolis, Ind., assignor to B. F. Gump Company, Chicago, Ill. Machine for removing foreign matter from coffee beans. 2,065,557; Dec. 29.
- Berry, Frank K., and A. J. Reedy, Battle Creek, Mich. Cooking apparatus. 2,064,101; Dec. 15.
- Berry, George A., Bound Brook, and A. P. Beardsley, Plainfield, N. J., assignors to National Fuels Corporation, New York, N. Y. Distilling coal. 2,030,852; Feb. 18.
- Berry, Harry L., Tucumcari, N. Mex. Metal detecting device. 2,048,591; July 21.
- Berry, James E. (See Atkinson, Arius, assignor.)
- Berry, Joseph C., Seattle, Wash., assignor to Utility Electric and Machine Works, Inc., Wheeler, Oreg. Fishing reel. 2,028,311; Jan. 21.
- Berry, Lee E., and K. C. Loehr, Chicago, Ill. Nail pulling device. 2,056,339; Oct. 6.
- Berry, Leland. (See Minnium, B. B., and Berry.)
- Berry, Louin, and C. W. Harrison, Fort Worth, Tex. Quick detachable brake lining unit. 2,037,109; Apr. 14.
- Berry, Michael E., assignor to The American National Company, Toledo, Ohio. Body construction for baby carriages and the like. 2,055,890; Sept. 29.
- Berry, Paul F., Columbus, Ohio. Valve construction. 2,028,131; Jan. 21.
- Berry, Paul F., Columbus, Ohio. Bolt and speed nut therefor. 2,055,166; Sept. 22.
- Berry, Robert C., assignor to Klaisler-Berry Engineering Company, Indianapolis, Ind. Change-speed transmission. 2,054,047; Sept. 8.
- Berry, Robert U., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,047,053; July 7.
- Berry Solder Co. Inc. (See Berry, Arthur S., assignor.)
- Berry, Thomas M., Jackson Heights, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Test plug for oil cracking stills. 2,049,244; July 28.
- Berry, Thompson M., Shaw, assignor of 25 per cent to C. R. Berry, Benton, Miss. Ball crank engine. 2,056,088; Sept. 29.
- Berryman, Elmer H., San Francisco, and H. K. Huppert, Millbrae Highlands, assignors to American Electric Company of California, San Francisco, Calif. Furnace. 2,034,892; Mar. 24.
- Berryman, Harry H., Elmhurst, Ill. Heating and lighting equipment. 2,051,240; Aug. 18.
- Berryman, Harry H., Elmhurst, Ill. Air control for oil burners. 2,065,042; Dec. 22.
- Berryman, J. S., Jr., et al. (See Brewer, John G., assignor.)
- Berryman, Warren C., Lakewood, Ohio. Corrosion preventing means for connections. 2,065,558; Dec. 29.
- Bersey, Arthur T., assignor, by mesne assignments, to Kelvinator Corporation, Detroit, Mich. Mixture regulator for liquid fuel burners. 2,049,730; Aug. 4.
- Bersin, Daniel, New York, N. Y. Coat front pad. 2,045,827; June 30.
- Berst-Forster Dixfield Co. (See Begle, Ned G., assignor.)
- Bersted, Julie. (See Bersted, Martin C., assignor.)
- Bersted, Julie, administratrix. (See Bersted, Martin C.)
- Bersted, Martin, Oak Park, Ill., assignor to Union Cutlery Company Inc., Olean, N. Y. Knife securing clip. 2,052,741; Sept. 1.
- Bersted, Martin C., deceased, by J. Bersted, administratrix, San Diego, Calif., assignor by decree of court to J. Bersted, widow of said M. C. Bersted. Closure operating device. 2,064,809; Dec. 22.
- Bersted, Martin C., deceased, San Diego, Calif., assignor by decree of court, to J. Bersted, widow of said M. C. Bersted. Closure operating device. 2,064,810; Dec. 22.
- Berstler, Carl E., assignor of thirty-three per cent to W. R. Wetherhold, five per cent to R. T. Scull, five per cent to J. T. Bair, five per cent to G. S. Weinerth, Reading, and 5 per cent to A. L. Golden, Wyomissing, Pa. Piston compression ring. 2,034,555; Mar. 17.
- Bersworth, F. C., Laboratories. (See Bersworth, Frederick C.)
- Bersworth, Frederick C., Hopkinton, assignor to F. Kottek, Ashland, Mass., doing business as F. C. Bersworth Laboratories. Production of ethylene diamine. 2,028,041; Jan. 14.
- Bert, Daniel C., York, Pa. Paper making machine. 2,038,708; Apr. 28.
- Bertain, Joseph. (See Adams, A. G., and Bertain.)
- Bertel, Rudolf, Vienna, Austria, assignor to "Delta" Technische Verkehrs-Aktiengesellschaft, Vaduz, Liechtenstein. Panification and leavening preparations for use in connection therewith. 2,052,208; Aug. 25.
- Bertele, Ludwig, Dresden, assignor to the firm Carl Zeiss, Jena, Germany. Objective. 2,029,806; Feb. 4.
- Berteling, John F., Chicago, Ill., assignor to Sullivan Machinery Company. Method and apparatus for blasting. 2,048,677; July 28.



- Berthélemy, Pierre, and F. Baylocq, assignors to Société Anonyme Française said: Les Produits Chimiques Purs, Paris, France. Separating the volatile liquid organic constituents of pyroigneous acid. 2,044,766; June 23.
- Berthélemy, Pierre, and F. Baylocq, assignors to Société Anonyme Française said: "Les Produits Chimiques Purs", Paris, France. Separating volatile organic compounds from aqueous solutions. 2,045,513; June 23.
- Berthold, Edward E. (See Buckels, Christopher C., assignor.)
- Berthold, Erich. (See Nawiasky, P., and Berthold.)
- Berthold, Erich. (See Nawiasky, P., Stein, Berthold, and Zell.)
- Berthold, Herman, Leverkusen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat or sulphur dyestuff preparation. 2,063,147; Dec. 8.
- Berthon, Rodolphe, Neuilly-sur-Seine, France, assignor, by mesne assignments, to Kislun Corporation, New York, N. Y. Obtainment of photographic sound films. 2,040,237; May 12.
- Berti, Joseph, Brooklyn, assignor to Phinney-Walker Co. Inc., New York, N. Y. Electric clock. 2,041,395; May 19.
- Bertirotti, Joseph, New Orleans, La. Filter. 2,055,167; Sept. 22.
- Bertolet, Nathan E. (See Emmerling, A. A., and Bertolet.)
- Bertram, Urban J., Milwaukee, Wis. Corn or bunion preventer. 2,044,523; June 16.
- Bertram, William A. (See Petersen, Elmer W., assignor.)
- Bertran, Benjamin E., assignor of one-half to J. A. Bertran, Los Angeles, Calif. Casting bell-bottom place-piling in soft sandy material. 2,027,511; Jan. 14.
- Bertran, Josie A. (See Bertran, Benjamin E., assignor.)
- Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for forming sole-pieces. 2,057,665; Oct. 20.
- Bertsch, Heinrich, Chemnitz, Germany, assignor, by mesne assignments, to American Hyalsol Corporation, Wilmington, Del. Soap preparation. 2,026,816; Jan. 7.
- Bertsch, Heinrich, assignor to H. Th. Böhme, Aktiengesellschaft, Chemnitz, Germany. Process for the making of dye baths and printing colors for naphthol dyeing. 2,026,817; Jan. 7.
- Bertsch, Heinrich, assignor to the firm H. Th. Böhme, Aktiengesellschaft, Chemnitz, Germany. Production of alkyl sulphates of high molecular weight. 2,027,896; Jan. 14.
- Bertsch, Heinrich, Chemnitz, assignor to H. Th. Böhme Aktiengesellschaft, Chemnitz, Germany. Production of esters. 2,032,313; Feb. 25.
- Bertsch, Heinrich, assignor to the firm H. Th. Böhme Aktiengesellschaft, Chemnitz, Germany. Esters of sulphonated carboxylic acids. 2,032,314; Feb. 25.
- Bertsch, Heinrich, Chemnitz, Germany, assignor, by mesne assignments, to American Hyalsol Corporation, Wilmington, Del. Preventing the detrimental formation of lime and magnesia soaps. 2,046,242; June 30.
- Bertsch, Heinrich, Chemnitz, Germany, assignor to American Hyalsol Corporation, Wilmington, Del. Preparation of sulphuric derivatives of higher aliphatic alcohols. 2,047,612; July 14.
- Bertsch, Heinrich, and G. Rauchalles, assignors to the firm H. Th. Boehme Aktiengesellschaft, Chemnitz, Germany. Production of glucosides of higher aliphatic alcohols. 2,049,758; Aug. 4.
- Bertsch, Johann A., assignor to Monsanto Chemical Company, St. Louis, Mo. Manufacture of para amino phenol. 2,035,292; Mar. 24.
- Bertschinger, Charles F. (See Moran, J. F., and Bertschinger.)
- Bertschy, Clarence J. (See Girz, Max M., assignor.)
- Berven, Sigurd O., Brooklyn, N. Y. Humidifier. 2,043,647; June 9.
- Beryllium Corporation, The. (See Clafin, H. C., and Arnold, assignors.)
- Beryllium Corporation. (See Monroe, C. H., and Clafin, assignors.)
- Besag, Ernst, Baden-Baden, Germany. Releasing arrangement for electric switches. 2,029,980; Feb. 4.
- Besinger, Ollie L., Chicago, Ill. Boiler. 2,039,515; May 5.
- Beskow, Stig, Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Self-draining separator bowl. 2,045,116; June 23.
- Besler Systems. (See Besler, William J., assignor.)
- Besler Systems. (See Besler, W. J., and Whitlock, assignors.)
- Besler, William J., Plainfield, N. J. Vehicle brake and control valve therefor. 2,057,132; Oct. 13.
- Besler, William J., Plainfield, N. J., assignor to Besler Systems, Emeryville, Calif. Truck for rail vehicles and the like. 2,044,767; June 23.
- Besler, William J., Plainfield, N. J., and S. J. Whitlock, Oakland, assignors to Besler Systems, Emeryville, Calif. Railway truck. 2,054,569; Sept. 15.
- Bessesen, Henry A., Minneapolis, Minn. Bed cover clamp. 2,036,741; Apr. 7.
- Bessom, Earl A., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-seat fitting machine. 2,048,671; July 28.
- Besst, Stacey, Jr., Canton, Ohio. Multiple locker. 2,043,728; June 9.
- Best Brothers Keene's Cement Company, The. (See Best, J. C., and Marsh, assignors.)
- Best Brothers Keene's Cement Company, The. (See Marsh, Frank L., assignor.)
- Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,043,228; June 9.
- Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,059,305; Nov. 3.
- Best, Frank E., Inc. (See Harp, Franklin H., assignor.)
- Best, Harry A. (See Wiedenhoef, A. E., and Best.)
- Best, John C., and F. L. Marsh, assignors to The Best Brothers Keene's Cement Company, Medicine Lodge, Kans. Producing light weight plasters. 2,031,585; Feb. 25.
- Best, John G., et al. (See Smith, Nelson P., assignor.)
- Best, John H. & Sons, Inc. (See Best, Leon H., assignor.)
- Best, Leon H., assignor to John H. Best & Sons, Inc., Galva, Ill. Lighter. 2,029,697; Feb. 4.
- Best, Millard W., Hamilton, Ontario, Canada. Combined air circulator and draft regulator for hot air furnaces. 2,039,948; May 5.
- Best, Sheridan J., assignor of three-fifteenths to T. T. Lewis, two-fifteenths to J. J. Eckford, and one-fifteenth to Paul T. McMahon, Dallas, Tex. Refrigerant condensing apparatus. 2,042,087; May 26.
- Bester, Charles H., Ironton, Ohio. Ball and socket adjustable mold jacket. 2,050,778; Aug. 11.
- Best Foods, Inc., The. (See Haurand, Carl H., assignor.)
- Best Foods, Inc., The. (See Vahlteich, H. W., Haurand, and Neal, assignors.)
- Bestoso, Napoleon S., Holbrook, assignor to Boston Gear Works, Inc., North Quincy, Mass. Prony brake. 2,043,147; June 2.
- Bethenod, Joseph, Paris, and A. Claude, Nanterre, France, assignors to Société Anonyme pour les Applications de l'Electricite & des Gaz Rares Etablissements Claude-l'az & Silva. Electromagnetic apparatus. 2,030,957; Feb. 18.
- Bethke, Leo. (See Meyer, P. H., Bethke, and Walker.)
- Bethlehem Mines Corporation. (See Broderick, S. J., and Brown, assignors.)
- Bethlehem Shipbuilding Corporation. (See Frear, Hugo P., assignor.)
- Bethlehem Shipbuilding Corporation, Ltd. (See Frear, Hugo P., assignor.)
- Bethlehem Steel Company. (See Bent, Q., and Kenney, assignors.)
- Bethlehem Steel Company. (See Cook, Earnshaw, assignor.)
- Bethlehem Steel Company. (See Fulmer, D. B., and Miller, assignors.)
- Bethlehem Steel Company. (See Geer, Harry R., assignor.)
- Bethlehem Steel Company. (See Greenwell, Nevil, assignor.)
- Bethlehem Steel Company. (See Kearns, T. H., and Weikert, assignors.)
- Bethlehem Steel Company. (See Kenney, E. F., Gerhardt, and Dudley, assignors.)
- Bethlehem Steel Company. (See Kinney, James A., assignor.)
- Bethlehem Steel Company. (See Lehr, Charles E., assignor.)
- Bethlehem Steel Company. (See McCarty, Richard J., Jr., assignor.)
- Bethlehem Steel Company. (See Nieman, Henry W., assignor.)
- Bethlehem Steel Company. (See Nieman, H. W., and Linderman, assignors.)
- Bethlehem Steel Company. (See Statler, Walter H., assignor.)
- Bethlehem Steel Company. (See Ulrich, John R., assignor.)
- Bethlehem Steel Company. (See Winship, Benjamin W., assignor.)
- Bethurum, Will J., Franklin, Tenn. Chin support. 2,028,820; Jan. 28.
- Betke, Michael, Aurora, Colo. Automatic rail joint fastening. 2,046,542; July 7.
- Betner, Benjamin C., Company. (See Koenig, John, assignor.)
- Bettcher, Carl W., and T. F. Cox, assignors to The Eastern Machine Screw Corporation, New Haven, Conn. Feed pusher. 2,054,592; Sept. 15.
- Bettendorf Company, The. (See Clasen, Claus J. W., assignor.)
- Bettendorf Company, The. (See Lewis, Frank W., assignor.)
- Better, Francis J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon the end portions of shoes. 2,036,086; Mar. 31.
- Betteridge, George W. (See Willett, C. G., and Betteridge.)
- Better Packages Incorporated. (See Krueger, Theodore H., assignor.)
- Betterton, Jesse O., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Production of antimony oxide. 2,035,454; Mar. 31.
- Betterton, Jesse O., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Production of oxygen-free, gas-free metals. 2,054,921; Sept. 22.
- Betterton, Jesse O., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Copper refining. 2,058,947; Oct. 27.



- Betterton, Jesse O., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Furnace. 2,063,579; Dec. 8.
- Betterton, Jesse O., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Melting and casting high purity metal. 2,065,207; Dec. 22.
- Betterton, Jesse O., and G. H. Wels, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Treating copper anode mud. 2,031,299; Feb. 18.
- Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Lead refining. 2,032,788; Mar. 3.
- Betterton, Jesse O., and A. J. Phillips, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Dezincing aluminum. 2,034,372; Mar. 17.
- Betterton, Jesse O., Metuchen, and R. D. McLellan, Woodbridge, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Treating impure antimony trioxide. 2,035,453; Mar. 31.
- Betterton, Jesse O., and A. J. Phillips, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Treating mixed oxides of lead, tin, and zinc. 2,040,825; May 19.
- Betterton, Jesse O., and A. J. Phillips, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Treating brass and bronze secondary metals. 2,040,826; May 19.
- Betterton, Jesse O., Metuchen and K. A. Lindner, Rahway, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Metallurgical apparatus. 2,041,810; May 26.
- Betterton, Jesse O., Metuchen, and K. A. Lindner, Rahway, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Metallurgical apparatus. 2,041,811; May 26.
- Betterton, Jesse O., and A. J. Phillips, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Refining copper alloys. 2,042,291; May 26.
- Betterton, Jesse O., and A. J. Phillips, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Refining copper alloys. 2,042,292; May 26.
- Betterton, Jesse O., Metuchen, N. J., and C. N. Waterman, Monterrey, Mexico, assignors to American Smelting and Refining Company, New York, N. Y. Recovering tin. 2,043,573; June 9.
- Betterton, Jesse O., and A. J. Phillips, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Treating metals. 2,043,574; June 9.
- Betterton, Jesse O., and A. J. Phillips, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Vacuum treatment of metals. 2,054,922; Sept. 22.
- Betterton, Jesse O., and A. J. Phillips, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Vacuum treatment of metals. 2,054,923; Sept. 22.
- Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Refining lead. 2,056,164; Oct. 6.
- Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Refining alloys of lead and tin. 2,061,994; Nov. 24.
- Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Refining alloys of lead and tin. 2,061,995; Nov. 24.
- Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Desilvering alloys of lead and tin. 2,062,116; Nov. 24.
- Bettinger Enamel Corporation. (See Bettinger, H. B., and Strum, assignors.)
- Bettinger, Hoyland B., and J. A. Strum, assignors to Bettinger Enamel Corporation, Waltham, Mass. Wall sheathing. 2,037,560; Apr. 14.
- Bettis, William I., Los Angeles, Calif. Well casing protector. 2,045,629; June 30.
- Betts, Clarence A., Kansas City, Mo. Apparatus for registering and aligning printers' forms, plates, and the like. 2,028,965; Jan. 28.
- Betts, Everett D., assignor to The Rudy Furnace Company, Dowagiac, Mich. Humidifier. 2,049,731; Aug. 4.
- Betts, Ross C., Lakewood, assignor to The Dobeckmum Co., Cleveland, Ohio. Universal bag machine. 2,054,406; Sept. 15.
- Betts, Walter L., Brooklyn, N. Y., and E. H. Jones, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,058,555; Oct. 27.
- Betty, John, assignor to J. A. Betty, Corcoran, Calif. Toy gun. 2,031,359; Feb. 18.
- Betty, John A. (See Betty, John, assignor.)
- Betz, Arthur B., Cleveland, Ohio. Rotatably mounted wringer for washing machines. 2,055,960; Sept. 29.
- Betz, William, Detroit, Mich. Drill jig. 2,029,650; Feb. 4.
- Betzell, Estelle A., et al. (See McDermott, Howard N., assignor.)
- Beust, Cecil J. (See Mathews, G. W., and Beust.)
- Beust, Cecil J., Atlanta, Ga. Rotary compressor. 2,044,873; June 23.
- Beuther, Annemarie. (See Hackhofer, E., and Beuther.)
- Beverage, Harold H., Riverhead, N. Y., assignor to Radio Corporation of America. Receiving system. 2,028,860; Jan. 28.
- Beverage, Harold H., Riverhead, N. Y., assignor to Radio Corporation of America. Radio telegraph repeater. 2,034,738; Mar. 24.
- Beveridge-Marvellum Company, The. (See Pohlmann, Joseph J., assignor.)
- Bevis, Frank P. (See Lee, B., and Bevis.)
- Beyer, Alfred M., Jr., Flushing, N. Y. Sanitary napkin. 2,047,054; July 7.
- Beyer, Claude F. (See Campbell, A. B., and Beyer.)
- Beyer, Peter G. G., Copenhagen, Denmark. Hand spooling apparatus. 2,042,381; May 26.
- Beyer, Wilhelm, Moscow, Russia. Multistage steam power plant system. 2,050,259; Aug. 11.
- Beyersdorfer, Paul, Reichenbach, Germany. Making glass, enamels, glazes, and the like containing lead. 2,033,103; Mar. 3.
- Beyhl, Edward H. (See Traylor, S. W., Jr., and Beyhl.)
- Bymer, Kenneth R., Dayton, Ohio. Luminous device. 2,061,824; Nov. 24.
- Beynon, Le Guay, Glendale, assignor to Union Oil Company of California, Los Angeles, Calif. Separation of hard wax from soft wax associated therewith. 2,045,567; June 30.
- Beyschowitz, Josef, Vienna, Austria. Mosquitoproof retreat. 2,058,053; Oct. 20.
- Bezozky, John, Binghamton, N. Y. Engine piston. 2,043,920; June 9.
- Bezenberger, Fred K., Cleveland Heights, Ohio, assignor, by mesne assignments, to The Fulton Syphon Company, Knoxville, Tenn. Method and apparatus for making metallic corrugated walls. 2,052,209; Aug. 25.
- Bezenberger, Frederick K., Cleveland Heights, Ohio. Removing rubber containing material from metal surfaces. 2,052,997; Sept. 1.
- Blach, John L., New Haven, Conn., assignor to The Engineering and Research Corporation. Control mechanism. 2,040,425; May 12.
- Bialkowsky, Bruno G., assignor to The Tuttle Press Company, Appleton, Wis. Scalloping paper napkins. 2,064,406; Dec. 15.
- Biancalana, Eugene, Richmond Hill, N. Y. Refrigeration for meat grinders or like devices. 2,060,605; Nov. 10.
- Bianco, John A., Boston, Mass. Electromagnetic switch. 2,059,306; Nov. 3.
- Biazzi, Salvatore, assignor of one-half to A. E. Azzarello, San Jose, Calif. Adjustable finger bar for shear machines. 2,039,699; May 5.
- Bibb, Carlisle H., assignor to Newport Industries, Inc., Pensacola, Fla. Converting pine oil into useful products. 2,052,742; Sept. 1.
- Bibb, Carlisle H., assignor to Newport Industries, Inc., Pensacola, Fla. Distilling terpeneol. 2,052,743; Sept. 1.
- Bibb, Carlisle H., assignor to Newport Industries, Inc., Pensacola, Fla. Isomerizing methyl chavicol. 2,052,744; Sept. 1.
- Bibb, Carlisle H., assignor to Newport Industries, Inc., Pensacola, Fla. Refining anethol. 2,052,745; Sept. 1.
- Bibb, Clarence O., Louisville, Ky. Tool. 2,035,293; Mar. 24.
- Bibb Manufacturing Company. (See Gwaltney, Eugene C., assignor.)
- Bibb Manufacturing Company. (See Murphy, Henry J., assignor.)
- Bible, Walter E., Denver, Colo. Continuous casting machine. 2,058,762; Oct. 27.
- Bichler, Charles H., Paris, and G. Eyssartier, Arcachon, France. Liquid purifier. 2,061,343; Nov. 17.
- Bichowsky, Francis R. (See Rosett, W., and Bichowsky.)
- Bichowsky, Francis R., Washington, D. C., assignor, by mesne assignments, to General Motors Corporation. Absorbent for refrigerants. 2,041,741; May 26.
- Bickel, Clifford A. (See Whipp, W. E., and Bickel.)
- Bickel, Clifford A., assignor to The Monarch Machine Tool Company, Sidney, Ohio. Automatic lathe. 2,039,876; May 5.
- Bickel, Clifford A., assignor to The Monarch Machine Tool Company, Sidney, Ohio. Machine tool. 2,050,746; Aug. 11.
- Bickel, Clifford A., assignor to The Monarch Machine Tool Company, Sidney, Ohio. Apparatus for controlling operation of tools. 2,052,441; Aug. 25.
- Bickel, Clifford A., assignor to The Monarch Machine Tool Company, Sidney, Ohio. Motor automatic lathe. 2,055,227; Sept. 22.
- Bickel, Clifford A., and S. A. Brandenburg, assignors to The Monarch Machine Tool Company, Sidney, Ohio. Universal lathe. 2,051,127; Aug. 18.
- Bickel, Frederic J., and H. J. C. Oster, Jr., assignors to The Osborn Manufacturing Company, Cleveland, Ohio. Brush. 2,062,047; Nov. 24.
- Bickel, Travis W., Alva, Okla. Curtain control mechanism. 2,043,981; June 16.
- Bickers, John. (See Finer, H. J., and Bickers.)
- Bickford, Andrew J. H., West Roxbury, assignor to National Display Co., Malden, Mass. Display device. 2,035,941; Mar. 31.
- Bickford, Herbert A., Warwick, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Machine for attaching articles to other objects. 2,029,353; Feb. 4.



- Bickley, Everett H., Bala-Cynwyd, Pa. Radio receiver tuning control mechanism. 2,050,555; Aug. 11.
- Bicknell, George M., assignor to Carter Carburetor Corporation, St. Louis, Mo. Venturi stack. 2,048,535; July 21.
- Bicknell, Ralph N., Bangor, Maine. Refrigerating display cabinet. 2,030,780; Feb. 11.
- Bidaud, Auguste F. (See Berger, P., and Bidaud.)
- Biddle, Charles M., 3d. (See Ball, Francis J., assignor.)
- Biddle, John M., assignor to Union Special Machine Company, Chicago, Ill. Fabric folding and marking machine. 2,032,830; Mar. 3.
- Biddle, William C. (See Corbin, Elbert A., Jr., assignor.)
- Biddle, William C. (See Corbin, E. A., Jr., and Wolf, assignors.)
- Bidle, William S., Cleveland Heights, Ohio. Feeding means for round bars. 2,038,204; Apr. 21.
- Bidle, William S., Cleveland Heights, Ohio. Steel treating. 2,044,561; June 16.
- Bidwell, Howard, Gill, Mass. Electric water heater. 2,058,054; Oct. 20.
- Bidwell, Paul W., assignor to White & Wyckoff Mfg. Company, Holyoke, Mass. Book binding. 2,065,505; Dec. 29.
- Biebel, Herman M. (See Jackson, R. P., and Biebel.)
- Bieber, Otto F. A., Minneapolis, Minn. Heating plant. 2,034,172; Mar. 17.
- Biebler, Conrad A. (See Ziska, A., and Biebler.)
- Biedermann, William F., Providence, R. I., assignor to Federal Chain Company. Chain machine. 2,065,788; Dec. 29.
- Biegler, Karl, Brooklyn, N. Y. Apparatus for identifying short-wave foreign radio transmitting stations. 2,066,089; Dec. 29.
- Bieling, Carl A., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal apparatus. 2,032,865; Mar. 3.
- Bieling, Carl A., Elizabeth, N. J., and C. D. Richard, West New Brighton, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coil winding machine. 2,064,287; Dec. 15.
- Bienenstock, Moritz, Budapest, Hungary. Recovering pure germinal substance from seed kernels. 2,028,132; Jan. 21.
- Bienenstock, Moritz, and L. Csáki, Budapest, Hungary. J. Pless, Bratislava, Czechoslovakia, and A. and E. Sági, Budapest, Hungary. Manufacture of a gluten-like product. 2,038,633; Apr. 28.
- Bienstock, Anna E., Newark, N. J. Toilet accessory for automotive vehicles. 2,054,650; Sept. 15.
- Bier, Leo E., Los Angeles, Calif. Signaling system. 2,031,202; Feb. 18.
- Bierbaum, Harry E., assignor to General Salt Company, Ltd., Long Beach, Calif. Recovering halides. 2,035,523; Mar. 31.
- Bierenfeld, Josef, Milwaukee, Wis., assignor to Square D Company, Detroit, Mich. Switch constructions. 2,034,938; Mar. 24.
- Bierenfeld, Josef, Milwaukee, Wis., assignor to Square D Company, Detroit, Mich. Push button construction. 2,052,691; Sept. 1.
- Bierer, John M., Newton, Mass. Vulcanizing method and machine. 2,039,271; Apr. 28.
- Biermanns, Josef, Berlin-Johannisthal, Germany, assignor to General Electric Company. Electric circuit interrupter. 2,056,033; Sept. 29.
- Biersack, Richard, Berlin-Halensee, and K. Schröder, Berlin-Charlottenburg, Germany. Heavy duty steam generator. 2,037,493; Apr. 14.
- Biersdorf, Herman R., et al. (See Minott, Daniel L., assignor.)
- Biery, John E., Grantwood, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Block construction for boiler tubes and the like. 2,033,175; Mar. 10.
- Biesik, John F., Milwaukee, Wis. Antifrost glass. 2,029,218; Jan. 28.
- Biéth, Tom C., Alsten, Sweden, assignor to Electrolux Corporation, Dover, Del. Apparatus for treating articles. 2,028,861; Jan. 28.
- Bietz, Luther, Curwensville, Pa. Sewer. 2,045,514; June 23.
- Biewend, Erik C., and W. R. Konkle, Albion, Mich. Valve tappet. 2,032,906; Mar. 3.
- Bigelow, Bryant, Boston, Mass. Liquid dispensing device. 2,039,624; May 5.
- Bigelow, Charles G. (See Whitcomb, A. J., and Bigelow.)
- Bigelow, Charles G., assignor to Freyn Engineering Company, Chicago, Ill. Goggle valve. 2,029,151; Jan. 28.
- Bigelow Company, The. (See Welter, Gustave, assignor.)
- Bigelow, Loyal A., Evanston, assignor to Acme Steel Company, Chicago, Ill. Ready bound crate. 2,042,329; May 26.
- Bigelow, Lucy S., Kansas City, Mo. Toy valise. 2,040,974; May 19.
- Bigelow-Sanford Carpet Co. Inc. (See Bauer, Ernest K., assignor.)
- Bigelow-Sanford Carpet Co. Inc. (See Jackson, Robert J., assignor.)
- Bigelow-Sanford Carpet Co. Inc. (See Phoenix, Ernest T., assignor.)
- Biggers, Boyd. (See Howard, J. R., and Biggers.)
- Biggers, May H., Webster Groves, Mo. Window shelf. 2,051,241; Aug. 18.
- Biggert, Florence C., Jr., Crafton, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Rotary shear blade clamp. 2,031,246; Feb. 18.
- Biggert, Florence C., Jr., Crafton, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Rolling mill screwdown. 2,034,939; Mar. 24.
- Biggs, Floyd E., Detroit, Mich. Ventilator. 2,031,404; Feb. 18.
- Biggs, Leonard R., Schenectady, N. Y., assignor to General Electric Company. Manufacturing a heating element. 2,053,127; Sept. 1.
- Biggs, Orrick H., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Base for tubes, lamps and the like. 2,049,152; July 28.
- Biggs, Orrick H., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electric discharge tube. 2,064,369; Dec. 15.
- Biggs, William J., and C. M. Axelson, Phoenix, Ariz. Spectacle case holder. 2,050,917; Aug. 11.
- Bigler, Clinton L., and H. W. Ball, assignors to The Morgan Engineering Company, Alliance, Ohio. Ingot stripper. 2,063,656; Dec. 8.
- Bigler, Edward A., Auburn, Ill. Automatic farm gate. 2,062,738; Dec. 1.
- Bigler, Eugene, Oklahoma City, Okla., assignor to T. M. Pyle, trustee. Rotary reamer for oil, gas, and other wells. 2,061,057; Nov. 17.
- Bigley, Francis P. (See Hannafy, Joseph, and L., assignors.)
- Biglin, John T., Hastings, Nebr. Latch. 2,031,522; Feb. 18.
- Bigney, S. O., & Company. (See MacIntosh, Charles L., assignor.)
- Bignon, Lucien, Paris, France. Electric apparatus. 2,033,508; Mar. 10.
- Big Rock Ranch Company. (See Harris, Ford, Jr., assignor.)
- Big Square Sprinkler Co. (See Stanton, Lenthel, assignor.)
- Bijur, George, executor. (See Bijur, Joseph.)
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Centralized lubrication. 2,040,076; May 12.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Automatic lubricator. 2,043,826; June 9.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubricating installation. 2,048,679; July 28.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubricating installation. 2,063,903; Dec. 15.
- Bijur, Joseph, deceased, New York, N. Y., by G. Bijur, executor, New York, N. Y., assignor to Auto Research Corporation. Central lubrication. 2,027,366; Jan. 14.
- Bijur, Joseph, deceased, by G. Bijur, New York, N. Y., executor, assignor to Auto Research Corporation. Central lubrication. 2,043,229; June 9.
- Bijur, Joseph, deceased, by G. Bijur, executor, New York, N. Y., assignor to Auto Research Corporation. Central lubrication. 2,056,949; Oct. 13.
- Bijur, Joseph, deceased, by G. Bijur, executor, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 2,056,950; Oct. 13.
- Bijur, Joseph, deceased, by G. Bijur, executor, New York, N. Y., assignor to Auto Research Corporation. Chassis lubrication. 2,064,877; Dec. 22.
- Bilde, Tord E. D., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,030,565; Feb. 11.
- Bilde, Tord E. D., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,034,373; Mar. 17.
- Bilde, Tord E. D., and A. Eriksson-Jons, Stockholm, Sweden, assignors to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,031,454; Feb. 18.
- Bilder, James K., Dayton, Ohio. Drafting instrument. 2,043,729; June 9.
- Bilhuber, E., Inc. (See Schmidt, Karl F., assignor.)
- Bilhuber, Paul H., Douglaston, assignor to Steinway & Sons, New York, N. Y. Piano and like musical instruments using strings. 2,048,368; July 21.
- Bilhuber, Paul H., Douglaston, Long Island, assignor to Steinway & Sons, New York, N. Y. Soundboard for pianos and other instruments or devices using soundboards. 2,051,633; Aug. 18.
- Biliades, William K., Tarrytown, N. Y. Sole trimmer. 2,050,875; Aug. 11.
- Biller, David J., assignor to Day-Brite Reflector Company, St. Louis, Mo. Illuminator. 2,034,556; Mar. 17.
- Billig, Kurt. (See Schirmacher, K., Schaich, Wolfram, Tampke, Billig, and Schirmacher.)
- Billig, Kurt, Frankfurt-on-the-Main, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft. Preparing substituted aldols. 2,027,856; Jan. 14.
- Billing, Noel P., London, England. Photographic printing or enlarging apparatus. 2,053,317; Sept. 8.
- Billing, Noel P., London, England. Apparatus for the treatment of light sensitive surfaces. 2,065,506; Dec. 29.
- Billing, Noel P., London, England. Camera lens and camera. 2,065,993; Dec. 29.
- Billing, Wyly M., Hopewell, Va., assignor to Hercules Powder Company, Wilmington, Del. Production of cellulosic materials from waste cellulose products. 2,040,801; May 12.



- Billingham, Milton C. J., Kalamazoo, Mich. Structural unit. 2,033,752; Mar. 10.
- Billings, Edmund, Weston, and H. H. Offutt, Winchester, assignors to Godfrey L. Cabot, Inc., Boston, Mass. Granules of agglomerative powders. 2,039,766; May 5.
- Billings, Edward G. (See Ingram, E. W., and Billings, assignors.)
- Billings Howard J., South Acton, assignor to Arthur D. Little, Incorporated, Cambridge, Mass. Under water cement and mortar. 2,038,160; Apr. 21.
- Billings, Howard J., Acton, assignor to A. D. Little, Inc., Cambridge, Mass. Stabilized acid latex and making the same. 2,038,709; Apr. 28.
- Billings & Spencer Company, The. (See Coyle, John H., assignor.)
- Billings & Spencer Company, The. (See Moore, Walter R., assignor.)
- Billings, Wilfred A., Shrewsbury, Mass. Trench digger and back-filling machine. 2,030,045; Feb. 11.
- Billiter, Jean, Vienna, Austria, assignor to Copperweld Steel Company, Glassport, Pa. Electrolytic deposition of metals. 2,061,554; Nov. 24.
- Billker, Fredrick W., Milwaukee, Wis. Cutting machine. 2,041,742; May 26.
- Billman, John L., Washington, D. C. Drain for automobile windows. 2,039,208; Apr. 28.
- Billner, Karl P., New York, N. Y. Apparatus for stabilizing high speed trains. 2,046,310; July 7.
- Billner, Karl P., New York, N. Y., assignor to Vacuum Concrete Corporation. Method of and apparatus for treating concrete. 2,046,867; July 7.
- Billson, Marcus K., assignor to Hawaiian Hume Concrete Pipe Company, Limited, Honolulu, Territory of Hawaii. Chemically-resistant material. 2,063,835; Dec. 8.
- Billstein, Arthur E. F., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Rail testing apparatus. 2,034,280; Mar. 17.
- Billstein, Arthur E. F., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Rail-flaw detector. 2,060,458; Nov. 10.
- Bilodeau, Frank, Montreal, Quebec, Canada. Insole. 2,039,767; May 5.
- Bilstein, Louis C., Chatham, N. J., assignor to Radium Luminous Corporation, New York, N. Y. Static neutralization. 2,048,490; July 21.
- Biltz, Karl H. A. B., Ostersund, Sweden. Clothes hanger. 2,054,371; Sept. 15.
- Binapf, Josef, Krefeld-Uerdingen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of new conversion products from natural resins and esters thereof. 2,052,073; Aug. 25.
- Binapf, Josef, and G. Kuchenbuch, Krefeld-Uerdingen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of condensation products. 2,031,586; Feb. 25.
- Binder, Herman A., San Francisco, Calif. Savings device. 2,043,848; June 9.
- Binder, John, et al. (See Binder, J., and Selke, assignors.)
- Binder, John, and W. C. Selke, assignors to A. Sadker and J. Binder, Philadelphia, Pa. Spark plug. 2,035,440; Mar. 31.
- Binder, Leo J., Spokane, Wash. Motor vehicle signal. 2,057,760; Oct. 20.
- Bing, Harold O., Sandusky, assignor to Beloit Iron Works, Beloit, Wis. Paper machine and making paper. 2,052,746; Sept. 1.
- Bing, Joseph M., et al. (See Karg, Josef, assignor.)
- Bing, Joseph M. (See Reinhold, E., and Bing.)
- Bingel, Rudolf, Berlin-Charlottenburg, and H. Weinert, Berlin-Spandau, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Tracer control for material working machines. 2,046,013; June 30.
- Bingham, Carl G., Highland Park, assignor to Sam'l Bingham's Son Mfg. Co., Chicago, Ill. Machine for coating printers' rollers. 2,047,993; July 21.
- Bingham, Eugene C., Easton, Pa. Window construction. 2,027,016; Jan. 7.
- Bingham, John D., Dayton, Ohio, assignor by mesne assignments to General Motors Corporation. Refrigeration. 2,040,641; May 12.
- Bingham, Richard, Chicago, Ill. Dispensing cap for collapsible tubes. 2,051,513; Aug. 18.
- Bingham Stamping & Tool Company, The. (See Snell, Samuel A., assignor.)
- Bingham's, Sam'l, Son Mfg. Co. (See Bingham, Carl G., assignor.)
- Bingham's, Sam'l, Son Mfg. Co. (See Donahue, J. J., and Rohman, assignors.)
- Bingman, Frederick P., Birmingham, assignor to The R. C. Mahon Company, Detroit, Mich. Air conditioning apparatus. 2,061,344; Nov. 17.
- Biniek, Georg, assignor to Telefon-Apparat-Fabrik E. Zwietusch & Co. G. m. b. H., Berlin-Charlottenburg, Germany. Electric safety razor. 2,040,683; May 12.
- Biniek, Georg, Berlin-Charlottenburg, assignor to Telefon-Apparat-Fabrik E. Zwietusch & Co. G. m. b. H., Charlottenburg, Germany. Safety razor with rotary drive. 2,042,293; May 26.
- Binkley, William E., Forreston, Ill. Hearse. 2,042,382; May 26.
- Binks Manufacturing Company. (See Bramsen, Svend, assignor.)
- Binks Manufacturing Company. (See Bramsen, S., Wahlin, and Gustafsson, assignors.)
- Binks Manufacturing Company. (See Gustafsson, Eric, assignor.)
- Binney & Smith Company. (See Wiegand, William B., assignor.)
- Binns, George W., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,045,894; June 30.
- Binns, George W., and L. E. Mehlhope, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,035,737; Mar. 31.
- Binns, George W., and C. Booth, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,060,785; Nov. 17.
- Bins, Harry F., Green Bay, Wis. Dispensing cabinet. 2,038,822; Apr. 28.
- Bins, John G., St. Paul, Minn. Dog bed or the like. 2,032,248; Feb. 25.
- Bio Reduction Corporation of New York. (See Roeder, George H., assignor.)
- Biocina, Michael J., San Francisco, Calif. Safety razor. 2,064,811; Dec. 22.
- Biolite, Inc. (See Fiorovanti, Raffaele, assignor.)
- Biolite, Inc. (See Kaufman, Alfonse, assignor.)
- Birch, Charles E. (See Emmert, R. J., Goad, Baker, Shippy, Holmes, Phelps, and Birch.)
- Birch, Erastus F., Eureka, Utah. Exerciser. 2,042,764; June 2.
- Birch, Leland W., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley system and device. 2,041,110; May 19.
- Birchell, Francis C. (See Schram, W. G., and Birchall.)
- Bircher Co., The. (See Keiser, Arthur J., assignor.)
- Birchfield, Roy R., Shreveport, La. Lock. 2,050,155; Aug. 4.
- Bird, Benjamin F., Highland Park, Ill. Vegetable hydrating apparatus. 2,039,768; May 5.
- Bird, Benjamin F., Kenilworth, Ill. Apparatus for hydrating. 2,039,769; May 5.
- Bird, Charles F., American Falls, Idaho, assignor of one-half to Basil Edwards, Salt Lake City, Utah. Amalgamator. 2,048,678; July 28.
- Bird, Elmer G., La Porte, Ind., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company, Wilmington, Del. Sheet rubber. 2,059,203; Nov. 3.
- Bird, John C. (See Lewis, J. B., and Bird.)
- Bird, John C. (See Smith, K. D., and Bird.)
- Bird, John C., Elizabeth, N. J., assignor to Standard Oil Development Company. Obtaining valuable products from acid sludge. 2,028,185; Jan. 21.
- Bird, John C., Elizabeth, N. J., assignor to Standard Oil Development Company. Composition of matter obtained from hydrocarbon acid sludge. 2,035,112; Mar. 24.
- Bird, John C., Upper Montclair, N. J., assignor to Hoffmann-La Roche, Inc. Suppository medication. 2,055,063; Sept. 22.
- Bird, John C., assignor to John Wyeth & Brother, Incorporated, Philadelphia, Pa. Preparing metal picrates. 2,065,110; Dec. 22.
- Bird, John C., Montclair, N. J., assignor to John Wyeth & Brother, Incorporated, Philadelphia, Pa. Picric acid compounds. 2,065,111; Dec. 22.
- Bird, John C., and K. D. Smith, assignors to Union Steam Pump Company, Battle Creek, Mich. Viscolizer valve. 2,038,263; Apr. 21.
- Bird, Len O., Glendale, Calif., assignor to W. L. Adams, Rexburg, Idaho. Scraper. 2,051,197; Aug. 18.
- Bird, Lloyd C., H. M. Rexrode and R. R. Chappell, assignors to Phipps & Bird, Inc., Richmond, Va. Proportional liquid feed apparatus. 2,042,383; May 26.
- Bird, Lloyd C., H. M. Rexrode and R. R. Chappell, assignors to Phipps & Bird, Inc., Richmond, Va. Constant temperature refrigerator. 2,042,384; May 26.
- Bird Machine Co. (See Lyons, Sanford C., assignor.)
- Bird, Milo A., and C. F. Tuttle, Richmond, assignors to Standard Oil Company of California, San Francisco, Calif. Thermocouple shield. 2,048,680; July 28.
- Bird, Myron, San Francisco, Calif. Making circular saws. 2,064,407; Dec. 15.
- Bird, Russell H., Detroit, Mich. Refrigerating cooling unit. 2,057,666; Oct. 20.
- Bird, Whitworth F., Drexel Hill, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Loom. 2,027,806; Jan. 14.
- Bird, Whitworth F., Springfield, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Producing ply yarn. 2,061,498; Nov. 17.
- Bird, William G., Redland, Bristol, England. Electrical frequency responsive device. 2,034,019; Mar. 17.
- Bird, William G., Redland, Bristol, England. Electrical speed-indicator and revolution-counter. 2,060,721; Nov. 10.
- Birdleough, Otis T., and G. E. Luce, Yakima, Wash. Coating composition for dental models. 2,057,289; Oct. 13.
- Birdsboro Steel Foundry & Machine Company. (See Martin, Mark H., assignor.)
- Birdsboro Steel Foundry and Machine Company. (See Mekeel, Charles H., Jr., assignor.)
- Birdsell, David C., Enfield, and D. M. Bauer, Norristown, Pa. Display device. 2,039,770; May 5.
- Birek, John, assignor to S. I. Fineman, Cleveland, Ohio. Artificial grass mat. 2,061,750; Nov. 24.



- Bireley, Bertha M. and C. E., Hollywood, Calif. Cleaning device. 2,030,494; Feb. 11.
- Bireley, Charles E. (See Bireley, Bertha M. and C. E.)
- Birer, Morris E. (See McNaughton, John, assignor.)
- Birge, Raymond B., assignor to Packard Motor Car Company, Detroit, Mich. Convertible sedan and phaeton. 2,029,050; Jan. 28.
- Birkby, Harold S., Nutley, N. J., assignor to Standard-I. G. Company. Soluble oils. 2,049,043; July 28.
- Birkenmaier, Theodore. (See Matthews, C. L., and Birkenmaier.)
- Birkhimer, Edwin R., assignor to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil treatment. 2,026,812; Jan. 7.
- Birkholz, Hans E., assignor to America Air Filter Company, Inc., Louisville, Ky. Air or gas filter unit. 2,029,406; Feb. 4.
- Birkigt, Louis, Bois-Colombes, France. Mechanism for the tripping or release of movable organs. 2,040,197; May 12.
- Birkigt, Marc, Bois-Colombes, France. Aircraft engine and gun assembly. 2,053,691; Sept. 8.
- Birkigt, Marc, Bois-Colombes, France. Percussion fuse. 2,057,410; Oct. 13.
- Birkland, Torger. (See Barlow, H. and Birkland.)
- Birks, Henry, & Sons, Limited. (See Gutknecht, Herman, assignor.)
- Birmingham Electric Furnaces Limited. (See Lobley, Alfred G., assignor.)
- Birnstock, William W., York, Pa. Bottle crate. 2,060,019; Nov. 10.
- Birr, John E. W., San Leandro, assignor of one-half to A. G. Nicolini, Oakland, Calif. Washing machine. 2,062,286; Dec. 1.
- Birr, Rudolph G., Lombard, and A. C. Grunwald, River Forest, Ill., assignors to Steiner Sales Company, Salt Lake City, Utah. Paper towel dispensing apparatus. 2,051,242; Aug. 18.
- Birrell, Don A., Salt Lake City, Utah. Safety razor. 2,064,878; Dec. 22.
- Birtley Company Limited, The. (See Appleyard, K. C., and Flint, assignors.)
- Birtman Electric Company. (See Sparklin, Charles H., assignor.)
- Bischof, Frank, Jr., assignor to Dowst Manufacturing Company, Chicago, Ill. Toy. 2,065,208; Dec. 22.
- Bischof, Paul, Bronx, N. Y. Transmission. 2,031,247; Feb. 18.
- Bischoff, Charles F., Caldwell, N. J., and A. Herckmans, New York, N. Y., assignors to American Telephone and Telegraph Company. Reproduction of sound. 2,063,148; Dec. 8.
- Bischoff, Ludwig, Brooklyn, N. Y. Bag making machine. 2,037,110; Apr. 14.
- Bischoff, Robert, assignor to S. Morgan Smith Company, York, Pa. Pressure surge controlling means. 2,055,193; Sept. 22.
- Bisel, Edwin J., Uniontown, Pa. Measuring apparatus. 2,053,810; Sept. 8.
- Bishop & Babcock Manufacturing Company, The. (See Babcock, Henry H., assignor.)
- Bishop & Babcock Manufacturing Company, The. (See Bondurant, Carlton W., assignor.)
- Bishop & Babcock Mfg. Company, The. (See Findley, Howard J., assignor.)
- Bishop & Babcock Mfg. Company, The. (See Golob, John B., assignor.)
- Bishop & Babcock Manufacturing Company, The. (See Grant, William H., assignor.)
- Bishop & Babcock Mfg. Company, The. (See Mayo, Edward L., assignor.)
- Bishop & Babcock Manufacturing Company, The. (See Müller, Frederick W., assignor.)
- Bishop & Babcock Mfg. Company, The. (See Root, Walter S., Jr., assignor.)
- Bishop & Babcock Sales Company, The. (See Koepke, Edward C., assignor.)
- Bishop, Clifford E., Rego Park, assignor to Northam Warren Corporation, New York, N. Y. Fingernail polish remover. 2,032,042; Feb. 25.
- Bishop Company, The. (See Bishop, Frederick R., assignor.)
- Bishop, Eleanor M., Minneapolis, Minn. Paper doll. 2,050,556; Aug. 11.
- Bishop, Frank, Los Angeles, Calif. Surface finishing panel. 2,038,920; Apr. 28.
- Bishop, Frank, Los Angeles, Calif. Forming rakes, forks, and the like. 2,039,771; May 5.
- Bishop, Frederic L., Fox Chapel Manor, Pa. Manufacture of laminated glass. 2,040,238; May 12.
- Bishop, Frederic L., Fox Chapel Manor, C. S. Shoemaker, Jeannette, L. J. Pierce, and C. F. Wood, Pittsburgh, and E. Donnini, Jeannette, assignors to American Window Glass Company, Pittsburgh, Pa. Apparatus for the manufacture of laminated glass. 2,052,545; Sept. 1.
- Bishop, Frederick. (See Driest, Charles, assignor.)
- Bishop, Frederick J., assignor to H. Bishop, Harper, Wash. Oil burner. 2,052,747; Sept. 1.
- Bishop, Frederick R., assignor to The Bishop Company, North Attleboro, Mass. Ophthalmic mounting. 2,063,657; Dec. 8.
- Bishop, George E., Cleveland Heights, Ohio. Cover for dental chairs. 2,057,551; Oct. 13.
- Bishop, Harper. (See Bishop, Frederick J., assignor.)
- Bishop, Lewis, Arcadia, Fla. Cover crop cutter. 2,042,981; June 2.
- Bishop, Reginald, Golders Green, London, England. Machine for generating cams of the worm type. 2,053,597; Sept. 8.
- Bishop, Roy. (See Sloan, James J., assignor.)
- Bishop, Stanley K., Binghamton, assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Seat adjuster. 2,031,248; Feb. 18.
- Bishop, Storrs M., Schenectady, N. Y. Attachment for closing devices. 2,028,269; Jan. 21.
- Bishop, Walter, Detroit, Mich., assignor to Backstay Welt Company, Union City, Ind. Finishing strip. 2,039,877; May 5.
- Bishop, William H., assignor to Weathershields Limited, Birmingham, England. Sliding roof for vehicles. 2,041,281; May 19.
- Bishton, Robert R., Herkimer, N. Y. Adjustable burnishing reamer. 2,030,846; Feb. 18.
- Bisler, G. A., Inc. (See White, A. M., and Siler, assignors.)
- Bisley, William F., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric motor. 2,048,096; July 21.
- Bispham, Mabel A., Los Angeles, Calif. Fastening device. 2,026,930; Jan. 7.
- Bissell, Archie C., Ludington, Mich. Road sanding machine. 2,057,759; Oct. 20.
- Bissell, Bessie L., administratrix. (See Bissell, Neil H.)
- Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Work cycle timer. 2,050,825; Aug. 11.
- Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Globe grip. 2,057,361; Oct. 13.
- Bissell, Carl H., and R. H. Olley, assignors to Crouse-Hinds Company, Syracuse, N. Y. Junction box. 2,043,648; June 9.
- Bissell Carpet Sweeper Company. (See Pullen, Fred W., assignor.)
- Bissell, David J. (See Perkins, Lester C., assignor.)
- Bissell, Don W., Hamburg, assignor to National Aniline & Chemical Company, New York, N. Y. Developing dyes. 2,047,543; July 14.
- Bissell, Neil H., deceased, Akron, Ohio, B. L. Bissell, administratrix. Carburetor. 2,057,552; Oct. 13.
- Bissell, Titus L., Birmingham, Ala. Self-starting siphon. 2,036,191; Apr. 7.
- Bissell, William J., Pasadena, Calif. Apparel clasp. 2,055,116; Sept. 22.
- Bissell, William T., assignor to Journal Box Servicing Corporation, Indianapolis, Ind. Foam elimination in reclaiming used oils. 2,050,415; Aug. 11.
- Bissirri, Augusto, Los Angeles, and F. G. Carling, Hollywood, assignors to Carling-Larrabee Company, Hollywood, Calif. Game apparatus. 2,061,135; Nov. 17.
- Bisson, Charles S., and W. B. Dye, Davis, Calif. Chemical process for the preparation of white beeswax from crude beeswax. 2,037,111; Apr. 14.
- Bitless Brides Proprietary Limited. (See Tilburn, Albert E., assignor.)
- Bitner, William H. (See Lundin, H., and Bitner.)
- Bitney, Dewey H., assignor to Union Steel Products Company, Albion, Mich. Reenforce bar support. 2,043,367; June 9.
- Bitter, Francis, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Magnetic material and producing same. 2,046,717; July 7.
- Bitter, Jack L., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Washing of yarn. 2,062,987; Dec. 1.
- Bitting, Charles D. (See Norman, G. M., and Bitting.)
- Bitting Incorporated. (See Keller, Harry H., assignor.)
- Bitter, Jack L., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Washing and after-treatment of yarn. 2,057,411; Oct. 13.
- Bittner, Joseph E., Jr., Yakima, Wash. Fracture reducing splint. 2,055,024; Sept. 22.
- Bitzenburger, Frank C., Los Angeles, Calif. Handle wedge. 2,034,080; Mar. 17.
- Bitzer, Gottlob, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Knitting machine thread carrier actuating means. 2,031,300; Feb. 18.
- Bivin, Robert J., Augusta, and H. M. Houston, Alto, Tex. Attachment for earthworking devices. 2,048,054; July 21.
- Bixby, Leo A., assignor to Fuller Manufacturing Company, Kalamazoo, Mich. Remote control for transmissions. 2,040,594; May 12.
- Bixby, Walter. (See Hathaway, E. F., and Bixby.)
- Bixler, Harley H., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,028,584; Jan. 21.
- Bixler, Harley H., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,039,053; Apr. 28.
- Bixler, Harley H., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,042,497; June 2.
- Bixler, Harley H., Schenectady, N. Y., assignor to General Electric Company. Valve assembly. 2,043,849; June 9.
- Bixler, Harley H., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,050,876; Aug. 11.



- Bixler, Harley H., Schenectady, N. Y., assignor to General Electric Company. Fluid muffler. 2,063,658; Dec. 8.
- Bixler, Paul S., Westminster, Md. Match box. 2,065,961; Dec. 29.
- Bizzell, Carey K. (See Bizzell, James E., and C. K.)
- Bizzell, James E., Brooklyn, N. Y., and C. K. Bizzell, Elizabeth, N. J. Salting edible nuts. 2,026,813; Jan. 7.
- Bjerg, Niels H., assignor to A. B. Dick Company, Chicago, Ill. Adhesive. 2,040,916; May 19.
- Bjerregaard, August P., Okmulgee, Okla., assignor to The Gray Processes Corporation, Newark, N. J. Producing drying oil and varnish from hydrocarbon material. 2,035,455; Mar. 31.
- Bjorlee, Anton H., Welch, Minn. Auction recording device. 2,058,660; Oct. 27.
- Björklund, Alrik. (See Fliesberg, E. A. M., and Björklund.)
- Björklund, Gustaf E. (See Dalén, G., and Björklund.)
- Björklund, Gustaf E., Lidingsö, assignor to Svenska Aktiebolaget Gasaccumulator, Stockholm, Sweden. Liquid fuel combustion apparatus. 2,045,895; June 30.
- Bjorklund, Rudolf H., Essington, Pa. Convertible chair, divan, and bed. 2,029,092; Jan. 28.
- Bjornson, Bjorn G., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control in two-way signaling systems. 2,049,941; Aug. 4.
- Bjornson, Bjorn G., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Transmission control in two-way signaling systems. 2,061,555; Nov. 24.
- Bjornson, Ingvar, Los Alamitos, Calif. Abradant holder. 2,044,896; June 23.
- Bjornson, Ingvar, Los Alamitos, Calif. Baby blanket. 2,048,097; July 21.
- Blacha Mateusz. (See Kubina, John, assignor.)
- Black, Alexander R., Gardena, Calif. Subirrigation system. 2,052,020; Aug. 25.
- Black, Andrew J., Butler, assignor to H. M. Black, Jeanette, Pa. Method of and apparatus for feeding glass. 2,058,763; Oct. 27.
- Black-Clawson Company, The. (See Bridge, Adam E., assignor.)
- Black-Clawson Company, The. (See Kutter, Herman L., assignor.)
- Black, Crayton K. (See Smith, F. H., and Black.)
- Black, Crayton K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes and their preparation. 2,049,286; July 28.
- Black & Decker Manufacturing Company, The. (See Preston, Henry C., assignor.)
- Black & Decker Electric Company, The. (See Spielman, Milton H., assignor.)
- Black & Decker Manufacturing Company, The. (See Decker, Alonzo G., assignor.)
- Black, Donald H. (See Gibson, W. T., and Black.)
- Black, Ethan E., Wichita, Kans. Clothesline reel. 2,053,458; Sept. 8.
- Black, Frank W., Akron, R. E. Lindemann, Barberton, and G. M. Schaulin, assignors to The Robinson Clay Product Company, Akron, Ohio. Pipe handling equipment. 2,032,523; Mar. 3.
- Black, George E. (See Young, J. H., and Black.)
- Black, George E., Sewickley, assignor to H. H. Robertson Company, Pittsburgh, Pa. Apparatus for producing cellular metal building units. 2,065,511; Dec. 29.
- Black, Gertrude M., executrix. (See Black, John E.)
- Black, Harold M. (See Black, Andrew J., assignor.)
- Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave amplifying system. 2,033,917; Mar. 17.
- Black, Harold S., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier wave transmission system. 2,034,856; Mar. 24.
- Black, Harold S., Forest Hills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier repeater system. 2,034,857; Mar. 24.
- Black, Harry L., assignor of one-half to A. R. Fletcher, Toronto, Ontario, Canada. Apparatus for indicating a nonoperative condition of vehicle lights. 2,039,516; May 5.
- Black, Horace D., Uxbridge, and A. A. C. Degen, Harrow, assignors to Bell Punch Company Limited, London, England. Totalizer. 2,032,972; Mar. 3.
- Black, Horace D., London, and C. F. Webb, Middlesex, assignors to Bell Punch Company Limited, London, England. Ticket issuing machine. 2,035,524; Mar. 31.
- Black, Horace D., London, and C. F. Webb, Eastcote, assignors to Bell Punch Company Limited, London, England. Device, more particularly manifold writing device for issuing tickets or the like. 2,060,922; Nov. 17.
- Black, James G., Morehead, Ky. Test scoring machine. 2,052,442; Aug. 25.
- Black, James L., Piqua, Ohio, assignor to The Superior Underwear Company. Undergarment construction and making the same. 2,037,060; Apr. 14.
- Black, John E., deceased, by Gertrude M. Black, executrix, Red Bank, and C. S. Smith, Westfield, assignors to The Babcock & Wilcox Company, Newark, N. J. Heat exchange apparatus. 2,065,850; Dec. 29.
- Black, John O., Detroit, Mich. Wood-graining. 2,064,456; Dec. 15.
- Black, Joseph J., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Inflatable repair bag. 2,065,919; Dec. 29.
- Black, Knox C., Mountain Lakes, N. J., assignor to Radio Corporation of America. Automatic volume control. 2,043,092; June 2.
- Black, Leroy G., assignor to American Potash & Chemical Corporation, Trona, Calif. Crystalline anhydrous borax. 2,064,337; Dec. 15.
- Black, Lester C., Los Angeles, Calif. Oil well drilling tackle. 2,052,074; Aug. 25.
- Black, Lester C., Los Angeles, Calif. Traveling block. 2,052,075; Aug. 25.
- Black, Lyle F., Roanoke, Va. Tool. 2,064,457; Dec. 15.
- Black, Millard. (See Huddleston, C. E., and Black.)
- Black, Millard S., assignor of one-third to L. F. Baash, one-third to E. Burns, Los Angeles, and one-third to H. P. Wickersham, Huntington Park, Calif. Safety joint. 2,065,932; Dec. 29.
- Black, Nolan S., Detroit, Mich. Portable hoisting machine. 2,035,294; Mar. 24.
- Black, William A., New Richmond, Wis. Barrel truck. 2,027,265; Jan. 7.
- Black, William A., Montclair, N. J., assignor to Fairchild Aerial Camera Corporation, Woodside, N. Y. Lens case locking device. 2,032,866; Mar. 3.
- Black, William A., Montclair, N. J., assignor to Fairchild Aerial Camera Corporation, Woodside, N. Y. Focal plane shutter. 2,039,517; May 5.
- Black, William C., Denver, Colo. Dyeing process. 2,050,260; Aug. 11.
- Black, William F. (See Dahl, O., and Black.)
- Black, William F., South Bend, Ind. Smoker's utensil. 2,063,977; Dec. 15.
- Black, William H., New York, N. Y. Safety razor. 2,031,455; Feb. 18.
- Black, Willy. (See Kruckenberg, F., Stedefeld, and Black.)
- Black, Willy. (See Stedefeld, C., and Black.)
- Black, Willy, Hanover, assignor to F. Kruckenberg and C. Stedefeld, Hanover, Germany. Transmission gear. 2,029,981; Feb. 4.
- Blackall, James D., assignor to Hood Rubber Company, Inc., Watertown, Mass. Cutting plastic material and tool therefor. 2,044,932; June 23.
- Blackburn, Charles. (See Barrows, G. A., and Blackburn.)
- Blackburn, Henry, Hull, Quebec, Canada. Furnace or boiler. 2,055,400; Sept. 22.
- Blackburn, Jasper, Webster Groves, Mo. Unitary wire connector. 2,027,415; Jan. 14.
- Blackburn, Philip W., East Orange, N. J., assignor to Westinghouse Lamp Company. Cathodes for discharge devices. 2,029,013; Jan. 28.
- Blackburn, Philip W., East Orange, N. J., assignor to Westinghouse Lamp Company. Electrode construction for discharge lamps. 2,053,318; Sept. 8.
- Blacker, Latham V. S., Coates, Pittleworth, England. Small arms. 2,055,168; Sept. 22.
- Blackhawk Mfg. Co. (See Pfauter, Edward M., assignor.)
- Blackinton, Amos S., assignor to Associated Attleboro Manufacturers, Inc., Attleboro, Mass. Metal fabric particularly adapted for use in bracelets. 2,032,831; Mar. 3.
- Blackinton, R., & Co. (See Ballou, Howard M., assignor.)
- Blackman, Joseph P., Fairfield, assignor of one-half to E. F. Hurd, Bridgeport, Conn. Stocking drier and stretcher. 2,062,777; Dec. 1.
- Blackmond, William C., Ranger, assignor of one-half to J. H. Reynolds, Cisco, Tex. Mixing machine. 2,030,847; Feb. 18.
- Blackmore, Leslie J., Paterson, N. J. Game apparatus. 2,062,204; Nov. 24.
- Black Rock Manufacturing Company, The. (See Keller, Joseph R., assignor.)
- Blackwood, James. (See Williamson, G. A., Holmes, and Blackwood.)
- Blaettner, Karl, Radebeul, Germany. Sheet separating mechanism. 2,066,196; Dec. 29.
- Blahe, Mike. (See Balko, Charles H., assignor.)
- Blaikie, Kenneth G. (See Morrison, G. O., Skirrow, and Blaikie.)
- Blain, W. M. (See Allen, John W., assignor.)
- Blair, George W., and J. F. Schott, assignors to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Floor covering and the like. 2,032,832; Mar. 3.
- Blair, Hollis W., assignor to Vermont Container Corporation, North Troy, Vt. Combination filler and separator for shipping cases. 2,049,349; July 28.
- Blair, James H., Staten Island, assignor to Chayes Dental Instrument Corporation, New York, N. Y. Grinding wheel mandrel. 2,030,910; Feb. 18.
- Blair, James H., Staten Island, assignor to Chayes Dental Instrument Corporation, New York, N. Y. Dental tool attachment. 2,043,028; June 2.
- Blair, James H., Prince Bay, assignor of one-third to O. J. Heinzmann, Prince Bay, and one-third to H. M. Groff, Great Kills, N. Y. Apparatus for making tubular metal articles. 2,058,556; Oct. 27.
- Blair, John C., et al. (See Friedlein, Elbert L., assignor.)
- Blair, John E., Oak Park, Ill., assignor to Intertype Corporation, Brooklyn, N. Y. Vise jaws for typographical machines. 2,035,421; Mar. 24.
- Blair Manufacturing Company. (See Bates, Charles W., assignor.)



- Blair, William R., Fort Monmouth, Oceanport, N. J. System of determining meteorological conditions by radio. 2,027,367; Jan. 14.
- Blair, William R., and P. E. Watson, Fort Monmouth, Oceanport, N. J. Radio frequency choke coil. 2,035,456; Mar. 31.
- Blaisdell, George G. (See Gimera, G., and Blaisdell.)
- Blaisdell, Sidney E., Wyncote, Pa., assignor to Fidelity Machine Company, Wilmington, Del. Convertible base for braiding machines. 2,045,515; June 23.
- Blake, Archie C., South Portland, Me. Apparatus for automatically opening garage doors. 2,038,161; Apr. 21.
- Blake, Charles C., Kittery Point, Maine, assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel fastening and attaching heels. 2,057,703; Oct. 20.
- Blake, Dan L., Wenatchee, Wash. Sand spreading device. 2,065,361; Dec. 22.
- Blake, Eli J. (See Pipkin, M. E., and Blake.)
- Blake, Elmer A., Cleveland Heights, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Apparatus for venting core boxes and the like. 2,049,732; Aug. 4.
- Blake, Frank O., West Los Angeles, Calif., assignor to Link-Belt Company, Chicago, Ill. Self-lubricating chain. 2,056,597; Oct. 6.
- Blake, George R. (See Dreyfus, C., and Blake.)
- Blake, George R., and G. W. Seymour, Cumberland, Md., assignors to Celanese Corporation of America. Textile process and product. 2,041,692; May 26.
- Blake, Joseph, Munday, Tex. Water cistern. 2,032,973; Mar. 3.
- Blake, Joseph H., Seattle, Wash. Rod or tool connector. 2,032,196; Feb. 25.
- Blake, Kenneth R., and R. H. Hill, Anderson, assignors to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,028,585; Jan. 21.
- Blake Manufacturing Corporation. (See Seaver, Blake A., assignor.)
- Blake, Margaret. (See Gibbs, Robert H., assignor.)
- Blake, Moffitt & Towne. (See Hoblick, Benjamin M., assignor.)
- Blake, Robert W., Indianapolis, Ind. Denture. 2,036,678; Apr. 7.
- Blake, Sarah A., Atlanta, Ga. Sanitary and protective cover for permanent wave pads. 2,038,710; Apr. 28.
- Blake, William F., South Pasadena, Calif. Washing machine. 2,059,080; Oct. 27.
- Blake, William F., assignor, by mesne assignments, to F. A. Speik, South Pasadena, Calif. Mop wringer. 2,061,556; Nov. 24.
- Blakely, Carl. (See Wilhelm, J. A., and Blakely.)
- Blakeman, Arthur C., North Arlington, N. J., assignor to Westinghouse Lamp Company. Shockproof electrical device and a shock absorbing and distributing means therefor. 2,049,287; July 28.
- Blakeman, Benjamin F., assignor of one-half to B. E. Rhudy, Greensboro, N. C. Copyholder. 2,062,964; Dec. 1.
- Blakeslee, Edward L., Oak Park, assignor to G. S. Blakeslee & Co., Cicero, Ill. Dishwashing machine. 2,031,816; Feb. 25.
- Blakeslee, G. S., & Co. (See Blakeslee, Edward L., assignor.)
- Blakeslee, Henry J., Marlboro, Conn. Sealing closures of electrical devices. 2,047,936; July 21.
- Blakeslee, John R., Willoughby, assignor to The Ajax Manufacturing Company, Euclid, Ohio. Electric heating apparatus. 2,027,416; Jan. 14.
- Blakeslee, Samuel W. (See Davis, Kenneth, assignor.)
- Blanc, Aimé, Aix-en-Provence, France. Automatic detecting and alarm apparatus from a distance of fire. 2,035,738; Mar. 31.
- Blanchard, Adna F., Providence, R. I., assignor to Tryon Viscostor Corporation, Elmira, N. Y. Comparative viscosity device. 2,032,197; Feb. 25.
- Blanchard, Arthur A., Southbridge, Mass. Signal attachment for vehicles. 2,050,779; Aug. 11.
- Blanchard, Benjamin B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Welt butting machine. 2,045,577; June 30.
- Blanchard, Edwin S., assignor to United-Car Fastener Corporation, Cambridge, Mass. Slide fastener. 2,044,662; June 16.
- Blanchard, Frederick C., Brookline, Mass. Automatic lubrication system. 2,047,352; July 14.
- Blanchard, Frederick C., Brookline, assignor to Rivett Lathe and Grinders, Inc., Brighton, Boston, Mass. Lathe. 2,043,947; June 9.
- Blanchard, Frederick C., Brookline, assignor to Rivett Lathe and Grinders, Inc., Brighton, Boston, Mass. Universal automatic slide rest. 2,065,933; Dec. 29.
- Blanchard, Frederick C., Dorchester, Mass. Lubricating system. 2,061,790; Nov. 24.
- Blanchard, Frederick C., Dorchester, Boston, assignor to Rivett Lathe & Grinder Corporation, Boston, Mass. Lathe. 2,043,967; June 9.
- Blanchard, Harry G., Buffalo, N. Y. Rounding an end of a metal part. 2,050,416; Aug. 11.
- Blanchard, Hymen A., and C. W. Robertson, Buffalo, N. Y., said Robertson assignor to said Blanchard. Variable speed mechanism. 2,032,735; Mar. 3.
- Blanchard, Joseph, assignor of one-half to C. G. Vokes, London, England. Apparatus for silencing pulsating gaseous currents. 2,051,675; Aug. 18.
- Blanchard, Leon E., Somerville, assignor to Barbour Stockwell Company, Cambridge, Mass. Indicating instrument. 2,047,353; July 14.
- Blanchard, Lloyd H., Barre, Mass. Cleaning and massage device for dental purposes. 2,039,278; May 5.
- Blanchard, Lloyd H., Barre, Mass. Cleaning and massage device for dental purposes. 2,045,939; June 30.
- Blanchard, Paul L. C., M. H. V. Delot, and R. A. Pigal, Paris, France. Smelting furnace. 2,053,652; Sept. 8.
- Blanchard, Werner J., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Crankcase vent. 2,032,682; Mar. 3.
- Blanchet, Adias E., Mystic, Conn., assignor to Sonoca Products Company, Hartsville, S. C. Tube for nonrenewable fuses. 2,059,507; Nov. 3.
- Blanchet, Paul, and G. Tillie, Paris, assignor to Société Anonyme; F. A. C. A., Neuilly, France. Machine for making finishing welts. 2,028,494; Jan. 21.
- Blanchette, Eli, Dayville, Conn. Stringed musical instrument. 2,048,592; July 21.
- Blanchette, Eli, Dayville, Killingly, Conn. Stringed instrument. 2,064,516; Dec. 15.
- Blanchette, Emma B. (See Wayne, Thomas E., assignor.)
- Blandon Manufacturing Company, The. (See Myers, Don D., assignor.)
- Blaser, John, Sharon, Pa. Spring winding tool. 2,052,443; Aug. 25.
- Blank, John E., and G. S. Adams, Jackson, Mich., assignors to Ryerson & Haynes Inc. Method and apparatus for rolling back bands for tire covers. 2,043,792; June 9.
- Blankenbuehler, John H., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dynamo-electric machine. 2,057,471; Oct. 13.
- Blankenbuehler, John H., Swissvale, and A. C. Hunkeler, Wilkensburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Welding apparatus. 2,060,489; Nov. 10.
- Blase, Harry H., Wilkes-Barre, Pa. Spectacles. 2,043,730; June 9.
- Blaser, Rudolf, Bremen, Germany. Belt for supporting wearing apparel. 2,035,257; Mar. 24.
- Blashill, Arthur E., Withington, Manchester, England. Wire feeding mechanism. 2,053,260; Sept. 8.
- Bläsing, Erich. (See Matuschke, W., and Bläsing.)
- Blatch, Francis H. (See Menzies, W. C., and Blatch.)
- Blath, William H., Beechhurst, N. Y. Pad for invalids. 2,056,767; Oct. 6.
- Blatterman, Albert S., Asbury Park, N. J. System for remotely controlling a radio receiver. 2,031,555; Feb. 18.
- Blattner, David G., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,058,208; Oct. 20.
- Blattner, Emil H., Rochester, assignor to The Gould Coupler Company, New York, N. Y. Cushioning mechanism. 2,053,940; Sept. 8.
- Blattner, Robert F., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. 2,053,513; Sept. 8.
- Blau, Ernest E., Queens Village, N. Y. Game apparatus. 2,053,598; Sept. 8.
- Blau, Harry, Brooklyn, N. Y. One-piece egg carton. 2,063,720; Dec. 8.
- Blau, Henry H., Charleroi, Pa., and H. N. Baumann, Jr., assignors to The Carborundum Company, Niagara Falls, N. Y. Furnace lining and material therefor. 2,043,029; June 2.
- Blau, Ludwig W., Houston, Tex., assignor to Standard Oil Development Company. Seismic prospecting. 2,055,476; Sept. 29.
- Blau, Ludwig W., Houston, Tex., assignor to Standard Oil Development Company. Electrical circuits for seismic prospecting. 2,055,477; Sept. 29.
- Blau, Ludwig W., Houston, Tex., assignor to Standard Oil Development Company. Tamping for explosives. 2,055,618; Sept. 29.
- Blau, Ludwig W., Houston, Tex., assignor to Standard Oil Development Company. Reflection shooting procedure for the accurate determination of dip. 2,058,764; Oct. 27.
- Blau, Ludwig W., and R. W. Gemmer, Houston, Tex., assignors to Standard Oil Development Company. Method and apparatus for logging a well. 2,037,306; Apr. 14.
- Blau, Ludwig W., and L. Statham, Houston, Tex., assignors to Standard Oil Development Company. Method and apparatus for seismic prospecting. 2,046,104; June 30.
- Blau, Ludwig W., and L. Statham, Houston, Tex., assignors to Standard Oil Development Company. Method and apparatus for seismic-electric prospecting. 2,054,067; Sept. 15.
- Blau, Ludwig W., and J. S. Watt, Houston, Tex., assignors to Standard Oil Development Company. Regenerative filter. 2,055,619; Sept. 29.
- Blaufuss, George, Napa, Calif. Semicontinuous self cleaning filter. 2,038,921; Apr. 28.
- Blauevelt, Fred K. (See Holiday, E. W., and Blauevelt.)
- Blaw-Knox Company. (See Chandler, Willard P., Jr., assignor.)



- Blaw-Knox Company. (See Harrington, Edward LeR., assignor.)
- Blaw-Knox Company. (See McCrery, Harold E., assignor.)
- Blaw-Knox Company. (See Venable, William M., assignor.)
- Blaylock, Raymond C., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Control mechanism. 2,056,999; Oct. 13.
- Blazek, John Y., Maple Heights, and R. G. Anderson, Cleveland, assignors to Lemeco Products Inc., Bedford, Ohio. Length adjusting means for plungers and the like. 2,050,481; Aug. 11.
- Blazek, John Y., Maple Heights, and R. G. Anderson, Cleveland, assignors to Lemeco Products, Inc., Bedford, Ohio. Surface finishing machine. 2,056,706; Oct. 6.
- Blazek, John Y., Maple Heights, and R. G. Anderson, Cleveland, assignors to Lemeco Products, Inc., Bedford, Ohio. Turning attachment. 2,056,707; Oct. 6.
- Blazek, John Y., Maple Heights, and R. G. Anderson, Cleveland, assignors to Lemeco Products, Inc., Bedford, Ohio. Clamping means. 2,062,494; Dec. 1.
- Bleasdale, Albert. (See Connor, K. W., and Bleasdale.)
- Blech, Waldemar, assignor to Thurlow G. Gregory, Cleveland, Ohio. Detergent composition. 2,056,916; Oct. 6.
- Blech, Waldemar, Cleveland, Ohio, assignor to Thurlow G. Gregory. Detergent composition. 2,064,725; Dec. 15.
- Blecker, Herbert E., New York, N. Y. Fishing apparatus. 2,064,408; Dec. 15.
- Bleeker, George W., trustees, et al. (See Martin, Laurence C.)
- Bleeker, Warren F., Tulsa, Okla., assignor to W. J. Cheley, Longmont, Colo. Method of and apparatus for proportioning fluid mixtures. 2,057,226; Oct. 13.
- Bleeker, William H., Jr., Mount Lebanon, Pa., assignor, by mesne assignments, to American Chain Company, Inc. Display sign. 2,029,908; Feb. 4.
- Bleibler, Ernest, Ghent, Belgium, assignor to Sylvania Industrial Corporation, Fredricksburg, Va. Scraper for bands with a sensitive surface. 2,050,519; Aug. 11.
- Bleibler, Ernst, Ghent, Belgium. Apparatus for coating fibers. 2,062,389; Dec. 1.
- Blemer (S. A. R. L.) (See Volet, René A. L., assignor.)
- Blenner, Victor G., et al. (See Kundel, William, assignor.)
- Blessing, William J., Buffalo, assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Critical speed control apparatus. 2,052,162; Aug. 25.
- Bletz, Edward, Lexington, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Remote control thermostat. 2,044,147; June 16.
- Bletz, Edward, Lexington, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Temperature control system. 2,046,718; July 7.
- Blevins, Albert C., assignor to Nu-Deal Handle Co., Dallas, Tex. Bottle holder. 2,029,051; Jan. 28.
- Blew, Michael J. (See Allen, J. E., Blew, and Wood.)
- Blewett, John, assignor to The Murray Company, Dallas, Tex. Machine for cleaning seed cotton and for extracting the seed cotton from burrs and hulls. 2,031,587; Feb. 25.
- Bley, Fred, assignor of one-half to M. Hoerer, Chicago, Ill. Abrasive saw. 2,032,385; Mar. 3.
- Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Producing disilane-rayon. 2,030,736; Feb. 11.
- Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Cellulosic spinning solutions containing aromatic silicon derivatives. 2,030,737; Feb. 11.
- Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Cellulosic spinning solutions containing aliphatic silicon compounds. 2,030,738; Feb. 11.
- Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Producing silicon-rayon. 2,030,739; Feb. 11.
- Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Soft-luster rayon. 2,030,740; Feb. 11.
- Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Producing rubber articles. 2,054,780; Sept. 15.
- Bley, Rudolph S., Elizabethton, Tenn., assignor to The Porcelain Enamel and Manufacturing Company of Baltimore, Baltimore, Md. Vitreous enamel dispersions. 2,058,209; Oct. 20.
- Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Producing alloprene-rayon and products thereof. 2,060,786; Nov. 17.
- Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Viscose and cuprammonium cellulose spinning solutions and products thereof. 2,060,787; Nov. 17.
- Bleyenbeuff, Charles, assignor to Compagnie Internationale des Cuirs Comprimés Attila C. I. C. C. A. Societe Anonyme, Brussels, Belgium. Manufacturing reconstituted compressed leather and product obtained thereby. 2,040,511; May 12.
- Blickman, Saul, New York, N. Y. Apparatus for use in welding partitions. 2,047,190; July 14.
- Bliss, Albert, Providence, R. I., assignor, by mesne assignments, to C. Mansel, Newark, N. J. Fuel oil burner. 2,027,717; Jan. 14.
- Bliss, E. W., Company. (See Mueller, Otto, assignor.)
- Bliss, Elmer J., Boston, assignor to Regal Shoe Company, Whitman, Mass. Shoe measuring device. 2,043,649; June 9.
- Bliss, Frank E., South Omaha, Nebr. Gun-sighting device. 2,032,648; Mar. 3.
- Bliss, Harold N., assignor to Bliss-Morse Research Corporation, Ithica, N. Y. Variable coil. 2,037,061; Apr. 14.
- Bliss, Harvey N., Hartford, Conn., assignor to Veeder-Root, Incorporated. Counting mechanism. 2,044,200; June 16.
- Bliss, Harvey N., Hartford, Conn., assignor to Veeder-Root, Incorporated. Key stroke counter. 2,044,201; June 16.
- Bliss, Harvey N., Hartford, Conn., assignor to Veeder-Root, Incorporated. Key stroke counting mechanism. 2,044,202; June 16.
- Bliss, Louis V., Calgary, Alberta, Canada. Bearing pulling tool. 2,031,998; Feb. 25.
- Bliss, Lyman A., assignor to The Linde Air Products Company, New York, N. Y. Liquid trapping device. 2,029,852; Feb. 4.
- Bliss-Morse Research Corporation. (See Bliss, Harold N., assignor.)
- Bliss, Sherwood C. (See Roehm, J. G., and Bliss.)
- Bliss, Sherwood C., Kenmore, and C. F. Lautz, assignors to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,038,533; Apr. 28.
- Blissenbach, Jacob A. (See Montgomery, Hanna T., assignor.)
- "Blitz-Filter" G. m. b. H. (See Voigt, Ottomar, assignor.)
- Blizard, John, Garden City, assignor to Foster Wheeler Corporation, New York, N. Y. Armor block for water walls and the like. 2,028,142; Jan. 21.
- Bloch, Richard, Pelham Manor, N. Y. Stocking. 2,053,761; Sept. 8.
- Bloch, Saul et al. (See Lotts, Delbert L., assignor.)
- Blocher, Ora G. (See Stout, W. B., Wright, and Blocher.)
- Block, Abraham J., San Francisco, Calif. Discharge controlling device for storage batteries. 2,051,514; Aug. 18.
- Block, Alexander, New York, N. Y. Combination of typographic machines. 2,055,463; Sept. 29.
- Block, Alexander E., St. Louis, Mo. Arch supporting apparatus. 2,057,510; Oct. 13.
- Block, David J., Winnetka, Ill. Stripper. 2,046,317; July 7.
- Block, David J., Winnetka, Ill. Aluminum-coated piston. 2,063,904; Dec. 15.
- Block, Harold C. (See Layne, L. A., and Block.)
- Block, Louis, and M. Metzger, assignors to Blockson Chemical Co., Joliet, Ill. Purifying treatment for alkali metal phosphate solutions. 2,053,319; Sept. 8.
- Block, Samuel J., assignor to Steel Kitchens Corporation, Connerville, Ind. Making sheet metal construction. 2,062,287; Dec. 1.
- Blockson Chemical Co. (See Block, L., and Metzger, assignor.)
- Blodgett, Albert G., assignor to Riley Stoker Corporation, Worcester, Mass. Steam boiler with economizers. 2,065,559; Dec. 29.
- Blodgett, Edwin O., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,042,450; June 2.
- Bloedorn, Clyde H., New Orleans, La., assignor to Continental Can Company, Inc., New York, N. Y. Treating oysters preparatory to canning the same. 2,051,676; Aug. 18.
- Blok, Lourens. (See Uytterhoeven, W., Druyvesteyn, Verburg, and Blok.)
- Blok, Lourens, Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge lamp device. 2,030,426; Feb. 11.
- Blomberg, Martin P. (See Adams, E. E., and Blomberg.)
- Blomberg, Martin P. (See Mussey, W. H., and Blomberg.)
- Blomberg, Martin P., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Side sill. 2,035,113; Mar. 24.
- Blomberg, Martin P., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Conduit connection between car bodies. 2,042,765; June 2.
- Blomberg, Martin P., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Engine bed for railway cars. 2,056,229; Oct. 6.
- Blomberg, Martin P., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Seat sill. 2,056,230; Oct. 6.
- Blomberg, Martin P., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. End post for railway cars. 2,056,232; Oct. 6.
- Blomberg, Martin P., and M. E. Shaver, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Railway car brake. 2,037,755; Apr. 21.
- Blome, August B., Mount Vernon, assignor to The Superheater Company, New York, N. Y. Firebox superheater. 2,032,396; Mar. 3.
- Blome, August B., Mount Vernon, assignor to The Superheater Company, New York, N. Y. Unitary steam separator and throttle. 2,057,667; Oct. 20.
- Blömer, Alfred. (See Becker, W., Orthner, and Blömer.)
- Blomfield, Alfred L., Kirkland Lake, Ontario, Canada. Treating gold and like bearing ores. 2,051,285; Aug. 18.
- Blomfield Engineering Company. (See Durant, H. T., and Stubbings, assignors.)



- Blomgren, Henry E., Central Park, assignor of one-fourth to W. D. McGurn, Rockville Centre, N. Y. Internal combustion engine. 2,041,319; May 19.
- Blomquist, Ernest J., Siscoe, Quebec, Canada. Spring tool. 2,055,001; Sept. 22.
- Blomquist, Johan V., assignor to Aktiebolaget Atmos, Stockholm, Sweden. Steam generating plant. 2,056,598; Oct. 6.
- Blondeau, Emile L., Houston, Tex. Lawn edger. 2,043,148; June 2.
- Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Size controlling mechanism for boring machines and the like. 2,041,898; May 26.
- Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Size determining mechanism for automatic machines. 2,050,261; Aug. 11.
- Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Grinding machine. 2,056,340; Oct. 6.
- Blood, Harold L., Birmingham, Mich., assignor to The Heald Machine Company, Worcester, Mass. Grinding machine and method. 2,047,055; July 7.
- Blood, Harold L., and A. P. Burns, assignors to The Heald Machine Company, Worcester, Mass. Grinding machine. 2,027,627; Jan. 14.
- Blood, Harold L., Birmingham, Mich., and W. H. Pickener, assignors to The Heald Machine Company, Worcester, Mass. Grinding machine. 2,050,482; Aug. 11.
- Blood, Louis H., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Machine tool. 2,042,247; May 26.
- Bloom, Isaac H., Pittsburgh, Pa. Direct by mail advertising device. 2,035,218; Mar. 24.
- Bloom, Nathan P., Louisville, Ky. Carpet sweeper housing and handle. 2,057,181; Oct. 13.
- Bloom, Otto I. (See Friedman, S. I. S., and Bloom.)
- Bloom, Otto I. (See Ish-Shalom, S., and Bloom.)
- Bloom, Philip S., Chicago, Ill. Undergarment. 2,064,409; Dec. 15.
- Blomberg, Edward L., Cleveland Heights, Ohio. Vapor supplying device for motors. 2,048,175; July 21.
- Bloomenthal, Sidney, Philadelphia, Pa., assignor to Radio Corporation of America. Piezoelectric element. 2,047,252; July 14.
- Bloomer Bros. Company. (See Inman, William H., assignor.)
- Bloomer Bros. Company. (See Klefeker, Charles B., assignor.)
- Bloss, Richard R., Columbus, Ohio, assignor to International-Stacey Corporation, Columbus, Ohio. Crank counterbalance. 2,030,046; Feb. 11.
- Bloss, Richard R., assignor to International Stacey Corporation, Columbus, Ohio. Back side crank. 2,035,525; Mar. 31.
- Bloss, Richard R., assignor to International-Stacey Corporation, Columbus, Ohio. Walking beam for well pumping and drilling mechanism. 2,042,294; May 26.
- Blosser, Herman G. (See Nicholson, F. H., and Blosser.)
- Blosser, Herman G., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,057,605; Oct. 13.
- Blosser, John E., Glens Falls, and P. Burke, South Glens Falls, assignors to Veldown Company, Inc., New York, N. Y. Tab end folding mechanism. 2,037,561; Apr. 14.
- Blosser, John E., Glens Falls, and P. Burke, South Glens Falls, N. Y., assignors to Veldown Company, Inc. Method and apparatus for packaging rolls. 2,049,759; Aug. 4.
- Blott, John F. T. (See Gabriel, L. G., Blott, Peard, Firmin, Meunier, and van der Minne.)
- Blount, Alvin H., Los Angeles, assignor to Jell-Well Dessert Company, Ltd., Vernon, Calif. Food and food packaging. 2,042,581; June 2.
- Blount, Arthur L., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Castor machine oils. 2,031,405; Feb. 18.
- Blount, Eugene B. A., Athens, Ga. Polishing wheel. 2,039,578; May 5.
- Blount, Frank E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Protective system. 2,046,719; July 7.
- Blount, Frank E., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Remote control circuit. 2,052,273; Aug. 25.
- Blount, Nelson, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,039,625; May 5.
- Blow, George, New York, N. Y. Drilling wells. 2,043,504; June 9.
- Bloxom, Obed A. (See Baruch, H. N., Amory, and Bloxom.)
- Blossom, Allan P., Houston, Tex. Combination stereoscopic motion picture projector and screen. 2,050,826; Aug. 11.
- Blue, Arthur A., Sewickley, Pa. Valve. 2,040,727; May 12.
- Blue, Concetta L. (See Carlson, Axel S., assignor.)
- Blue, Ralph, assignor to Johnson Motor Company, Waukegan, Ill. Engine control. 2,058,401; Oct. 27.
- Bluehorn, William R., Hartford, Conn., and F. K. Howard, East Falls Church, Va. Trigger mechanism for machine guns. 2,063,905; Dec. 15.
- Blumel, Gustave, Chicago, Ill. Air heater. 2,044,715; June 16.
- Blue Moon Cheese Products, Inc. (See Spear, Lambert E., assignor.)
- Blue Rock Chemical Corporation of Virginia. (See Bailey, Charles W., assignor.)
- Blum, Charles G., Cincinnati, Ohio. Door closing device. 2,046,892; July 7.
- Blum, Gustav K., York, assignor to The McKay Company, Pittsburgh, Pa. Buckle device. 2,065,638; Dec. 29.
- Blum, Hermann, assignor, by mesne assignments, to Dortmund-Hoerder, Huttenverein Aktiengesellschaft, Dortmund, Germany. Dolphin. 2,058,402; Oct. 27.
- Blum, Hosmer L., Burlingame, Calif. Device for extracting juice from fruit. 2,057,227; Oct. 13.
- Blum, Izbhak, Paris, assignor to Société Comptoir d'Appareils Textiles, Société à Responsabilité Limitée, Riedisheim, near Mulhouse (Haut-Rhin), France. Stop motions of textile apparatus. 2,039,209; Apr. 28.
- Blum, Karl. (See Schneider, E., and Blum.)
- Blumberg, Harry S., assignor to M. W. Kellogg Company, New York, N. Y. Heat treating welded containers. 2,029,807; Feb. 4.
- Blume, Albert F., New York, N. Y. Radio system. 2,061,416; Nov. 17.
- Blume, George E., Philadelphia, Pa. Roll for clothes wringers. 2,029,459; Feb. 4.
- Blume, Louis F., Pittsfield, Mass., assignor to General Electric Company. Protection of electric circuits. 2,030,679; Feb. 11.
- Blume, Margaret C. (See Hanke, Milton T., assignor.)
- Blumenfeld, Joseph, Paris, France, and M. Mayer, Karlsbad, Czechoslovakia, assignors to Krebs Pigment & Color Corporation, Newark, N. J. Preparation of titanium pigments. 2,026,862; Jan. 7.
- Blumenkranz, Nathaniel M. H., and T. Finizie, Peekskill, N. Y. Slicing device for vegetables and the like. 2,058,765; Oct. 27.
- Blumenkranz, Nathaniel M. H., and T. Finizie, Peekskill, N. Y. Gang blade slicing apparatus. 2,058,766; Oct. 27.
- Blumenstock, Louis, Brooklyn, N. Y. Shirt envelope. 2,039,383; May 5.
- Blumenstock, Louis, Brooklyn, N. Y. Shirt envelope. 2,039,384; May 5.
- Blumental, Benjamin, Youngstown, Ohio. Display stand. 2,029,407; Feb. 4.
- Blumental, André, Norwalk, and E. S. Jacobsen, Shelton, Conn., assignors to Sidney Blumenthal & Co. Inc., New York, N. Y. File fabric and producing the same. 2,059,948; Oct. 27.
- Blumenthal, I. D., et al. (See Stroud, William A., assignor.)
- Blumenthal, Samuel J., Brooklyn, N. Y. Surgical instrument. 2,041,521; May 19.
- Blumenthal, Sidney, & Co. (See Blumenthal, A., and Jacobsen, assignors.)
- Blumenthal, Sidney, & Co. (See Ferguson, D., and Schell, assignors.)
- Blumenthal Sidney, & Co. (See Holland, Arthur G., assignor.)
- Blumlein, Alan D., Ealing, London, assignor to Electric and Musical Industries Limited, Hayes, Middlesex, England. Supply of electrical energy to varying loads, for example, to thermionic valve apparatus. 2,035,457; Mar. 31.
- Blumlein, Alan D., West Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, England. Sound-transmission, sound-recording, and sound-reproducing system. 2,062,275; Nov. 24.
- Blumlein, Alan D., Ealing, London, assignor to Electric and Musical Industries Limited, Hayes, Middlesex, England. Sweep circuit. 2,063,025; Dec. 8.
- Blunt, Carleton, et al. (See Cunningham, Alexander, assignor.)
- Blunt, Edmund H., Brooklyn, N. Y. Pump construction. 2,031,456; Feb. 18.
- Blunt, James G., Schenectady, assignor to American Locomotive Company, New York, N. Y. Rod and supporting means therefor. 2,033,109; Mar. 10.
- Blunt, James G., Schenectady, assignor to American Locomotive Company, New York, N. Y. Railway vehicle and lateral motion resistance device therefor. 2,047,666; July 14.
- Bly, Edwin P., assignor to International Bitumen Emulsions Corporation, San Francisco, Calif. Treating coated pipe. 2,061,825; Nov. 24.
- Bly, Ernest W., and H. H. Lutz, Cleveland, Ohio. Nut roasting machine. 2,027,146; Jan. 7.
- Blydenburgh, Harold L. (See George, E. S., and Blydenburgh.)
- Boadwee, Russell K., Yonkers, and W. P. Seem, Richmond Hill, assignors to Julius Kayser & Co., New York, N. Y. Fabric inspecting apparatus. 2,059,307; Nov. 3.
- Boadwee, Russell K., Yonkers, and W. P. Seem, Richmond Hill, assignors to Julius Kayser & Co., New York, N. Y. Apparatus for inspecting fabric. 2,059,308; Nov. 3.
- Boaler, William H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of knitted fabrics. 2,060,020; Nov. 10.
- Boals, John W. (See Dehn, W. M., and Boals.)
- Boardman, Edward M. (See Curtis, A. M., and Boardman.)
- Board of Regents of University of Minnesota. (See Diehl, Harold S., assignor.)
- Board of Trustees of The University of Illinois. (See Grant, Francis R., assignor.)
- Board of Trustees of the University of Illinois. (See Johnstone, Henry F., assignor.)



- Boatner, Howell, Springfield, Mo. Articulator. 2,037,003; Apr. 14.
- Boax, John J., McKeesport, and J. A. Miller, Brentwood, Pa., assignors to National Tube Company. Coating apparatus. 2,050,036; Aug. 4.
- Bob, H. D., Company. (See Ransom, John B., assignor.)
- Bobb, Lloyd J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Sound reproducing apparatus. 2,059,929; Nov. 3.
- Bobe, Stanley A. (See Frank, L. C., and Bobe.)
- Bobis, Stephen, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission network. 2,043,345; June 9.
- Bobis, Stephen, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission network. 2,044,047; June 16.
- Bobrick, Arthur L., San Marino, Calif. Liquid soap converter. 2,032,524; Mar. 3.
- Bobroff, Bornett L., Racine, Wis. Switch construction for automotive vehicles. 2,057,000; Oct. 13.
- Bocca, Carlo, Vigevano, Italy. Superposing partial images of polychromatic selection and projecting them to obtain an image in natural colors. 2,050,417; Aug. 11.
- Bocca, Carlo, and L. Amati, Padova, Italy. Obtaining slightly relieved photographic images. 2,065,302; Dec. 22.
- Boch, Oscar A., Brooklyn, assignor of one-half to W. V. Hagedorn, Kew Gardens, N. Y. Location finder. 2,063,906; Dec. 15.
- Bochenek, Joseph, Milwaukee, Wis. Ash sifter. 2,034,426; Mar. 17.
- Bochmann, Otto, Remscheid-Lennep, Germany, assignor to North American Rayon Corporation. Device for spinning and further treatment of artificial silk. 2,043,921; June 9.
- Bochmann, Otto, and T. Vollenbroich, Remscheid-Lennep, assignors to Barmer Maschinenfabrik, Aktiengesellschaft, Wuppertal-Oberbarmen, Germany. Gear pump for artificial silk spinning machines. 2,041,454; May 19.
- Bochmann, Otto, and T. Vollenbroich, Remscheid-Lennep, assignors to Barmer Maschinenfabrik, Aktiengesellschaft, Wuppertal-Oberbarmen, Germany. Gear pump for artificial silk spinning machines. 2,049,797; Aug. 4.
- Bocil Corporation. (See Miller, James R., assignor.)
- Bocil Corporation. (See Wilkoff, Arthur E., assignor.)
- Bock, Fred P. (See Halinka, George, assignor.)
- Bock, Louis H. (See Powers, D. H., and Bock.)
- Bock, Oscar L., Madison, Wis. Burner construction. 2,038,522; Apr. 28.
- Bock, Oscar L., Madison, Wis. Burner. 2,065,264; Dec. 22.
- Bock, Oscar L., Madison, Wis. Oil burner. 2,065,265; Dec. 22.
- Bockius, Robert W., United States Navy. Navigational instrument. 2,027,368; Jan. 14.
- Bockmühl, Max. (See Hagedorn, M., Bockmühl, and Gorr.)
- Bockmühl, Max, and G. Ehrhart, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Salts of tetrahydro-N-methyl nicotinic acid-methylester with amino-substituted arsonic acids. 2,037,112; Apr. 14.
- Bockmühl, Max, Frankfort-on-the-Main, and A. Fehrlé, Bad Soden-on-the-Taunus, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Salts of organic arsonic acids with acridine compounds. 2,040,070; May 12.
- Bockmühl, Max and L. Stein, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Aqueous solutions of addition compounds of alkylacridinium salts with heavy metal salts and a process of preparing them. 2,043,650; June 9.
- Bockmühl, Max, and W. Persch, Frankfort-on-the-Main, and E. Bartholomäus, Wiesbaden-Biebrich, Germany, assignors to Winthrop Chemical Company Inc., New York, N. Y. New therapeutically active urea- and thiourea-derivatives. 2,050,557; Aug. 11.
- Bockmühl, Max, and F. Lindner, Frankfort-on-the-Main, and Otto Schaumann, Wiesbaden, Germany, assignors to Winthrop Chemical Company Inc., New York, N. Y. Stable hormone dry preparations in a solid condition and preparing them. 2,050,558; Aug. 11.
- Bockmühl, Max, Frankfort-on-the-Main, O. Schaumann, Wiesbaden, and G. Ehrhart and L. Stein, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company Inc., New York, N. Y. Anesthetic combinations containing, besides a local anesthetic agent, a vasoconstricting agent. 2,055,064; Sept. 22.
- Bockmühl, Max, W. Persch, and G. Ehrhart, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Organic bismuth compounds of hydroaromatic endomethylene benzoic acids. 2,058,403; Oct. 27.
- Bockmühl, Max, Frankfort-on-the-Main, E. Simons, Hofheim-on-the-Taunus, and E. Dörzbach, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Albuminous solutions which do not form flakes. 2,060,021; Nov. 10.
- Bockmühl, Max, G. Ehrhart, and L. Stein, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing racemic compounds of the 1-hydroxyphenyl-2-aminopropan-1-ol series. 2,061,136; Nov. 17.
- Bockmühl, Max, and W. Ludwig, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Aqueous solution of anesthetic substances. 2,061,544; Nov. 24.
- Bockmühl, Max, Frankfort-on-the-Main, and O. Schaubmann, Wiesbaden, and G. Ehrhart and L. Stein, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Anesthetic combinations containing, besides a local anesthetic agent, a vaso constricting agent. 2,061,557; Nov. 24.
- Bockmühl, Max, and L. Stein, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Salts of acridinium bases and preparing them. 2,063,865; Dec. 8.
- Bockting, Benjamin B. (See Brandt, F. H. G., and Bockting.)
- Boddinghouse, Emmons R., assignor to Gas Tool Patents Corporation, Chicago, Ill. Power hammer. 2,061,345; Nov. 17.
- Boddy, Edwin H., and E. W. Vars, Erie, Pa., assignor to General Electric Company. Wire feeding device. 2,046,997; July 7.
- Bode, Frank, New York, N. Y. Clothes drier. 2,061,499; Nov. 17.
- Bode, Hendrik W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission network. 2,029,014; Jan. 28.
- Bode, Hendrik W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission network. 2,029,698; Feb. 4.
- Bode, Hendrik W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,035,258; Mar. 24.
- Bode, Hendrik W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission networks. 2,058,210; Oct. 20.
- Bodee, George P., Chicago, Ill. Violin support member. 2,056,819; Oct. 6.
- Bodell, Henry R., New York, N. Y., assignor to Celanese Corporation of America. Velvet and pile fabric and making same. 2,059,309; Nov. 3.
- Boden, Ernest G., assignor to The Timken Roller Bearing Company, Canton, Ohio. Shaft bearing. 2,037,206; Apr. 14.
- Boden, Ernest G., assignor to The Timken Roller Bearing Company, Canton, Ohio. Automotive driving axle. 2,037,961; Apr. 21.
- Boden, George, assignor to Scovill Manufacturing Company, Waterbury, Conn. Dispensing device. 2,043,651; June 9.
- Boden, George, assignor to Scovill Manufacturing Company, Waterbury, Conn. Dispensing device. 2,056,560; Oct. 6.
- Boden, Samuel H., Turtle Creek, and S. T. Schofield, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Oil circuit breaker contact. 2,039,054; Apr. 28.
- Bodendieck, Henry W., assignor to Tips Tool Company, Inc., Taylorville, Ill. Grounding set. 2,031,921; Feb. 25.
- Bodenweiser, Aaron, assignor to Rotary Brush Company, Chicago, Ill. Advertising display device. 2,030,680; Feb. 11.
- Bodine Electric Company. (See Rall, Carl A., assignor.)
- Bodine, Walton M., Kansas City, Mo. Article display and conveying equipment. 2,030,741; Feb. 11.
- Bodinson, Anna E. (See Barrymore, Orson C., assignor.)
- Bodle, Virgil H., Newton, assignor to Hood Rubber Company, Inc., Watertown, Mass. Method and apparatus for forming rubber articles. 2,037,113; Apr. 14.
- Bodmer, Albert, Wattwil, Switzerland, assignor by mesne assignments, to Para Fabrics Corporations, New York, N. Y. Producing textiles. 2,040,784; May 12.
- Bodor, Andrew. (See Koch, L. B., and Bodor.)
- Bodor, Andrew, Newark, N. J., assignor to L. B. Koch, New York, N. Y. Paper cap for bottles. 2,034,739; Mar. 24.
- Bodor, Andrew, Newark, N. J., assignor to L. B. Koch, New York, N. Y. Nonrefillable bottle. 2,064,189; Dec. 15.
- Boe, Helmer J., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric cable and apparatus for manufacturing it. 2,060,162; Nov. 10.
- Boecker, Gustav, Essen, Germany, assignor to "Acidia," Thionville, France. Making hard sintered metals. 2,027,763; Jan. 14.
- Boecker, Gustav, Essen, Germany. Producing hard metal alloys. 2,056,708; Oct. 6.
- Boecker, Robert, Needville, Tex. Disk carrying frame for tractor pulled cultivators. 2,048,055; July 21.
- Boecking, Ewald, Brooklyn, assignor to International Projector Corporation, New York, N. Y. Film feeding mechanism for films having sound track. 2,031,756; Feb. 25.
- Boecking, Ewald, Brooklyn, assignor to International Projector Corporation, New York, N. Y. Slippage compensator for sound units. 2,037,452; Apr. 14.
- Boecking, Ewald, Brooklyn, assignor to International Projector Corporation, New York, N. Y. Film gate. 2,037,453; Apr. 14.
- Boecking, Ewald, Brooklyn, assignor to International Projector Corporation, New York, N. Y. Film framing device. 2,037,454; Apr. 14.



- Boecking, Ewald, Brooklyn, assignor to International Projector Corporation, New York, N. Y. Tensioning device for eliminating slack in films. 2,057,553; Oct. 13.
- Boedecker, Friedrich, Dahlem, near Berlin, and H. Volk, Tempelhof, near Berlin, Germany. Producing the M-alkyl-ethers of protocatechuic aldehyde. 2,062,205; Nov. 24.
- Boedeker, Karl. (See Kiesskalt, S., Funke, and Boedeker.)
- Boegehold, Alfred L., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Bearing metal alloy and bearing made therefrom. 2,033,321; Mar. 10.
- Boegehold, Alfred L., Detroit, A. W. Schluchter, Dearborn, and R. H. Terry, Detroit, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Making bronze bearings and blanks therefor. 2,044,897; June 23.
- Boeger, Henry F. (See Dreyer, Charles B., assignor.)
- Boeger, Henry F., and W. J. Van Rossem, assignors to Surgident, Ltd., Los Angeles, Calif. Saliva ejector. 2,035,585; Mar. 31.
- Boehler, Joseph. (See Brown, Stephen A., assignor.)
- Boehm, Edgar, Monette, Ark. Method and product of hybridizing plants. 2,048,056; July 21.
- Boehm, Rudolph P., Chicago, Ill. Window construction. 2,057,815; Oct. 20.
- Boehme, Gustav, Ludenscheid, Germany. Toy airplane. 2,055,620; Sept. 29.
- Boehme, H. Th., Aktiengesellschaft. (See Bertsch, H., and Rauchalles, assignors.)
- Boehringer, C. F., & Soehne, G. m. b. H. (See Ach, L., and von Hofe, assignors.)
- Boehringer, C. F., & Soehne G. m. b. H. (See Müller, R., Hatzig, and Rabald, assignors.)
- Boehringer, C. F., & Soehne G. m. b. H. (See Müller, Richard and F., and Messer, assignors.)
- Boehringer, C. F., & Soehne G. m. b. H. (See Müller, R., Schenck, and Wirbatz, assignors.)
- Boehringer, C. F., & Soehne, G. m. b. H. (See Stelkens, Willy, assignor.)
- Boeing Aircraft Company. (See Dormoy, Etienne, assignor.)
- Boeing Airplane Company. (See Morse, R. W., and Wood, assignors.)
- Boeing Aircraft Company. (See Wells, Edward C., assignor.)
- Boeing Airplane Company. (See Baker, Andrew D., assignor.)
- Boeing Airplane Company. (See Haberlin, John F., assignor.)
- Boeing Airplane Company. (See Minshell, R. J., and Cram, assignors.)
- Boerner, Edward A., Helotes, Tex. Laundry or dry cleaning machine. 2,055,679; Sept. 29.
- Boerner, Thomas J., West Collingswood, N. J., assignor to Radio Corporation of America. Aircraft radio altimeter. 2,050,418; Aug. 11.
- Boestad, Gustav K. W. (See Lysholm, A., and Boestad.)
- Boettcher, Arthur H. (See Hendriks, Arthur W., assignor.)
- Boettcher, Gustav A., Richmond Hill, N. Y. Thread restoring tool. 2,032,198; Feb. 25.
- Boettner, George W. (See Crabtree, Levi A., assignor.)
- Boeye, Paul F., assignor to Waldorf Paper Products Company, St. Paul, Minn. Container. 2,044,048; June 16.
- Bogart, Leonard H., Comanche, Okla. Tank gauge. 2,031,999; Feb. 25.
- Bogaty, Hermann S., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Conveyer structure. 2,027,266; Jan. 7.
- Bogdany, Estanislao, and E. P. Depouilly, Buenos Aires, Argentina. Condenser and separator for crankcase vapors. 2,057,001; Oct. 13.
- Bögemann, Max. (See Orthner, L., and Bögemann.)
- Bögemann, Max, Cologne-Mulheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Mercaptobenzothiazyl-aryldisulphides. 2,026,863; Jan. 7.
- Boger, Charles W., Mount Vernon, Ill. Vacuum insulated, mercury controlled, dry ice container. 2,032,649; Mar. 3.
- Boggild & Jacobsen. (See Jensen, Jens J., assignor.)
- Boggs, Charles L. (See Lang, C. E., and Boggs.)
- Boggs, Samuel W., Chevy Chase, Md. Horological instrument and related devices. 2,056,089; Sept. 29.
- Bogin, Charles, Terre Haute, Ind., and V. Kelly, Chicago, Ill., assignors to Commercial Solvents Corporation, Terre Haute, Ind. Bronzing liquid. 2,059,310; Nov. 3.
- Bogle, John C., Grosse Pointe Village, assignor to Udyllite Company, Detroit, Mich. Plating machine. 2,035,633; Mar. 31.
- Bohall, Nelson E., San Francisco, and T. S. Bailey, Berkeley Park, assignors to Earl B. Smith, San Francisco, Calif. Electric soldering iron. 2,056,951; Oct. 13.
- Bohannon, Richard O. (See Hayenga, J. A., and Brooks, assignors.)
- Bohannon, William A., and C. B. Gilbert, Hewlett, N. Y. Tray rack. 2,061,891; Nov. 24.
- Bohémier, Anatole. (See Decary, C. A., and Bohémier.)
- Böhm, Egon, Vienna, Austria, assignor to K. F. Wilhelm, Stralsund, Germany. Apparatus for lixiviating raw material in stages. 2,047,852; July 14.
- Böhm, Hermann. (See Pätzold, J., and Böhm.)
- Böhm, Otto, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna. 2,029,015; Jan. 28.
- Böhm, Otto, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmitting antenna for obtaining reduced high angle radiation. 2,048,726; July 28.
- Bohm, Otto, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Vacuum tube circuits. 2,057,998; Oct. 20.
- Böhm, Otto, and M. Osnos, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation system. 2,037,756; Apr. 21.
- Bohmann, Arthur A., Dresden-Leubnitz, and K. G. Scheibel, Dresden-Strehlen, assignors to Würker G. m. b. H., Dresden, Germany. Automatic mechanism for frame embroidery machines. 2,050,780; Aug. 11.
- Böhme, H. Th., Aktiengesellschaft. (See Bertsch, Heinrich, assignor.)
- Bohme, H. Th., Aktiengesellschaft. (See Butz, K., Deuschle, and Simon, assignors.)
- Bohme, H. Th. Aktiengesellschaft. (See Kling, Walter, assignor.)
- Bohme, H. Th., Aktiengesellschaft. (See Prückner, Hermann, assignor.)
- Böhmer, Henry, Jr., Woodbury Heights, and S. S. Lippincott, Palmyra, assignors to "Flexitallic" Gasket Co., Camden, N. J. Gasket centering means. 2,027,299; Jan. 7.
- Bohn Aluminum and Brass Corporation. (See Fiegel, W. J., and Enderich, assignors.)
- Bohn Aluminum & Brass Corporation. (See McCullough, William E., assignor.)
- Bohn Aluminum & Brass Corporation. (See Nelson, Adolph L., assignor.)
- Bohn Aluminum and Brass Corporation. (See Roshirt, R. J., Bateman, and Irvine, assignors.)
- Bohn Aluminum & Brass Corporation. (See Schwerak, Joseph J., assignor.)
- Bohn Company, The. (See Bohn, Gebhard C., assignor.)
- Bohn, Donald I., assignor to Aluminum Company of America, Pittsburgh, Pa. Motor control system for coiling mechanisms. 2,043,208; June 2.
- Bohn, Gebhard C., assignor to The Bohn Company, St. Paul, Minn. Refrigerator door. 2,038,634; Apr. 28.
- Bohn, Samuel, Passaic, N. J., and H. D. King, Cuyahoga Falls, Ohio, assignors to American Hard Rubber Company, New York, N. Y. Refrigerator display case. 2,047,937; July 21.
- Bohnenblust, Arnold, Riley, Kans. Pump. 2,048,098; July 21.
- Bohenblust, Walter H., assignor to American Mop Company, Kansas City, Mo. Mop. 2,056,934; Oct. 13.
- Bohnsack, John A. (See Balch, T. V., and Bohnsack.)
- Boice, John E., Toledo, Ohio. Woodworking machine. 2,049,044; July 28.
- Boice, John E., Toledo, Ohio. Woodworking machine. 2,049,045; July 28.
- Boinot, Firmin, assignor to Usines De Melle, Melle Deux-Sevres, France. Alcoholic fermentation of sugar-containing liquids. 2,054,736; Sept. 15.
- Boinot, Firmin, Melle, Deux-Sevres, France. Alcoholic fermentation of sugar-containing liquids. 2,063,223; Dec. 8.
- Bokovoy, Samuel A., Audobon, N. J., assignor to Radio Corporation of America. Quartz piezo-electric element. 2,064,288; Dec. 15.
- Bol, Cornelis. (See Dorgelo, E. G., and Bol.)
- Bol, Cornelis, Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge lamp device. 2,042,138; May 26.
- Bol, Cornelis, W. de Groot and M. J. Druyvesteyn, Eindhoven, Netherlands, assignors to General Electric Company. Electron discharge apparatus. 2,035,784; Mar. 31.
- Bol, Cornelis, and H. A. W. Klinkhamer, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,042,139; May 26.
- Bolam, Robert F., Tampa, Fla. Rail joint. 2,042,089; May 26.
- Boland, Edward J., Cleveland, Ohio. Draughtboard or checkerboard. 2,045,339; June 23.
- Bold, Herbert, Kansas City, Mo. Vehicle brake. 2,055,330; Sept. 22.
- Bold, John W. (See Ryan, W. M., and Bold.)
- Boldingh, Willem H. (See Bouwers, A., and Boldingh.)
- Boldingh, Willem H. (See Kuntke, A., and Boldingh.)
- Boldingh, Willem H., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Device for making stereoscopic X-ray photographs. 2,046,543; July 7.
- Boldt, Werner F., St. Louis, Mo., assignor to The White Motor Company, Cleveland, Ohio. Radiator. 2,043,368; June 9.
- Bolen, Wiley P., Savannah, assignor to Dusseldorf Chemical Company, Savannah, Ga. Dye mixture. 2,057,668; Oct. 20.
- Bolender, Augustus B., Muncie, Ind., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Hardness tester. 2,039,579; May 5.
- Boles, Idella, Haileyville, Okla. Rug and producing it. 2,052,076; Aug. 25.



- Bolesky, John D., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Hinge structure. 2,032,109; Feb. 25.
- Bolidens Gruvaktiebolag. (See Stålhane, Johan B., assignor.)
- Bolin, Charles D., assignor to American Thermometer Company, St. Louis, Mo. Thermostatic valve control. 2,045,289; June 23.
- Bolin, Dayton C. (See Pfau, G. M., Bolin, and Zublin.)
- Boling, Hans K., Lentner, Mo. Attachment for rural mail boxes. 2,041,588; May 19.
- Bolis, Peter, West Orange, N. J. Combination lock. 2,040,120; May 12.
- Boll, Stephen H., and J. E. Lewis, Chicago, Ill. Facial measuring apparatus. 2,043,230; June 9.
- Boller, Henry A., Detroit, Mich., assignor to Carter Carburetor Corporation, St. Louis, Mo. Idle port. 2,036,192; Apr. 7.
- Boller, Peter, Machine Works. (See Boller, William N., assignor.)
- Boller, William N., Oak Park, assignor to Peter Boller Machine Works, Chicago, Ill. Mechanism for brakes and clutches. 2,029,287; Feb. 4.
- Bolling, C. W. et al. (See Sampson, Irving F., assignor.)
- Bolling, Douglass T., Owensboro, Ky. Rod coupling. 2,060,548; Nov. 10.
- Bollinger, Paul, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Support for vehicle motors. 2,063,978; Dec. 15.
- Bollman, Edwin B., and E. Kaps, Chicago, Ill. Power transmission apparatus for displays. 2,036,912; Apr. 7.
- Bollman, Roland R., Mt. Washington, assignor to The Perfect Manufacturing Company, Cincinnati, Ohio. Plastic rubber composition. 2,041,223; May 19.
- Bollweg, Bernhard. (See Bauer, W., Bollweg, and Zeh.)
- Bollweg, Bernhard. (See Bauer, W., Zeh, and Bollweg.)
- Bollweg, Bernhard. (See Lecher, H., Bauer, Zeh, and Bollweg.)
- Bolser, Clark M., assignor to The Bolser Corporation, Des Moines, Iowa. Oil filter. 2,057,932; Oct. 20.
- Bolser Corporation, The. (See Bolser, Clark M., assignor.)
- Bolsinger, Raymon C., Collingswood, N. J., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Water circulating means. 2,065,789; Dec. 29.
- Bolt, James P., High Point, N. C. Package or carton opener. 2,065,422; Dec. 22.
- Bölter, Wilhelm, Heepen, near Bielefeld, Germany. Cloth feeder. 2,052,599; Sept. 1.
- Bölter, Wilhelm, assignor to Anker-Werke, A. G. Bielefeld, Germany. Zigzag stitching machine. 2,045,340; June 23.
- Bolton, Arthur, Coventry, England. Friction clutch. 2,057,761; Oct. 20.
- Bolton, Elmer K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,048,774; July 28.
- Bolton, Elmer K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of cotton linters. 2,048,775; July 28.
- Bolton, John W., & Sons, Inc. (See Stuck, Harold D., assignor.)
- Bolton, John W., & Sons, Inc. (See Stuck, H. D., and De Nault, assignors.)
- Bolton, John W., Hamilton, and S. A. Weigand, Cincinnati, assignors to The Lunkenheimer Company, Cincinnati, Ohio. Alloy. 2,061,648; Nov. 24.
- Bolton, Marie M. (See Jacobs, Reed E., assignor.)
- Bolton, Thomas, & Sons Limited. (See Anstey, H. C., and Alkins, assignors.)
- Bolton, Vernon L. (See Ort, William, assignor.)
- Bolton, William R., Chicago, Ill., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole fitting. 2,046,445; July 7.
- Bolton, William R., Chicago, Ill., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole fitting machine. 2,046,604; July 7.
- Bolton, William T., Chicago, Ill. Selective tuner for radio receivers. 2,066,246; Dec. 29.
- Boltz, Fred S., Mansfield, and G. W. Estey, Taunton, Mass. Arch corrector for the feet. 2,041,693; May 26.
- Boman, Archibald E. (See Berghoff, J. J., Boman, and Williams.)
- Bomber, William J., Green Bay, Wis. Lingerie clasp. 2,031,685; Feb. 23.
- Bomberger, George E., assignor to Fruit and Produce Packing, Inc., Indianapolis, Ind. Basket and cover construction. 2,057,002; Oct. 13.
- Bomboy, Harold. (See Meunier, C. J., and Bomboy.)
- Bombrun, Mathieu J. A., Paris, France. Rolling device for films. 2,039,949; May 5.
- Bommer, Max. (See Felix, F., Bommer, and Huber.)
- Bommer, Max. (See Hauser, H., and Bommer.)
- Bomster, Cyril I. (See Rivard, L. I., and Bomster.)
- Bonam, Roy W. (See Bonem, F. X., and Bonam.)
- Bonanno, John, New York, N. Y. Creating, making, and duplicating earment designs. 2,033,176; Mar. 10.
- Bonanno, Joseph L., Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Toy vehicle. 2,039,055; Apr. 28.
- Bonanno, Joseph L., Forest Hills, N. Y., assignor to Radio Corporation of America. Constant band width receiver. 2,040,426; May 12.
- Bonanno, Joseph L., Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Toy vehicle. 2,052,863; Sept. 1.
- Bonat, Harry, et al. (See Katcher, Morris, assignor.)
- Bonat, Samuel, and Brother. (See Katcher, Morris, assignor.)
- Bonat, Samuel, et al. (See Katcher, Morris, assignor.)
- Bonath, Klaus. (See Beck, W., and Bonath.)
- Bonazzola, Francesco. (See Cantini, Valentino, assignor.)
- Bond, Charles. (See Bowen, James, assignor.)
- Bond Electric Corporation. (See Baer, J. W., and Reinhardt, assignors.)
- Bond Electric Corporation. (See Barber, G. H., and Pratt, assignors.)
- Bond Electric Corporation. (See Darling, Roy L., assignor.)
- Bond Electric Corporation. (See Darling, R. L., and Rundell, assignors.)
- Bond Electric Corporation. (See Ponath, William, assignor.)
- Bond Electric Corporation. (See Reinhardt, Otto K., assignor.)
- Bond Electric Corporation. (See Reinhardt, Otto K., and Baer, assignors.)
- Bond, Harlan A. (See Levine, A. A., and Bond.)
- Bond, Harlan A., and N. D. Scott, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dehydration of formamide to produce hydrocyanic acid. 2,042,451; June 2.
- Bond, James D., and A. V. Marbray, assignors of one-third to G. Gubelman, Robinson, Ill. Bridge handrail. 2,059,311; Nov. 3.
- Bond, Joseph E., Middletown, Ohio. Paper making machinery. 2,055,142; Sept. 22.
- Bond, Joseph E., Middletown, Ohio. Paper making machinery. 2,055,143; Sept. 22.
- Bond, Lawrence K., Miletus, W. Va. Brake. 2,055,835; Sept. 29.
- Bond Manufacturing Corporation. (See Scott, Henry P., Jr., assignor.)
- Bond, Marion E. (See Cotter, W. F., and Bond.)
- Bond, Marion E., assignor to United American Bosch Corporation, Springfield, Mass. Noise suppressor for radio. 2,034,970; Mar. 24.
- Bond, Samuel C., Holly Oak, Del. Wadding cartridges. 2,057,362; Oct. 13.
- Bonds, Eugene R., Atlanta, Ga., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current interrupter equipment. 2,957,472; Oct. 13.
- Bondurant, Carlton W., assignor to The Bishop & Babcock Manufacturing Company, Cleveland, Ohio. Controlling refrigerator temperature. 2,028,893; Jan. 28.
- Bondurant, Carlton W., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Bottle filling method and apparatus. 2,060,276; Nov. 10.
- Bone, Evan P., assignor to The Magnilite Sign Corporation, Cincinnati, Ohio. Display sign. 2,038,409; Apr. 21.
- Bone, Herbert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch-operating apparatus. 2,027,512; Jan. 14.
- Bone, Herbert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,034,557; Mar. 17.
- Bone, Herbert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,044,762; June 23.
- Bone, Herbert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,046,893; July 7.
- Bone, Herbert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,051,128; Aug. 18.
- Bone, Herbert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Smashboard signal. 2,053,893; Sept. 8.
- Bone, Herbert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,061,752; Nov. 24.
- Bone, Herbert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,061,753; Nov. 24.
- Bonem, Frank X., and R. W. Bonam, Detroit, Mich. Gas mixer. 2,060,972; Nov. 17.
- Bonfilis, Fred W., et al. (See Eader, William H., assignor.)
- Bongiovanni, Antonio, assignor of one-half to S. Sgro, Philadelphia, Pa. Headrest hanger. 2,033,811; Mar. 10.
- Bongiovanni, Antonio, and S. Sgro, assignor to Frank B. Gummy, Philadelphia, Pa. Eyeglass hanger. 2,049,684; Aug. 4.
- Bonham, Walter R., Palo Alto, Calif. Drive mechanism. 2,052,961; Sept. 1.
- Bonhomme, Jacques R., Montreal, Quebec, Canada. Container and closure therefor. 2,039,385; May 5.
- Bonhôte, Gérald, Basel, assignor to firm Society of Chemical Industry in Basle, Basel, Switzerland. Blue azo-dyestuff. 2,027,764; Jan. 14.
- Bonhôte, Gérald, Basel, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuff. 2,027,897; Jan. 14.
- Bonhôte, Gérald, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Stable solid diazo-salts and making same. 2,032,110; Feb. 25.



- Bonhôte, Gérald, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs. 2,060,163; Nov. 10.
- Bonhôte, Gérald, Basel, and C. Apotheker, Riehen, near Basel, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Blue dyeing azodyestuffs. 2,032,111; Feb. 25.
- Bonhôte, Gérald, Basel, and C. Apotheker, Riehen, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs and making the same. 2,041,455; May 19.
- Bonhôte, Gérald, and J. Danuser, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs and making same. 2,047,574; July 14.
- Bonhôte, Gérald, and J. Danuser, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Water-insoluble azo-dyestuffs. 2,055,169; Sept. 22.
- Bonhôte, Gérald, Basel, and C. Apotheker, Riehen, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs. 2,065,639; Dec. 29.
- Boniec, Joseph W. (See Munch, G. A., and Boniec.)
- Boniface, Arthur, Scarsdale, N. Y. Treating garbage. 2,049,889; Aug. 4.
- Bonkowski, Teofil L., New York, N. Y. Ink eradicating device. 2,029,152; Jan. 28.
- Bonn, Robert M., Maplewood, N. J., assignor to The Arco Manifold Co. Inc. Manifold book. 2,042,823; June 2.
- Bonna Pipe Company of America, Inc., The. (See Ogee, Maurice M., assignor.)
- Bonnaud, Hugh M. (See Willcox, John T. A., and Pooley and Bonnaud.)
- Bonneau, Paul E., Paris, assignor to Gaston Chausson, Asnieres (Seine), France. Polychromatic photograph and cinematograph method. 2,064,145; Dec. 15.
- Bonner, Daniel B., Philadelphia, Pa. Thread printing apparatus selector mechanism. 2,032,043; Feb. 25.
- Bonney-Floyd Company, The. (See Edmunds, Glenn E., assignor.)
- Bonney-Floyd Company, The. (See Edmunds, G. E., and Cawthon, assignors.)
- Bonney-Floyd Company, The. (See Edmunds, G. E., and Purkhiser, assignors.)
- Bonney-Floyd Company, The. (See Gregg, A. W., and Frank, assignors.)
- Bonney, Robert D., Glen Ridge, and W. S. Egge, West Orange, N. J., assignors to Congoleum-Nairn Inc. Drying oil composition. 2,040,461; May 12.
- Bonney, Robert D., Glen Ridge, and W. S. Egge, West Orange, N. J., assignors to Congoleum-Nairn Inc. Linoleum and method of manufacturing. 2,050,646; Aug. 11.
- Bonney, William H., Oregon City, Oreg. Liquid dispensing device. 2,026,818; Jan. 7.
- Bonnixsen, Cyril W., Leamington Spa, England. Production of films. 2,030,566; Feb. 11.
- Bonomi, Felix A., St. Albans, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,031,922; Feb. 25.
- Bonomi, Felix A., St. Albans, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,040,291; May 12.
- Bonotto, Michele, Torino, Italy, assignor, by mesne assignments, to American Soya Products Corporation, Evansville, Ind. Bread-leavening composition. 2,035,586; Mar. 31.
- Bonrath, Wilhelm, Leverkusen-I. G. Werk., and E. Urb-schat, Cologne-Mulheim, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Seed grain disinfectant. 2,054,062; Sept. 15.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 2,034,081; Mar. 17.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof construction. 2,034,374; Mar. 17.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 2,034,375; Mar. 17.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Carline construction. 2,034,376; Mar. 17.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 2,034,377; Mar. 17.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 2,034,378; Mar. 17.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 2,034,379; Mar. 17.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 2,034,380; Mar. 17.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 2,034,381; Mar. 17.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 2,034,382; Mar. 17.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 2,034,383; Mar. 17.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 2,034,384; Mar. 17.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 2,034,385; Mar. 17.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Hatch construction. 2,037,114; Apr. 14.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Carline assembly. 2,037,115; Apr. 14.
- Bonsall, Charles D., Pittsburgh, Pa. Floor protection for railway cars. 2,060,164; Nov. 10.
- Bonsall, Charles D., Pittsburgh, Pa., assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 2,065,043; Dec. 22.
- Bonser, Ernest F., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Clutch operating mechanism for presses. 2,033,224; Mar. 10.
- Bonthron, Karl. (See Tigerschild, K. M., and Bonthron.)
- Bonthron, Thomas. (See Nelson, Anton R., assignor.)
- Bonzagni, Leo A., Brookline, and A. Govoni, Somerville, Mass. Combination broiler and toaster. 2,030,047; Feb. 11.
- Boock, Alfred C., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Internal combustion engine. 2,058,055; Oct. 20.
- Booe, James M., assignor, by mesne assignments, to P. R. Mallory & Co., Inc., Indianapolis, Ind. Etching. 2,052,962; Sept. 1.
- Booge, James E., Newark, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Blended pigment. 2,046,054; June 30.
- Book, Andrew J., Buena Vista, Ohio. Securement of heels to shoes. 2,037,613; Apr. 14.
- Book, Andrew J., Buena Vista, Ohio. Attaching heels to shoes. 2,054,593; Sept. 15.
- Book, Andrew J., Buena Vista, Ohio, and J. P. Johnson, Maysville, Ky. Heel securement. 2,050,644; Aug. 11.
- Boone, Wallace, and L. M. Crosley, assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Coating of metallic refrigerator parts. 2,057,762; Oct. 20.
- Boonton Molding Company. (See Post, Ronald W., assignor.)
- Boorum & Pease Company. (See Rickert, John J., assignor.)
- Boosey, Edward W. N., Detroit, Mich. Grease interceptor. 2,059,844; Nov. 3.
- Booth, Adam D. (See Miller, Charles F. and F. C., and Booth.)
- Booth, Charles F., Anniston, Ala., assignor to Swann Research, Incorporated. Preparation of phosphates of manganese. 2,031,579; Feb. 18.
- Booth, Clarence Y., Wilmington, Del. Coal bag. 2,047,095; July 7.
- Booth, Clement. (See Binns, G. W., and Booth.)
- Booth, Clement. (See Einstein, S., Booth and Haas.)
- Booth, Clement, Cincinnati, and J. E. Caster, Willoughby, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Internal grinding fixture. 2,063,659; Dec. 8.
- Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Control for a radio set. 2,046,605; July 7.
- Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Automobile radio set. 2,053,941; Sept. 8.
- Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Radio set construction. 2,056,917; Oct. 6.
- Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Radio set control. 2,063,866; Dec. 8.
- Booth, Frederic C. (See Lonas, F. E., and Booth.)
- Booth, George M. (See Tryon, R. W., and Booth.)
- Booth, George W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Process and apparatus for the manufacture of disk blanks. 2,058,404; Oct. 27.
- Booth, Gilbert A., North Adams, Mass. Defrosting brick. 2,035,219; Mar. 24.
- Booth, Harold S., Cleveland Heights, Ohio. Producing finely divided material. 2,047,354; July 14.
- Booth, Harold S., Cleveland Heights, Ohio. Production of pigments. 2,048,593; July 21.
- Booth, Harold S., Cleveland Heights, Ohio. Thermal decomposition of fluoro compounds. 2,053,174; Sept. 1.
- Booth, Harold S., Cleveland Heights, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dielectric material. 2,063,979; Dec. 15.
- Booth, Harry T., Detroit, Mich., assignor to Lubrication Control Corporation, Chicago, Ill. Viscosity-responsive device. 2,028,186; Jan. 21.
- Booth, Harry T., Detroit, Mich., assignor to Lubrication Control Corporation, Chicago, Ill. Viscosity-responsive device. 2,028,187; Jan. 21.
- Booth, Harry T., Detroit, Mich., assignor to Lubrication Control Corporation, Chicago, Ill. Viscosimeter. 2,028,188; Jan. 21.



- Booth, Harry T., Detroit, Mich., assignor to Lubrication Control Corporation, Chicago, Ill. Combined pressure and viscosity indicator. 2,033,110; Mar. 10.
- Booth, Harry T., Detroit, Mich., assignor to Lubrication Control Corporation, Chicago, Ill. Viscosimeter. 2,050,242; Aug. 11.
- Booth, Harry T., Detroit, Mich., assignor to Lubrication Control Corporation, Chicago, Ill. Viscosimeter. 2,056,952; Oct. 13.
- Booth, Harry T., Freeport, assignor, by mesne assignments, to Lubrication Control Corporation, Chicago, Ill. Lubricating system for automobile engines. 2,051,026; Aug. 18.
- Booth, Harry T., Freeport, N. Y., assignor, by mesne assignments, to Lubrication Control Corporation, Chicago, Ill. Viscosity regulator. 2,054,238; Sept. 15.
- Booth, Henry, Yonkers, N. Y. Visible inventory and sales recording device. 2,037,192; Apr. 14.
- Booth, Jennie I., and J. H. Booth, Four Oaks, Sutton Coldfield, assignors of one-third to said J. H. Booth, one-third to A. S. Cheston, and one-third to H. L. Sleight, Birmingham, England. Automatic brake gear for mechanically propelled vehicles. 2,049,798; Aug. 4.
- Booth, Levis M., Plainfield, N. J. Manufacturing paper and paper board. 2,050,262; Aug. 11.
- Booth, Lionel E., assignor to The Galigher Company, Salt Lake City, Utah. Aerating machine. 2,055,065; Sept. 22.
- Booth, Prisca C. (See Booth, Raymond C., assignor.)
- Booth, Ralph D. (See Moreland, E. L., Booth, and Danforth.)
- Booth, Raymond, New York, N. Y. Dispensing can. 2,051,815; Aug. 25.
- Booth, Raymond C., assignor, by mesne assignments, to F. C. Booth, Rochester, N. Y. Shuttle cock. 2,059,930; Nov. 3.
- Boothby, Albion M., Newton, and M. E. Gazette, Boston, assignors to Boothby Fibre Can Company, Boston, Mass. Collapsible paper can. 2,037,675; Apr. 14.
- Boothby Fibre Can Company. (See Boothby, A. M., and Gazette, assignors.)
- Boothby Fibre Can Company. (See Gazette, Marshall E., assignor.)
- Booton, John G. (See Mitchell, F., and Booton.)
- Boots Pure Drug Company Limited. (See Pyman, F. L., and Easson, assignors.)
- Boots Pure Drug Company Limited. (See Pyman, F. L., and Levene, assignors.)
- Boott Mills. (See Holgate, Benjamin, assignor.)
- Boott Mills. (See LeFevre, Simeon J., assignor.)
- Bopp, Anton, Heilbronn-on-the-Neckar, Germany. Preventing corrosion, particularly of metals from the iron-group, and to a corrosion preventative. 2,059,770; Nov. 3.
- Borba, Alfred F., San Leandro, Calif. Sanitary tooth brush holder. 2,046,606; July 7.
- Borbely, Albert, Cleveland, Ohio. Article of food—sandwich. 2,060,490; Nov. 10.
- Borberg, Adolf, Short Hills, N. J. Piling section. 2,063,293; Dec. 8.
- Borchers, William G., assignor to Autographic Register Company, Hoboken, N. J. Manifolding machine. 2,039,700; May 5.
- Borchert, Leslie C. (See Baker, E. M., and Borchert.)
- Borchmann, Franz, et al. (See Arfsten, Newton, assignor.)
- Bordeaux, Claude G. (See White, F. S., and Bordeaux.)
- Borden, Arthur G., Washington, D. C., assignor, by mesne assignments, to The Borden Industries, Inc. Electrical heating apparatus. 2,054,594; Sept. 15.
- Borden, Charles R. C., Brookline, Mass. Washing and lathering sponge device. 2,030,911; Feb. 18.
- Borden Company, The. (See Bresett, George A., assignor.)
- Borden Company, The. (See Mapes, Leslie A., assignor.)
- Borden Company, The. (See McClatchie, John M., assignor.)
- Borden Company, The. (See Page, W. and Taylor, assignors.)
- Borden Company, The. (See Powers, Raymond, assignor.)
- Borden, Edmund G., Little Neck, N. Y., assignor to Gasoline Antioxidant Company, Wilmington, Del. Motor fuel. 2,047,355; July 14.
- Borden, George C., Jr., Riegelsville, Pa., assignor to Riegel Paper Corporation, Riegelsville, N. J. Apparatus for treating sheet material. 2,056,939; Oct. 13.
- Borden Industries, Inc., The. (See Borden, Arthur G., assignor.)
- Borden, Moro M., Collingswood, N. J., assignor to Simplex Valve & Meter Company, Philadelphia, Pa. Recording mechanism. 2,033,177; Mar. 10.
- Borders, Bee, Springfield, Vt. Bowling alley and repairing same. 2,039,530; May 5.
- Borel, Charles, Geneva, Switzerland. Installation for compiling and collaborating statistical data. 2,031,686; Feb. 25.
- Borell, Raleigh A., Berkeley, Calif. Lamp. 2,056,502; Oct. 6.
- Boren, Clarence E. (See McCarty, Madison P., assignor.)
- Borg, George W., Corporation. (See Hobbs, John W., assignor.)
- Borg-Warner Corporation. (See Anderson, Arthur W., assignor.)
- Borg-Warner Corporation. (See Battles, Stewart S., assignor.)
- Borg-Warner Corporation. (See Bolender, Augustus B., assignor.)
- Borg-Warner Corporation. (See Buchanan, John C., assignor.)
- Borg-Warner Corporation. (See Darbyshire, Leonard H., assignor.)
- Borg-Warner Corporation. (See Herz, Ferdinand B., assignor.)
- Borg-Warner Corporation. (See Hobbs, John W., assignor.)
- Borg-Warner Corporation. (See Ingersoll, Stephen L., assignor.)
- Borg-Warner Corporation. (See Leonard, Stephen, assignor.)
- Borg-Warner Corporation, et al. (See Meuer, G. J., and Millermaster, assignors.)
- Borg-Warner Corporation. (See Murray, Howard J., assignor.)
- Borg-Warner Corporation. (See Nutt, Harold, assignor.)
- Borg-Warner Corporation. (See Nutt, H., and Reed, assignors.)
- Borg-Warner Corporation. (See Rauen, C. F., assignor, and Keller.)
- Borg-Warner Corporation. (See Rauen, C. F., and Kilpela, assignors.)
- Borg-Warner Corporation. (See Rauen, C. F. and J. T., assignors.)
- Borg-Warner Corporation. (See Reed, Harold V., assignor.)
- Borg-Warner Corporation. (See Rehnberg, Axel F., assignor.)
- Borg-Warner Corporation. (See Ruesenberg, Carl A., assignor.)
- Borg-Warner Corporation. (See Sherman, Alvin G., assignor.)
- Borg-Warner Corporation. (See Simpson, John M., assignor.)
- Borg-Warner Corporation. (See Swennes, Benjamin A., assignor.)
- Borg-Warner Corporation. (See Swenson, Carl E., assignor.)
- Borg-Warner Corporation. (See Swenson, C. E., and Anderson, assignors.)
- Borgadt, John B., Cleveland, Ohio. Electric tube welding machine. 2,048,682; July 28.
- Borger, Henry E., Dayton, Ohio, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Printing scale. 2,036,014; Mar. 31.
- Borgeson, Carl A., East Orange, N. J., assignor to American Telephone and Telegraph Company. Carrier telegraph receiver. 2,065,640; Dec. 29.
- Borghetty, Hector C., assignor to The Aspinook Company, Jewett City, Conn. Stabilized nonslipable fabric and its manufacture. 2,050,156; Aug. 4.
- Borglin, Joseph N., Hattiesburg, Miss., assignor to Hercules Powder Company, Wilmington, Del. Retarding the crystallization of rosin. 2,042,877; June 2.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Halogenating compounds containing an abetyl group and product thereof. 2,050,979; Aug. 11.
- Borglin, Joseph N., Wilmington, and L. N. Bent, Holly Oak, assignors to Hercules Powder Company, Wilmington, Del. Treating rosin and rosin product. 2,050,263; Aug. 11.
- Borglin, Joseph N., Wilmington, and E. Ott, Elsmere, assignors to Hercules Powder Company, Wilmington, Del. Sulphur-containing abetyl compounds and method of producing. 2,052,210; Aug. 25.
- Borgmann, Charles, Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Dust cover. 2,059,545; Nov. 3.
- Boring, Robert L., Lexington, Ky. Flashlight attachment for gasoline hose nozzles. 2,042,385; May 26.
- Boriski, Martin J., Houston, Tex. Pressing machine. 2,031,687; Feb. 25.
- Bork, George H., Holyoke, assignor to Harvey-Whipple Co., Inc., Springfield, Mass. Oil burner. 2,056,561; Oct. 6.
- Bork, George H., Holyoke, assignor to Harvey-Whipple, Inc., Springfield, Mass. Heater. 2,065,994; Dec. 29.
- Borland, Albert, and M. Borland, Davidsburg, Mich. Safety device for automobiles. 2,053,692; Sept. 8.
- Borland, Myrtle. (See Borland, Albert and M.)
- Borleske, Stanley E., Fresno, Calif. Linesman's indicator for football games. 2,060,165; Nov. 10.
- Born, Russell. (See Rosenbloom, I., and Born.)
- Bornhauser, Oscar, Strasbourg, France, assignor to Société d'Electrochimie, d'Electrometallurgie et des Acieries Electriques d'Ugine, Paris, France. Electroplating of aluminium. 2,028,312; Jan. 21.
- Bornhauser, Otto E., assignor to The Her-Born Engineering and Manufacturing Company, Sandusky, Ohio. Stoker. 2,061,450; Nov. 17.
- Bornmann, Carl, assignor to Agfa Anseo Corporation, Binghamton, N. Y. Projector. 2,033,225; Mar. 10.
- Bornstein, Max A. (See Williams, S., and Bornstein.)
- Borntraeger, Arthur G., Akron, Ohio. Stretching frame. 2,037,757; Apr. 21.
- Borntraeger, Arthur G., Akron, Ohio, assignor to N. Allstatter and to said Borntraeger. Apparatus for stretching sheet material. 2,050,419; Aug. 11.
- Borough, W. L., et al. (See Lorraine, David G., assignor.)
- Borowetz, Otto E., Plainfield, N. J. Multistamp automatic inking stencil device. 2,052,864; Sept. 1.



- Borowski, Peter, assignor of one-half to J. Bargielewicz and M. Kulbaka, Detroit, Mich. Gripping device. 2,058,949; Oct. 27.
- Borowsky, Aaron, et al. (See Brody, Solomon, assignor.)
- Borra, Joseph, et al. (See Queen, Bert E. assignor.)
- Borroughs, Joseph N., Oakland, Calif. Towel cabinet. 2,045,828; June 30.
- Borroughs, Joseph N., Oakland, Calif. Towel cabinet. 2,048,099; July 21.
- Borsakovsky, Voldemar, Montrouge, assignor to E. Vincent, Paris, France. Chopping machine. 2,034,604; Mar. 17.
- Borsari Tank Corporation of America. (See Schorer, Herman, assignor.)
- Borsheim, Hans T. (See Hanson, Louis O., assignor.)
- Borst, Andrew J., Jr., Buffalo, N. Y. Rubber products and producing the same. 2,039,386; May 5.
- Borst, Walter J., assignor to Deere & Company, Moline, Ill. Sickle grinder. 2,051,071; Aug. 18.
- Borst, William B., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of resins. 2,066,090; Dec. 29.
- Borst, William B., and C. G. Gerhold, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of resins. 2,035,860; Mar. 31.
- Borton, Alwyn E., South Orange, assignor, by mesne assignments, to Associated Patentees, Inc., Ampere, N. J. Stock former. 2,060,794; Nov. 17.
- Boruff, Clair S. (See Buswell, A. M., and Boruff.)
- Borvick Syndicate Ltd. (See Borzykowski, Benno, assignor.)
- Borzykowski, Benno, Paris, France. Apparatus for the transportation and working off of spun cakes produced by the centrifuge spinning process. 2,041,989; May 26.
- Borzykowski, Benno, Paris, France. Direct manufacture and employment of artificial fibers. 2,053,175; Sept. 1.
- Borzykowski, Benno, Paris, France. Production of artificial silk. 2,057,823; Oct. 13.
- Borzykowski, Benno, Paris, France, assignor to Borvick Syndicate Ltd., London, England. Production of artificial silk and the like. 2,057,324; Oct. 13.
- Bos, John. (See Leuvelink, George J., assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Allendorff, Friedrich, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Bayerdörfer, Otto, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Callsen, Albert, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Callsen, A., and Schmid, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Hurst, Max, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Klaiber, Erich, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Klingler, Emil, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Kurz, Richard, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Lieb, Gustav, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Meyer, A., and Holzbaur, assignors.)
- Bosch, Robert, Aktiengesellschaft. (See Möhrle, Arthur, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Stoll, Hermann, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Stribeck, Richard, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Zeininger, Gustav, assignor.)
- Bosco, George B., Chicago, Ill. Clamp. 2,061,751; Nov. 24.
- Bosence, Archie L., and G. B. Ingraham, West St. John, New Brunswick, Canada. Taper gauge. 2,038,472; Apr. 21.
- Boser, Frank A., Jersey City, N. J. Colostomy outfit. 2,064,586; Dec. 15.
- Boshkoff, George J., Buffalo, assignor to The Linde Air Products Company, New York, N. Y. Method and apparatus for dispensing gas material. 2,028,119; Jan. 14.
- Boshkoff, George J., Buffalo, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Apparatus for producing oxygen of high purity. 2,046,284; June 30.
- Bosley, Lewis W., East Cleveland, assignor to The Cleveland Hardware & Forging Company, Cleveland, Ohio. Protector for internal threads. 2,055,646; Sept. 29.
- Bösmann, Wilhelm, Berlin, Germany. Apparatus for carbonating and dispensing liquid. 2,064,879; Dec. 22.
- Bosqui, Francis L., assignor to Rhokana Corporation, Limited, N'Kana, Northern Rhodesia. Production of cobalt. 2,045,212; June 23.
- Bosqui, Francis L., assignor to Rhokana Corporation Limited, N'Kana, Northern Rhodesia. Production of ferrocobalt. 2,051,433; Aug. 18.
- Bosqui, Francis L., assignor to Rhokana Corporation Limited, N'Kana, Northern Rhodesia. Manufacture of ferrocobalt. 2,058,126; Oct. 20.
- Boss, Edward C., Pittsburgh, Pa. Machine construction. 2,052,600; Sept. 1.
- Boss, John W., Livingston, Mont. Production of chromic acid. 2,055,961; Sept. 29.
- Boss, John W., Livingston, Mont. Apparatus for production of chromic acid and caustic alkali. 2,055,962; Sept. 29.
- Boss, John W., Livingston, Mont. Making thick deposits of electrolytic chromium and the separation thereof from the cathode surface. 2,055,963; Sept. 29.
- Bossart, Paul N. (See Whitelock, L. D., Bossart, Place, and Sorenson.)
- Bossart, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical amplifier. 2,029,354; Feb. 4.
- Bossart, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for railway train signaling systems. 2,038,635; Apr. 28.
- Bossart, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway communicating system. 2,064,640; Dec. 15.
- Bossart, Paul N., Cheswick, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for railway train communication systems. 2,064,641; Dec. 15.
- Bossart, Paul N., Cheswick, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway train communication system. 2,064,642; Dec. 15.
- Bossart, Paul N., Cheswick, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for railway train communication. 2,064,643; Dec. 15.
- Bossert Company. (See Clement, Walter J., assignor.)
- Bossert Company, The. (See Seitz, Charles, assignor.)
- Bossert, Erwin. (See Schrader, H., and Bossert.)
- Bossert, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for railway train communication systems. 2,040,198; May 12.
- Bosshard, John J. (See Attick, P. E., and Bosshard.)
- Bosshart, Jakob, Riehen, near Basel, and F. Dobler, assignors to the firm of J. R. Geigy A. G., Basel, Switzerland. Conversion products of azo dyestuffs and their production. 2,061,545; Nov. 24.
- Bossie, Charles S., assignor to Perfection Appliances, Inc., New York, N. Y. Washing machine. 2,033,607; Mar. 10.
- Bostian, Irvin, Philadelphia, Pa. Electric switch. 2,058,661; Oct. 27.
- Bostic, Ralph R., Los Angeles, Calif. Headlight. 2,064,880; Dec. 22.
- Boston Blacking & Chemical Co. (See Brother, George H., assignor.)
- Boston Blacking & Chemical Co. (See Macdonald, Alexander D., assignor.)
- Boston Blacking & Chemical Co. (See Nash, Russell K., assignor.)
- Boston Blacking & Chemical Co. (See Wedger, Walter H., assignor.)
- Boston Clip & Tag Company. (See Hall, William L., assignor.)
- Boston Envelope Company. (See Henry, Shala W., assignor.)
- Boston Gear Works, Inc. (See Bestoso, Napoleon S., assignor.)
- Boston Gear Works, Inc. (See Schumb, Martin T., assignor.)
- Boston Machine Works Company. (See Baker, M., and Hallgren, assignors.)
- Boston Machine Works Company. (See Osgood, Walter P., assignor.)
- Boston Machine Works Company. (See Parvin, Albert M., assignor.)
- Boston Machine Works Company. (See Whelpley, Lloyd E., assignor.)
- Boston Wire Stitcher Company. (See Bickford, Herbert A., assignor.)
- Boston Wire Stitcher Company. (See Cavanagh, John F., assignor.)
- Boston Wire Stitcher Company. (See Maynard, Arthur H., assignor.)
- Boston Wire Stitcher Company. (See Maynard, A. H., and Harred, assignors.)
- Boston Wire Stitcher Company. (See McClure, Harry T., assignor.)
- Bostwick, George L. (See Nold, J. H., and Bostwick.)
- Bostwick-Goodell Company, The. (See Goodell, I. Welton, assignor.)
- Bostwick, Henry C., assignor to The Akron Standard Mold Co., Akron, Ohio. Collapsible tire-band form. 2,042,498; June 2.
- Bostwick, Henry C., Coventry Township, Summit County, assignor to The Akron Standard Mold Company, Akron, Ohio. Adjustable tire building drum. 2,048,536; July 21.
- Bostwick, Myron A., Spokane, Wash., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Direct trip device. 2,027,221; Jan. 7.
- Bostwick, Myron A., North Arlington, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Network protector. 2,044,143; June 16.
- Bostwick, Myron A., North Arlington, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Directional relay. 2,053,416; Sept. 8.
- Boswan, Hans P., Gallion, Ohio, assignor to The North Electric Mfg. Company. Supervisory control system. 2,059,204; Nov. 3.
- Boswell, Maitland C., Toronto, Ontario, Canada. Preparing a catalyst for the reduction of sulphur dioxide. 2,026,819; Jan. 7.
- Boswell, Maitland C., and G. P. Beal, Toronto, Ontario, Canada. Separating sulphur dioxide from gaseous mixtures. 2,047,819; July 14.
- Bosworth, Luther L., San Diego, Calif. Dental instrument. 2,056,417; Oct. 6.



- Bosworth, Thomas E., Providence, R. I., assignor to Universal Optical Corporation. Ophthalmic mounting. 2,047,938; July 21.
- Both, Tonjes A., Stratford, assignor to The Bryant Electric Company, Bridgeport, Conn. Electric switch. 2,050,918; Aug. 11.
- Botley, Richard M. (See Hoyt, S. T., and Botley.)
- Bott, Angelo L. (See Yannes, Stephen E., assignor.)
- Bott, George R., assignor to Norma-Hoffman Bearing Corporation, Stamford, Conn. Retainer for antifriction bearings. 2,038,095; Apr. 21.
- Bott, George R., assignor to Norma-Hoffman Bearings Corporation, Stamford, Conn. Journal bearing. 2,062,290; Dec. 1.
- Botten, Henry W., Shaker Heights, assignor to The Owen Bucket Company, Cleveland, Ohio. Grapple. 2,052,211; Aug. 25.
- Bötticher, Reinhold. (See Hessenland, M., and Bötticher.)
- Botker, Viggo, and B. Grondahl, assignors to Alaskan Glacier Sea Food Company, Seattle, Wash. Shrimpselling machine. 2,034,691; Mar. 24.
- Bottle, Edward K., Elmira, N. Y., assignor, by mesne assignments, to American Sales Book Company, Inc. Record. 2,047,947; July 21.
- Bottoms, Robert R., assignor to The Girdler Corporation, Louisville, Ky. Recovering acidic gases from gaseous mixtures. 2,031,632; Feb. 25.
- Bottoms, Robert R., assignor to The Girdler Corporation, Louisville, Ky. N-hydroxy-aminoalkyl substituted alkyl-ene diamines. 2,046,720; July 7.
- Bottoms, Robert R., assignor to The Girdler Corporation, Louisville, Ky. Separating acidic gases. 2,065,112; Dec. 22.
- Bottoms, Robert R., assignor to The Girdler Corporation, Louisville, Ky. Producing lower aliphatic amino alcohols. 2,065,113; Dec. 22.
- Botts, John M., Jenkintown, Pa. Weltless, full-fashioned hosiery and method of manufacture therefor. 2,042,582; June 2.
- Bouchard, Blanche E. (See Du Grenier, Francis C., assignor.)
- Bouchard, Frank M., St. Elmo, Ala. Tooth brush and tooth paste holder. 2,065,641; Dec. 29.
- Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Machine for assembling ophthalmic mountings. 2,033,608; Mar. 10.
- Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,035,785; Mar. 31.
- Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Goggles. 2,064,812; Dec. 22.
- Boucher, Marcel, Eltingville, Staten Island, N. Y. Brooch assemblage. 2,034,128; Mar. 17.
- Boucher, Marcel, Eltingville, Staten Island, N. Y. Brooch assemblage. 2,034,129; Mar. 17.
- Boucher, Marcel, Eltingville, assignor to Mazer Bros., New York, N. Y. Article of jewelry. 2,032,907; Mar. 3.
- Boucher, Marcel, Eltingville, assignor to Mazer Bros., New York, N. Y. Article of jewelry. 2,032,908; Mar. 3.
- Boudin, Louis, St. Gobain, France, assignor to Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint Gobain, Chauny & Cirey. Apparatus for the continuous manufacture of sheet glass. 2,052,212; Aug. 25.
- Boudreau, Anthony P. J., Stewart Manor, assignor to The Western Union Telegraph Company, New York, N. Y. Signal relay system. 2,060,549; Nov. 10.
- Bouget, Yves A., West Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,050,243; Aug. 11.
- Bouget, Yves A., West Orange, and D. V. Waters, South Orange, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling strands. 2,041,812; May 26.
- Bouget, Yves A., West Orange, and F. M. Malhiot, Wood-Ridge, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Combination material working machine. 2,049,191; July 28.
- Boughton, Edward B., assignor to Lockheed Hydraulic Brake Company, Limited, London, England. Hydraulically or liquid pressure operated brake. 2,031,360; Feb. 18.
- Boughton, Edward B., London, and G. Van Vestraut, Leamington Spa, assignors to Automotive Products Company, Limited, London, England. Automotive brake. 2,030,848; Feb. 18.
- Boughton, Edward B., and J. Rodway, assignors to Lockheed Hydraulic Brake Company Limited, London, England. Liquid pressure braking means for vehicles. 2,037,494; Apr. 14.
- Boughton, Willis A., Cambridge, and W. R. Mansfield, Boston, assignors to New England Mica Co., Waltham, Mass. Bonded product with long temperature range binders. 2,054,356; Sept. 15.
- Bouhuys, Aleidus G., assignor to American Enka Corporation, Enka, N. C. Treatment of artificial silk filaments. 2,039,279; May 5.
- Boulade, Jean L., Alturas, Calif. Automatic loading and dumping washer. 2,046,607; July 7.
- Boulanger, Louis, Brussels, and F. Emseñs, Lommel, Belgium. Cracking tar and bituminous schist oils with recovery of by-products. 2,027,464; Jan. 14.
- Boulton, George, Rochester, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Edge-bur-nishing machine. 2,050,264; Aug. 11.
- Boulton, Harold S., Chicago, Ill. Floor machine. 2,065,560; Dec. 29.
- Boulton Paul Aircraft Limited. (See North, John D., assignor.)
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie, Clermont-Ferrand, France. Safety device for tires. 2,045,341; June 23.
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie, Clermont-Ferrand, France. Tire pressure gauge. 2,058,557; Oct. 27.
- Bourges, Fernand A. (See Tynan, John E., assignor.)
- Bourges, Fernand A., New York, N. Y. Photographic apparatus. 2,027,369; Jan. 14.
- Bourland, Eli, Jersey City, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Dispensing container. 2,029,219; Jan. 28.
- Bourland, Eli, Jersey City, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Dispensing container. 2,046,934; July 7.
- Bourn, Harry H., Waukesha, Wis. Gate or door fastener. 2,036,679; Apr. 7.
- Bourn, Harry H., Waukesha, Wis. Harness attachment. 2,041,044; May 19.
- Bourn, Harry H., Waukesha, Wis. Automatic choke release. 2,052,601; Sept. 1.
- Bourn, Leslie E. A., Ashford, assignor to The John Compton Organ Company, Limited, London, England. Electrical musical instrument. 2,032,044; Feb. 25.
- Bourne, Roland B., assignor to The Maxim Silencer Company, Hartford, Conn. Sound attenuating device. 2,043,030; June 2.
- Bourne, Roland B., assignor to The Maxim Silencer Company, Hartford, Conn. Sound attenuating device. 2,043,731; June 9.
- Bourne, Roland B., assignor to The Maxim Silencer Company, Hartford, Conn. Sound attenuating device. 2,051,515; Aug. 18.
- Bourne, Stanley E. (See Collins, R. D., Reid, and Bourne.)
- Bourque, Joseph E., Hartford, Conn. Direction indicator for motor vehicles. 2,050,081; Aug. 4.
- Bourquin, Charles M. (See Foehrenbach, A. F. Shoup, Bourquin, and Shoup.)
- Bousquet, Edward N. (See Schwendt, B. J., Bousquet, and Diefenbacher.)
- Bousquet, Euclid W. (See Austin, P. R., and Bousquet.)
- Bousquet, Euclid W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing hydroaromatic alcohols. 2,037,876; Apr. 21.
- Bousquet, Euclid W., G. D. Graves, and P. L. Salzberg, Wilmington, Del., assignors, by mesne assignments, to The Grasselli Chemical Company, Cleveland, Ohio. Parasiticide. 2,030,093; Feb. 11.
- Bouton, Edgar M., administrator. (See Keiper, P. C., and Lewis.)
- Bouton, Edgar M., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control. 2,057,511; Oct. 13.
- Bouton, Edgar M., and H. W. Williams, assignors to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator control system. 2,046,721; July 7.
- Bouton, Edgar M., W. A. Clark, and H. W. Williams, assignors to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator control system. 2,046,722; July 7.
- Bouton, George M., Lynbrook, N. Y., and E. E. Schumacher, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Maintaining cable sheath. 2,044,763; June 23.
- Bouwers, Albert, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray apparatus. 2,053,176; Sept. 1.
- Bouwers, Albert, Eindhoven, Netherlands, and H. Halberstadt, Hamburg, Germany, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray tube. 2,046,808; July 7.
- Bouwers, Albert, and W. H. Boldingh, assignors, by mesne assignments, to F. V. Philips Gloeilampenfabrieken Eindhoven, Netherlands. Apparatus and method for making X-ray pictures. 2,054,493; Sept. 15.
- Bouwers, Albert, and W. H. Boldingh, assignors, by mesne assignments, to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Method and device for measuring thicknesses with penetrating rays. 2,057,325; Oct. 13.
- Bovaird and Company. (See Gibson, Jesse G., assignor.)
- Bovard, Floyd G., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor clamp. 2,028,894; Jan. 28.
- Bovard, Floyd G., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Spring support for conductors. 2,028,895; Jan. 28.
- Bovard, Floyd G., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Cable clamp attachment. 2,031,203; Feb. 18.
- Bovard, Floyd G., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 2,047,994; July 21.
- Bovard, Floyd G., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Cable hanger. 2,058,558; Oct. 27.



- Bovier, Archie M., Elmira, N. Y., assignor, by mesne assignments, to American Sales Book Company, Inc. Composite traveler record. 2,046,544; July 7.
- Bowden, Foster S., Johnstown, Pa. Four-in-hand necktie. 2,056,443; Oct. 6.
- Bowen, Albert H., assignor to I. F. Laucks, Inc., Seattle, Wash. Synthetic phenol resin adhesive. 2,064,410; Dec. 15.
- Bowen, Clinton A., assignor to Corning Glass Works, Corning, N. Y. Furnace. 2,029,052; Jan. 28.
- Bowen, Edgar E. W., Bethesda, Md. Expansive mold. 2,061,137; Nov. 17.
- Bowen, Edson E., Greenwich, assignor to The Fate-Root-Heath Company, Plymouth, Ohio. Tractor plow. 2,030,567; Feb. 11.
- Bowen, George W., Jr. (See Masterson, L., (and Dorman, assignor.)
- Bowen, Herbert C. (See Oliver, W. F., Bowen, and Loweke.)
- Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Compound cylinder. 2,027,267; Jan. 7.
- Bowen, Herbert C., Detroit, Mich., assignor to Hydraulic Brake Company, Los Angeles, Calif. Brake. 2,037,455; Apr. 14.
- Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Steering apparatus. 2,049,192; July 28.
- Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Compensating master cylinder. 2,060,846; Nov. 17.
- Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Sealing means. 2,060,847; Nov. 17.
- Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic brake. 2,065,044; Dec. 22.
- Bowen, James, Manheim, assignor to C. Bond, Philadelphia, Pa. Shock absorbing caster. 2,040,121; May 12.
- Bowen, James, Manheim, assignor to C. Bond, Philadelphia, Pa. Caster control mechanism for movable trucks and the like. 2,046,105; June 30.
- Bowen, Kenneth H., assignor to Columbian Rope Company, Auburn, N. Y. Abrasive supporting member and producing same. 2,032,249; Feb. 25.
- Bowen, Lester W., assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Projection apparatus. 2,031,361; Feb. 18.
- Bowen, Martin D., Savanna, Ill. Roadway machine. 2,027,628; Jan. 14.
- Bowen, Martin D., Savanna, Ill. Roadway machine. 2,027,629; Jan. 14.
- Bowen, Martin D., Savanna, Ill. Roadway machine. 2,027,630; Jan. 14.
- Bowen, Merlin L. (See Hansen, W. O., and Bowen.)
- Bowen, S. R., Company. (See Phipps, John T., assignor.)
- Bowen, William S., Westfield, N. J. Fan and motor construction. 2,031,688; Feb. 25.
- Bowen, William S., Westfield, N. J. Fluid treating mechanism and method. 2,060,166; Nov. 10.
- Bowen, William S., Westfield, N. J. Supercharging mechanism. 2,062,859; Dec. 1.
- Bower, Bert H., Gloversville, N. Y. Leather product and producing it. 2,032,250; Feb. 25.
- Bower, Charles L., Seattle, Wash. Log gripping calk plate. 2,045,066; June 23.
- Bower, Frank A. (See de Jahn, Fredrik W., assignor.)
- Bower, Jerome G., New York, N. Y., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Car underframe. 2,054,372; Sept. 15.
- Bower, Jerome G., New York, N. Y., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Railway car truck. 2,060,550; Nov. 10.
- Bower, Raymond G. (See Rowland, D. P., and Bower.)
- Bower, Raymond G., Detroit, Mich. Case shift mechanism. 2,050,037; Aug. 4.
- Bower, William L., assignor to James Neill & Company (Sheffield) Limited, Sheffield, England. Work holder. 2,053,177; Sept. 1.
- Bowers, Andrew F., et al. (See Smith, Alva T., assignor.)
- Bowers, Charley, assignor of five per cent to W. Saal, New York, N. Y. Changeable electric light device. 2,041,589; May 19.
- Bowers, Frank. (See Brelsford, H. E., Howse, and Bowers.)
- Bowers, Frederick M., Chester, Pa. Filter glass holder. 2,055,117; Sept. 22.
- Bowers, Herbert L., Long Island City, N. Y., assignor to The Permutit Company (1934), Wilmington, Del. Brine recovery apparatus for water softeners. 2,065,962; Dec. 29.
- Bowers, Lyle W., Cleveland, Ohio. Conveyer system. 2,052,748; Sept. 1.
- Bowers, Oliver O., Cape Girardeau, Mo. Lining holder for automobile bodies. 2,036,390; Apr. 7.
- Bowers, Townes L., Waco, Tex. Hand truck. 2,028,133; Jan. 21.
- Bowers, Whitefield, Michigan City, Ind. Razor assembly. 2,064,102; Dec. 15.
- Bowersox, Joseph W., Chicago, Ill. Machine for quilting mattress borders. 2,059,845; Nov. 3.
- Bowes, Theodore J., assignor, by mesne assignments, to Andrew McLean Company, Passaic, N. J. Treating upholstery and floor covering materials. 2,055,464; Sept. 29.
- Bowes, Urban E., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Method and apparatus for surface treating glass containers. 2,046,302; June 30.
- Bowie, Clifford P., Berkeley, Calif. Mud lining oil and gas wells. 2,033,509; Mar. 10.
- Bowker, William, Newark, N. J., assignor to Celluloid Corporation. Coloring thermoplastic material. 2,054,848; Sept. 22.
- Bowker, William, Newark, and B. Andersen, Maplewood, N. J., assignors to Celluloid Corporation. Cellulose acetate material for playing cards, etc. 2,052,602; Sept. 1.
- Bowlby, Walter D., assignor to Hercules Powder Company, Wilmington, Del. Undercoat for lacquers and lacquered material. 2,028,189; Jan. 21.
- Bowlby, Walter D., assignor to Hercules Powder Company, Wilmington, Del. Chlorinated rubber coating composition. 2,057,999; Oct. 20.
- Bowler, Ernest C., Jr., assignor to Maine Casket Company, Inc., Portland, Maine. Removable interior for burial cases. 2,044,967; June 23.
- Bowles, Edward L., Wellesley Farms, Mass. Electric meter. 2,029,355; Feb. 4.
- Bowles, Edward L., Wellesley Farms, Mass. Measuring dynamic characteristics. 2,031,924; Feb. 25.
- Bowles, Edward L., Wellesley Farms, Mass. Measuring dynamic characteristics. 2,031,925; Feb. 25.
- Bowles, Edward L., Wellesley Farms, Mass. Electric meter. 2,031,926; Feb. 25.
- Bowles, Edward L., Wellesley Farms, Mass. Group-address system. 2,063,224; Dec. 8.
- Bowles, Edward L., Wellesley Farms, Mass. Phonograph pick-up. 2,063,225; Dec. 8.
- Bowles, Edward L., Watertown, Mass. Measuring dynamic characteristics. 2,031,923; Feb. 25.
- Bowles, Edward L., Wellesley Farms, and G. H. B. Smith, Jr., Boston, assignors to F. B. Hopewell, Newton, Mass., trustee. Electro-dynamic apparatus. 2,036,252; Apr. 7.
- Bowling, Leonard C., Houston, Tex. Deep well pump. 2,051,243; Aug. 18.
- Bowlus, Benjamin H. (See Andersen, A. C., and Bowlus.)
- Bowlus, Claude A., Birmingham, Mich. Electric arc welding electrode holder. 2,060,606; Nov. 10.
- Bowly, Heyward W. (See Campbell, T. C., Wheeler, and Bowly.)
- Bowman, Edward J., Anaconda, Mont. Rock drill. 2,037,307; Apr. 14.
- Bowman, Glenn A., and C. W. Robertshaw, Greensburg, assignor to Robertshaw Thermistat Company, Youngwood, Pa. Thermostatic controls for liquid fuel burners. 2,038,264; Apr. 21.
- Bowman, John M., assignor to Philadelphia Storage Battery Company, Philadelphia, Pa. Radio tube socket. 2,035,295; Mar. 24.
- Bowman, John M., assignor to Philadelphia Storage Battery Company, Philadelphia, Pa. Resistor connector device. 2,045,362; June 23.
- Bowman, John M., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Shielding device. 2,063,786; Dec. 8.
- Bowman, Louis, G., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Automatic tension release for blind stitch sewing machines. 2,064,881; Dec. 22.
- Bowman, Oliver S., Colorado Springs, Colo. Waterproof and fireproof floor construction. 2,031,249; Feb. 18.
- Bowman, Robert L., Chaska, Minn. Road sander for vehicles. 2,063,294; Dec. 8.
- Boyman, William A., Pittsburgh, Pa. Liquid dispensing device. 2,051,981; Aug. 25.
- Bown, Ralph, Maplewood, N. J., assignor to American Telephone and Telegraph Company. Synchronizing system. 2,037,847; Apr. 21.
- Bown, Ralph, Maplewood, N. J., assignor to American Telephone and Telegraph Company. Selective signaling system. 2,040,462; May 12.
- Bown, Ralph, Maplewood, N. J., assignor to American Telephone and Telegraph Company. Iterative telegraph system. 2,050,265; Aug. 11.
- Bowne, Langford J., Howard Beach, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alarm system. 2,029,699; Feb. 4.
- Bowne, Langford J., Howard Beach, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone line system. 2,055,647; Sept. 29.
- Bowser, Harley O., South Bend, Ind. Air hose coupling for tires. 2,027,956; Jan. 14.
- Bowser, Percy L. (See Flammang, J., Bowser, and Ernst.)
- Bowser, S. F., & Company. (See Carroll, William M., assignor.)
- Bowser, S. F., & Company. (See Griffith, Clement P., assignor.)
- Bowser, S. F., Company. (See Lanser, Alfred, assignor.)
- Bowser, S. F., & Company. (See Renfrew, Paul B., assignor.)
- Bowser, S. F., & Company. (See Renfrew, P. B., and Marsh, assignors.)
- Bowser, S. F. & Company, Inc. (See Cook, J. F., Jr., and Moore, assignors.)
- Bowser, Walter B. (See Callahan, James T., assignor.)
- Boyajian, Aram, Pittsfield, Mass., assignor to General Electric Company. Electric circuit control means. 2,040,684; May 12.



- Boyce, Erskine E., assignor to The Boysell Company, Gastonia, N. C. Multiple needle sewing machine. 2,040,427; May 12.
- Boyce, James C. H. (See Farrow, William T. and L., and Boyce.)
- Boyce, Leonard D. (See Ericson, G. R., and Boyce.)
- Boyce, Leonard D., Maplewood, Mo. Window control device for automobiles and other traveling vehicles. 2,030,849; Feb. 18.
- Boyce, Leonard D., Maplewood, Mo. Internal combustion engine. 2,045,829; June 30.
- Boyce, Leonard D., Maplewood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,048,727; July 28.
- Boyce, William S., Chicago, Ill. Tie plate. 2,038,919; Apr. 28.
- Boyce, William S., Chicago, Ill. Tie plate. 2,038,922; Apr. 28.
- Boyd, Arthur L., Brockton, Mass. Apparatus for eye testing. 2,057,412; Oct. 13.
- Boyd, Charles E. (See Richardson, Sidney, assignor.)
- Boyd, James, Denver, Colo., and B. E. Moritz, Jr., Chicago, Ill. Measuring earth resistances. 2,036,193; Apr. 7.
- Boyd, James H., Jr., assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of hydrocarbons. 2,042,452; June 2.
- Boyd, James K., Wilkinsburg, and F. F. Slick, North Braddock, Pa. Tie-plate. 2,051,982; Aug. 25.
- Boyd, Kenneth M., assignor, by mesne assignments, to Scale Models, Inc., Chicago, Ill. Truck bolster for model railways. 2,062,965; Dec. 1.
- Boyd, Maurice C., et al. (See Dietz, Valentine, assignor.)
- Boyé, Alfred, Paris, France. Automatic telephone apparatus. 2,043,526; June 9.
- Boyer, Arthur L. (See Pitt, Samuel, assignor.)
- Boyer, Clifford F., and G. W. Fouke, assignors to Kwick-Kut Manufacturing Co., Inc., St. Louis, Mo. Tire groover. 2,031,028; Feb. 18.
- Boyer, Edward B. (See Boyer, Horace R., and E. B.)
- Boyer, Horace R. and E. B., Philadelphia, Pa. Sanding device. 2,033,322; Mar. 10.
- Boyer, Sylvester, and L. F. Parmenter, Portland, Maine, assignor to S. D. Warren Company, Boston, Mass. Paper coating. 2,051,403; Aug. 18.
- Boyer, Walton T., Stamford, Conn. Alloy and making same. 2,050,266; Aug. 11.
- Boykin, Burwell, Jr. (See Pranger, A., and Boykin.)
- Boykin, Burwell, Jr., Beaumont, Tex. Water cooled brake for draw works. 2,051,286; Aug. 18.
- Boykin, Burwell, Jr., Beaumont, Tex., assignor to International Derrick & Equipment Company. Oil field rotary. 2,044,203; June 16.
- Boyko, Emil, Saskatoon, Saskatchewan, Canada. Trap hook. 2,041,634; May 19.
- Boykow, Johann M., Berlin-Lichterfelde, Germany. Apparatus for finding the course along any definite great circle. 2,039,878; May 5.
- Boykow, Johann M., Berlin-Lichterfelde, Germany. Gyroscopic pendulum. 2,046,998; July 7.
- Boykow, Johann M., Berlin-Lichterfelde-West, assignor to Deutsche Luftfahrt-und Handels-Aktien-Gesellschaft, Berlin, Germany. Inclination responsive device for aircraft. 2,029,700; Feb. 4.
- Boyle, Cluster, Cambridge, Ohio. Pants presser. 2,034,130; Mar. 17.
- Boyle, Edward D., New York, N. Y. Apparatus for molding material. 2,047,356; July 14.
- Boyle, John R., assignor to Illinois Testing Laboratories, Inc., Chicago, Ill. Air velocity meter. 2,060,848; Nov. 17.
- Boyle Manufacturing Company. (See Rollason, Charles H., assignor.)
- Boyle Motor Products Company. (See Olenick, Steve E., assignor.)
- Boyle, Robert S. (See Glomb, John S., assignor.)
- Boyle, William E., Madison, N. J., assignor to Spaulding Fibre Co. Inc., Tonawanda, N. Y. Producing abrasion resisting guards. 2,053,811; Sept. 8.
- Boyle, William E., and G. M. Van Lear, Madison, N. J., assignors to Spaulding Fibre Co. Inc., Tonawanda, N. Y. Method of and equipment for producing abrasion resisting covering for conductors. 2,065,561; Dec. 29.
- Boyles, David S., assignor to National Wire Goods Manufacturing Company, Rock Hill, S. C. Machine for making wire garment hangers. 2,059,771; Nov. 3.
- Boyles, Edgar R., Hartford City, and C. R. Moon, Muncie, assignors to J. R. Johnston, Jr., Hartford City, Ind. Producing concave crystals. 2,057,763; Oct. 20.
- Boynton, Alexander, San Antonio, Tex. Lifting liquids. 2,042,583; June 2.
- Boynton, Alexander, assignor to C. A. Beatty, San Antonio, Tex. Pneumatic piston pump. 2,054,924; Sept. 22.
- Boynton, Alexander, assignor to C. A. Beatty, San Antonio, Tex. Pressure relief valve. 2,055,465; Sept. 29.
- Boynton, Arthur J., Winnetka, assignor to H. A. Brassert & Company, Chicago, Ill. Apparatus for burning fuel. 2,031,757; Feb. 25.
- Boynton, Arthur J., assignor to H. A. Brassert & Company, Chicago, Ill. Determining the oxygen content of gases. 2,036,251; Apr. 7.
- Boys, Charles V., London, England. Gas delivery apparatus. 2,040,199; May 12.
- Boysell Company, The. (See Boyce, Erskine E., assignor.)
- Bozeman, John F., Houston, Tex. Core drilling apparatus. 2,046,106; June 30.
- Bozin, Zorn L., Gary, Ind. Beach case. 2,042,699; June 2.
- Braach, Paul, Siegen in Westphalia, Germany. Heating liquids. 2,059,623; Nov. 3.
- Braasch, Frederick W., assignor to Sheboygan Chair Company, Sheboygan, Wis. Chair structure. 2,028,128; Jan. 21.
- Braaten, Arthur M., Riverhead, N. Y., assignor to Radio Corporation of America. Oscillation generator. 2,051,936; Aug. 25.
- Braaten, Arthur M., Riverhead, N. Y., assignor to Radio Corporation of America. Constant frequency oscillation generator. 2,058,559; Oct. 27.
- Braaten, Arthur M., Riverhead, N. Y., assignor to Radio Corporation of America. Constant frequency generator. 2,066,027; Dec. 29.
- Brabender, Carl W., Duisburg, Germany. Apparatus for the determination of moisture. 2,047,765; July 14.
- Brace, Edwin T., assignor to The Buckeye Incubator Manufacturing Company, Springfield, Ohio. Incubation. 2,060,411; Nov. 10.
- Brace, Kemper P., New York, N. Y. Air conditioning unit. 2,058,405; Oct. 27.
- Brace-Lapham Engineering Corporation. (See Lapham, De Forest A., assignor.)
- Brace, Porter H., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arc welding apparatus. 2,053,417; Sept. 8.
- Bracewell, Russell S., South Hadley, Mass. Apparatus for treating paper. 2,063,887; Dec. 15.
- Bracewell, Russell S., South Hadley, Mass. Treating pyroxylin coated paper to eliminate curl. 2,063,888; Dec. 15.
- Brach, Leon S., East Orange, N. J. Condition indicating means for fuses. 2,037,062; Apr. 14.
- Brack, John D., Sulphur, La. Core taking device for wells. 2,055,648; Sept. 29.
- Brack, John D., assignor to Louisiana Supply Company, Sulphur, La. Direction changing drilling device. 2,061,317; Nov. 17.
- Brack, John D., Sulphur, La., and H. F. Whiton, New York, N. Y. Drill hole deflector. 2,061,316; Nov. 17.
- Bracken, Stanley, La Grange, and M. T. Goetz, assignors to Teletype Corporation, Chicago, Ill. Keyboard perforator and counter. 2,043,231; June 9.
- Brackensey, Auguste H., London, England. Illuminated sign. 2,049,942; Aug. 4.
- Brackett, Clare L. (See Stoll, Albert, assignor.)
- Brackett Manufacturing Co. (See Pollard, Joseph F., assignor.)
- Brackett, Newell, Philadelphia, Pa., assignor to Crane Packing Company. Packing for doors. 2,062,261; Nov. 24.
- Brackett Stripping Machine Company, The. (See Daneke, D., and Williams, assignors.)
- Brackett, William S. (See Graham, R. N., and Brackett.)
- Bradbury, Walter W., St. Louis, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Wood heel concaving machine. 2,038,636; Apr. 28.
- Bradbury, Walter W., St. Louis, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Scouring machine. 2,057,290; Oct. 13.
- Bradbury, William T. (See Kahn, B. B., and Bradbury.)
- Bradbury, William T., assignor to The Estate Stove Company, Hamilton, Ohio. Electric range. 2,055,246; Sept. 22.
- Bradbury, William T., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Heater or stove construction. 2,055,995; Sept. 29.
- Bradbury, William T., Kankakee, Ill., assignor to Florence Stove Company, Boston, Mass. Fuel supply apparatus for oil burners. 2,061,138; Nov. 17.
- Bradbury, William T., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Oil stove burner mechanism. 2,063,722; Dec. 8.
- Braddon, Fred D. (See Drake, H. C., and Braddon.)
- Braddon, Fred D., Eltingville, assignor to Sperry Products, Inc., Brooklyn, N. Y. Flaw detector for tubular conductors. 2,053,693; Sept. 8.
- Braden, Marshall H., assignor to Oil Burner Builders, Inc., Rock Island, Ill. Demountable oil burner mechanism. 2,032,909; Mar. 3.
- Braden, Rene A., Merchantville, N. J., assignor to Radio Corporation of America. Energizing circuits for space discharge devices. 2,032,199; Feb. 25.
- Braden, Rene A., Merchantville, N. J., assignor to Radio Corporation of America. Receiving system. 2,046,765; July 7.
- Braden, Rene A., New York, N. Y., assignor to Radio Corporation of America. Band pass amplifier. 2,036,981; Apr. 7.
- Braden, Rene A., New York, N. Y., assignor to Radio Corporation of America. Band pass amplifier coupling. 2,037,614; Apr. 14.
- Braden, Rene A., New York, N. Y., assignor to Radio Corporation of America. Band-pass amplifier. 2,055,996; Sept. 29.
- Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Short wave detector system. 2,050,598; Aug. 11.
- Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Automatic sensitivity control circuit. 2,051,364; Aug. 18.



- Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Automatic fidelity control circuit. 2,053,762; Sept. 8.
- Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Automatic fidelity control circuits. 2,054,892; Sept. 22.
- Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Automatic volume control. 2,055,374; Sept. 22.
- Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Radio receiver. 2,063,295; Dec. 8.
- Braden, Rene A., New York, N. Y., assignor to Radio Corporation of America. Constant resistance amplifier circuit. 2,064,146; Dec. 15.
- Braden, Rene A., Merchantville, N. J., assignor to Radio Corporation of America. Tuned radio frequency amplifier. 2,065,884; Dec. 29.
- Bradford, Arthur J., Alplaus, N. Y., assignor to General Electric Company. Film driving apparatus. 2,031,817; Feb. 25.
- Bradford, Brenton B., Fresno, Calif. Automobile wheel. 2,037,615; Apr. 14.
- Bradford, Edward S., Jr., Longmeadow, assignor to Springfield Wire & Tinsel Co., West Springfield, Mass. Scouring device. 2,043,031; June 2.
- Bradford Motor Works. (See Martin, John N., assignor.)
- Bradford, Raymond C., Hamden, Conn., assignor to American Telephone and Telegraph Company. Combined telephone and first dispatch system. 2,065,642; Dec. 29.
- Bradford, Zerbe C. (See Mapes, C. W., and Bradford.)
- Bradford, Zerbe C., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Lubricator. 2,057,182; Oct. 13.
- Bradley, Albert F., assignor to Northwestern Barb Wire Company, Sterling, Ill. Galvanizing apparatus. 2,063,721; Dec. 8.
- Bradley, Allen, Company. (See Wilms, Gustav O., assignor.)
- Bradley, David N., Jr., Joliet, assignor of one-half to W. R. Andrews, Chicago, Ill. Investing patterns for dental pieces. 2,042,330; May 26.
- Bradley, Eric H., assignor to National Pumps Corporation, Dayton, Ohio. Zero-setting device for registers. 2,059,433; Nov. 3.
- Bradley, Eric H., Cincinnati, assignor to National Pumps Corporation, Dayton, Ohio. Liquid dispensing apparatus. 2,026,959; Jan. 7.
- Bradley, Fred J. (See Bradley, Richard C., assignor.)
- Bradley, Isaac E., Washington, D. C. Making picture mountings. 2,055,570; Sept. 29.
- Bradley, James D., Pittsburgh, Pa. Method of and apparatus for the reduction of oxide ores. 2,057,554; Oct. 13.
- Bradley, John V., Wharton, N. J. Knitting machine. 2,062,695; Dec. 1.
- Bradley, Joseph R., assignor of one-half to T. B. Turner, Tulsa, Okla. Food chopper. 2,053,178; Sept. 1.
- Bradley Lumber Company of Arkansas. (See Rockwell, Byrd C., assignor.)
- Bradley, Milton, Company. (See Clark, Edward O., Jr., assignor.)
- Bradley, Milton, Company. (See Leonard, Arthur H., Jr., assignor.)
- Bradley, Ralph A. (See Norquist, V. C., and Bradley.)
- Bradley, Ralph A., Minneapolis, Minn., assignor to Butler Manufacturing Company, Kansas City, Mo. Trailer vehicle. 2,038,265; Apr. 21.
- Bradley, Ralph A., and E. E. and V. C. Norquist, assignors to Butler Manufacturing Company, Kansas City, Mo. Tank vehicle. 2,056,820; Oct. 6.
- Bradley, Ralph A., and V. C. Norquist, assignors to Butler Manufacturing Company, Kansas City, Mo. Tank vehicle. 2,041,320; May 19.
- Bradley, Richard C., Brooklyn, assignor of one-half to F. J. Bradley, St. Albans, N. Y. Register frame. 2,044,049; June 16.
- Bradley, Richard C., Brooklyn, assignor of one-half to F. J. Bradley, St. Albans, N. Y. Piston for liquid meters. 2,053,942; Sept. 8.
- Bradley, Richard C., New York, assignor of one-half to F. J. Bradley, St. Albans, N. Y. Balanced diaphragm system and meter utilizing the same. 2,044,050; June 16.
- Bradley, Theodore F., Westfield, N. J., assignor to Ellis-Foster Company. Crystallizing lacquers. 2,059,981; Nov. 3.
- Bradley, Thomas B., Du Bois, Pa. Baking pan supporting rack. 2,030,349; Feb. 11.
- Bradley, Thomas W., Philadelphia, Pa. Relief valve for unfired pressure vessels. 2,036,391; Apr. 7.
- Bradley Washfountain Company. (See Mullett, Howard A., assignor.)
- Bradley, William, Manchester, and R. Robinson, Oxford, England, assignors to Imperial Chemical Industries Limited. Amino-hydroxy-naphthonitriles and preparing same. 2,032,465; Mar. 3.
- Bradley, William T., Philadelphia, Pa. Rotary fluid compressor, exhaustor or circulating machine. 2,035,786; Mar. 31.
- Bradner, Donald B. (See Montgomery, W. J., and Bradner.)
- Bradner, Donald B., and W. J. Montgomery, assignors to The Champion Paper and Fibre Company, Hamilton, Ohio. Testing coated paper. 2,051,464; Aug. 18.
- Bradshaw, Austin A., Hickory, assignor of one-half to J. W. Warlick, Catawba County, N. C. Lock. 2,032,974; Mar. 3.
- Bradshaw, Charles E., assignor of one-third to C. Martin, Wellville, Va. Connection mechanism for tractors and trailers. 2,053,812; Sept. 8.
- Bradshaw, Herbert B., Zanesville, assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Scale. 2,054,190; Sept. 15.
- Bradshaw, James B. (See Erickson, Prentiss E., assignor.)
- Bradshaw, William M., and W. G. Mylius, Summit, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Meter mounting. 2,030,094; Feb. 11.
- Bradt, Merritt B. (See Weeks, E. A., and Bradt.)
- Bradwell, Robert H., assignor to Polly Prentiss Inc., Sumter, S. C. Machine for producing tufted articles. 2,038,923; Apr. 28.
- Brady, Charles V., Webster Groves, assignor to Bemis Bag Bro. Co., St. Louis, Mo. Bag. 2,046,146; June 30.
- Brady, Francis E., Richmond, assignor to Roots-Connersville Blower Corporation, Connersville, Ind. Rotary pump. 2,042,499; June 2.
- Brady, George F., and A. Dekle, Pearl City, Hawaii. Servomotor. 2,059,082; Oct. 27.
- Brady, George W., Anderson, Ind. Machine gun mounting for aircraft. 2,034,223; Mar. 17.
- Brady, John, Baltimore, Md. Game of skill. 2,034,324; Mar. 17.
- Brady, John, Baltimore, Md. Animated figure. 2,034,325; Mar. 17.
- Brady, Raymond F., Collingswood, N. J., assignor to Radio Corporation of America. Projection printer. 2,032,397; Mar. 3.
- Brady, Raymond F., Collingswood, N. J., assignor to Radio Corporation of America. Film drive mechanism. 2,032,398; Mar. 3.
- Brady, Raymond F., Collingswood, N. J., assignor to Radio Corporation of America. Optical reduction sound printer. 2,063,867; Dec. 8.
- Brady, Thomas, West Caldwell, N. J. Drink vending machine. 2,029,460; Feb. 4.
- Brady, Thomas, Weehawken, N. J. Automatic drink vending machine. 2,037,688; Apr. 14.
- Brady, William H., Roselle, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine driving device. 2,052,125; Aug. 25.
- Braem, Karl, Bern, Switzerland. Mechanical means for distributing gases and vapors in liquids. 2,063,480; Dec. 8.
- Braga, Luigi F., Rome, Italy. Automatic governor for motors, responsive to the resistant torque. 2,062,804; Dec. 1.
- Bragdon, Charles R., Cincinnati, Ohio, assignor to Ault & Wiborg Corporation. Wrinkle finish enamel and making. 2,048,632; July 21.
- Bragg, Caleb S., Palm Beach, Fla., assignor to Bendix Aviation Corporation, South Bend, Ind. Steering mechanism. 2,051,816; Aug. 25.
- Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliesrath, Port Washington, N. Y., assignors to Bragg-Kliesrath Corporation, Long Island City, N. Y. Brake mechanism for automotive vehicles. 2,028,586; Jan. 21.
- Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliesrath, South Bend, Ind., assignors to Bragg-Kliesrath Corporation, South Bend, Ind. Vacuum brake system for automotive vehicles. 2,037,758; Apr. 21.
- Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliesrath, South Bend, Ind., assignors to Bragg-Kliesrath Corporation, Long Island City, N. Y. Brake mechanism for automotive vehicles. 2,043,732; June 9.
- Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliesrath, assignors to Bragg-Kliesrath Corporation, South Bend, Ind. Brake. 2,057,704; Oct. 20.
- Bragg, Gilbert A., deceased, by Fidelity Trust Company, executor, assignor to The Koppers Company of Delaware, Pittsburgh, Pa. Dephenolizing ammonia liquor. 2,056,063; Sept. 29.
- Bragg-Kliesrath Corporation. (See Bragg, C. S., and Kliesrath, assignors.)
- Bragg-Kliesrath Corporation. (See Ertel John C., Jr., assignor.)
- Bragg-Kliesrath Corporation. (See Kliesrath, Victor W., assignor.)
- Bragg-Kliesrath Corporation. (See Kliesrath, V. W., and Sanford, assignors.)
- Bragg-Kliesrath Corporation. (See Pike, Henry L., assignor.)
- Bragunier, Clarence A., assignor of one-half to M. D. King, III, Los Angeles, Calif. Automatic torque control for aircraft. 2,057,877; Oct. 20.
- Braibanti, Giuseppe. (See Braibanti, Mario and G.)
- Braibanti, Mario and G., Milan, Italy. Machine for preparing pastes. 2,026,667; Jan. 7.
- Brainard, Frank S., Hartford, assignor of one-fifth to R. F. Hatch, West Hartford, Conn. Rate recording attachment for integrating meters. 2,057,228; Oct. 13.
- Brainard, Frank W., et al. (See Crum, Roland R., assignor.)
- Brainard, George C., assignor to The General Fireproofing Company, Youngstown, Ohio. Drawer and spacer plate combination. 2,040,595; May 12.
- Brainard, George C., assignor to The General Fireproofing Company, Youngstown, Ohio. Drawer for filing cabinets. 2,055,170; Sept. 22.



- Brainard, Harry C., Detroit, Mich. Rivetless hoop joint. 2,057,291; Oct. 13.
- Brainerd, Henry B., Wellesley, Mass. Traffic signal control. 2,064,882; Dec. 22.
- Braithwaite, Isaac, & Son Engineers Limited. (See Stillington, William H., assignor.)
- Braitling, Fred K., Inc. (See Braitling, Theodore W., assignor.)
- Braitling, Theodore W., Stratford, assignor to Fred K. Braitling, Inc., Bridgeport, Conn. Doll-shoe. 2,063,660; Dec. 8.
- Brake Equipment & Supply Company. (See Pratt, B., and Weinreich, assignors.)
- Brake, George U., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Liquid dispenser. 2,049,405; July 28.
- Bramberry, Harry M., Newcastle, Ind., assignor to The Perfect Circle Company, Hagerstown, Ind. Surface smoothness indicator. 2,035,220; Mar. 24.
- Bramsen, Svend, assignor to Binks Manufacturing Company, Chicago, Ill. Spray gun for asphalt or the like. 2,032,789; Mar. 3.
- Bramsen, Svend, F. Wablin, and E. Gustafsson, assignors to Binks Manufacturing Company, Chicago, Ill. Powder-spraying appliance. 2,029,408; Feb. 4.
- Branch, Benjamin A., Oklahoma City, Okla. Bin. 2,036,115; Mar. 31.
- Branch, Leslie E. T., Ilford, England, assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture camera and projector. 2,026,960; Jan. 7.
- Branche, Nelson T., assignor to Surface Combustion Corporation, Toledo, Ohio. Control mechanism for burners. 2,032,046; Feb. 25.
- Branche, Nelson T., assignor to Surface Combustion Corporation, Toledo, Ohio. Flow controlling unit for gas burners. 2,036,849; Apr. 7.
- Branche, Nelson T., assignor to Surface Combustion Corporation, Toledo, Ohio. Fuel valve and damper control for furnaces. 2,037,363; Apr. 14.
- Branche, Nelson T., Toledo, Ohio, assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor operated valve. 2,052,918; Sept. 1.
- Branche, Nelson T., and V. O. Beam, assignors to Surface Combustion Corporation, Toledo, Ohio. Compensated pilot-controlled thermostat. 2,032,045; Feb. 25.
- Branchen, Leonard E., Rochester, N. Y., assignor of one-half to Carbide & Carbon Chemicals Corporation and one-half to Eastman Kodak Company. Composition of matter. 2,034,020; Mar. 17.
- Branchen, Leonard E., and G. R. Clark, assignors to Eastman Kodak Company, Rochester, N. Y. Moistureproof paper. 2,036,392; Apr. 7.
- Branchini, Luigi, Rome, Italy. Measuring instrument for use of tailors. 2,038,711; Apr. 28.
- Brand, Harry R., New York, N. Y., and C. A. Fausel, Glenridge, N. J. Food preparing machine. 2,033,178; Mar. 10.
- Brand, Louis C., Ottawa, Ill. Arch support shoe. 2,029,409; Feb. 4.
- Brand, Norman A., assignor to Armstrong Cork Company, Lancaster, Pa. Cove construction for use with floor or wall coverings and the like. 2,041,899; May 26.
- Brand, Norman A., assignor to Armstrong Cork Company, Lancaster, Pa. Wall construction. 2,045,940; June 30.
- Brand, William T., and E. J. Fairweather, Dundee, Angus, Scotland. Apparatus for simultaneously twisting and winding yarns or threads into cops. 2,028,644; Jan. 21.
- Brandel, Louis P., et al. (See Flury, William J., assignor.)
- Brandenburg, Clyde S., Chicago, Ill. Separating and delivering containers. 2,059,546; Nov. 3.
- Brandenburg, Francis C., assignor to The Wood Shovel & Tool Company, Piqua, Ohio. Shovel. 2,031,556; Feb. 18.
- Brandenburg, Harry J., Glendora, Calif. Transverse fruit brusher. 2,035,587; Mar. 31.
- Brandenburg, Joseph F., et al. (See Matthews, Percy W., assignor.)
- Brandenburg, Oscar R., Milwaukee, Wis. Dental spatula. 2,055,025; Sept. 22.
- Brandenburg, Stanley A. (See Bickel, C. A., and Brandenburg.)
- Brandenburger, Herbert J., St. Louis, Mo., assignor to Crouse-Hinds Company, Syracuse, N. Y. Program cycle timer. 2,047,122; July 7.
- Brandenburger, Leo. (See Schleicher, M., and Brandenburger.)
- Brandl, Hans, Vienna, Austria, assignor to the firm Compagnie pour la Fabrication des Compteurs et Materiel d'Usines à Gaz, Montrouge, France. Driving the counting mechanism of gas meters. 2,059,547; Nov. 3.
- Brandon, Alfred E., New York, N. Y. Motor vehicle signal lamp. 2,051,817; Aug. 25.
- Brandon, Alfred E., New York, N. Y. Combination pencil holder. 2,056,384; Oct. 6.
- Brandow, Clarence O., Harbor Beach, Mich. Draft equipment. 2,055,997; Sept. 29.
- Brandstein, Samuel J., Brooklyn, N. Y. Combination bowl and adjustable moisture tight cover therefor. 2,064,411; Dec. 15.
- Brandstrom, Charles K., Seattle, Wash. Potato starch extracting machine. 2,058,560; Oct. 27.
- Brandt, David G., Westfield, N. J., assignor to Doherty Research Company, New York, N. Y. Method and apparatus for treating clays. 2,065,643; Dec. 29.
- Brandt, Edgar W., Paris, France. Projectile. 2,037,308; Apr. 14.
- Brandt, Edgar W., Paris, France. Propulsive cartridge for projectiles. 2,052,546; Sept. 1.
- Brandt, Fokko H. G., and B. B. Bocking, Kansas City, Mo. Ball rolling machine. 2,048,917; July 28.
- Brandt, Francis L., Wakefield, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastener turning machine. 2,034,740; Mar. 24.
- Brandt, Francis L., Wakefield, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe-supporting and clamping mechanism. 2,034,741; Mar. 24.
- Brandt, Francis L., Wakefield, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Work guide or support. 2,054,068; Sept. 15.
- Brandt, George E., and L. E. Kraft, Unadilla, Nebr. Mail box. 2,038,823; Apr. 28.
- Brandt, Henry B., assignor to The Dobbins Manufacturing Company, North St. Paul, Minn. Nozzle for sprayers. 2,034,082; Mar. 17.
- Brandt, John E., Ridley Park, Pa. Oil burner. 2,040,544; May 12.
- Brandt, John W., Elyria, Ohio. Saddle. 2,030,809; Feb. 11.
- Brandt, Millard, Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Wrapping for explosives. 2,061,558; Nov. 24.
- Brandtjen & Kluge, Inc. (See Kluge, Abel and E., assignors.)
- Brandwood, Joseph, Southport, England. Impregnation of textile materials with rubber-containing liquids. 2,031,094; Feb. 18.
- Brandwood, Joseph, Southport, England. Manufacture of textile yarns and the production of fabrics therewith. 2,057,363; Oct. 13.
- Brandywine Mushroom Corporation. (See Perry, Henry H., assignor.)
- Brannen, Frank J., Lyndhurst, assignor of one-half to G. A. Toaz, Cleveland, and one-half to D. P. Robertson, Cleveland Heights, Ohio. Flush tank. 2,048,674; July 28.
- Branstetter, Donald W., Valley Park, Mo. Facial shaving instrument. 2,055,517; Sept. 29.
- Branstrator Body Company. (See Branstrator, Clem G., assignor.)
- Branstrator, Clem G., Fort Wayne, Ind., assignor to Branstrator Body Company, Incorporated. Flooring. 2,052,213; Aug. 25.
- Brantley, Peter A., New Orleans, La. Antitampering device. 2,033,875; Mar. 10.
- Brantly, Lewis R., Marietta, Ga. Soda fountain draft arm. 2,060,551; Nov. 10.
- Braren, Cornelius I. (See Kimball, W. D., Braren, and McFaul.)
- Braren, Cornelius I. (See Kimball, W. D., Braren, and Schaefer.)
- Braren, Cornelius I. (See Kimball, W. D., McKaig, and Braren.)
- Braren, Cornelius I., Jamaica, N. Y., assignor, by mesne assignments to Standard-Knapp Corporation of New York. Cigarette packing machine. 2,053,418; Sept. 8.
- Braren, Waldo W., Pasadena, Calif. Automobile lock. 2,031,523; Feb. 18.
- Brasch, Arno, and F. Lange, Berlin, Germany. High-voltage vacuum discharge tube. 2,043,733; June 9.
- Brasco Manufacturing Company. (See Attick, F. E., and Bosshard, assignors.)
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Lamp. 2,031,927; Feb. 25.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Electric radiation device. 2,039,772; May 5.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Incandescent electric lamp. 2,039,773; May 5.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Unitary illuminating device. 2,046,285; June 30.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Electric lamp for producing modulated lights. 2,047,175; July 14.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Signal lamp. 2,054,048; Sept. 8.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Discharge controlling means for discharge lamps. 2,060,552; Nov. 10.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Discharge lamp for producing modulated light. 2,063,580; Dec. 8.
- Brasfield, Mearl, St. Louis, Mo. Rack for confections. 2,043,032; June 2.
- Brashears, Maurice L., Washington, D. C. Cord holder. 2,027,085; Jan. 7.
- Brasington, Charles P., Cincinnati, Ohio. Grinding mill. 2,063,363; Dec. 8.
- Brasington, Ross M., Marietta, Ohio. Internal combustion engine. 2,050,781; Aug. 11.
- Brassert, H. A., & Company. (See Boynton, Arthur J., assignor.)
- Brassert, H. A., & Company. (See Hartman, Frank E., assignor.)



- Brassert, H. A., & Company. (See Seaver, J. J., Dougan, and Wetherbee, assignors.)
- Brassert, H. A., & Company Limited. (See Wilhelm, Alfred, assignor.)
- Brassert-Tidewater Development Corporation. (See Andrews, C. W., and Petersen, assignors.)
- Brassert-Tidewater Development Corporation. (See Petersen, Roy S., assignor.)
- Brassert-Tidewater Development Corporation. (See Petersen, R. S., and Andrews, assignors.)
- Brasty, Joseph, Maple Heights, assignors of one-third to A. R. Meyer, Cleveland, Ohio. Mold for retreading tires. 2,041,321; May 19.
- Bratman, Barnet, Brooklyn, N. Y. Stitched cloth and manufacturing same. 2,045,630; June 30.
- Bratton, Edward W. (See Heyroth, A. H., and Bratton.)
- Bratton, Robert C. (See Ellis, G. T., and Bratton.)
- Bratz, Otto, Adrian, Mich., assignor to American Cable Company, Inc., Bridgeport, Conn. Assembling power transmitting devices. 2,051,590; Aug. 18.
- Branchler, Charles A., Canton, Ohio. Forging gear blanks. 2,057,669; Oct. 20.
- Brauckmann, Ernst G. (See Heusinkveld, F. W., and Brauckmann.)
- Brauer, Arthur J. (See Wagner, Frederick P., assignor.)
- Brauer, Arthur J., and F. P. Wagner, St. Louis, Mo. Shoe. 2,052,692; Sept. 1.
- Bräuer, Ernst, Voigtsdorf-Riesengebirge, Germany. Ciphering machine. 2,050,919; Aug. 11.
- Brault, Andora, assignor to J. E. Kerigan, Springfield, Mass. Gauge and making the same. 2,039,141; Apr. 28.
- Braun, Carl, Inc. (See Williams, Lester J., assignor.)
- Braun, Franz, Aktiengesellschaft. (See Gastrow, Hans, assignor.)
- Braun, Géza, assignor to Standard Brands Incorporated, New York, N. Y. Extraction of osmium from ores and minerals. 2,049,488; Aug. 4.
- Braun, Philip N. (See Davis, E., and Braun.)
- Braun, Philip N., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Work grip and mechanism for pressing machines. 2,035,787; Mar. 31.
- Braun, Philip S., Los Angeles, Calif. Spring construction. 2,047,667; July 14.
- Braunagel, Robert, Victoria, assignor to Wireless Electric Supplies Limited, Vancouver, British Columbia, Canada. Permanent wave device. 2,051,763; Aug. 18.
- Braund, John J., Washington, D. C. Embossing apparatus. 2,029,651; Feb. 4.
- Braune, Albert, Artern, Germany. Apparatus of a light filter for electric lamps. 2,063,296; Dec. 8.
- Braune, Carl, and E. J. Lloyd, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Aerial tramway. 2,035,281; Mar. 24.
- Braunsdorf, Otto. (See Eckert, W., and Braunsdorf.)
- Braunstein, Meyer. (See Morris, K., and Braunstein.)
- Braunstein, Roger, assignor to Société Anonyme des Anciens Etablissements Braunstein Frères, Paris, France. Transfer material such as carbon paper. 2,063,226; Dec. 8.
- Braunstein, Schulim, Berlin, Germany, assignor of one-half to H. Staveren, New York, N. Y. Toothbrush. 2,028,042; Jan. 14.
- Braunwalder, John, Los Angeles, Calif. Internal combustion engine. 2,065,790; Dec. 29.
- Brautigam, Otto G., Jersey City, N. J., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Labeling machine. 2,060,788; Nov. 17.
- Brawn, Worthen E., assignor to Pejepscot Paper Company, Brunswick, Maine. Making design printing cylinders. 2,029,220; Jan. 28.
- Bray, Dana S., Orleans, Vt., assignor of one-half to A. H. Paradis, Montreal, Canada. Making heels. 2,038,534; Apr. 28.
- Bray, Marvin J. (See Day, C. E., and Bray.)
- Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Petroleum resin. 2,029,288; Feb. 4.
- Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Separating wax from oil. 2,031,095; Feb. 18.
- Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Producing lubricating oil. 2,031,096; Feb. 18.
- Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Producing lubricating oil. 2,031,204; Feb. 18.
- Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Solvent extraction of oils. 2,031,205; Feb. 18.
- Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Treating oils. 2,041,275; May 19.
- Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Treating oils. 2,041,276; May 19.
- Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Treating oils. 2,041,277; May 19.
- Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Asphaltic composition. 2,041,279; May 19.
- Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Separating asphalt and wax from oil. 2,049,046; July 28.
- Bray, Ulric B., Los Angeles, and C. E. Swift, Glendale, assignors to Union Oil Company of California, Los Angeles, Calif. Production of lubricating oil. 2,026,729; Jan. 7.
- Bray, Ulric B., Palos Verdes Estates, L. B. Beckwith, San Pedro, and F. S. Scott, assignors to Union Oil Company of California, Los Angeles, Calif. Asphalt-asbestos mastic and producing same. 2,029,289; Feb. 4.
- Bray, Ulric B., Palos Verdes Estates, and L. B. Beckwith, San Pedro, assignors to Union Oil Company of California, Los Angeles, Calif. Asphalts and producing same. 2,029,290; Feb. 4.
- Bray, Ulric B., Palos Verdes Estates, and C. E. Swift, Glendale, assignors to Union Oil Company of California, Los Angeles, Calif. Production of lubricating oils. 2,040,239; May 12.
- Bray, Ulric B., Palos Verdes Estates, and D. E. Carr, Naples, assignors to Union Oil Company of California, Los Angeles, Calif. Removing wax. 2,048,244; July 21.
- Brayley, Frederic A., Dorchester, Mass. Castor. 2,033,510; Mar. 10.
- Brayton, Harold M., Teaneck, N. J. Ammunition. 2,062,495; Dec. 1.
- Brayton, John C. (See Loe, Ira G., assignor.)
- Brazelton, Roy M., Chicago, Ill., assignor to American Telephone and Telegraph Company. Telephone system. 2,027,465; Jan. 14.
- Brazier, Leslie G. (See Hunter, P. V., Brazier, and Hill.)
- Brazier, Leslie G. (See Hunter, P. V., Watson, and Brazier.)
- Brazier, Sidney A., and C. Hampson, Manchester, and M. Langstreth, Rochdale, assignors to Dunlop Rubber Company Limited, Birmingham, England. Rope and the like. 2,042,824; June 2.
- Breaden, Carroll E., Dayton, assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Scale. 2,032,910; Mar. 3.
- Brearley Company, The. (See Sutton, John C., assignor.)
- Brecht, George F., Richmond Hill, and E. Schodibauer, New York, N. Y. Cuff link. 2,058,850; Oct. 27.
- Brecht, Winston A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Axle generator drive. 2,032,112; Feb. 25.
- Brecht, Winston A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Axle-generator drive. 2,053,419; Sept. 8.
- Breckenridge, Paul G., assignor to Claude Neon Electrical Products Corp. Ltd., Los Angeles, Calif. Method of and apparatus for displaying indicia. 2,034,386; Mar. 17.
- Breddin, Heinrich, Kirchhain, Germany. Apparatus for extracting drugs and the like. 2,046,055; June 30.
- Bredtschneider, Hans, Kassel, Germany, assignor to General Electric Company. Arc welding. 2,046,999; July 7.
- Bredtschneider, Kurt, Dortmund, Germany. High pressure joint for pressure vessels. 2,029,606; Feb. 4.
- Bredtschneider, Kurt, Dortmund, Germany. Lock for the release of erosive fluids under pressure. 2,052,693; Sept. 1.
- Bredtschneider, Walter, Vitkovice-Zelezarny, Czechoslovakia. Coal-dust furnace. 2,055,331; Sept. 22.
- Breen, John R., Dormont, and A. S. Strausbach, Castle Shannon, Pa., assignors to American Telephone and Telegraph Company. Lock. 2,028,495; Jan. 21.
- Breene, Robert G., C. F. Greene, and J. B. Brelsford, Dayton, Ohio. Cowling for aircraft motors. 2,047,948; July 21.
- Breer, Carl, assignor to Chrysler Corporation, Detroit, Mich. Automobile. 2,041,522; May 19.
- Breerwood, Charles H., Narberth, Pa., assignor to Valley Forge Cement Company. Manufacture of cement. 2,028,313; Jan. 21.
- Breese, Edmund L., Beverly Hills, Calif. Nested tables and chairs. 2,030,195; Feb. 11.
- Breese, James L., Jr., Santa Fe, N. Mex. Air conditioning system for motor vehicle bodies. 2,060,923; Nov. 17.
- Breeze Corporations, Inc. (See Flynt, Louis W. G., assignor.)
- Breeze Corporations. (See Gardner, F. G., and Merrill, assignors.)
- Breeze Corporations, Inc. (See Santore, Cono, assignor.)
- Bregman, Harry, assignor to The Steel Stamping Company, Lorain, Ohio. Toy telephone. 2,066,064; Dec. 29.
- Bregman, Harry, assignor to The Steel Stamping Company, Lorain, Ohio. Toy telephone. 2,066,065; Dec. 29.
- Brehm, William F., Rochester, Pa. Tracheotomy tube. 2,039,142; Apr. 28.
- Brehmer, Gebrüder. (See Kleinschmit, O., and Kellermann, assignors.)
- Brehmer, Gebrüder. (See Kleinschmit, O., and Müller, assignors.)
- Brehmer, Gebrüder. (See Rivillois, A., and Müller, assignors.)
- Breidigam, Frank T. (See Near, H. B., Pacini, Crosley, Gerth, Breidigam, and Kelly.)
- Breisch, Edgar W., Lancaster, N. Y. Alternating current rectifying system. 2,050,267; Aug. 11.
- Breitbart, Fritz, assignor to Carl Still Aktiengesellschaft mit beschränkter Haftung, Recklinghausen, Germany. Operation of retorts and chamber ovens. 2,065,963; Dec. 29.
- Breitbart, Hans, Duisburg-Beeck, Germany. Apparatus for making centrifugal castings. 2,034,692; Mar. 24.
- Breitbart, August H., Valparaiso, Ind. Dividing plate and protractor. 2,049,245; July 28.



- Breitenstein, Albert F., assignor to The Geometric Tool Company, New Haven, Conn. Adjustable die-head. 2,046,014; June 30.
- Breitenstein, Herbert G., assignor to R. T. Moloney, Chicago, Ill. Telltale device for games of skill. 2,042,878; June 2.
- Breitling, Ernst. (See Lehmann, K. A., and Breitling.)
- Breitling, Ernst, Essen, Germany, assignor, by mesne assignments, to The National Cash Register Co., Dayton, Ohio. Totalizer controlling mechanism. 2,039,143; Apr. 28.
- Breitling, Ernst, Essen, Germany, assignor, by mesne assignments, to The National Cash Register Co., Dayton, Ohio. Bookkeeping machine. 2,052,444; Aug. 25.
- Breitling, Ernst, Essen, Germany, assignor, by mesne assignments, to The National Cash Register Co., Dayton, Ohio. Controlling mechanism for cash registers and calculating machines. 2,056,821; Oct. 6.
- Breitling, Ernst, Berlin-Tempelhof, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,057,657; Oct. 20.
- Breitling, Ernst, Essen, Germany, assignor by mesne assignments, to The National Cash Register Co., Dayton, Ohio. Bookkeeping and invoicing machine. 2,060,167; Nov. 10.
- Breitling, Ernst, Essen, Germany, assignor, by mesne assignments, to The National Cash Register Co., Dayton, Ohio. Controlling mechanism for cash registers and calculating machines. 2,064,147; Dec. 15.
- Breitschädel, Franz, Katscher, Germany. Knotted carpet and method of manufacturing same. 2,037,616; Apr. 14.
- Breitwieser, Heinrich, Griesheim, near Darmstadt, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Nuremberg, Germany. Lifting bridge. 2,062,635; Dec. 1.
- Breivogel, Philip J., Glen Ridge, N. J. Preparing calcium salts of substituted quinoline carboxylic acids. 2,030,958; Feb. 18.
- Breivogel, Philip J., Glen Ridge, N. J., assignor to William R. Warner & Co., Inc., New York, N. Y. Tooth paste and making same. 2,052,694; Sept. 1.
- Brell, Jules J., New York, N. Y. Machine for making photo prints on printing cylinders. 2,040,827; May 19.
- Brelsford, Harry E., Birmingham, C. L. Howse, and F. Bowers, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Soot blower. 2,049,421; Aug. 4.
- Brelsford, Harry E., Birmingham, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Gauge glass. 2,064,148; Dec. 15.
- Brelsford, James B. (See Breene, R. G., Greene, and Brelsford.)
- Brelsford, James B., Dayton, Ohio. Coupling. 2,044,768; June 23.
- Bremer, Edmund W., Wehawken, N. J. Electrical current conductor. 2,046,056; June 30.
- Bremser, Albert T., Westmont, N. J. Internal combustion engine. 2,036,253; Apr. 7.
- Bremser, Albert T., Westmont, N. J. Internal combustion engine. 2,061,826; Nov. 24.
- Bremser, Albert T., Westmont, N. J., assignor of fifty-two percent to C. G. Fisher, Miami Beach, Fla. Solar operated refrigerating system. 2,030,350; Feb. 11.
- Bren, Bozotech C., Cedar Grove, N. J., assignor to Dupont Viscoid Company, Wilmington, Del. Laminated record. 2,030,568; Feb. 11.
- Bren, Bozotech C., Cedar Grove, N. J., assignor to DuPont Viscoid Company, Wilmington, Del. Compound and compositions containing same. 2,031,206; Feb. 18.
- Brendel, Max E., assignor to Streeter-Amet Company, Chicago, Ill. Control mechanism. 2,032,113; Feb. 25.
- Brendel, Max E., assignor to Streeter-Amet Company, Chicago, Ill. Electrically controlled weight indicating mechanism for weighing scales. 2,040,071; May 12.
- Brendel, Max E., assignor to Streeter-Amet Company, Chicago, Ill. Weight indicating mechanism and the like. 2,040,072; May 12.
- Brendel, Max E., assignor to Streeter-Amet Company, Chicago, Ill. Weighing apparatus. 2,040,073; May 12.
- Brendel, Max E., assignor to Streeter-Amet Company, Chicago, Ill. Recording apparatus. 2,065,362; Dec. 22.
- Breneman, Hugh H., Glen Mills, Pa. Container. 2,031,029; Feb. 18.
- Brenholm, Nels, assignor of one-third to R. M. Wright, Stevenson, and one-third to G. Guyette, Cook, Wash. Jack hammer bit. 2,040,074; May 12.
- Brenizer, Mae F., et al., executors. (See Brenizer, Orson W., assignor.)
- Brenizer, Orson W., deceased, assignor of one-fourth to A. V. Groupe, Philadelphia, Pa.; M. F. Brenizer, S. B. Brenizer, and R. C. Brenizer, executors. Joining wires with sleeves. 2,038,535; Apr. 28.
- Brenizer, R. C., et al., executors. (See Brenizer, Orson W., assignor.)
- Brenizer, Stuart B., et al., executors. (See Brenizer, Orson W., assignor.)
- Brenkert, Karl, assignor to The Brenkert Light Projection Company, Detroit, Mich. Arc regulator. 2,040,596; May 12.
- Brenkert Light Projection Company, The. (See Brenkert, Karl, assignor.)
- Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Typewriting machine. 2,031,928; Feb. 25.
- Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Manifolding. 2,036,960; Apr. 7.
- Brenn, Carl W., Montclair, N. J. News and advertising exhibiting. 2,064,190; Dec. 15.
- Brennan, Daniel A., Chicago, Ill. Fastener. 2,030,095; Feb. 11.
- Brennan, Daniel A., Chicago, Ill. Fastener. 2,043,462; June 9.
- Brennan, Edward A., and W. Hull, Savannah, Ga. Lubricant containing pseudopimaric acid and the preparation thereof. 2,042,035; May 26.
- Brennan, Joseph B., Fort Wayne, Ind. Piston. 2,033,226; Mar. 10.
- Brennan, Joseph B., Fort Wayne, Ind. Electrolytic devices and making same. 2,037,848; Apr. 21.
- Brennan, Joseph B., Fort Wayne, Ind. Piston. 2,044,379; June 16.
- Brennan, Joseph B., Ft. Wayne, Ind. Electrolytic condenser. 2,060,022; Nov. 10.
- Brennan, Paul W., New York, N. Y. Baby shoe protector. 2,053,813; Sept. 8.
- Brennan, Thomas A., Washington, D. C. Hat blocking and storing device. 2,028,270; Jan. 21.
- Brennen, John B., Atlanta, Ga. Selective speed drive. 2,029,053; Jan. 28.
- Brennen, William J., Scottdale, Pa. Thermostat. 2,055,922; Sept. 29.
- Brenner, Benjamin. (See Overland, L., and Brenner.)
- Brenner, Frederick W., Philadelphia, Pa. Can punch. 2,029,607; Feb. 4.
- Brent, George F., Pittsburgh, Pa. Venetian blind hanger. 2,052,379; Aug. 25.
- Brent, George F., and J. M. Guthrie, Pittsburgh, Pa., said Guthrie assignor to said Brent. Venetian blind. 2,061,373; Nov. 17.
- Brentnall, Geoffrey C. (See Willshaw, H., and Brentnall.)
- Brenzinger, Julius, Fairfield, assignor to The Max Ams Chemical Engineering Corporation, Bridgeport, Conn. Spinning machine for rayon or other synthetic material. 2,028,821; Jan. 28.
- Bresdick, Inc. (See Shaler, Saul, assignor.)
- Bresett, George A., Dixon, Ill., assignor to The Borden Company, New York, N. Y. Cap sorting machine. 2,038,096; Apr. 21.
- Breslav, Jack, New Haven, Conn. Hoist grab. 2,060,722; Nov. 10.
- Breth, Walter J., assignor to The General Tire & Rubber Company, Akron, Ohio. Bead wrapping machine. 2,039,627; May 5.
- Breth, Walter J., and M. Engler, assignor to The General Tire & Rubber Company, Akron, Ohio. Tube splicer. 2,027,854; Jan. 14.
- Breth, Walter J., and M. L. Engler, assignors to The General Tire & Rubber Company, Akron, Ohio. Tire building machine. 2,035,422; Mar. 24.
- Breth, Walter J., and M. L. Engler, assignors to The General Tire & Rubber Company, Akron, Ohio. Tire building machine. 2,041,990; May 26.
- Bretschger, Max E., Buffalo, N. Y., assignor to Buffalo Electro-Chemical Company, Inc. Barrel rocker. 2,036,791; Apr. 7.
- Bretschger, Max E., assignor to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Container for hydrogen peroxide. 2,056,894; Oct. 6.
- Bretschneider, Max, Plauen, Germany. Embroidering machine. 2,030,495; Feb. 11.
- Brett, George F. (See Wright, G. M., and Brett.)
- Brett, George F., Leeds, England, assignor to Radio Corporation of America. Electrical oscillation generator. 2,027,017; Jan. 7.
- Brett, Stanley R., London, England. Pedal actuated means for pianos for operating simultaneously two keys. 2,039,518; May 5.
- Breuer, Armin, Berlin, Germany. Paper conveying device for sheets, especially for use in office printing machines. 2,032,166; Feb. 25.
- Breuer, J. Edward, Inc. (See Breuer, John E., assignor.)
- Breuer, John E., Great Neck, assignor to J. Edward Breuer, Inc., Nassau County, N. Y. Decoy. 2,043,827; June 9.
- Breuers, Wilhelm, Ludwigshafen-on-the-Rhine, H. Mark, Mannheim, and E. Konrad, Leverkusen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Impregnation of materials. 2,031,929; Feb. 25.
- Breuers, Wilhelm, and H. Schatz, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Oil varnish. 2,060,412; Nov. 10.
- Brewer, Charles A., Noroton Heights, Conn., assignor of one-half to P. J. Kury. Motor vehicle control. 2,045,516; June 23.
- Brewer, James H., George West, Tex. Rinse circulator. 2,033,812; Mar. 10.
- Brewer, John G., assignor of 9/100 to J. S. Berryman, Jr., 9/100 to H. Young, and 7/100 to L. C. Lucy, Piedmont, Mo. Wall canvassing binder. 2,060,924; Nov. 17.
- Brewer, Moultrie A., Overland, Mo. Mechanical movement. 2,047,458; July 14.
- Brewer, Nathaniel, Lansdowne, assignor to The Sharples Specialty Company, Philadelphia, Pa. Machine and method for separating solids from liquids. 2,040,822; May 19.
- Brewer-Titchener Corporation, The. (See Bishop, Stanley K., assignor.)



- Brewer-Titchener Corporation, The. (See Johannsen, Udo K., assignor.)
- Brewer-Titchener Corporation, The. (See Wenn, Floyd D., assignor.)
- Brewer, Vivian W., Minneapolis, Minn., assignor to Gro-Lux, Incorporated, St. Paul, Minn. Fertilizer and effecting distribution thereof. 2,061,500; Nov. 17.
- Brewer, William, assignor to Sparklets Limited, Edmonton, England. Charging valve for siphon bottles. 2,047,096; July 7.
- Brewster, Frederick T., Watertown, S. Dak., assignor to Industrial Patents Corporation, Chicago, Ill. Hog drop. 2,052,749; Sept. 1.
- Brewster, Morris B., Co. Inc. (See White, William H., assignor.)
- Brewster, Percy D., Eatontown, N. J. Clearing abrasion marks from photographic emulsions. 2,051,798; Aug. 18.
- Brey, Eugene E., Pittsburgh, Pa., assignor to Tracy Manufacturing Company. Edge binding. 2,038,637; Apr. 28.
- Brey, Eugene E., Pittsburgh, Pa., assignor to Tracy Manufacturing Company. Drain board structure. 2,038,638; Apr. 28.
- Brey & Krause Manufacturing Company. (See Pudliner, John, assignor.)
- Brian, William S., Oak Park, Ill. Power transmission device. 2,034,021; Mar. 17.
- Brice, Brooks A., Washington, D. C., assignor to Henry A. Wallace, Secretary of Agriculture of the United States of America. Photoelectric cell circuit. 2,064,517; Dec. 15.
- Brice, Bryan F. and P. B., Cook County, Ill. Making molded cementitious materials. 2,044,204; June 16.
- Brice, Paul B. (See Brice, Bryan F. and P. B.)
- Brick Trust Limited. (See Leroy, Yvonne A. R., assignor.)
- Brickett, Edward M. (See Brown, R. L., Walters, Brickett, and Coleman.)
- Brickman, Alan E., and G. A. Gleason, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Brake control conduit. 2,046,545; July 7.
- Brickman, Alan E., and G. A. Gleason, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. End connection for flat metal strip guard rails. 2,051,465; Aug. 18.
- Bridenbaugh, Elmer H., Denver, Colo., assignor, by mesne assignments, to Standard Power Bed Company. Wall bed actuating mechanism. 2,038,410; Apr. 21.
- Bridge, Adam E., Franklin, assignor to The Black-Clawson Company, Hamilton, Ohio. Paper machinery. 2,056,562; Oct. 6.
- Bridgeman, Walter A., and J. A. Bridgman, Owego, N. Y., assignors, by mesne assignments, to Innis, Speiden & Co. Treating plant material. 2,057,413; Oct. 13.
- Bridgeport Brass Company. (See McMahon, Joseph J., assignor.)
- Bridgeport Brass Company. (See Tobelman, Gustave H., assignor.)
- Bridgeport Brass Company. (See Ward, Marshall H., assignor.)
- Bridgeport Coach Lace Company Incorporated, The. (See Hamm, James I., assignor.)
- Bridgeport Machine Company, The. (See Holiday, E. W., and Blauvelt, assignors.)
- Bridgeport Metal Goods Manufacturing Company, The. (See Fullmer, Giles C., assignor.)
- Bridgeport Safety Emery Wheel Company, The. (See Penny, Frank C., assignor.)
- Bridgeport Thermostat Company. (See Mantle, Joseph G. C., assignor.)
- Bridges, Edward G., Anderson, Ind., assignor to Lynch Corporation. Method and apparatus for the manufacture of hollow glassware. 2,049,422; Aug. 4.
- Bridges, Frank R., Needham, assignor to The Gamewell Company, Newton Upper Falls, Mass. Signaling system. 2,056,709; Oct. 6.
- Bridges, Hallie C., Long Beach, Calif. Automatic auto glass cleaning attachment. 2,056,503; Oct. 6.
- Bridgman, George A., assignor to Cutler Mail Chute Co., Rochester, N. Y. Mail chute. 2,042,500; June 2.
- Bridgman, J. Allington. (See Bridgeman, W. A., and Bridgman, assignors.)
- Bridgman, Neil B., Sunnyside, Wash. Egg cleaner. 2,035,042; Mar. 24.
- Briede & Rogovsky, Inc. (See Templin, William, assignor.)
- Briegel, Theodore, Moline, Ill. Tool for forming joints in tubing. 2,035,686; Mar. 31.
- Briegel, Theodore, Moline, Ill. Machine for forming threads on metal tubing. 2,035,687; Mar. 31.
- Briel, Conrad G., assignor to Cinema Development Company, Chicago, Ill. Producing composite pictures. 2,028,862; Jan. 28.
- Briel, Conrad G., assignor to Cinema Development Company, Chicago, Ill. Producing composite pictures. 2,028,863; Jan. 28.
- Briel, Conrad G., assignor to Cinema Development Company, Chicago, Ill. Making photographic mats. 2,051,161; Aug. 18.
- Brier, Beatrice. (See Solomon, Frank, assignor.)
- Brier Manufacturing Company. (See Kraemer, Julius H., assignor.)
- Brietzke, Adrian P. (See Cheney, M. E., and Brietzke.)
- Brigel, Leo A., Cheviot, Ohio. Coffee grinder. 2,054,239; Sept. 15.
- Briggen, Hans, Vienna, Austria. Roof glazing structure. 2,056,444; Oct. 6.
- Briggs, Arthur J., Syracuse, N. Y., assignor to American Cable Co., Inc. Stranded wire structure and process and machine for producing the same. 2,036,393; Apr. 7.
- Briggs, Donald A., et al. (See Wincote, Charles B., assignor.)
- Briggs, Elton D., Ogden, Iowa. Plow share. 2,038,340; Apr. 21.
- Briggs, George, London, England. Massage appliance or the like. 2,054,849; Sept. 22.
- Briggs, Howland F., Buffalo, assignor to Bagpak, Inc., New York, N. Y. Safety stop for bag closing machines. 2,042,827; June 2.
- Briggs, Howland F., Buffalo, N. Y., assignor to Consolidated Packaging Machinery Corporation. Sewing machine. 2,043,149; June 2.
- Briggs, Howland F., Buffalo, assignor to Bagpak, Inc., New York, N. Y. Bag filling machine. 2,054,279; Sept. 15.
- Briggs, Howland F., Buffalo, and R. N. Cundall, Lackawanna, assignors to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Sewing machine. 2,065,885; Dec. 29.
- Briggs, James F. S., Whangarei, New Zealand. Thermostatically controlled electric switch. 2,061,346; Nov. 17.
- Briggs, Joseph A., Erlton, N. J., assignor to Radio Corporation of America. Television apparatus. 2,056,247; Oct. 6.
- Briggs, Joseph A., Erlton, N. J., assignor to Radio Corporation of America. Telephone. 2,060,607; Nov. 10.
- Briggs, Joseph A., Erlton, N. J., assignor to Radio Corporation of America. Speed control device. 2,064,779; Dec. 15.
- Briggs Manufacturing Company. (See Ball, Albert P., assignor.)
- Briggs Manufacturing Company. (See Fryer, Donald A., assignor.)
- Briggs Manufacturing Company. (See Graf, Vincent J., assignor.)
- Briggs Manufacturing Company. (See Lundberg, Everett E., assignor.)
- Briggs Manufacturing Company. (See Marshall, William, assignor.)
- Briggs Manufacturing Company. (See Richardson, Frederick G., assignor.)
- Briggs Manufacturing Company. (See Ross, F. N., and Johnson, assignors.)
- Briggs Manufacturing Company. (See Tjaarda, John, assignor.)
- Briggs, Orville B., and A. L. Lamb, assignors to Safety Belt-Lacer Company, Toledo, Ohio. Machine for applying belt fasteners. 2,043,576; June 9.
- Briggs, Orville B., and A. L. Lamb, Toledo, Ohio. Belt lacer. 2,058,767; Oct. 27.
- Briggs, Richard M. (See Staud, C. J., and Briggs.)
- Briggs, Robert W., Pharr, Tex. Concrete spreading machine. 2,032,736; Mar. 3.
- Briggs, Robert W., Pharr, Tex. Tool for packing material against the inner wall of a tubular member. 2,050,645; Aug. 11.
- Briggs, Southwick W., and C. G. Gilbert, Washington, D. C. Oil filtering element and making the same. 2,057,414; Oct. 13.
- Briggs, Stephen F., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,059,678; Nov. 3.
- Briggs & Stratton Corporation. (See Briggs, Stephen F., assignor.)
- Briggs & Stratton Corporation. (See Fitz Gerald, John W., assignor.)
- Briggs & Stratton Corporation. (See Griffith, Raymond W., assignor.)
- Briggs & Stratton Corporation. (See Jacobi, Edward N., assignor.)
- Briggs & Stratton Corporation. (See Mack, Perry E., assignor.)
- Briggs & Stratton Corporation. (See Robner, Hugo G., assignor.)
- Briggs & Stratton Corporation. (See Zygmunt, Conrad, assignor.)
- Brigham, Edmund H. (See Stover, O. H., and Brigham.)
- Bright, Charles G., Appleton, assignor to Paper Patents Company, Neenah, Wis. Apparatus for printing and embossing in register. 2,054,313; Sept. 15.
- Bright, Frank G., St. Jean, Quebec, Canada, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Coloring wood veneers and the like. 2,042,825; June 2.
- Bright, Frank G., St. Jean, Quebec, Canada, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Treating wood. 2,042,826; June 2.
- Bright, George B., Detroit, Mich., and M. H. Olstad, Bay-side, assignors to Niagara Blower Company, Buffalo, N. Y. Cooler. 2,040,828; May 19.
- Bright, Incorporated. (See Bright, Martin C., assignor.)
- Bright, Martin C., assignor to Bright, Incorporated, Indianapolis, Ind. Miner's separating apparatus. 2,039,291; May 5.
- Bright Star Battery Company. (See Corigliano, P., and Platzman, assignors.)
- Brill, Eugen, Berlin, Germany. Composition for making dental fillings. 2,035,140; Mar. 24.
- Brill, J. G., Company. (See Latshaw, Elmer, assignor.)
- Brill, J. G., Company, The. (See Martin, Marvin G., assignor.)
- Brill, Willem G. (See de Ridder, J., and Brill.)



- Brillhart, George A., Indianapolis, Ind. Golf ball scrubber. 2,031,633; Feb. 25.
- Brin, Morris, assignor to E. L. Millet, Chicago, Ill. Cap remover. 2,062,976; Dec. 1.
- Brinckerhoff, Frank M. (See Hulse, G. E., and Brinckerhoff.)
- Briney, Ottis R., Pontiac, Mich. Rotating and locating articles for machining thereof. 2,059,723; Nov. 3.
- Briney, Ralph, New York, N. Y. Station indicator. 2,048,176; July 21.
- Bringe, Walter A. (See Albrecht, John H., assignor.)
- Brinker, Frederic A., Denver, Colo. Flotation of copper sulphides with nickel activators. 2,035,458; Mar. 31.
- Brinker, Frederic A., Denver, Colo. Froth flotation treatment of ores. 2,048,369; July 21.
- Brinker, Frederic A., Denver, Colo. Froth flotation ore separation. 2,048,370; July 21.
- Brinker, Frederic A., Denver, Colo. Differential froth flotation. 2,052,214; Aug. 25.
- Brinker, Frederic A., Denver, Colo. Mineral flotation. 2,052,274; Aug. 25.
- Brinker, George C., Greensburg, Pa. Spark plug. 2,028,896; Jan. 28.
- Brinkerhoff, Clarence, Denver, Colo. Handbag. 2,053,599; Sept. 8.
- Brinkley, Edward L., Dover, N. C. Tobacco barn. 2,060,002; Nov. 10.
- Brinkman, Carl A., Euclid, assignor to Seaver-Brinkman-Gerstenberger, Inc., Cleveland, Ohio. Holding device. 2,027,667; Jan. 14.
- Brinkman, Carl F., Milwaukee, Wis. Sports kit. 2,057,933; Oct. 20.
- Brinkman, Earl W., assignor to Davenport Machine Tool Co. Incorporated, Rochester, N. Y. Feed finger for screw machines and the like. 2,035,942; Mar. 31.
- Brinkman, Louis H., Glen Ridge Borough, N. J. Corrugating machine. 2,027,018; Jan. 7.
- Brinkman, Louis H., Glen Ridge, N. J. Tube and rod hardening and straightening apparatus and method. 2,056,155; Oct. 6.
- Brinkmann, Guenther. (See La Bombard, L. E., and Brinkmann, assignors.)
- Brinton, Christian H., Oak Park, Ill., assignor to Standard Cap and Seal Corporation, Chicago, Ill. Cap feeding device. 2,053,763; Sept. 8.
- Brinton, Christian H., Oak Park, assignor to Standard Cap and Seal Corporation, Chicago, Ill. Cap applying machine. 2,056,120; Sept. 29.
- Brinton, H., Company. (See Aaronson, Harry B., assignor.)
- Brinton, H., Company. (See Ames, Elmer U., assignor.)
- Brinton, H., Company. (See Gorman, William D., assignor.)
- Brinton, Thomas E., Waukegan, Ill. Piston expander. 2,054,357; Sept. 15.
- Briod, André E., Newark, assignor to National Oil Products Company, Harrison, N. J. Controlling the oxidation of certain organic compounds and the products produced thereby. 2,050,689; Aug. 11.
- Briody, Bernard C., assignor to Truscon Steel Company, Youngstown, Ohio. Tie rod holding stake. 2,046,303; June 30.
- Brisacher, Hugo, Rutherford, N. J., assignor to Kieley & Mueller, Inc., New York, N. Y. Valve controlling means. 2,060,723; Nov. 10.
- Brisbois, Odilon, Chicago, Ill., assignor to W. P. Worth, deceased, Chicago, Ill.; M. E. Worth, executrix of W. P. Worth. Starter mechanism. 2,060,769; Nov. 10.
- Briscoe, James. (See Beck, R., and Briscoe.)
- Briscoe, James W., Santa Barbara, Calif. Concrete block. 2,044,051; June 16.
- Brisendine, Guy F., assignor to The Schooley Printing and Stationery Company, Kansas City, Mo. Binding a plurality of sheets. 2,065,324; Dec. 22.
- Briskin, Samuel, Chicago, Ill., assignor to Exsel Auto Radiator Company. Heat exchange device. 2,040,917; May 19.
- Briskman, Samuel. (See Weidauer, Curtis, assignor.)
- Brister, William, Columbus, Ohio, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and method of shoemaking. 2,055,478; Sept. 29.
- Bristol, Carlton W., Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Telemetering device. 2,040,918; May 19.
- Bristol, Chester L., and W. C. Chancellor, Elyria, Ohio, assignors to National Tube Company. Measuring device. 2,056,913; Oct. 6.
- Bristol Company, The. (See Abbott, O. C., and Faust, assignors.)
- Bristol Company, The. (See Bristol, Carlton W., assignor.)
- Bristol Company, The. (See Hunt, Ozro H., assignor.)
- Bristol Company, The. (See Kerr, William J., assignor.)
- Bristol Company, The. (See Kerr, W. J., and Miller, assignors.)
- Bristol Company, The. (See Koester, Herman, assignor.)
- Bristol Company, The. (See Noble, Alphonso, assignor.)
- Bristol, Cyrus J., assignor to Globe Machinery & Supply Company, Des Moines, Iowa. Wheel holder. 2,065,644; Dec. 29.
- Bristol, Edward S., assignor to Leeds & Northrup Company, Philadelphia, Pa. Combustion control system. 2,053,061; Sept. 1.
- Bristol Tramways & Carriage Company Limited, The. (See Nevatt, Christopher G., assignor.)
- Bristol Tramways & Carriage Company Limited, The. (See Redrup, Charles B., assignor.)
- Bristow, Barnard C., San Francisco, Calif. Piston ring and assembly therefor. 2,052,077; Aug. 25.
- Bristow, Francis G., Sydney, New South Wales, Australia. Adapter plate for applying pressure to forks for shearing machines. 2,042,295; May 26.
- Bristow, Harry L., assignor of one-fifth to C. G. Griffith, and one-fifth to H. J. Van Duyn, Newark, N. J. Locking device for brake pedals. 2,066,091; Dec. 29.
- Bristow, Paul W., assignor to Standard-Trump Bros. Machine Company, Laconia, N. H. Knitting method and machine. 2,063,026; Dec. 8.
- Britigan, Robert, Corporation, The. (See Hogan, George L., assignor.)
- Britigan, Robert, Corporation, The. (See Wolkenbauer, Gustav, assignor.)
- British Adding and Calculating Machines Limited. (See Ball, William, assignor.)
- British Cast Iron Research Association, The. (See Norbury, A. L., and Morgan, assignors.)
- British Cotton Industry Research Association, The. (See Williams, T. C., and Shorter, assignors.)
- British Emulsifiers Limited. (See Bannister, Albert R., assignor.)
- British Emulsifiers Limited. (See Bannister, A. R., and Day, assignors.)
- British Radio Corporation Limited, The. (See Bunting, Reginald S., assignor.)
- British Smoke Eliminator Limited. (See Garvie, James, assignor.)
- British Steel Piling Company, The. (See Wilcox, Duncan M., assignor.)
- British-Geco Engineering Company. (See Callow, John M., assignor.)
- Britsch, Otto C., Woodhaven, assignor to H. Hyman, Brooklyn, N. Y. Combined flashlight and lighter. 2,066,028; Dec. 29.
- Brittain, Harold A., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Pneumatic tire. 2,056,131; Sept. 29.
- Brittain, Richard J., Jr., Newark, and J. C. Bell, Lyndhurst, N. J., assignors to General Motors Corporation, Detroit, Mich. Gauging machine. 2,030,237; Feb. 11.
- Brittingham, James S., Mountain Home, Tenn. Automatic valve. 2,052,275; Aug. 25.
- Britton, Edgar C. (See Putnam, M. E., Britton, and Perkins.)
- Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Liquid organo derivatives of phosphoric acid. 2,033,918; Mar. 17.
- Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Synthetic lubricant and making same. 2,051,404; Aug. 18.
- Britton, Edgar C., Midland, Mich., and L. F. Martin, New Orleans, La., assignors to The Dow Chemical Company, Midland, Mich. Cumyl phenol. 2,028,043; Jan. 14.
- Britton, Edgar C., and G. H. Coleman, assignors to The Dow Chemical Company, Midland, Mich. Production of beta-chloro-alkyl esters of aliphatic acids. 2,038,074; Apr. 21.
- Britton, Edgar C., R. P. Perkins, and J. T. Lundquist, assignors to The Dow Chemical Company, Midland, Mich. Preparation of aryl-mercuric nitrates and a product thereof. 2,040,765; May 12.
- Britton, Edgar C., and A. J. Dietzler, assignors to The Dow Chemical Company, Midland, Mich. 5-tertiary-butyl-1-mercapto-benzo-thiazole and making same. 2,042,205; May 26.
- Britton, Edgar C., and H. S. Nutting, assignors to The Dow Chemical Company, Midland, Mich. 1, 3-diamino-2-methyl propanol-2. 2,048,990; July 28.
- Britton, Edgar C., and H. R. Slagh, assignors to The Dow Chemical Company, Midland, Mich. Preparation of phenyl-magnesium chloride. 2,056,822; Oct. 6.
- Britton, Edgar C., and L. Heindel, Midland, Mich., and F. Bryner, Yreka, Calif., assignors to The Dow Chemical Company, Midland, Mich. Amino derivatives of aromatic ketones and making same. 2,063,868; Dec. 8.
- Britton, Harry C. (See Hayes, J. W., and Britton.)
- Brixmesh Corporation. (See Schnurer, Octave, assignor.)
- Brizard, Maxime J., San Francisco, Calif. Metallic coating recovering device. 2,031,030; Feb. 18.
- Brizzolara, Alfred A., New York, N. Y., E. L. Duhring, Plainfield, and A. M. Erskine, Chatham, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Dispersible carbon black. 2,062,159; Nov. 24.
- Broadbent, Birdsall H., Shaker Heights, Ohio. Measuring and recording apparatus. 2,032,833; Mar. 3.
- Broadley, Joseph, Fair Oaks, Calif. Swivel hose coupling. 2,044,052; June 16.
- Broadmeyer, Albert, assignor to W. O. Hickok Manufacturing Company, Harrisburg, Pa. Ruling machine. 2,034,648; Mar. 17.
- Broadmeyer, Albert, assignor to W. O. Hickok Manufacturing Company, Harrisburg, Pa. Sheet feeding or transferring apparatus. 2,052,526; Aug. 25.
- Broadmeyer, Albert, assignor to W. O. Hickok Manufacturing Company, Harrisburg, Pa. Sheet feeding apparatus. 2,065,487; Dec. 22.
- Broadwater, Charles C. (See Cornell, M., and Curtis, assignors.)



- Broadway, Leonard F., Ealing, London, and W. F. Tedham, Abby Wood, London, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Cathode ray tube. 2,058,293; Oct. 20.
- Broadwell, Howard, Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control regulator. 2,058,561; Oct. 27.
- Broadwell, William C., Mill Valley, Calif. Button element. 2,027,513; Jan. 14.
- Broback, Juel I., Westfield, and G. J. Martin, Denville, N. J. Construction material. 2,065,045; Dec. 22.
- Broberg, Georg K. J., Rasunda, S. W. Wallin, Kallstugan, Taby, and G. A. Wessen, Stockholm, Sweden. Camp bedstead. 2,043,854; June 9.
- Brobst, Charles K., Hamburg, Pa. Adjustable automobile seat. 2,050,420; Aug. 11.
- Broche, Hans. (See Pott, A., Broche, and Ehrmann.)
- Brock, Clarence A., assignor, by mesne assignments, to Rexair Corporation, Detroit, Mich. Nozzle for vacuum cleaners. 2,035,688; Mar. 31.
- Brock, Clarence A., assignor, by mesne assignments, to Rexair Corporation, Detroit, Mich. Vacuum cleaner. 2,060,168; Nov. 10.
- Brock, Daniel F. (See Brock, George E., D. F., and R. E.)
- Brock, George E., D. F., and R. E., Simcoe, Ontario, Canada. Trenching plow. 2,055,194; Sept. 22.
- Brock, Nicholas V. D., Santa Ana, Calif. Dispensing apparatus for charged beverages. 2,030,569; Feb. 11.
- Brock, Oral A., Peoria, Ill. Dirt set corner post. 2,044,053; June 16.
- Brock, Richard E., Tarentum, and E. T. Peterson, Reading, Pa. Pipe straightening machine. 2,049,992; Aug. 4.
- Brock, Robert E. (See Brock, George E., D. F., and R. E.)
- Brockenbrough, William M., and H. S. Norris, Savannah, Ga., assignors to Evans Products Company. Container. 2,052,750; Sept. 1.
- Brockman, Charles J., Athens, Ga. Electrodepositing metals. 2,048,594; July 21.
- Brockman, Edwin, assignor of one-half to H. M. Kaercher, Buffalo, N. Y. Pneumatic suspension for vehicles. 2,050,157; Aug. 4.
- Brockman, Oscar, Louisville, Ky. Resilient heel. 2,048,683; July 28.
- Brockman, Robert T., assignor to Burroughs Adding Machine Company, Detroit, Mich. Power operated typewriter. 2,034,387; Mar. 17.
- Brockway, Carl P., Paramus, N. J., assignor to National Television Corporation, Wilmington, Del. Discharge lamp. 2,056,953; Oct. 13.
- Brockway, Charles L., Chicago, Ill. Keeper. 2,034,971; Mar. 24.
- Brodbeck, Almer H. (See Stockstrom, A., and Brodbeck.)
- Broder, Simon, Washington, D. C. Thermometer. 2,045,693; June 30.
- Broderick, Frederick C., Winnetka, Ill. Combined water heater and circulating unit. 2,038,982; Apr. 28.
- Broderick, Frederick C., Winnetka, Ill. Combined pressure and temperature control for steam heating systems. 2,049,288; July 28.
- Broderick, Sylvester J., and E. H. Brown, Yellow Springs, Ohio, assignors to Bethlehem Mines Corporation. Preferential sulphatization of complex ores. 2,036,015; Mar. 31.
- Broders, Claude E., assignor to Govro-Nelson Company, Detroit, Mich. Automatic feed head. 2,053,514; Sept. 8.
- Brodersen, Karl, Dessau in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Mercerizing. 2,064,883; Dec. 22.
- Brodersen, Karl and H. Behncke, Dessau-in-Anhalt, and E. Korten, Frankfurt-on-the-Main, Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Manufacture of para-cyclohexylphenols. 2,028,271; Jan. 21.
- Broderon, Henry J., Galveston, Tex., assignor to Standard Oil Company. Cracking hydrocarbon oils. 2,058,768; Oct. 27.
- Brodin, Carl F., Stockholm, Sweden. Apparatus for pressing and dehydrating fibrous materials. 2,038,712; Apr. 28.
- Brodin, Eric C., Jenkintown, assignor to S K F Industries, Inc., Philadelphia, Pa. Cage for antifriction bearings. 2,044,663; June 16.
- Brodsky, Frank, Staten Island, N. Y. Mounting strip for cards and the like. 2,051,677; Aug. 18.
- Brodsky, Harry, Philadelphia, Pa. Match. 2,056,768; Oct. 6.
- Brodsky, Milton. (See Goeltz, W. L., and Brodsky.)
- Brodth, Mercedes K., Lakewood, Ohio. Pad and cover. 2,026,961; Jan. 7.
- Brody, Emmerich, Budapest, and T. Millner, Ujpest, Hungary, assignors, by mesne assignments, to General Electric Company. Electric lamp. 2,060,657; Nov. 10.
- Brody, Samuel C. (See Lenk, David A., assignor.)
- Brody, Samuel C., Brighton, Mass. Automatic blast torch. 2,038,411; Apr. 21.
- Brody, Samuel C., Brighton, Mass. Support and dispensing device. 2,045,941; June 30.
- Brody, Samuel C., Brighton, Mass. Support. 2,045,942; June 30.
- Brody, Samuel C., Brighton, Mass. Automatic blast torch. 2,052,276; Aug. 25.
- Brody, Solomon, assignor of one-fourth to H. Pearlman, one-fourth to M. Golub, and one-fourth to A. Brow-sky, Brooklyn, N. Y. Plug connector with interchangeable fuses. 2,063,723; Dec. 8.
- Broeg, William E., Peoria, Ill. Baking pan. 2,058,662; Oct. 27.
- Broeren, Frank L., Menasha, assignor to Marathon Paper Mills Company, Rothschild, Wis. Paper dispenser. 2,027,668; Jan. 14.
- Broeren, Frank L., Menasha, assignor to Marathon Paper Mills Company, Rothschild, Wis. Paper dispenser. 2,027,669; Jan. 14.
- Broeren, Frank L., Menasha, assignor to Marathon Paper Mills Company, Rothschild, Wis. Paper dispenser. 2,027,670; Jan. 14.
- Broeren, Frank L., Menasha, assignor to Marathon Paper Mills Company, Rothschild, Wis. Paper dispenser. 2,027,671; Jan. 14.
- Broeren, Frank L., Menasha, assignor to Marathon Paper Mills Company, Rothschild, Wis. Portable dispenser for sheets. 2,027,672; Jan. 14.
- Broeren, Frank L., Menasha, assignor to Marathon Paper Mills Company, Rothschild, Wis. Paper dispenser. 2,027,673; Jan. 14.
- Broeren, Frank L., Menasha, assignor to Marathon Paper Mills Company, Rothschild, Wis. Dispenser for folded sheets. 2,027,674; Jan. 14.
- Brogan, Byard F., Philadelphia, Pa. Clasp for string jewelry. 2,051,591; Aug. 18.
- Brogan, James A., Lawrence, Mass. Foot massaging device. 2,037,495; Apr. 14.
- Brogan, Patrick J. (See Van Vliet, J., and Brogan.)
- Brogden, Ernest M., Pomona, Calif., assignor to Brogdex Company, Winter Haven, Fla. Apparatus for treating fruit and the like. 2,039,280; May 5.
- Brogden, Ronald R., Pomona, Calif., assignor to Brogdex Company, Winter Haven, Fla. Transporting and/or storing articles in unit containers. 2,064,518; Dec. 15.
- Brogdex Company. (See Brogden, Ernest M., assignor.)
- Brogdex Company. (See Brogden, Ronald R., assignor.)
- Brogdex Company. (See Burwick, Lloyd W., assignor.)
- Brogden, John C., and H. G. Cunningham, Atlanta, Ga. Electric cooking device. 2,052,919; Sept. 1.
- Brogen, Axel V., Detroit, Mich. Window operating mechanism. 2,045,694; June 30.
- Brokaw, Edward A., and W. H. Noelting, assignors to Faultless Caster Corporation, Evansville, Ind. Caster socket. 2,052,538; Aug. 25.
- Brökel, Otto, Hamburg, Germany. Carburetor. 2,062,496; Dec. 1.
- Bromage, Irl R., assignor to Union City Body Company, Union City, Ind. Chair seat. 2,063,836; Dec. 8.
- Bromig, Karl, assignor to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Stabilizing chlorinated rubber. 2,036,997; Apr. 14.
- Bromig, Karl, assignor to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Obtaining chlorinated rubber from its solutions. 2,049,943; Aug. 4.
- Bromley, Mellor, and Company Limited. (See Bromley, T. C., and Helliwell, assignors.)
- Bromley, Thomas C., and G. S. Helliwell, assignors to Mellor Bromley and Company Limited, Leicester, England. Knot-tying device. 2,053,062; Sept. 1.
- Bromwell Wire Goods Company, The. (See Melish, Thomas G., assignor.)
- Bronander, Wilhelm B., Montclair, N. J. Machine or apparatus for use on railway tracks. 2,037,701; Apr. 21.
- Bronander, Wilhelm B., Montclair, N. J. Wrapping machine. 2,050,268; Aug. 11.
- Bronander, Wilhelm B., Montclair, N. J. Variable speed driving mechanism. 2,054,802; Sept. 22.
- Bronander, Wilhelm B., Montclair, N. J., assignor to The Safety Car Heating & Lighting Company, New Haven, Conn. Internal combustion engine. 2,065,046; Dec. 22.
- Bronaugh, Lewis J., and T. I. Potter, Portland, Oreg., said Bronaugh assignor to said Potter. Refrigerator. 2,056,165; Oct. 6.
- Bronsell, William F., Edna, Tex. Pipe patching device. 2,046,766; July 7.
- Bronson, Adelbert E., Shaker Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem. 2,038,473; Apr. 21.
- Bronson, Carlos E., assignor to Kewanee Boiler Corporation, Kewanee, Ill. Submerged water heater for boilers. 2,049,153; July 28.
- Bronson, George E., Beacon Falls, assignor to The American Brass Company, Waterbury, Conn. Flexible hose support. 2,034,558; Mar. 17.
- Bronson Reel Company. (See Schafer, John V., assignor.)
- Bronstien, Edward L., St. Paul, Minn. Border for mattress inner spring units. 2,065,423; Dec. 22.
- Bronze Die Casting Company. (See Gerber, John L., assignor.)
- Brooke, Harold L. (See Jandus, H. S., and Brooke.)
- Brooker, Leslie G. S., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic emulsions containing 7-alkyl-thio iso- and pseudo-cyanines. 2,060,023; Nov. 10.
- Brooker, Leslie G. S., and F. L. White, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Preparation of carbocyanine dyes. 2,058,406; Oct. 27.



- Brookes, Alfred. (See Rossiter, E. C., and Brookes, assignors.)
- Brookey, Andrew C., Mount Morris, Mich. Reversible name plate and holder. 2,027,086; Jan. 7.
- Brookins, William L., Buffalo, and H. W. Jones, Williams-ville, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Butt welding. 2,047,306; July 14.
- Brooks, Arthur E., Nutley, N. J., assignor to United States Rubber Products, Inc., New York, N. Y. Plastic compositions and articles made therefrom. 2,042,923; June 2.
- Brooks, Arthur M. (See Rafton, H. R., and Brooks.)
- Brooks, Arthur M., and H. R. Rafton, Andover, Mass., assignors to Raffold Process Corporation. Pigment manufacture. 2,062,255; Nov. 24.
- Brooks, Arthur M., and H. R. Rafton, Andover, Mass., assignors to Raffold Process Corporation. Pigment manufacture. 2,066,066; Dec. 29.
- Brooks, Arthur W. (See Wright, Harold A., assignor.)
- Brooks, Benjamin L., Lynchburg, Va., assignor of one-half to R. J. Rothstein, Washington, D. C. Artificial tooth construction. 2,054,781; Sept. 15.
- Brooks, Benjamin T., Greenwich, Conn., assignor, by mesne assignments, to Standard Alcohol Company, Wilmington, Del. Sulphating mixtures of olefines. 2,058,851; Oct. 27.
- Brooks, Byron B. (See Sorensen, Einar N., assignor.)
- Brooks, Charles. (See Stenger, Francis J., assignor.)
- Brooks, Charles A. (See Allen, E. M., and Brooks.)
- Brooks, Charles A., Forest Hills, N. Y., assignor to The Union Switch & Signal Company, Swissvale, Pa. Rail-way traffic controlling apparatus. 2,062,048; Nov. 24.
- Brooks, Charles B., Masontown, Pa. Coin selector and re-jector. 2,045,976; June 30.
- Brooks, Charles E., Oakland, Calif. Tie stay. 2,049,993; Aug. 4.
- Brooks, Clarence W., Jr., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Black powder composition. 2,030,096; Feb. 11.
- Brooks, Clarence W., Jr., Woodbury, N. J., and C. R. John-son, West Chester, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cohesive low density pellets and process of controlled drying. 2,062,636; Dec. 1.
- Brooks, Frank E. (See Hayenga, J. A., and Brooks.)
- Brooks, George W., Kansas City, Kans. Apparatus for hospital beds. 2,050,269; Aug. 11.
- Brooks, George W., La Grange, assignor to The S. O. S. Company, Chicago, Ill. Metal wool body and making same. 2,060,010; Nov. 10.
- Brooks, Harry E. (See Reeves, P. B., and Brooks.)
- Brooks, Henry, Forest Junction, Wis. Potato planter. 2,032,251; Feb. 25.
- Brooks, Henry M., trustee et al. (See Peltz, Gordon M., assignor.)
- Brooks, John C., Longmeadow, assignor to The Fiberloid Corporation, Indian Orchard, Mass. Safety barrier. 2,047,253; July 14.
- Brooks, Lester M., Seattle, Wash., assignor to Weco Manufacturing Company. Driving connection. 2,061,827; Nov. 24.
- Brooks, Paul J., Lakewood, assignor to The Hankins Container Company, Cleveland, Ohio. Container. 2,064,191; Dec. 15.
- Brooks, Percy C. (See Schneider, H., and Brooks.)
- Brooks, Ralph R., and N. H. Wilby, Wilksburg, and B. O. Austin, Forest Hills, Pa., assignor to Westinghouse Electric and Manufacturing Company. Automatic con-trol system. 2,044,149; June 16.
- Brooks, Raymond K., Unionville, Conn., assignor to Chas. W. House & Sons. Polishing roll. 2,039,677; May 5.
- Brooks, Robert A., Chicago, Ill. Siphon breaker for water closets. 2,034,173; Mar. 17.
- Brooks, Samuel M., Merchantville, assignor to Warren Webster & Company, Camden, N. J. Heating system and apparatus. 2,041,282; May 19.
- Brooks, Walter C., Groveland, and J. W. Staples, assignors to Pope Machinery Corporation, Haverhill, Mass. Heel concaving machine. 2,065,645; Dec. 29.
- Brooks, William C., et al. (See Beckett, Kenneth C., as-signor.)
- Brooks, William H., and F. M. Taylor, Birmingham, Ala. Aging lime putty. 2,041,813; May 26.
- Broome, Woody E., Myton, Utah. Gravity sand and gravel spreader. 2,059,548; Nov. 3.
- Brosh, George J. (See Brosh, Orce F. and G. J.)
- Brosh, Orce F. and G. J., Norway, Iowa. Embalming apparatus. 2,060,925; Nov. 17.
- Brosius, Edgar E., Pittsburgh, Pa. Mud gun. 2,062,860; Dec. 1.
- Brosius, Edgar E., Pittsburgh, Pa. Mud gun. 2,065,647; Dec. 29.
- Brostrom, Charles G., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-seat fitting machine. 2,034,742; Mar. 24.
- Brostrom, Charles G., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for roughing shoe parts. 2,040,829; May 19.
- Brostrom, Charles G., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe roughing machine. 2,043,369; June 9.
- Brostrom, Charles G., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 2,044,054; June 16.
- Brostrom, Charles G., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 2,053,320; Sept. 8.
- Brother, George H., Marblehead, assignor to Boston Black-ing & Chemical Co., Boston, Mass. Thread-treating com-position and method. 2,033,120; Mar. 10.
- Brotz, Frank G., Kohler, Wis. Lavatory waste and fit-ting. 2,032,525; Mar. 3.
- Brough Nicholson & Hall Limited. (See Sutton, Gerald J., assignor.)
- Broughton-Edge, Arthur B., London, England. Determin-ing the nature of the subsoil. 2,035,943; Mar. 31.
- Brouhiet, Georges, Paris, France. Rigid motor car frame. 2,027,898; Jan. 14.
- Brouhiet, Georges, Paris, France. Suspension device for automobiles. 2,032,975; Mar. 3.
- Brouhiet, Georges, Paris, France. Rigid motor carriage frame. 2,033,813; Mar. 10.
- Brouhiet, Georges, Paris, France. Elastic suspension de-vice for vehicles. 2,059,434; Nov. 3.
- Broun, Archibald C., assignor to Marjorie Wilkinson, Cook, Minn. Measuring dispenser. 2,037,694; Apr. 21.
- Broun, Charles C., et al. (See Sampson, Irving F., as-signor.)
- Broun, Chas. M., et al. (See Sampson, Irving F., as-signor.)
- Brous, Samuel L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making vinyl chloride. 2,041,814; May 26.
- Brouse, William H. D., Toronto, Ontario, Canada. Tray release mechanism for refrigerator freezing units. 2,036,564; Apr. 7.
- Brouse, William H. D., Toronto, Ontario, Canada. Refrig-eration device. 2,036,565; Apr. 7.
- Brouse, William H. D., Toronto, Ontario, assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Fluid dispensing device. 2,040,815; May 12.
- Brousseau, George F., Braintree, and H. D. Ferris, Newton Center, assignors to Hood Rubber Company, Inc. Water-town, Mass. Apparatus for extruding plastic material. 2,028,044; Jan. 14.
- Brouwer, Benjamin W., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shipping and braking mechanism for looms. 2,055,228; Sept. 22.
- Brouwer, Benjamin W., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shipping and braking mechanism for looms. 2,055,229; Sept. 22.
- Browall, Bert H., assignor to Svenska Aktiebolaget Broms-regulator, Malmö, Sweden. Variable leverage mecha-nism for vehicle brakes. 2,042,649; June 2.
- Browall, Bert H., assignor to Svenska Aktiebolaget Broms-regulator, Malmö, Sweden. Automatic slack adjuster. 2,062,497; Dec. 1.
- Browder, Lewis M., East Columbus, Ohio. Battery cut out and safety lock. 2,043,880; June 9.
- Brower, Paul V., Maywood, Ill., assignor to Ditto, In-corporated. Transfer process. 2,040,075; May 12.
- Brower, William M., Palo Alto, assignor to Stanford Prod-ucts, Ltd., San Francisco, Calif. Electric clock. 2,050,827; Aug. 11.
- Brown, Alexander H., Jr., Brooklyn, assignor, by mesne assignments, to Transit Research Corporation, New York, N. Y. Rim construction. 2,033,876; Mar. 10.
- Brown, Allen L., Sioux City, Iowa, assignor to W. Pease, Chicago, Ill. Latch. 2,033,104; Mar. 3.
- Brown, Arlie M., Knoxville, Tenn. Heating system. 2,041,815; May 26.
- Brown, Arthur B., Hammond, Ind., and F. F. Diwokey, Chicago, Ill., assignors to Standard Oil Company, Chicago, Ill. Solvent extraction of oils. 2,064,338; Dec. 15.
- Brown, Arthur G., Manchester, England, assignor to F. C. Colby, Brooklyn, N. Y. Heating apparatus and method of heating. 2,058,769; Oct. 27.
- Brown, Arthur J. S., Bromley, assignor to J. Stone & Company Limited, Deptford, England. Carbon pile regu-lator. 2,052,078; Aug. 25.
- Brown, Arthur M., Ellwood City, Pa. Woodworking tool. 2,049,685; Aug. 4.
- Brown, Arthur W. (See Lindquist, D. E., Brown, and Whybrew.)
- Brown, Augustus C., 3d., assignor to Sargent & Greenleaf, Inc., Rochester, N. Y. Lock mechanism. 2,035,526; Mar. 31.
- Brown Bag Filling Machine Company, The. (See Chand-ler, Austin S., assignor.)
- Brown Bag Filling Machine Company, The. (See Green-law, Burpee D., assignor.)
- Brown Bag Filling Machine Company, The. (See Lidberg, J. A., and Chandler, assignors.)
- Brown & Bailey Company. (See Keppler, Albert B., as-signor.)
- Brown, Bernard A., C. H. Kindl, and R. C. Kestle, assignors to Delco Products Division of General Motors Corporation, Dayton, Ohio. Control device. 2,041,161; May 19.
- Brown & Bigelow. (See Trollden, Martin E., assignor.)
- Brown, Carl A., Chardon, and C. E. Hahn, Cleveland Heights, Ohio, assignors to General Electric Company. Method of and apparatus for shaping glass. 2,060,658; Nov. 10.
- Brown, Carl A., Chardon, and C. E. Hahn, Cleveland Heights, Ohio, assignors to General Electric Company. Machine for blowing bulbs. 2,060,659; Nov. 10.



- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Loom protection mechanism. 2,028,731; Jan. 21.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Shuttle check. 2,028,732; Jan. 21.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Shedding mechanism for looms. 2,042,422; May 26.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Selvage trimming mechanism. 2,046,286; June 30.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Let-off mechanism for looms. 2,058,127; Oct. 20.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Shuttle change loom. 2,061,828; Nov. 24.
- Brown, Carl E., Columbus, Ohio. Foot power bath appliance. 2,033,023; Mar. 3.
- Brown, Carl E., Columbus, Ohio. Chin operated alarm device. 2,066,092; Dec. 29.
- Brown, Carl S., Hutchinson, Kans. Sacker apparatus. 2,041,224; May 19.
- Brown, Caroline, New York, N. Y. Foundation garment. 2,052,163; Aug. 25.
- Brown, Caxton. (See Gerstle, John, assignor.)
- Brown, Chalmers S., Lima, Ohio. Sewage regulator. 2,062,390; Dec. 1.
- Brown, Charles B. (See Brown, Charles H. and C. B.)
- Brown, Charles F. (See Muir, A. R., and Brown.)
- Brown, Charles H., Brooklyn, N. Y., assignor to Radio Corporation of America. Protective circuit. 2,064,192; Dec. 15.
- Brown, Charles H. and C. B., Flushing, N. Y. Insole filler for shoes. 2,051,072; Aug. 18.
- Brown, Charles H. and C. B., Flushing, N. Y. Shank stiffener for shoes. 2,053,420; Sept. 8.
- Brown, Charles O., Rye, N. Y., assignor, by mesne assignments, to Chemical Construction Corporation. Gauze. 2,049,246; July 28.
- Brown, Charles R., Schenectady, N. Y., assignor to General Electric Company. Electric switchgear. 2,049,350; July 28.
- Brown, Charles S., Syracuse, N. Y. Piston. 2,028,822; Jan. 28.
- Brown, Charles S., Syracuse, N. Y. Starting apparatus for internal combustion engines. 2,053,321; Sept. 8.
- Brown, Charles S., Syracuse, N. Y. Cylinder construction for air cooled internal combustion engines. 2,062,391; Dec. 1.
- Brown, Charles S., Syracuse, N. Y. Cylinder construction for air cooled engines. 2,062,392; Dec. 1.
- Brown, Charles S., Syracuse, N. Y. Cylinder construction for air cooled engines. 2,062,393; Dec. 1.
- Brown, Charles S., Syracuse, N. Y. Cylinder block for air cooled internal combustion engines. 2,062,394; Dec. 1.
- Brown, Charles S., Syracuse, N. Y. Fence post construction. 2,065,562; Dec. 29.
- Brown, Charles S., and T. A. Delaney, Syracuse, N. Y. Fence construction. 2,039,879; May 5.
- Brown, Charles C., Ponca City, S. N. Van Wert, and A. Arutunoff, assignors to Reda Pump Company, Bartlesville, Okla. Raising fluid from deep oil and water wells. 2,032,000; Feb. 25.
- Brown, Clarence J., Chicago, Ill. Vehicle headlight. 2,051,466; Aug. 18.
- Brown Company. (See Burke, E., and Sherman, assignors.)
- Brown Company. (See Moore, Hugh K., assignor.)
- Brown Company. (See Richter, George A., assignor.)
- Brown Company. (See Richter, G. A., and McKinney, assignors.)
- Brown Company. (See Richter, G. A., and Schur, assignors.)
- Brown Company. (See Richter, G. A., Vannah, and McMurtrie, assignors.)
- Brown Company. (See Richter, G. A., Vannah, and Rasch, assignors.)
- Brown Company. (See Schur, Milton O., assignor.)
- Brown Company. (See Schur, M. O., and Hearn, assignors.)
- Brown Company. (See Sherman, John C., assignor.)
- Brown Company. (See Sweet, Harry, assignor.)
- Brown, David, Chicago, Ill. Doorbell switch. 2,039,581; May 5.
- Brown, Davis, Los Angeles, Calif. Automatic brick and tile cutter. 2,058,663; Oct. 27.
- Brown, Derrell E., Onawa, Iowa. Casket truck. 2,036,455; Apr. 7.
- Brown, Donald, Newcastle-upon-Tyne, England, assignor of twenty-five per cent to T. N. Garson, Staten Island, N. Y. Floor and roof construction. 2,045,117; June 23.
- Brown, Donald F., King's Cross, London, England, assignor to The Westinghouse Air Brake Company. Wilmerding, Pa. Electro-pneumatic brake. 2,065,209; Dec. 22.
- Brown, Earl H. (See Broderick, S. J., and Brown.)
- Brown, Edmund, Palmyra, N. J. Pipe joint and making the same. 2,037,962; Apr. 21.
- Brown, Edmund I., Tarantum, Pa., assignor to Pittsburgh Plate Glass Company. Process and apparatus for annealing glass sheets. 2,057,816; Oct. 20.
- Brown, Edmund K., assignor to The Torrington Company, Torrington, Conn. Antifriction bearing and making the same. 2,038,474; Apr. 21.
- Brown, Edmund K., assignor to The Torrington Company, Torrington, Conn. Antifriction bearing and making the same. 2,038,475; Apr. 21.
- Brown, Edmund K., assignor to The Torrington Company, Torrington, Conn. Antifriction bearing and making the same. 2,063,787; Dec. 8.
- Brown, Edmund L., Bowdon, England. Hydraulic braking system. 2,065,168; Dec. 22.
- Brown, Edward G., Denison, Tex. Insect screen. 2,044,664; June 16.
- Brown, Edward W., Lexington, Ky. Operating mechanism having automatically repeated action. 2,056,599; Oct. 6.
- Brown, Edwin P. (See Smith, Myron H., assignor.)
- Brown, Elmer W., Oberlin, Kans. Repair device for cream separator disks. 2,031,250; Feb. 18.
- Brown, Elmo L., Asheville, N. C. Carburetor. 2,029,556; Feb. 4.
- Brown, Ernest S., Inglewood, and D. B. Nutt, El Segundo, assignors to Standard Oil Company of California, San Francisco, Calif. Refining petroleum distillate. 2,049,423; Aug. 4.
- Brown, Ernest W., Park Ridge, Ill., and R. C. Farrell, Wood-Ridge, N. J., assignors to Whitlock Cordage Company, New York, N. Y. Twine. 2,061,559; Nov. 24.
- Brown, Francis V., assignor to Automotive Products Company Limited, London, England. Multiple pump particularly for reversible flow systems. 2,057,934; Oct. 20.
- Brown, Frank. (See Ellis, G. H., and Brown.)
- Brown, Frank. (See Kurtz, Andrew, assignor.)
- Brown, Frank B., Riverside, R. I. Work clamp. 2,053,459; Sept. 8.
- Brown, Frank H. (See Chamberlain, C. L., and Brown.)
- Brown, Frank K., assignor to Continental Screw Company, New Bedford, Mass. Screw. 2,062,550; Dec. 1.
- Brown, Frank M., Williamstown, Victoria, Australia. Means for use in the packing of eggs and like shaped articles. 2,048,776; July 28.
- Brown, Frank W., Elkridge, W. Va. Wheel rail clamp. 2,053,179; Sept. 1.
- Brown, Frederick, assignor to The Talking Weighing Machine Company, Incorporated, Louisville, Ky. Casing. 2,046,809; July 7.
- Brown, Frederick, assignor to The Talking Weighing Machine Company, Incorporated, Louisville, Ky. Weighing machine. 2,065,964; Dec. 29.
- Brown, George B., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Structural unit. 2,043,987; June 16.
- Brown, George B., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Lightweight unit. 2,043,988; June 16.
- Brown, George B., Somerville, N. J., and H. E. Holcomb, Stratford, Conn., assignors to Johns-Manville Corporation, New York, N. Y. Sound absorbing article. 2,036,913; Apr. 7.
- Brown, George D., and G. M. Myers, Nanty Glo, Pa. Safety switch. 2,026,962; Jan. 7.
- Brown, George H., New York, N. Y. Portable compartment for sleeping or sun-bathing. 2,047,056; July 7.
- Brown, George R., Bridgeport, Conn., assignor to General Electric Company. Fuse. 2,031,457; Feb. 18.
- Brown, George R., Bridgeport, Conn., assignor to General Electric Company. Fuse. 2,041,590; May 19.
- Brown, George R., Stratford, Conn., assignor to General Electric Company. Electric switch. 2,047,931; July 14.
- Brown, Gerald G. (See Guier, W. C., and Brown.)
- Brown, Grant R., Sunbury, Pa. Egg breaker. 2,039,678; May 5.
- Brown-Grigsby Gold Mining Company. (See Brown, H., and Grigsby, assignors.)
- Brown, Gwynne O., Vancouver, British Columbia, Canada, assignor to Motion Displays, Inc. Animated display device. 2,055,857; Sept. 29.
- Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 2,035,634; Mar. 31.
- Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 2,040,292; May 12.
- Brown, Harold, Kansas City, Kans., and A. R. Grigsby, Kansas City, Mo., assignors to Brown-Grigsby Gold Mining Company, Kansas City, Kans. Separator. 2,041,591; May 19.
- Brown, Harold D., Los Angeles, Calif. Drying and impregnating felt. 2,050,483; Aug. 11.
- Brown, Harold W., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,047,057; July 7.
- Brown, Harry W., Louisville, Colo. Jack. 2,064,370; Dec. 15.
- Brown, Henry, Raleigh, N. C. Tooth brush. 2,047,613; July 14.
- Brown, Henry A., assignor of one-fourth to S. E. Kennedy, Fort Worth, Tex. Lubricating device. 2,042,206; May 26.
- Brown, Herbert O., Fairfield, Maine. Display device. 2,065,965; Dec. 29.
- Brown, Herbert S., Chicago, Ill. Tube forming machine. 2,062,291; Dec. 1.
- Brown Instrument Company, The. (See Fisher, Andrew J., assignor.)



- Brown Instrument Company, The. (See Handwerk, Otto T., assignor.)
- Brown Instrument Company, The. (See Harrison, Thomas R., assignor.)
- Brown Instrument Company, The. (See Harrison, T. R., Grauel, and Kessler, assignors.)
- Brown Instrument Company, The. (See Krogh, Anker E., assignor.)
- Brown Instrument Company, The. (See Pearce, Walter H., assignor.)
- Brown Instrument Company, The. (See Sharp, Jonathan, assignor.)
- Brown Instrument Company, The. (See Spitzglass, Albert F., assignor.)
- Brown Instrument Company, The. (See Spitzglass, A. F., and Handwerk, assignors.)
- Brown, J. Handford. (See Martinez, Jose, assignor.)
- Brown, James H., New York, N. Y. Necktie. 2,043,527; June 9.
- Brown, James S., assignor to Shoe City Machine Company, Inc., Lynn, Mass. Sole shaping machine. 2,048,595; July 21.
- Brown, James W. (See Crawford, O. J., and Brown.)
- Brown, James W., Los Angeles, Calif., assignor to Carl O. Nordensson, Buffalo, N. Y. Guest announcer. 2,048,672; July 28.
- Brown, James W., Los Angeles, Calif., assignor to Carl O. Nordensson, Buffalo, N. Y. Guest announcer. 2,048,673; July 28.
- Brown, Jesse J., Syracuse, N. Y. Timing device. 2,045,118; June 23.
- Brown, Jesse J., Syracuse, N. Y. Liquid gauge. 2,053,460; Sept. 8.
- Brown, John A., Chicago, Ill. Seat actuated compression tank water closet. 2,049,890; Aug. 4.
- Brown, John H., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for coating the peripheral portions of soles. 2,063,149; Dec. 8.
- Brown, John L., Verona, and W. R. Harding, Wilkesburg, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Spot welder. 2,042,207; May 26.
- Brown, John R., Cleveland Heights, assignor to The Reliance Gauge Column Company, Cleveland, Ohio. High pressure liquid level gauge. 2,065,646; Dec. 29.
- Brown, John P., South Croydon, assignor to P. B. Deviator Limited, London, England. Gyroscopic apparatus. 2,036,914; Apr. 7.
- Brown, Joseph D., New York, N. Y., assignor to Raylite Trading Company, Inc. Switch-type plug attachment device. 2,028,314; Jan. 21.
- Brown, Joseph F., New York, N. Y. Propeller. 2,032,790; Mar. 3.
- Brown, Joseph F., assignor of one-half to H. M. Stanley, New York, N. Y. Propeller device. 2,039,628; May 5.
- Brown, Joseph R. (See Pettett, L. J., Brown, and Mills.)
- Brown, Kenneth R., Rockford, Ill. Rod driver. 2,033,227; Mar. 10.
- Brown, Kenneth R., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Manufacture of Alcoholic beverages. 2,061,560; Nov. 24.
- Brown, L. J. (See Jeffries, Oren L., assignor.)
- Brown, Lee R., Whippany, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,043,279; June 9.
- Brown, Leo C. (See Roth, W. D., Brown, and Phelps.)
- Brown Le Roy O., assignor to Justrite Manufacturing Company, Chicago, Ill. Torch support ladle. 2,030,238; Feb. 11.
- Brown, Leslie. (See Hoy, J. E., and Brown.)
- Brown-Lipe Gear Company, et al. (See Tower, Elmer V. J., assignor.)
- Brown, Lloyd T. (See Simon, James O., assignor.)
- Brown, Louis, and R. J. Jones, San Antonio, Tex. Throttling means for internal combustion engines. 2,036,619; Apr. 7.
- Brown, Lucian C., La Feria, Tex. Boiler cleaner. 2,043,150; June 2.
- Brown, Maurice, et al. (See Deutsch, E., and Werner, assignors.)
- Brown-McLaren Manufacturing Company. (See Kopsch, Herbert E., assignor.)
- Brown, Mortimer J., Niagara Falls, N. Y. Siphon head. 2,055,466; Sept. 29.
- Brown, Ned C. L. Scottsville, assignor to General Railway Signal Company, Rochester, N. Y. Control system for classification yards. 2,045,695; June 30.
- Brown, Newman T., Seattle, Wash., assignor, by mesne assignments, and decree of distribution, to Katherine H. Grommesch. Vegetable and fruit skin removing device. 2,041,111; May 19.
- Brown, Norman G. (See Smith, P. N., and Brown.)
- Brown, Paul B., assignor to The De Vilbiss Company, Toledo, Ohio. Combined liquid dropper and discharging device. 2,037,207; Apr. 14.
- Brown, Pauline A., Victoria, Tex. Cake box. 2,061,957; Nov. 24.
- Brown Philip F., Yonkers, assignor to Du Pont Rayon Company, New York, N. Y. Disintegration of fibers. 2,054,280; Sept. 15.
- Brown, Ralph, assignor to The Adlake Company, Wilmette, Ill. Ventilator. 2,037,063; Apr. 14.
- Brown, Ralph C., Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Electrode resistant to anodic attack. 2,053,214; Sept. 1.
- Brown, Ralph L., Syracuse, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Regeneration of catalysts. 2,027,855; Jan. 14.
- Brown, Ralph L., Syracuse, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Production of oxygenated organic compounds. 2,030,048; Feb. 11.
- Brown, Ralph W., Belleville, Ill., assignor to Aluminum Company of America, Pittsburgh, Pa. Treatment of fabrics. 2,035,527; Mar. 31.
- Brown, Raymond S., Detroit, Mich. Paint drier. 2,048,777; July 28.
- Brown, Raymond W. (See Manoilovich, N., Gruen, and Berill.)
- Brown, Reynolds D., Jr. (See McCaa, D. G., and Brown.)
- Brown, Reynolds D., Jr., assignor to Philadelphia Storage Battery Company, Philadelphia, Pa. Image transmission system. 2,054,893.
- Brown, Robert, New York, N. Y. Window shade. 2,056,823; Oct. 6.
- Brown, Robert E., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Method and apparatus for rolling bellows. 2,061,501; Nov. 17.
- Brown, Robert L., Milwaukee, Wis. Excavating machine. 2,032,911; Mar. 3.
- Brown, Robert N., assignor to Packard Motor Car Company, Detroit, Mich. Worm gear burnishing machine and method. 2,062,696; Dec. 1.
- Brown, Robert S., New Britain, and W. B. Retz, Plainville, assignors to The New Britain-Gridley Machine Company, New Britain, Conn. Metalworking machine. 2,054,358; Sept. 15.
- Brown, Roderick F., Altus, Okla. Suction tonsillectome. 2,036,998; Apr. 14.
- Brown, Roy W. (See Moss, F. A., Dickinson, and Brown.)
- Brown, Roy W., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Accelerometer. 2,034,649; Mar. 17.
- Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Magnetic thickness gauge. 2,051,780; Aug. 18.
- Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Integrating control method and apparatus for achieving uniformity of average conditions. 2,051,781; Aug. 18.
- Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Chronoscope. 2,058,211; Oct. 20.
- Brown, Russell L., Lowell, Mass., L. J. Walters, San Diego, Calif., E. M. Brickett, North Chelmsford, Mass., and S. A. Coleman, Peiham, N. H., assignors to Fitger California Company, Los Angeles, Calif. Wool cleaning machine. 2,036,915; Apr. 7.
- Brown & Sharpe Manufacturing Company (See Bennett, Arthur F., assignor.)
- Brown and Sharpe Manufacturing Company. (See Moo, Gothard T., assignor.)
- Brown and Sharpe Manufacturing Company. (See Rich, Charles A., assignor.)
- Brown Shoe Company. (See Kaut, William, assignor.)
- Brown, Stephen A., assignor to J. Boehler, Chicago, Ill. Glue container and spreader. 2,028,084; Jan. 14.
- Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Tractor. 2,031,758; Feb. 25.
- Brown, Theophilus, Moline, Ill., assignor to John Deere Tractor Company, Waterloo, Iowa. Tractor. 2,057,935; Oct. 20.
- Brown, Thomas A., Summerfield, Kans. Pole handling mechanism. 2,056,883; Oct. 6.
- Brown, Thomas E., Jr., Tuxedo, and S. Hardesty, Larchmont, N. Y. Game apparatus. 2,060,973; Nov. 17.
- Brown, Thomas I. (See Pearson, W. J., and Brown.)
- Brown, Walter, Toledo, Ohio. Composite metal article. 2,033,814; Mar. 10.
- Brown, Walter E., Reiffon, assignor to Wyomissing Glazed Paper Company, West Reading, Pa. Paper glazing machine. 2,057,081; Oct. 13.
- Brown, Walter O., Detroit, Mich. Radio cabinet. 2,058,407; Oct. 27.
- Brown, William, assignor to McAdoo & Allen Welting Company, Quakertown, Pa. Goodyear welt. 2,034,650; Mar. 17.
- Brown, William, assignor of one-half to Darwins Limited, Sheffield, England. Safety razor. 2,037,849; Apr. 21.
- Brown, William B., Wichita, Kans. Gas meter. 2,042,766; June 2.
- Brown, William H., Cleveland, Ohio. Cigarette vending machine. 2,032,001; Feb. 25.
- Brown, William H., Cleveland, Ohio. Combination tray and door bolt. 2,037,309; Apr. 14.
- Brown, William R., Monroe, La., assignor to Shuron Optical Company, Inc., Geneva, N. Y. Temple connection for spectacles. 2,034,326; Mar. 17.
- Brown, William W., Schenectady, N. Y., assignor to General Electric Company. Antenna structure. 2,059,183; Oct. 27.
- Brown, Winslow R., Harrisburg, Pa. Atomizer. 2,064,726; Dec. 15.
- Brownback, Henry L., Norristown, Pa. Making bearings. 2,066,247; Dec. 29.
- Browne, Alfred L., South Orange, N. J. Humidifying apparatus. 2,034,743; Mar. 24.



- Browne, Arthur W., Clifton Junction, near Manchester, England, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Hydrometer for electrical accumulators. 2,054,691; Sept. 15.
- Browne, Bennie O., Maplewood, and H. Morrison, Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Remote control apparatus. 2,034,708; Mar. 24.
- Browne, Cecil O. (See Whitaker, A., and Browne.)
- Browne, Cecil O., West Acton, London, assignor to The Gramophone Limited, Hayes, England. Recording of sound with the aid of light. 2,059,083; Oct. 27.
- Browne, George T., Trenton, N. J., assignor to John A. Roebling's Sons Company, New York, N. Y. Rope thimble. 2,040,642; May 12.
- Browne, Lindsay H., assignor, by mesne assignments, to Josiah Anstice & Co. Inc., Rochester, N. Y. Automobile reverse movement control. 2,038,983; Apr. 28.
- Browne, Lindsay H., assignor to Josiah Anstice & Co., Inc., Rochester, N. Y. Automobile back-rolling device. 2,038,984; Apr. 28.
- Browne, Lindsay H., assignor to Josiah Anstice & Co., Inc., Rochester, N. Y. Automobile reverse movement control. 2,038,985; Apr. 28.
- Browne, Lindsay H., assignor to Josiah Anstice & Co., Inc., Rochester, N. Y. Back rolling lock control. 2,038,986; Apr. 28.
- Browne, Lindsay H., assignor to Josiah Anstice & Co., Inc., Rochester, N. Y. Roll back stop. 2,038,987; Apr. 28.
- Browne, Lindsay H., assignor to Josiah Anstice & Co. Inc., Rochester, N. Y. Power brake operating mechanism. 2,052,551; Sept. 1.
- Browne, Lindsay H., assignor to Josiah Anstice & Co., Inc., Rochester, N. Y. Motor car controlling means. 2,052,552; Sept. 1.
- Browne, Lindsay H., assignor to Kellogg Manufacturing Co., Rochester, N. Y. Compressor. 2,062,206; Nov. 24.
- Browne, Montague P., Buffalo, N. Y. Brace or stay for hinged covers and the like. 2,035,944; Mar. 31.
- Browne, Theodore C., Hinsdale, Ill. Printing plate matrix. 2,041,743; May 26.
- Brownell, John R., and C. B. Little, Dayton, Ohio, assignors, by mesne assignments, to Minneapolis, Honeywell Regulator Company. Apparatus for controlling stokers. 2,064,193; Dec. 15.
- Browning, Glenn H., Winchester, assignor to Doble Engineering Company, Medford, Mass. Compensated wattmeter. 2,031,207; Feb. 18.
- Browning, J. M. & M. S., Company. (See Browning, John, assignor.)
- Browning, John, assignor to J. M. & M. S. Browning Company, Ogden, Utah. Repeating firearm. 2,050,038; Aug. 4.
- Browning, John H. (See Todd, F. W., and Browning.)
- Brownlee, Dalmar T., Indianapolis, Ind., assignor, by mesne assignments, to W. C. Starkey, R. S. Pruitt and W. H. Beal, trustees. Overrunning clutch. 2,043,695; June 9.
- Brownlee, Dalmar T., assignor to L. G. S. Devices Corporation, Indianapolis, Ind. Drill head. 2,049,047; July 28.
- Brownlee, Harold J., Cedar Rapids, Iowa, assignor to The Quaker Oats Company, Chicago, Ill. Feeding device and using the same. 2,059,435; Nov. 3.
- Brownlee, Roy H., and O. P. Kohler, Pittsburgh, Pa. Hair drier. 2,037,695; Apr. 21.
- Brownscombe, Philip J., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Film driving apparatus. 2,046,723; July 7.
- Brownsdon, Henry W., Birmingham, F. Gee, Hazel Grove, Cheshire, and H. F. Wagstaff, Birmingham, England, assignors to Imperial Chemical Industries Limited. Pipe joint or coupling. 2,055,276; Sept. 22.
- Brownstein, Louis, Brooklyn, N. Y. Ice cube tray. 2,037,364; Apr. 14.
- Brubach, Howard F., Washington, D. C. Slide holder. 2,058,128; Oct. 20.
- Brubaker, Howard D., Wilcox, Pa. Educational device. 2,065,424; Dec. 22.
- Brubaker, John A. (See Thurston, E. B., Brubaker, and Turner.)
- Brubaker, John T., Wilkesburg, Pa. Mechanism for mechanical measurements. 2,208,134; Jan. 21.
- Brubaker, Merlin M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition containing castor oil derivative. 2,027,466; Jan. 14.
- Brubaker, Merlin M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Oil derivative. 2,027,467; Jan. 14.
- Brubaker, Merlin M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resin. 2,035,528; Mar. 31.
- Brubaker, Merlin M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resin. 2,046,318; July 7.
- Brubaker, Merlin M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,047,668; July 14.
- Brubaker, Merlin M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyhydric alcohol-polybasic acid resins and compositions containing them. 2,057,765; Oct. 20.
- Brubaker, Merlin M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dispersed gelled resins. 2,057,766; Oct. 20.
- Brubaker, Merlin M., Wilmington, Del., and R. E. Thomas, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Amine modified polyhydric alcohol-polybasic acid resins. 2,048,778; July 28.
- Brubaker, Walter S., assignor to Granberg Meter Corporation, San Francisco, Calif. Leakage compensating meter. 2,042,767; June 2.
- Brubaker, Walter S., and A. J. Saarinen, assignors to Granberg Meter Corporation, San Francisco, Calif. Automatic control means. 2,046,304; June 30.
- Brubaker, Walter S., and A. J. Saarinen, assignors to Granberg Meter Corporation, San Francisco, Calif. Counter-setting means. 2,058,056; Oct. 20.
- Brubaker, Walter S., Oakland, and A. J. Saarinen, assignors to Granberg Meter Corporation, San Francisco, Calif. Flow shut-off mechanism. 2,055,964; Sept. 29.
- Brubaker, William A. (See Kline, W., and Brubaker.)
- Bruce, Albert W., Ottumwa, Iowa. Apparatus for applying adhesive wax to fowls and the like. 2,047,544; July 14.
- Bruce, Alexander D., et al. (See Peters, Thomas B. R., assignor.)
- Bruce, Chester F., assignor to Greenfield Tap and Die Corporation, Greenfield, Mass. Die holder. 2,063,980; Dec. 15.
- Bruce, Donald S. (See Driscoll, J., and Bruce.)
- Bruce, E. L., Company. (See Bruce, Edwin L., Jr., assignor.)
- Bruce, E. L., Company. (See Bruce, Frank E., assignor.)
- Bruce, E. L., Company. (See Bruce, Robert G., assignor.)
- Bruce, E. L., Company. (See Fellman, Evan L., assignor.)
- Bruce, E. L., Company. (See Lyons, Frank H., assignor.)
- Bruce, Edwin L., Jr., assignor to E. L. Bruce Company, Memphis, Tenn. Wood block flooring. 2,054,015; Sept. 8.
- Bruce, Frank E., assignor to E. L. Bruce Company, Memphis, Tenn. Wood floor. 2,029,808; Feb. 4.
- Bruce, Homer L., Houston, Tex. Cover for receptacles for safety razors. 2,027,899; Jan. 14.
- Bruce, Jesse R. (See Shank, Claude, assignor.)
- Bruce, John A., Tampa, Fla. Packaging process for beverages. 2,054,494; Sept. 15.
- Bruce, Joseph H. (See Berg, Nanstad, assignor.)
- Bruce-Macheth Engine Company, The. (See Allen, Harry L., assignor.)
- Bruce, Robert G., assignor to E. L. Bruce Company, Memphis, Tenn. Wood block. 2,045,067; June 23.
- Bruce, Robert G., assignor to E. L. Bruce Company, Memphis, Tenn. Wood block. 2,045,068; June 23.
- Bruce, Thomas A., Western Springs, Ill., assignor to International Patents Development Company, Wilmington, Del. Quick hydrating anhydrous dextrose. 2,058,852; Oct. 27.
- Brüche, Ernst, Berlin-Reinickendorf (Ost), Germany, assignor to Allgemeine Elektrizitätsgesellschaft, Berlin, Germany. Electron tube. 2,034,174; Mar. 17.
- Brüche, Ernst, Berlin-Reinickendorf, assignor to Allgemeine Elektrizitätsgesellschaft, Berlin, Germany. Electron discharge device. 2,038,341; Apr. 21.
- Brüche, Ernst, Berlin-Reinickendorf, assignor to Allgemeine Elektrizitätsgesellschaft, Berlin, Germany. Electron tube. 2,044,347; June 16.
- Brucite Processes, Inc. (See Howes, Raymond T., assignor.)
- Bruck, Walter, Mannheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone-2.1 (N) benzacridone series. 2,031,406; Feb. 18.
- Brücke, Otto, Zurich, Switzerland, assignor to American Lurgi Corporation, New York, N. Y. Refining vegetable and animal oils and fats. 2,035,589; Mar. 31.
- Brückel, Waldemar, Berlin, Germany, assignor to General Electric Company. Multiple signaling system. 2,047,900; July 14.
- Brucker, George W., Schenectady, N. Y., assignor to General Electric Company. Anode baffle for mercury arc rectifiers. 2,056,034; Sept. 29.
- Bruckmayer, Friedrich. (See Honigmann, E., and Bruckmayer.)
- Bruckner, Nicholas, et al. (See De Nagy, Bela, assignor.)
- Bruckshaw, Robert V., Centerville, Iowa. Adjusting gauge device for printing plate boring machines. 2,054,359; Sept. 15.
- Bruderlin, Emil J. (See Levison, S. H., and Bruderlin.)
- Brueckl, John, Union City, N. J. Seat covering device. 2,040,463; May 12.
- Bruening, Bernard G., Evansville, Ind. Chair. 2,028,823; Jan. 28.
- Bruening, Henry W., Carpentersville, assignor of one-half to Arthur F. Kleinschmidt, Roselle, Ill. Apparatus for dispensing beer. 2,036,620; Apr. 7.
- Bruestle, Armin O. (See Stenger, E. P., and Bruestle.)
- Brüsmann, William F., Evanston, Ill. Printing plate mounting. 2,061,058; Nov. 17.
- Brühl, Paul, and F. Neugart, Berlin, Germany. Grinding machine. 2,028,315; Jan. 21.
- Bruijnes, Johannes. (See Mulder, J. G. W., Bruijnes, and Maartens.)
- Bruijnes, Johannes. (See Uytterhoeven, W., Bruijnes, and Verburg.)



- Bruijnes, Johannes, Ekko Oosterhuis, and J. G. W. Mulder, Eindhoven, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Discharge tube. 2,034,793; Mar. 24.
- Bruijnes, Johannes, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Discharge tube. 2,046,671; July 7.
- Bruijnes, Johannes, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Arc discharge tube. 2,058,950; Oct. 27.
- Brumbach, Price. (See Micheal, G. L., and Brumbach.)
- Brumbaugh, Andrew K., assignor to The White Motor Company, Cleveland, Ohio. Motor vehicle control. 2,044,055; June 16.
- Brumser, Henry M., Portland, Oreg. Window shade attachment and support. 2,045,380; June 23.
- Brun, Prudent, Foley, Minn. Potato digger attachment. 2,038,842; Apr. 21.
- Brün, Willi, Bridgeport, Conn., assignor to Remington Arms Company, Inc. Manufacture of salts of diazotized tetrazole derivatives. 2,064,817; Dec. 22.
- Brunberg, Paul E., assignor, by mesne assignments, to G. E. Graff, Williamsport, Pa. Wire coating machine. 2,034,794; Mar. 24.
- Brundage, Helen B., Tryon, N. C. Costumed figure. 2,045,830; June 30.
- Brundin, Ernest. (See Lyons, F. F., and Brundin.)
- Brune, Rudolf. (See Hagenböcker, A., and Brune.)
- Bruneau, Beecher, Detroit, Mich. Valve for gas torches. 2,043,982; June 16.
- Bruner, Donald L., Coral Gables, Fla., and T. B. Holliday, Dayton, Ohio. Incandescent lamp. 2,055,649; Sept. 29.
- Bruner, Martin R., Wapakoneta, Ohio. Plow. 2,044,205; June 16.
- Brunette, Joseph W., Detroit, Mich. Curb and fender locator. 2,039,474; May 5.
- Brunetti, Joseph P., Clarksburg, W. Va. Paste tube cap. 2,036,621; Apr. 7.
- Brunetti, Leonello, San Francisco, Calif. Railway rail. 2,055,571; Sept. 29.
- Brunhoff Manufacturing Company, The. (See Karst, Clarence E., assignor.)
- Bruning, Charles, Company. (See Murck, Knud, assignor.)
- Bruning, Paul, et al. (See Olsen, Oscar A., assignor.)
- Brüning, Paul, Berlin, Germany. Elastic holder for cutting-off tools and the like. 2,065,966; Dec. 29.
- Brunish, Fred, assignor to Consolidated Advertising Corp., Ltd., Los Angeles, Calif. Automatic slide projector. 2,037,963; Apr. 21.
- Brunken, Johannes, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Manufacture of stabilized silver halide emulsions. 2,057,764; Oct. 20.
- Brunner, Adolf, Therwil, assignor to Metallwerke A.-G. Dornach Basel, Switzerland. Bronzing of copper and copper alloys. 2,054,737; Sept. 15.
- Brunner, Albert, assignor to Wagner Electric Corporation, St. Louis, Mo. Hose fitting. 2,028,316; Jan. 21.
- Brunner, Albert, assignor to Wagner Electric Corporation, St. Louis, Mo. Locking clip. 2,034,559; Mar. 17.
- Brunner, David J., Jr., Shaker Heights, Ohio. Collision guard for motor vehicles. 2,038,713; Apr. 28.
- Brunner, Ernst. (See Straub, E., Brunner, and Widmer.)
- Brunner, Forrest B., et al. (See McCreary, Harold J., assignor.)
- Brunner, Gustav. (See Ehrensperger, C., Widmer, Gaudenzi, and Brunner.)
- Brunner, Harold E., Larchmont, N. Y., assignor to S K F Industries, Inc., Philadelphia, Pa. Lateral motion mounting for railway vehicle. 2,047,725; July 14.
- Brunner, Harry C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective system for polyphase motors. 2,063,981; Dec. 15.
- Brunner, Walter. (See Herz, R., and Brunner.)
- Bruns, Anthony C., Cincinnati, assignor to The Palmer Company, St. Bernard, Ohio. Thermometer. 2,064,149; Dec. 15.
- Bruns, Lloyd M., Wabasso, Minn. Bracket for auto license tags or the like. 2,042,768; June 2.
- Brunst, Rudolph O., Rocky River, assignor to The Hohlfelder Company, Cleveland, Ohio. Radiator. 2,058,057; Oct. 20.
- Brunst, William M., Columbus, Ohio, assignor, by mesne assignments, to General Door Company, Reno, Nev. Operating mechanism for overhead doors. 2,041,221; May 19.
- Brunstetter, Byron C., Washington, D. C., dedicated to the free use of the public. Article of manufacture. 2,056,884; Oct. 6.
- Brunsviga-Maschinenwerke Grimme, Natalis & Co., Aktiengesellschaft. (See Haase, Richard, assignor.)
- Brunswick-Balke-Collender Company. (See Matteson, J. O., and Guyton, assignors.)
- Brunt & Company. (See Brunt, John P., assignor.)
- Brunt & Company. (See Watkins, James R., assignor.)
- Brunt, John P., assignor to Brunt & Company, Chicago, Ill. Carton handle. 2,028,085; Jan. 14.
- Brupbacher, Otto, Lucerne, Switzerland. Roof for motor cars and other vehicles. 2,043,577; June 9.
- Brusca, Joseph L., assignor to S K F Industries, Inc., Philadelphia, Pa. Bearing mounting. 2,045,896; June 30.
- Brush, Chester E., Chicago, Ill., assignor to E. H. Scott. Remote control for radio receivers. 2,029,461; Feb. 4.
- Brush, John G., Westfield, N. J., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Core for molding devices. 2,052,126; Aug. 25.
- Bruson, Herman A., assignor to The Resinous Products & Chemical Co., Inc., Philadelphia, Pa. Resinous amino derivatives and process of preparing. 2,031,557; Feb. 13.
- Bruson, Herman A., assignor to The Resinous Products & Chemical Co., Inc., Philadelphia, Pa. Phenol-formaldehyde resin. 2,033,091; Mar. 3.
- Bruson, Herman A., assignor, by mesne assignments, to Röhm & Haas Company, Philadelphia, Pa. Soap forming compounds and making same. 2,033,092; Mar. 3.
- Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Complex phenolic soap. 2,036,916; Apr. 7.
- Bruson, Herman A., Elkins Park, assignor to Röhm & Haas Company, Philadelphia, Pa. Phenolic morpholines. 2,040,039; May 5.
- Bruson, Herman A., Elkins Park, assignor to Röhm & Haas Company, Philadelphia, Pa. Morpholino-metho polyhydric phenols. 2,040,040; May 5.
- Bruson, Herman A., Germantown, assignor to The Resinous Products & Chemical Co., Inc., Philadelphia, Pa. Metal salts of oxyacetic acids. 2,044,968; June 23.
- Bruson, Herman A., Germantown, assignor to The Resinous Products & Chemical Co., Inc., Philadelphia, Pa. Condensation product and process. 2,063,837; Dec. 8.
- Bruson, Herman A., and L. W. Covert, assignors to Röhm & Haas Company, Philadelphia, Pa. Hydroaromatic alcohol. 2,026,668; Jan. 7.
- Bruson, Herman A., Elkins Park, and O. Stein, Lansdowne, assignors to Röhm & Haas Company, Philadelphia, Pa. Water-soluble phenolic derivatives. 2,045,517; June 23.
- Bruson, Herman A., Elkins Park, and O. Stein, Lansdowne, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Siccativ metal salts and using them. 2,063,838; Dec. 8.
- Brusse, Archie B. and J. L. Carman, Denver, Colo. Orthodontic appliance. 2,062,395; Dec. 1.
- Brussell, Jacob, New York, N. Y., assignor to I. Friedman, Roselle, N. J. Pinking device for sewing machines. 2,049,351; July 28.
- Brustlein, Jean, assignor to Georges Gavoret & Cie, Paris, France. Multiple switch. 2,028,587; Jan. 21.
- Brustowsky, Morris, Brooklyn, N. Y., assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,035,259; Mar. 24.
- Bruynes, Johannes. (See de Boer, J. H., Bruynes, and Teves.)
- Bruzon, David, Chicago, Ill. Flexible cable unit and applying connecting members thereto. 2,047,766; July 14.
- Bryan, Andrew B., Tulsa, Okla., assignor to Standard Oil Development Company. Liquid column gravity meter. 2,055,479; Sept. 29.
- Bryan, Charles S. (See Fiske, A. H., and Bryan.)
- Bryan, Charles S., Providence, assignor to Rumford Chemical Works, Rumford, R. I. Purification of sodium metaphosphate. 2,055,332; Sept. 22.
- Bryan, Clare, Chicago, Ill. Fish lure. 2,037,310; Apr. 14.
- Bryan, Harold W. (See Nicholson, F. H., and Bryan.)
- Bryan, Harry F. (See Johnston, E. A., Bryan and Turner.)
- Bryan, Henry B., and A. D. Capehart, Oxford, N. C. Filter. 2,039,281; May 5.
- Bryan, Hugh. (See Tuttle, Record D., assignor.)
- Bryant, C. L., Corporation. (See Bryant, Charles L., assignor.)
- Bryant, Charles L., assignor to C. L. Bryant Corporation, Cleveland, Ohio. Furnace. 2,037,496; Apr. 14.
- Bryant Chucking Grinder Company. (See Arms, M. H., and Johnson, assignors.)
- Bryant, Earl, Galveston, Tex. Combined awning and shutter. 2,039,056; Apr. 28.
- Bryant Electric Company, The. (See Abbott, Charles W., assignor.)
- Bryant Electric Company, The. (See Bennett, Ross G., assignor.)
- Bryant Electric Company, The. (See Both, Tonjes A., assignor.)
- Bryant Electric Company, The. (See Johnson, George A., assignor.)
- Bryant, Erwin T., Farley, Mass. Jacking apparatus. 2,056,954; Oct. 13.
- Bryant, Forrest L., New York, N. Y. Refrigeration and apparatus therefor. 2,044,750; June 16.
- Bryant Heater Company, The. (See Stark, Willet E., assignor.)
- Bryant, Jesse C., Little Rock, Ark. Shock absorbing trailer connection. 2,057,658; Oct. 20.
- Bryant, Murden T. (See Lerch, W. G., and Bryant.)
- Bryant, Ozo N., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Governing apparatus. 2,035,689; Mar. 31.
- Bryant, Roy B., Dallas, Tex. Automatic phonograph. 2,026,820; Jan. 7.
- Bryant, Roy B., Dallas, Tex. Internal combustion engine. 2,062,551; Dec. 1.
- Bryce, Chalmers K., Cranford, N. J., and H. W. Jones, Williamsville, N. Y., assignors, by mesne assignments, to Union Carbide & Carbon Corporation. Multistage pressure regulator. 2,057,133; Oct. 13.



- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Scale. 2,027,019; Jan. 7.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Card verifier. 2,043,280; June 9.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Record controlled accounting machine. 2,045,434; June 23.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Record controlled and record making accounting machine. 2,045,435; June 23.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,045,436; June 23.
- Bryce, James W., Bloomfield, N. J., assignor to International Business Machines Corporation, New York, N. Y. Punching device. 2,045,977; June 30.
- Bryce, James W., Bloomfield, N. J., assignor to International Business Machines Corporation, New York, N. Y. Record controlled printing device. 2,053,063; Sept. 1.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Scale. 2,055,965; Sept. 29.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Successive discount accounting machine. 2,062,119; Nov. 24.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Perforating machine. 2,063,481; Dec. 8.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,063,482; Dec. 8.
- Bryce, James W., Bloomfield, N. J., G. F. Daly, Johnson City, and J. M. Cunningham, Endicott, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Record controlled accounting machine. 2,062,117; Nov. 24.
- Bryce, James W., Bloomfield, N. J., and G. F. Daly, Johnson City, N. Y., assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting machine with supplemental recorder. 2,062,118; Nov. 24.
- Bryce Limited. (See Lawson, Cyril W., assignor.)
- Bryce Limited. (See Thomas, Albert H. J., assignor.)
- Bryczynski, Charles S. (See Kosman, J., and Bryczynski.)
- Bryner, Fred. (See Britton, E. C., Heindel, and Bryner.)
- Brynildsen, Christen, Baden, and E. Kern, Ennetbaden, assignors to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electron discharge device control system. 2,026,771; Jan. 7.
- Bryson, Charles G., assignor to Erie Restaurant Equipment Company, Erie, Pa. Door structure. 2,039,774; May 5.
- Bryson, William H., Savannah, Ga. Envelope sealing machine. 2,061,546; Nov. 24.
- Bubar, Hudson H., Brooklyn, N. Y. Dust separator and heat exchange apparatus. 2,060,169; Nov. 10.
- Bubb, William F. (See Furnival, J. M., and Bubb.)
- Bubblestone Company, The. (See Rice, John A., assignor.)
- Buc, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Stabilized refined mineral, vegetable, and animal oils. 2,031,930; Feb. 25.
- Buc, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Insecticide. 2,042,296; May 26.
- Buc, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Motor fuel. 2,046,243; June 30.
- Buc, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Preventing foaming of emulsions. 2,052,164; Aug. 25.
- Buc, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Oil soluble sulphates of active bases and preparing the same. 2,066,197; Dec. 29.
- Buc, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Preparing grignard compounds. 2,066,198; Dec. 29.
- Buc, Hyym E., Roselle, and R. Schuler, Elizabeth, N. J., assignors to Standard Oil Development Company. Production of alkyl phenols from petroleum hydrocarbons. 2,045,749; June 30.
- Buc, Hyym E., Roselle, and R. Rosen, Cranford, N. J., assignors to Standard Oil Development Company. Carbon remover and using the same. 2,047,191; July 14.
- Buchach, Edward M., assignor to Howard Safety Window, Inc., Milwaukee, Wis. Window. 2,038,266; Apr. 21.
- Buchanan, Fred L., and R. Guyer, assignors to Waldorf Paper Products Company, St. Paul, Minn. Paperboard. 2,042,501; June 2.
- Buchanan, John C., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation. Compressor for refrigerating systems. 2,028,824; Jan. 28.
- Buchanan, Michael K., and A. G. Horton, Norfolk, Va. Ice cube pan. 2,043,881; June 9.
- Buchanan, Russell B., Lynbrook, N. Y., and L. A. Kille, Morristown, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,042,828; June 2.
- Buchanan, Stephen N., assignor to The Thomas & Betts Co., Elizabeth, N. J. Wire connector. 2,056,248; Oct. 6.
- Buchanan, Vita, New York, N. Y. Hose attaching device. 2,030,570; Feb. 11.
- Buchanan, Vita, New York, N. Y. Corset. 2,033,373; Mar. 10.
- Büche, Karl. (See Wiedbrauck, E., and Büche.)
- Bücheler, Carl, and K. Prinz, assignors to the firm of Carl Zeiss, Jena, Germany. Tilttable search light having a high power arc lamp. 2,055,680; Sept. 29.
- Büchels, Wilhelm, and R. H. Koppel, assignors to the firm Rhein-Schelder Gesellschaft für Ingenieurwesen m. b. H., Aachen, Germany. Universal rolling mill. 2,053,694; Sept. 8.
- Bucher, Ernst, Zurich, Switzerland, assignor to the firm Mauser-Werke A-G, Oberndorf-on-the-Neckar, Württemberg, Germany. Method of and machine for effecting combined fastening and seam covering stitches. 2,044,275; June 16.
- Bucher, Fred J., Pittsburgh, Pa. Cabinet panel board unit. 2,041,112; May 19.
- Bucher, John E., Fort Lee, N. J., assignor to Antioch Industrial Research Institute, Inc., Yellow Springs, Ohio. Recovery of beryllium. 2,040,804; May 12.
- Buchhart, P. William, et al. (See Arfsten, Newton, assignor.)
- Buchhart, P. William. (See Schneider, Joseph, assignor.)
- Buchheim, Kurt, assignor to Chemische Fabrik von Heyden, A. G., Radebeul, near Dresden, Germany. Producing neutral esters of phosphoric acid. 2,059,084; Oct. 27.
- Buchheim, Kurt, and C. Räth, assignors to Chemische Fabrik von Heyden, A. G., Radebeul, near Dresden, Germany. Dehydrating phenols and mixtures containing phenols. 2,051,782; Aug. 18.
- Buchholtz, Herbert, Dortmund, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Steel for railroad rails, wheel tires, plank-piles and other objects which are subjected to heavy wear. 2,041,635; May 19.
- Buchholtz, Herbert, Dortmund, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Steel alloy rivet. 2,051,937; Aug. 25.
- Buchholz, Herbert, Dortmund, Germany. Rivet of high-grade steel. 2,062,966; Dec. 1.
- Buchholz, Max, Kassel, Germany, assignor to Walter Kidde & Company, Inc., New York, N. Y. Installation for the detection of suspended matter in fluids. 2,034,281; Mar. 17.
- Buchholz, William C., assignor to Ackshand Knitting Co., Inc., Ballston Spa, N. Y. Knitted mitten and making the same. 2,030,959; Feb. 18.
- Büchi, Alfred, Winterthur, Switzerland. Internal combustion engine. 2,036,989; Apr. 7.
- Buchman, Elias, assignor to American Feather Products Corporation, Chicago, Ill. Scarf. 2,042,442; May 26.
- Buchman, Samuel, Pittsburgh, Pa. Pillow. 2,029,608; Feb. 4.
- Bucholz, William E. (See Techmer, Ewald F., assignor.)
- Buchsbaum, Chester W., assignor to S. Buchsbaum & Co., Chicago, Ill. Belt buckle. 2,043,696; June 9.
- Buchsbaum, S., & Co. (See Buchsbaum, Chester W., assignor.)
- Buchstein, Ferdinand, Minneapolis, Minn. Artificial leg. 2,055,066; Sept. 22.
- Büchting, Max-Ulrich, Gross-Glienicke, near Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electrical system for controlling any industrial measuring values. 2,056,769; Oct. 6.
- Buck, Charles M., Brooklyn, N. Y. Blower. 2,033,273; Mar. 10.
- Buck, Herman G., Egg Harbor City, N. J., and A. W. Aspen, Philadelphia, Pa., assignors to L. N. Renault & Sons, Inc., Egg Harbor City, N. J. Wine dispensing rack. 2,060,170; Nov. 10.
- Buck, Homer, and H. W. Ball, assignors to The Morgan Engineering Company, Alliance, Ohio. Machine for charging annealing furnaces and the like. 2,028,045; Jan. 14.
- Buck, John, Chicago, Ill. Extension light supporting device. 2,027,575; Jan. 14.
- Buck, John C., Denison, Iowa. Automatic windmill regulator. 2,036,742; Apr. 7.
- Buck, Neafie J. (See Johnson, E. W., and Buck.)
- Buck, Richard C., Yonkers, N. Y. Window shade. 2,026,669; Jan. 7.
- Buck, William H., Scottdale, Pa. Valve guard. 2,059,085; Oct. 27.
- Buckels, Christopher C., assignor of one-half to E. E. Berthold, Chicago, Ill. Outlet box. 2,031,689; Feb. 25.
- Buckendale, Laurence R. (See Alden, H. W., and Buckendale.)
- Buckenmaier, Charles A. (See Raymaley, John, assignor.)
- Buckeye Incubator Manufacturing Company, The. (See Brace, Edwin T., assignor.)
- Buckeye Iron and Brass Works. (See Hardy, C. L., and Anderson, assignors.)
- Buckeye Portable Tool Company, The. (See Wuebben, Bernard H., assignor.)
- Buckeye Steel Castings Company, The. (See Bower, Jerome G., assignor.)



- Buckeye Steel Castings Company, The. (See Goodspeed, Charles B., assignor.)
- Buckeye Steel Castings Company, The. (See Johnson, George T., assignor.)
- Buckeye Steel Castings Company, The. (See Moeller, Harry A., assignor.)
- Buckeye Steel Castings Company, The. (See Orr, Claude L., assignor.)
- Buckeye Steel Castings Company. (See Wolfe, Harry H., assignor.)
- Buckeye Traction Ditcher Company. (See George, Charles L., assignor.)
- Buckeye Traction Ditcher Company, The. (See Van Voorhis, William G., assignor.)
- Buckeye Traction Ditcher Company, The. (See Van Voorhis, W. G., and Yocum, assignors.)
- Buckingham, William D., Southampton, assignor to The Western Union Telegraph Company, New York, N. Y. Tuning fork in vacuum. 2,034,282; Mar. 17.
- Buckingham, William D., and L. F. Parker, Southampton, assignor to The Western Union Telegraph Company, New York, N. Y. Constant temperature oven. 2,056,156; Oct. 6.
- Buckius, Albert O., Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck side frame and bolster construction. 2,029,982; Feb. 4.
- Bucklen, Herbert E., Jr. (See Bear, Paul S., assignor.)
- Bucklen, Herbert E. (See Bear, P. S., and Bucklen.)
- Bucklen, Herbert E. (See Diener, John A., assignor.)
- Bucklen, Herbert E., Elkhart, Ind. Gaseous fluid vaporizer and mixer. 2,033,753; Mar. 10.
- Buckley, Edmond C., Langley Field, Va. Sampling valve. 2,041,694; May 26.
- Buckley, James W., Weatherford, Tex. Eccentric truss. 2,029,557; Feb. 4.
- Buckley, John P., Washington, D. C. Educational device. 2,060,974; Nov. 17.
- Buckley, Joseph, Methuen, Mass. Steam generator. 2,042,036; May 26.
- Buckley, Oliver E., Maplewood, N. J., assignor to Tell Telephone Laboratories, Incorporated, New York, N. Y. Submarine cable loading coil. 2,043,346; June 9.
- Bucklin, Walter S., Brookline, Mass. Protection for golf club heads. 2,035,529; Mar. 31.
- Buckman, Ronald, and R. E. Neidig, Calgary, Alberta, assignors to The Consolidated Mining and Smelting Company of Canada, Limited, Montreal, Quebec, Canada. Feeding device. 2,056,385; Oct. 6.
- Buckmaster, Ben S., assignor to Donolac Corporation, Chicago, Ill. Converting drying oils to nondrying oils. 2,061,829; Nov. 24.
- Bucknam, James H. (See Jones, H. W., Bucknam, and Cowin.)
- Bucknam, James H., Cranford, and F. C. Geibig, Westfield, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Pipe-end cutting or beveling apparatus. 2,054,925; Sept. 22.
- Buckner, Orello S., Westboro, Mass., assignor to Behr-Manning Corporation, Troy, N. Y. Abrasive sheet and making the same. 2,027,087; Jan. 7.
- Buckner, William A., et al. (See Coles, W. H., and Nelson, assignors.)
- Buckner, William A., Fresno, Calif. Positive drive slow motion sprinkler. 2,051,287; Aug. 18.
- Buckner, William A., Fresno, Calif. Rotary traveling sprinkler. 2,054,554; Sept. 15.
- Buckstone, Walter, London, England, assignor to Eastman Kodak Company, Rochester, N. Y. Adjustable supporting pillar or the like. 2,042,443; May 26.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing axle. 2,031,818; Feb. 25.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Locomotive rod bearing. 2,032,466; Mar. 3.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Locomotive crosshead. 2,037,208; Apr. 14.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Locomotive crosshead. 2,037,209; Apr. 14.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing axle. 2,040,802; May 12.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing lubrication. 2,040,803; May 12.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing axle. 2,041,162; May 19.
- Bucky, Gustav, New York, N. Y. Stand for X-ray apparatus and the like. 2,031,097; Feb. 18.
- Bucky, Gustav, New York, N. Y., and A. Einstein, Princeton, N. J. Light intensity self-adjusting camera. 2,058,562; Oct. 27.
- Bucy, Floyd L., and V. A. La Rock, Eau Claire, Wis. Curing rubber articles. 2,035,861; Mar. 31.
- Bucyrus-Erie Company. (See Bauer, H. E., Fykse, Davidson, and Longren, assignors.)
- Bucyrus-Erie Company. (See Chambers, J. T., and Lehman, assignors.)
- Bucyrus-Erie Company. (See Davidson, T., and Taylor, assignors.)
- Bucyrus-Erie Company. (See Fuller, F. A., and Snyder, assignors.)
- Bucyrus-Erie Company. (See Fykse, Mitchell L., assignor.)
- Bucyrus-Erie Company. (See Fykse, M. L., and Woodhull, assignors.)
- Bucyrus-Erie Company. (See Thornburg, Herbert W., assignor.)
- Buczowski, Edward J., assignor to Keasbey & Mattison Company, Ambler, Pa. Shingle. 2,051,818; Aug. 25.
- Buczowski, Julia. (See Gorski, Frank, assignor.)
- Buday, Francis, New York, N. Y. Means for unlocking locks. 2,064,818; Dec. 22.
- Budd, Clarence E., assignor to Bendix Products Corporation, South Bend, Ind. Brake shield. 2,031,690; Feb. 25.
- Budd, Clarence E., assignor to Bendix Aviation Corporation, South Bend, Ind. Forming cam levers. 2,057,705; Oct. 20.
- Budd, David B., Anchorville, Mich., and F. C. Speke, Toledo, Ohio. Garden roller manufacture. 2,029,518; Feb. 4.
- Budd, Edward G., Manufacturing Company. (See Budd, Edward G., assignor.)
- Budd, Edward G., Manufacturing Company. (See Budd, E. G., and Eksbergian, assignors.)
- Budd, Edward G., Manufacturing Company. (See Butler, M. B., Jr., and Conwell, assignors.)
- Budd, Edward G., Manufacturing Company. (See Eksbergian, Carolus L., assignor.)
- Budd, Edward G., Manufacturing Co. (See Eksbergian, C. L., and Baker, assignors.)
- Budd, Edward G., Manufacturing Company. (See Hanson, Arthur F., assignor.)
- Budd, Edward G., Manufacturing Co. (See Hochreiter, E., and McGary, assignors.)
- Budd, Edward G., Manufacturing Co. (See Hovey, Otis W., assignor.)
- Budd, Edward G., Manufacturing Company. (See Ledwinka, Joseph, assignor.)
- Budd, Edward G., Manufacturing Company. (See Mungen, Theodore, assignor.)
- Budd, Edward G., Manufacturing Company. (See Paugh, James J., assignor.)
- Budd, Edward G., Manufacturing Co. (See Ragsdale, Earl J. W., assignor.)
- Budd, Edward G., Manufacturing Company. (See Schankin, Max, assignor.)
- Budd, Edward G., Manufacturing Company. (See Tarbox, John P., assignor.)
- Budd, Edward G., Manufacturing Company. (See Turner, Hubert M., assignor.)
- Budd, Edward G., Manufacturing Company. (See Whitesell, John C., Jr., assignor.)
- Budd, Edward G., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Pneumatic tire. 2,028,135; Jan. 21.
- Budd, Edward G., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Pneumatic tire. 2,059,982; Nov. 3.
- Budd, Edward G., Philadelphia, Pa., and C. L. Eksbergian, Detroit, Mich., assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sheet metal structural element and making. 2,056,563; Oct. 6.
- Budd, Harry, Old Charlton, London, England. Device for delivering measured quantities of liquids. 2,031,031; Feb. 18.
- Budd Wheel Company. (See Baker, Paul E., assignor.)
- Budd Wheel Company. (See Begg, Russell S., assignor.)
- Budd Wheel Company. (See Eksbergian, Carolus L., assignor.)
- Budd Wheel Company. (See Farnworth, George J., assignor.)
- Budd Wheel Company. (See Farr, Warren H., assignor.)
- Budd Wheel Company. (See Gaenssle, Paul W., assignor.)
- Budd Wheel Company. (See Hight, Franklin R., assignor.)
- Budd Wheel Company. (See Tarbox, John P., assignor.)
- Budd Wheel Company. (See Weightman, William A., assignor.)
- Buddy "L" Manufacturing Company. (See Arden, Thomas R., assignor.)
- Budenbom, Horace T., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Filtering circuit. 2,052,338; Aug. 25.
- Buder, Charles G. (See Cross, W. M., Jr., Buder and Norquist.)
- Budin, Harry A., New York, N. Y. Splint. 2,033,609; Mar. 10.
- Budlong, James N., et al. (See Stauffer, C. F., assignor, and Budlong.)
- Budlong, Simeon. (See Stauffer, C. F., and Budlong.)
- Budnick, Frank O., Chicago, Ill. Riser post connector. 2,050,559; Aug. 11.
- Budwig, Gilbert G., Saratoga, assignor to Insect-O-Products Company, Burbank, Calif. Liquid spray apparatus. 2,030,853; Feb. 18.
- Budwig, Gilbert G., Saratoga, assignor to Insect-O-Products Company, Burbank, Calif. Mixing liquids. 2,061,932; Nov. 24.
- Buehler, Ezra C. (See Hammers, James E. and B. F., and Buehler.)
- Buehler, Leon, Jr., assignor to Frick Company, Waynesboro, Pa. Noncondensable gas separator. 2,062,697; Dec. 1.



- Buehler, Louis E. G., Oak Park, Ill. Change speed gear set. 2,034,858; Mar. 24.
- Buehler, Max, assignor to Grinnell Lithographic Co., Inc., New York, N. Y. Display sign. 2,032,561; Mar. 3.
- Buehner, Christian, Milwaukee, Wis. Pencil stand. 2,027,857; Jan. 14.
- Buell, Clarence E., Dallastown, Pa., assignor to The Everedy Company, Frederick, Md. Mop and wringer. 2,059,772; Nov. 3.
- Buell, Clarence E., Dallastown, Pa., assignor to The Everedy Company, Frederick, Md. Mop and wringer. 2,059,773; Nov. 3.
- Buell Combustion Company Limited, The. (See Sasse, W., and Schneider, assignors.)
- Buell, Earl P. (See Robert, B. L., and Buell, assignors.)
- Buell, Roy C., Schenectady, N. Y., assignors to General Electric Company. Suppression of ground faults on alternating current systems. 2,050,082; Aug. 4.
- Buell, Timothy B., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Chuck. 2,050,828; Aug. 11.
- Buelow, George. (See Waugh, H. L., and G. and H. W. Buelow.)
- Buelow, Henry W. (See Waugh, H. L., and G. and H. W. Buelow, assignors.)
- Bueno, Humberto L., New York, N. Y. Inking device for mimeograph machines. 2,044,462; June 16.
- Buente, Charles F., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Roll changing apparatus. 2,037,210; Apr. 14.
- Buer, Carl H., Cologne-Marienburg, Germany. Manufacture of stable preparations having a high content of commercial lecithin. 2,064,727; Dec. 15.
- Buescher, E. F. (See Holland, F. G., and Green, assignors.)
- Buffalo Brake Beam Company. (See Busch, Charles R., assignor.)
- Buffalo Cold Storage Company. (See Knowlton, Daniel E., assignor.)
- Buffalo Electro-Chemical Company. (See Bretschger, Max E., assignor.)
- Buffalo Electro-Chemical Company. (See Clark, J. A., and Smolens, assignors.)
- Buffalo Electro-Chemical Company. (See Kauffmann, H. O., and Crandell, assignors.)
- Buffalo Electro Chemical Co. Incorporated. (See Huttenlocher, R., and Lamatsch, assignors.)
- Buffalo Forge Company. (See Criquei, Albert A., assignor.)
- Buffalo Forge Company. (See Yates, Arthur T., assignor.)
- Buffalo Foundry & Machine Co. (See Van Marle, Dirk J., assignor.)
- Buffalo Pressed Steel Company. (See Haas, Lucien L., assignor.)
- Buffalo Pressed Steel Company. (See MacKenzie, Roy J., assignor.)
- Buffalo Pressed Steel Company. (See MacKenzie, R. J., and Haas, assignors.)
- Buffalo Pressed Steel Company. (See Starkweather, G. C., and Haas, assignors.)
- Buffalo-Springfield Roller Co., The. (See Greiner, Carl F., assignor.)
- Buffalo Wire Works Co. (See Scheeler, Charles A., assignor.)
- Buffington, Harry C. (See Miller, J. G., and Buffington.)
- Buffington, Harry C., assignor to The Baker Manufacturing Company, Springfield, Ill. Scraper or grader. 2,044,933; June 23.
- Buffington, Harry C., assignor to Baker Manufacturing Company, Springfield, Ill. Hydraulic control system for road working machines. 2,059,205; Nov. 3.
- Buffington, Ralph M., Evansville, Ind., assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,033,228; Mar. 10.
- Buffington, Ralph M., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Seal for refrigerating apparatus. 2,046,724; July 7.
- Buford, Birdie S., Wilson, N. C. Insect exterminating lamp. 2,065,047; Dec. 22.
- Buford, Edwin H., Anniston, Ala. Ventilating system for motor vehicles. 2,045,578; June 30.
- Bugatti, Ettore, Molsheim, France. Axle for vehicles. 2,039,210; Apr. 28.
- Bugatti, Ettore, Molsheim, France. Bodywork. 2,051,022; Aug. 18.
- Bugatti, Jean, Molsheim, France. Suspension of railway cars and other vehicles. 2,034,504; Mar. 17.
- Bugg, Kenly C., Farmington, Mo. Brake equalizer. 2,050,083; Aug. 4.
- Bugg, Kenly C., Farmington, Mo., assignor to Hoosier Lamp & Stamping Corporation, Evansville, Ind. Wind-ing head. 2,053,215; Sept. 1.
- Bugher, Clarence, Kokomo, Ind. Concealed roofing nail. 2,057,003; Oct. 13.
- Bugnion, Alexandre, Geneva, and E. Dégallier, Lausanne, Switzerland. Setting mechanism for timepieces. 2,055,572; Sept. 29.
- Buhl, Cay P. (See Stevens, W. W., and Buhl.)
- Buhl, Charles M., Detroit, Mich. Bottle case. 2,050,980; Aug. 11.
- Buhler, Eugen, Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,030,427; Feb. 11.
- Buhler, Eugen, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,036,016; Mar. 31.
- Bühler, Georg, Vienna, Austria. Making bearing bushings. 2,050,782; Aug. 11.
- Bubler, Henry W., Gloucester, Mass. Fly swatter. 2,066,248; Dec. 29.
- Builders Iron Foundry. (See Allton, Robert A., assignor.)
- Builders Iron Foundry. (See Purdie, David J., assignor.)
- Builders Iron Foundry. (See Richardson, Charles G., assignor.)
- Builders Iron Foundry. (See Smith, Ed S., Jr., assignor.)
- Buirk, William, St. Bernard, Ohio. Beer tapping control mechanism. 2,033,678; Mar. 10.
- Buirk, William, St. Bernard, Ohio. Pressure control mechanism. 2,058,951; Oct. 27.
- Bukolt, Roman B., Stevens Point, Wis. Container closure. 2,044,276; June 16.
- Bukolt, Roman B., Stevens Point, Wis. Engine priming device. 2,044,277; June 16.
- Bukoski, Henry, East Lansing, and M. M. Woodward, Lansing, Mich., said Bukoski assignor to said Woodward. Fluid dispensing apparatus. 2,055,334; Sept. 22.
- Bukove, Frank, Albuquerque, N. Mex., assignor of one-half to L. R. Kiehl, Raton, N. Mex. Locomotive drifting and by-pass valve. 2,062,292; Dec. 1.
- Bulanda, Johann, Chicago, Ill. Automobile lock for gear shift levers. 2,047,404; July 14.
- Bulger, J. Arch. (See Strom, Algot, assignor.)
- Bulger, William A., Chicago, Ill., assignor to Petroleum Heat and Power Company, New York, N. Y. Control mechanism for air conditioning apparatus. 2,059,846; Nov. 3.
- Bulkeley, Claude A., assignor to Niagara Blower Company, New York, N. Y. Spray cooler. 2,038,536; Apr. 28.
- Bulkeley, Claude A., assignor to Niagara Blower Company, New York, N. Y. Cooling apparatus and method. 2,046,319; July 7.
- Bull, Arthur A., assignor to Handy Governor Corporation, Detroit, Mich. Stabilizer for suction governors. 2,048,423; July 21.
- Bull, Francis A., Milwaukee, Wis. Amalgam filling for teeth. 2,039,880; May 5.
- Bull, William R., Pelham Manor, N. Y. Moving picture and sound cabinet. 2,029,306; Feb. 4.
- Bullard Company, The. (See Bullard, Dudley B., assignor.)
- Bullard Company, The. (See Bullard, Edward C., assignor.)
- Bullard Company, The. (See Bullard, Edward P., assignor.)
- Bullard Company, The. (See Bullard, E. P., and Anderson, assignors.)
- Bullard Company, The. (See Schiltz, Bernard P., assignor.)
- Bullard, Dudley B., Southport, Conn., assignor to The Bullard Company. Gear shifting control mechanism. 2,058,294; Oct. 20.
- Bullard, E. D., Company. (See Bullard, Edward W., assignor.)
- Bullard, E. D. Company. (See Finn, John, Jr., assignor.)
- Bullard, E. D., Company. (See Glidden, Galen M., assignor.)
- Bullard, E. D., Company. (See Williamson, Evan D., assignor.)
- Bullard, Edward C. (See Bullard, Edward P., Jr., and E. C.)
- Bullard, Edward C., Fairfield, Conn., assignor to The Bullard Company. Metalworking. 2,044,494; June 16.
- Bullard, Edward C., Fairfield, Conn., assignor to The Bullard Company. Metal working apparatus. 2,044,495; June 16.
- Bullard, Edward C., Southport, Conn., assignor to The Bullard Company. Stationary tool metal working apparatus. 2,044,496; June 16.
- Bullard, Edward P., Fairfield, Conn., assignor to The Bullard Company. Mechanical chuck operator. 2,042,502; June 2.
- Bullard, Edward P., Jr., and E. C., Fairfield, Conn., assignors to The Bullard Company. Cylindrical surface turning machine. 2,035,043; Mar. 24.
- Bullard, Edward P., Bridgeport, and H. C. Anderson, Fairfield, Conn., assignors to The Bullard Company. Apparatus for stationary work turning. 2,044,829; June 23.
- Bullard, Edward W., San Francisco, assignor, by mesne assignments, to E. D. Bullard Company, San Francisco, Calif. Mask. 2,036,850; Apr. 7.
- Bullard, Edward W., assignor, by mesne assignments, to E. D. Bullard Company, San Francisco, Calif. Exhalation valve. 2,038,267; Apr. 21.
- Bullard, Edward W., assignor, by mesne assignments, to E. D. Bullard Company, San Francisco, Calif. Gas mask. 2,051,023; Aug. 18.
- Bullard, William J., West Orange, assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical measuring device. 2,060,849; Nov. 17.
- Bulldog Electric Products Company. (See Frank, Harrison J. L., assignor.)
- Bulldog Electric Products Company. (See Frank, H. J. L., and Harper, assignors.)
- Bulldog Electric Products Company. (See Frank, H. J. L., Messing, and Harper, assignors.)
- Bulldog Electric Products Company. (See Frank, William H., assignor.)
- Bulldog Electric Products Company. (See Frank, W. H., and Harper, assignors.)
- Bulldog Electric Products Company. (See Frank, W. H., and Messing, assignors.)



- Bulldog Electric Products Company. (See Frank, W. H., Messing and Frank, assignors.)
- Bullen, Arthur G., Sefton Park, Liverpool, England. Thermally actuated apparatus. 2,049,193; July 28.
- Buller, David W., Reedley, Calif. Automatic hair clipping attachment. 2,034,131; Mar. 17.
- Buller, Jacob W., Hillsboro, Kans. Saw set. 2,048,596; July 21.
- Bullinger, Willis H. (See Miller, Ralph W., assignor.)
- Bullock, Frank, Lake Geneva, Wis., assignor to Middlebury Electric Clock Corporation, Chicago, Ill. Air condition indicator. 2,044,239; June 16.
- Bullock, Frank E., Conventry, Engalnd. Valve for internal combustion engines. 2,065,049; Dec. 22.
- Bullum, Incorporated, et al. (See Bullum, Stephen, assignor.)
- Bullum, Stephen, Overton, assignor of three-fourths to A. D. Gaston, Austin, and one-fourth to Bullum, Incorporated, Austin, Tex. Cable or wire line clamp. 2,043,463; June 9.
- Bulmer, Ernest R., Great Falls, Mont. Trailer brake. 2,040,728; May 12.
- Bulmer, Frederick M., Marietta Township, Whatcom County, Wash. Green corn trimmer. 2,063,483; Dec. 8.
- Bulmer, Theodore N., Britt, Ontario, Canada. Roll window screen and brace. 2,056,341; Oct. 6.
- Bulova, Ardé, assignor to Bulova Watch Company, Inc., New York, N. Y. Watch. 2,034,651; Mar. 17.
- Bulova, Ardé, assignor to Bulova Watch Company, Inc., New York, N. Y. Watch construction. 2,062,637; Dec. 1.
- Bulova Watch Company. (See Bulova, Ardé, assignor.)
- Bulpit, Harry C., and S. S. Holden, assignors to Grant-Holden-Graham Limited, Ottawa, Ontario, Canada. Sleeping robe. 2,064,458; Dec. 15.
- Bultman, Henry D., et al. (See Hoffman, Alfred, assignor.)
- Bumann, Emil F., Chicago, Ill. Window construction. 2,064,459; Dec. 15.
- Bumb, Charles V., Indianapolis, Ind. Window sash fastener. 2,027,514; Jan. 14.
- Bumgardner, John W., assignor to Warwood Tool Company, Wheeling, W. Va. Brace. 2,037,877; Apr. 21.
- Bumpus, Jesse A. and H. J. Woodall, assignors to Woodall Industries Incorporated, Detroit, Mich. Trim panel. 2,035,588; Mar. 31.
- Bumpus, Jesse W., Memphis, Tenn. Paint mixer. 2,061,547; Nov. 24.
- Bumstead, William D., Cleveland, Ohio, assignor to General Electric Company. Machine for electrically welding wires. 2,034,560; Mar. 17.
- Bunbury, Hugh M. (See Clarke, R. B. F. F., and Bunbury.)
- Bunbury, Hugh M., R. B. F. F. Clarke, and W. J. R. Evans, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Adhesives and products derived therefrom. 2,046,015; June 30.
- Bunbury, Hugh M., Prestwich, and R. B. F. F. Clarke, Cheadle Hulme, England, assignors to Imperial Chemical Industries Limited. Stabilized rubber latex. 2,063,982; Dec. 15.
- Bunce, Earl H., and H. M. Haslam, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Zinc oxide. 2,036,566; Apr. 7.
- Bundick, Clarkson U., White Plains, and A. Berglund, Dobbs Ferry, N. Y., assignors, by mesne assignments, to Kinatome Patents Corporation, Ridgewood, N. J. Cinematographic apparatus. 2,036,918; Apr. 7.
- Bundy Tubing Company. (See Quarnstrom, Bert L., assignor.)
- Bungartz, Everhard. (See Kaufmann, W., and Bungartz.)
- Bünger, Albert, Berlin-Pankow, Germany, assignor to General Electric Company. Electric gaseous discharge device. 2,042,140; May 26.
- Bunin, Gallens, & Co. (See Gallens, Aaron, assignor.)
- Bunker, Darius W. (See Ballard, M. H., Bunker, Finn, Hardy, Seely, and Thomas.)
- Bunker, H. M., & Co. (See Bunker, H. M., Wheelwright, and Majors, assignors.)
- Bunker, Horace M., Summit, N. J., and G. S. Wheelwright, and F. P. Majors, assignors to H. M. Bunker & Co., Inc., New York, N. Y. Cloth rolling machine. 2,036,017; Mar. 31.
- Bunker, Lydia J. P., and D. R. Trinkle, Oakland, Calif., said Trinkle assignor to said Bunker. Thread severing and holding device. 2,056,342; Oct. 6.
- Bunker, Samuel R., Ellsworth, Maine. Cable connector. 2,032,834; Mar. 3.
- Bunn, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Welding rod and the like. 2,035,423; Mar. 24.
- Bunnell, Earl C., Stratford, assignor to Neva-Clog Products, Inc., Bridgeport, Conn. Stapling device. 2,041,523; May 19.
- Bunt, Edward T., assignor of one-half to F. E. J. Hill, Bristol, England. Sparking plug for internal combustion engines. 2,038,882; Apr. 28.
- Bunte Brothers. (See Towell, Oscar J., assignor.)
- Bunten, Theodore W. (See Cleveland, T. W., and Bunten.)
- Bunting Brass & Bronze Company, The. (See Yager, George F., assignor.)
- Bunting Brass and Bronze Company, The. (See Yager, G. F., and Heath, assignors.)
- Bunting Glider Company. (See Kirstein, Jacob, assignor.)
- Bunting, Reginald S., assignor to The British Radio Corporation Limited, London, England. Wireless receiving apparatus. 2,036,999; Apr. 14.
- Bunzell, Herbert H., New York, N. Y. Leavened bread manufacture. 2,033,180; Mar. 10.
- Bunzl, Walter G., New York, N. Y. Infrared ray reflector lamp. 2,054,669; Sept. 15.
- Buquor, Adolph P., assignor to Martin-Parry Corporation, York, Pa. Gun carriage. 2,044,278; June 16.
- Buquor, Adolph P., York, assignor by mesne assignments, to Reconstruction Finance Corporation, Philadelphia, Pa. Suspension and load equalizing system for vehicles. 2,060,789; Nov. 17.
- Burbank, Benjamin B., Brunswick, Maine, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Making hardened gelatin films and resulting product. 2,046,320; July 7.
- Burbank, Clement E., and B. A. Cushman, Bedford Hills, N. Y. Concrete floor and ceiling construction. 2,035,296; Mar. 24.
- Burbank, Clement E., and B. A. Cushman, Bedford Hills, N. Y. Casting concrete structural members. 2,058,295; Oct. 20.
- Burbridge, John R., Kenosha, Wis. Closure fastener. 2,041,396; May 19.
- Burch Corporation, The. (See Ross, Lester T., assignor.)
- Burch, Eli F., Laurel Springs, N. J., assignor to Cities Service Oil Company, Philadelphia, Pa. Semisolid plastic lubricant. 2,057,473; Oct. 13.
- Burch, Elwood S., assignor to Round Oak Furnace Company, Dowagiac, Mich. Furnace. 2,035,297; Mar. 24.
- Burchett, George W., Peekskill, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Artificial larynx. 2,058,212; Oct. 20.
- Burckhalter, Robert N., and J. M. Osburn, Michigan City, Ind., assignor to Michiana Products Corporation. Filter. 2,031,589; Feb. 25.
- Burckhalter, Robert N., and J. M. Osburn, assignors to Michiana Products Corporation, Michigan City, Ind. Oil filter. 2,035,530; Mar. 31.
- Bureky, Charles W., assignor to Teletype Corporation, Chicago, Ill. Two-color ribbon mechanism. 2,027,515; Jan. 14.
- Burd, Gorman C., Adrian, Mich., assignor to American Cable Company, Inc., New York, N. Y. Tubular stranded wire structure. 2,045,568; June 30.
- Burden, Harry C., assignor to Sandusky Foundry & Machine Co., Sandusky, Ohio. Countersinking. 2,053,261; Sept. 8.
- Burden, Jarrett H., assignor of one-half to C. C. Hall, Mount Vernon, Ill. Highway signal. 2,033,024; Mar. 3.
- Burdett, Horace H., assignor to Draper Corporation, Hopedale, Mass. Shuttle. 2,046,287; June 30.
- Burdett, Horace H., assignor to Draper Corporation, Hopedale, Mass. Shedding mechanism for looms. 2,058,129; Oct. 20.
- Burdick, Charles L., London, England. Hygroscopic apparatus. 2,039,292; May 5.
- Burdick, Frank, assignor to Shakespeare Company, Kalamazoo, Mich. Fishing reel. 2,048,835; July 28.
- Burdick, Irving E., New York, N. Y. Game. 2,037,064; Apr. 14.
- Burdick, Ralph V., Albany, N. Y. Dispensing top for containers. 2,037,116; Apr. 14.
- Burdick, Vincent H., Gardena, Calif. Cam assembly for brakes. 2,064,103; Dec. 15.
- Burditt, Arthur K., Roselle Park, N. J. Soap pulverizer and dispenser. 2,029,701; Feb. 4.
- Burgard, Charles R., assignor to The Nu Size Company, Inc., Joliet, Ill. Waterproofing size and making same. 2,044,056; June 16.
- Burgard, Margaret A., South Williamsport, assignor to C. A. Reed Company, Williamsport, Pa. Lollipop figure. 2,031,208; Feb. 18.
- Burge, Harry, assignor to Crampton Canneries, Inc., Celina, Ohio. Fruit and vegetable filling table. 2,029,054; Jan. 28.
- Burgener, John A., Hinsdale, Ill. Covering device. 2,030,134; Feb. 11.
- Burgeni, Alfred. (See Griffin, H. H., and Burgeni.)
- Burgeni, Alfred. (See Herzog, R. O., and Burgeni.)
- Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Spoke end mounted wheel. 2,048,177; July 21.
- Burger Iron Company, The. (See Krebs, Edmund P., assignor.)
- Burger, Leopold F., Riverside, Ill., assignor to International Harvester Company. Manifold construction. 2,048,918; July 28.
- Burger, Martin, Morris, assignor to Self-Locking Carton Company, Chicago, Ill. Automatic carton setting-up machine. 2,057,082; Oct. 13.
- Burger, Martin, Morris, assignor to Self-Locking Carton Co., Chicago, Ill. Setting-up mechanism. 2,063,364; Dec. 8.
- Burger, Michael, Munich, assignor to F. Deckel, Munich-Prinz Ludwigshöhe, Germany. Photographic camera. 2,028,752; Jan. 28.
- Burgerstein, Lothar, Rapperswil-Jona, Switzerland. Picker for looms. 2,048,836; July 28.
- Burgess, Alfred A., Brooklyn, and A. D. Knowlton, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter switchboard. 2,037,193; Apr. 14.



- Burgess Battery Company. (See Nygard, Halvard F., assignor.)
- Burgess Battery Company. (See Schulte, Walter B., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Burgess, Charles F., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Burgess, J., and Garbe, assignors.)
- Burgess, C. F., Laboratories, Inc. (See Day, John A., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Hartsock, Guy M., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Jack, William A., 3d, assignor.)
- Burgess, C. F., Laboratories, Inc. (See Kliefoth, Max H., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Spicer, Walter E., assignor.)
- Burgess Cellulose Company. (See Schorger, Arlie W., assignor.)
- Burgess, Charles F., Bokeelia, Fla., assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Sound absorbing construction. 2,028,272; Jan. 21.
- Burgess, Charles O., New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Producing castings. 2,038,639; Apr. 28.
- Burgess Company, Incorporated, The. (See La Place, Desmond R., assignor.)
- Burgess, Edward W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Combination road parting strip and sealing cap. 2,039,144; Apr. 28.
- Burgess, Edward W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Metal sealing cap for road parting strips. 2,039,775; May 5.
- Burgess, Jackson, and H. W. Garbe, Freeport, Ill., assignors to C. F. Burgess Laboratories, Inc., Madison, Wis. Illuminated display apparatus. 2,029,221; Jan. 28.
- Burgess, Joseph S., Sadieville, Ky. Wheel. 2,058,853; Oct. 27.
- Burgess, Marshall A., Baltimore, Md. Plastic. 2,047,058; July 7.
- Burgess Titanium Company. (See Svendsen, Svend S., assignor.)
- Burgess, Warren C., La Grange, and N. Contino, assignors to Burton-Dixie Corporation, Chicago, Ill. Wire forming machine. 2,062,552; Dec. 1.
- Burgey, Samuel S., U. S. Army, Pedricktown, N. J. Metal-working. 2,060,024; Nov. 10.
- Burggraf, Ivan. (See Reed, D. J., and Burggraf.)
- Burggraf, Justus, Bowlus, Minn. Safety hitch for tractors. 2,057,229; Oct. 13.
- Burghard, Edward G. (See Fourness, W., and Burghard.)
- Burghart, Lloyd M., Glenbrook, Conn., assignor to U. S. Industrial Alcohol Co., New York, N. Y. Composition and process for inhibiting corrosion. 2,038,988; Apr. 28.
- Burghoff, Henry L., Yalesville, and D. E. Lawson, Waterbury, assignors to The Chase Companies, Incorporated, Waterbury, Conn. Copper base alloy. 2,027,807; Jan. 14.
- Burgie, Alethea R., administratrix. (See Reichert, Paul F.)
- Burgin, James. (See Groll, H. P. A., and Burgin.)
- Burgoine, Edward, and C. W. Soutar, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of chlorinated indanthrone compounds. 2,035,459; Mar. 31.
- Burgoyne, Ernest C. (See Meyer, Ernst G. E., and Burgoyne.)
- Burgoyne, William J. (See Cordy, H. J., and Burgoyne.)
- Burgster, Nathan G., Chicago, Ill. Fountain pen. 2,028,645; Jan. 21.
- Burgwin, Stephen L. (See Frey, A. A., and Burgwin.)
- Burinicki, Sigismund, Newark, N. J. Windshield wiper attachment. 2,050,920; Aug. 11.
- Burk, Frederick S., Audubon, N. J. Oil testing device. 2,053,894; Sept. 8.
- Burk, Robert E., assignor to The Standard Oil Company, Cleveland, Ohio. Inhibiting gum in cracked distillates. 2,033,877; Mar. 10.
- Burk, Robert E., assignor to The Standard Oil Company, Cleveland, Ohio. Altering the boiling points of hydrocarbons. 2,033,878; Mar. 10.
- Burk, Robert E., assignor to The Standard Oil Company, Cleveland, Ohio. Treating lubricating stocks containing amorphous wax. 2,038,640; Apr. 28.
- Burk, Robert E., assignor to The Standard Oil Company, Cleveland, Ohio. Heat exchanger. 2,063,788; Dec. 8.
- Burk, Robert E., assignor to The Standard Oil Company (Ohio), Cleveland, Ohio. Countercurrent apparatus for treating petroleum oil. 2,063,789; Dec. 8.
- Burk, Robert E., and H. P. Lankelma, Cleveland, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cracked distillates of petroleum. 2,053,421; Sept. 8.
- Burka, Samuel M., Dayton, Ohio. Pilot director. 2,038,537; Apr. 28.
- Burke, Arthur R., assignor of forty-nine four hundredths to C. E. Genter, forty-nine four hundredths to C. F. Shields, forty-nine four hundredths to E. Lee, and forty-nine four hundredths to J. Ryan, Rochester, Minn. Fire escape device. 2,051,516; Aug. 18.
- Burke, Burt S., Forest Hills, Pa., and C. V. Heck, Elizabeth, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Potential control system. 2,057,512; Oct. 13.
- Burke, David F., Manchester, Mass. Acoustic device. 2,041,163; May 19.
- Burke, Earl I., Warren, assignor to Republic Steel Corporation, Youngstown, Ohio. Packaging. 2,029,983; Feb. 4.
- Burke, Earl I., Warren, assignor to Republic Steel Corporation, Youngstown, Ohio. Packaging coils. 2,065,649; Dec. 29.
- Burke, Earl I., Warren, assignor to Republic Steel Corporation, Youngstown, Ohio. Shipping unit. 2,065,650; Dec. 29.
- Burke, Edmund, Portland, and J. C. Sherman, Gorham, Me., assignors to Brown Company, Berlin, N. H. Multiple conduit section. 2,039,387; May 5.
- Burke, Ethlyn M. (See Burke, John E., assignor.)
- Burke, James L., Weebawken, assignor to Eldorado Escalator Company, Union City, N. J. Individual butter pack. 2,055,333; Sept. 22.
- Burke, James P., assignor of one-half to M. E. Green, Knoxville, Tenn. Door knocker. 2,046,868; July 7.
- Burke, James P., assignor to Electro Chemical Corporation, Knoxville, Tenn. Tablet dispensing container. 2,046,869; July 7.
- Burke, James P., assignor to Auto-Mold, Inc., Knoxville, Tenn. Apparatus for making plastic compositions. 2,055,742; Sept. 29.
- Burke, James P., assignor of one-third to J. L. Callaway, Sr., Knoxville, Tenn. Heater. 2,060,795; Nov. 17.
- Burke, John E., assignor to E. M. Burke, Fond du Lac, Wis. Hanger for playground swings. 2,026,670; Jan. 7.
- Burke, John F., assignor, by mesne assignments, to Da-Burk Holding Corporation, Miami, Fla. Vending machine. 2,039,282; May 5.
- Burke, Paul. (See Blosser, J. E., and Burke.)
- Burke, Paul, and A. Orloff, assignors to Northwest Engineering Corporation, Green Bay, Wis. Pull shovel. 2,036,680; Apr. 7.
- Burke, Ralph, Springfield, assignor to The Ohio Steel Foundry Company, Lima, Ohio. Return bend fitting. 2,039,388; May 5.
- Burke, Ralph H., et al. (See Ulrich, Charles B., assignor.)
- Burke, Robert F., Phoenixville, Pa. Border edger. 2,032,467; Mar. 3.
- Burke, Stephen P., Mongantown, W. Va., assignor to Doherty Research Company, New York, N. Y. Apparatus for partial oxidation of hydrocarbons. 2,044,665; June 16.
- Burke, William F., assignor to The McBee Company, Athens, Ohio. Printing press for printing spots of wax carbon on sheets of paper. 2,032,047; Feb. 25.
- Burke, William H., assignor of one-fourth to G. W. Myrland, and one-fourth to G. W. Prichard, Onawa, Iowa. Dispenser. 2,029,055; Jan. 28.
- Burkhard, Carl. (See Barler, R. C., and Burkhard.)
- Burkhard, Myron J., Ridgewood, N. J., assignor to Socony-Vacuum Oil Company Incorporated, New York, N. Y. Distillation of oils. 2,049,247; July 28.
- Burkhard, Myron J., Ridgewood, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method and apparatus for distillation of hydrocarbons. 2,057,004; Oct. 13.
- Burkhardt, Arthur. (See Sachs, G., and Burkhardt.)
- Burkhardt, Frederick J., assignor to Copalite Reflecting Signal Co. Ltd., San Francisco, Calif. Safety zone device. 2,046,321; July 7.
- Burkhart, Kenneth C., Prosser, Wash. Fuel pump. 2,057,624; Oct. 13.
- Burkholder, John C. (See Tebo, G. B., and Burkholder.)
- Burkitt, Henry L. (See Williams, John, assignor.)
- Burkitt, Joel L. (See Bennett, H. T., and Burkitt.)
- Burks, Arthur W., Decatur, Ill. Rotary pump. 2,053,553; Sept. 8.
- Burleigh, Selma M., Albany, N. Y. Ear protector. 2,060,553; Nov. 10.
- Burlein, Gustave, Huntington Park, Calif. Bracket. 2,045,751; June 30.
- Burleson, M. L. (See Zorn, John C., assignor.)
- Burleson, Wade H., assignor to The Ohio Brass Company, Mansfield, Ohio. Insulated strain device. 2,055,650; Sept. 29.
- Burlingame, Leslie G., Erlton, N. J., assignor to Radio Corporation of America. Condenser. 2,064,819; Dec. 22.
- Burlington Mills, Incorporated. (See McMillan, William A., assignor.)
- Burmeister, Louis, Milwaukee, Wis. Scalping apparatus. 2,053,895; Sept. 8.
- Burn, Walter S., Hartlepool, assignor to The National Gas and Oil Engine Company Limited, Alfred Bickerton Balmford, Ashton-under-Lyne, and Walter S. Burn, Hartlepool, England. Piston construction of internal combustion engines. 2,064,371; Dec. 15.
- Burndy Engineering Co. (See Lee, Marvin, assignor.)
- Burnelli Aircraft, Ltd. (See Burnelli, Vincent J., assignor.)
- Burnelli Aircraft, Ltd. (See Upperco, Inglis M., assignor.)
- Burnelli, Vincent J., Keyport, N. J., assignor to Burnelli Aircraft, Ltd. Airplane. 2,031,876; Feb. 25.
- Burner, James A., assignor to Air Systems Incorporated, Minneapolis, Minn. Refrigeration process and apparatus. 2,029,153; Jan. 28.



- Burnett, Arthur, Halstead, Kans. Combination rail and pipe line device. 2,052,865; Sept. 1.
- Burnett, Charles S., Presidio of San Francisco, Calif. Safety device for pneumatic tire vehicles. 2,052,277; Aug. 25.
- Burnett, Newton O., and E. Schmidt, Flushing, N. Y. Pantographic reproducing machine. 2,032,350; Mar. 3.
- Burnett, Richard W., Chicago, Ill. Hand brake mechanism. 2,054,651; Sept. 15.
- Burnette, William A., Hartford, Mich., assignor to Cookware Company of America, Hartford, Mich. Combination skillet structure. 2,061,610; Nov. 24.
- Burney, Hugh W., Dallas, Tex. Multiple firing blasting apparatus. 2,044,666; June 16.
- Burney, Johnnie K., et al. (See Richardson, William F., assignor.)
- Burnham, Charles, Washington, D. C., assignor of one-half to R. Burnham, Pasadena, Calif. Reciprocating valve. 2,037,497; Apr. 14.
- Burnham, Ralph. (See Burnham, Charles; assignor.)
- Burnham, Stanley W. (See Gleason, F. J., and Burnham.)
- Burnham, Stanley W., Elizabeth, assignor to Merck & Co., Inc., Rahway, N. J. Display package. 2,050,270; Aug. 11.
- Burnish, Howard J., Sewickley, assignor to Spang, Chalfont & Company, Inc., Pittsburgh, Pa. Machine and method for electrically welding tubes. 2,047,254; July 14.
- Burnley, Robert C., Louisville, Ky. Table and book ledge. 2,040,077; May 12.
- Burnley, Robert C., Louisville, Ky. Tray rack. 2,043,605; June 9.
- Burns, Adele, New York, N. Y. Erecting prefabricated houses and the like. 2,048,537; July 21.
- Burns, Alfred P. (See Blood, H. L., and Burns.)
- Burns, Charles R., assignor to Vanity Fair Silk Mills, Reading, Pa. Warp knit girdle with integral supporting panels. 2,026,963; Jan. 7.
- Burns, Erwin, et al. (See Black, Millard S., assignor.)
- Burns, Erwin, Los Angeles, and H. P. Wickersham, Huntington Park, Calif. Releasable jarring tool. 2,026,931; Jan. 7.
- Burns, Erwin, Los Angeles, and H. P. Wickersham, Huntington Park, Calif. Releasing overshot. 2,028,966; Jan. 28.
- Burns, Erwin, Los Angeles, and H. P. Wickersham, Huntington Park, Calif. Well tool. 2,029,609; Feb. 4.
- Burns, Erwin, Los Angeles, and H. P. Wickersham, Huntington Park, assignors of one-third to L. F. Baash, Los Angeles, Calif. Safety joint. 2,049,289; July 28.
- Burns, Erwin, and H. P. Wickersham, assignors of one-third to L. P. Baash, Los Angeles, Calif. Drilling safety joint. 2,049,290; July 28.
- Burns, Frank S., Milwaukee, Wis. Gas meter. 2,038,412; Apr. 21.
- Burns, Fred J., assignor to The Columbia Mills, Inc., Saginaw, Mich. Self-locking bracket. 2,030,960; Feb. 18.
- Burns, Fred J., assignor to The Columbia Mills, Inc., Saginaw, Mich. Automatic stop device. 2,054,240; Sept. 15.
- Burns, Fred J., assignor to The Columbia Mills, Inc., Saginaw, Mich. Venetian blind. 2,054,241; Sept. 15.
- Burns, Furel R., Mentone, Ind. Device for glazing doughnuts. 2,028,435; Jan. 21.
- Burns, George A., and P. F. Gunning, Liverpool, England, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Remote control system. 2,056,770; Oct. 6.
- Burns, Jabez, & Sons, Inc. (See Keenan, Joseph H., assignor.)
- Burns, Jabez & Sons, Inc. (See Kopf, John C., assignor.)
- Burns, James E., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Priming mixture. 2,038,097; Apr. 21.
- Burns, Joseph A., Toronto, Ontario, Canada. Independent screw closure. 2,039,145; Apr. 28.
- Burns, Joseph E., Syracuse, N. Y. Citrous fruit tool. 2,032,562; Mar. 3.
- Burns, Laurence, Revere, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electric discharge lamp. 2,061,892; Nov. 24.
- Burns, Lee H., San Francisco, Calif. Dispensing device. 2,052,445; Aug. 25.
- Burns, Ralph E., Los Angeles, Calif., assignor to Refining, Inc., Reno, Nev. Producing saponified material. 2,037,004; Apr. 14.
- Burns, Robert, Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impact testing device and method. 2,028,190; Jan. 21.
- Burnside, Don G., East Orange, N. J., assignor to Radio Corporation of America. Automatic volume control. 2,037,456; Apr. 14.
- Burnside, Don G., East Orange, N. J., assignor to Radio Corporation of America. Combined diode detector and amplifier circuit. 2,045,290; June 23.
- Burnside, Don G., Philadelphia, Pa., assignor to Radio Corporation of America. Combined detector-automatic volume control circuits. 2,048,100; July 21.
- Burnside, James H., 2d, New York, N. Y. Counting device. 2,065,048; Dec. 22.
- Buron, Harry A., Cambridge, and J. V. MacDonough, Watertown, Mass., assignors, by mesne assignments, to Arthur D. Little, Inc. Preparing zein. 2,044,769; June 23.
- Burpee Can Sealer Company. (See Burpee, Frank W., assignor.)
- Burpee, Frank W., assignor to Burpee Can Sealer Company, Chicago, Ill. Can seaming machine. 2,055,998; Sept. 29.
- Burrell, Edward P., Shaker Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,039,146; Apr. 28.
- Burrell, Edward P., Shaker Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,055,651; Sept. 29.
- Burrell, William C., Kankakee, assignor to W. C. Fischer, Chicago, Ill. Center strip and support. 2,027,516; Jan. 14.
- Burris, Nellie E., Frederick, Md. Toy. 2,056,090; Sept. 29.
- Burroughs Adding Machine Company. (See Authier, Louis J., assignor.)
- Burroughs Adding Machine Company. (See Brockman, Robert T., assignor.)
- Burroughs Adding Machine Company. (See Dahl, Conrad C., assignor.)
- Burroughs Adding Machine Company. (See Henderson, Robert R., assignor.)
- Burroughs Adding Machine Company. (See Horton, A. A., and Rowland, assignors.)
- Burroughs Adding Machine Company. (See Muller, Robert L., assignor.)
- Burroughs Adding Machine Company. (See Pasinski, Walter J., assignor.)
- Burroughs Adding Machine Company. (See Raczy, Ernest, assignor.)
- Burroughs Adding Machine Company. (See Rowland, D. P., and Bower, assignors.)
- Burroughs Adding Machine Company. (See Rowland, D. P., and Dahl, assignors.)
- Burroughs Adding Machine Company. (See Sampson, Leroy J., assignor.)
- Burroughs Adding Machine Company. (See Saunders, Lyman G., assignor.)
- Burroughs, George W. (See Kraemer, L. G., and Burroughs.)
- Burroughs, Samuel G., Pittsburgh, Pa., assignor to Pennsylvania Coal Products Company. Hydrolyzing chlorophenols. 2,041,592; May 19.
- Burroughs, Samuel G., assignor to Pennsylvania Coal Products Company, Pittsburgh, Pa. Hydrolyzing chloralkyl phenols. 2,041,593; May 19.
- Burroughs, Samuel G., Pittsburgh, Pa., assignor to Pennsylvania Coal Products Company. Conducting alkali fusions. 2,043,232; June 9.
- Burrow, Herbert T., Beaver Dam, assignor to Malleable Iron Range Company, Beaver Dam, Wis. Range. 2,032,252; Feb. 25.
- Burrows, Fred J., Ticonderoga, and W. H. Burrows, Crown Point, N. Y. Carburetor. 2,041,524; May 19.
- Burrows, Robert J., and A. O. Williams, assignors to Clark Tractor Company, Battle Creek, Mich. Truck. 2,036,194; Apr. 7.
- Burrows, Robert J., and A. O. Williams, assignors to Clark Tractor Company, Battle Creek, Mich. Rail car. 2,051,073; Aug. 18.
- Burrows, Robert J., and A. O. Williams, assignors to Clark Tractor Company, Battle Creek, Mich. Rail car. 2,051,074; Aug. 18.
- Burrows, Robert J., and A. O. Williams, assignors to Clark Tractor Company, Battle Creek, Mich. Rail car. 2,051,075; Aug. 18.
- Burrows, Robert J., and A. O. Williams, assignors to Clark Tractor Company, Battle Creek, Mich. Wheel. 2,054,803; Sept. 22.
- Burrows, Robert J., and A. O. Williams, assignors to Clark Tractor Company, Battle Creek, Mich. Wheel. 2,054,804; Sept. 22.
- Burrows, Robert J., and A. O. Williams, assignors to Clark Tractor Company, Battle Creek, Mich. Signal means for rail cars. 2,057,474; Oct. 13.
- Burrows, William H. (See Burrows, Fred J., and W. H.)
- Burry, Arthur A., Toronto, Ontario, Canada. Washing machine. 2,050,484; Aug. 11.
- Burston, Richard, Toronto, Ontario, Canada. Installing valve seats. 2,066,136; Dec. 29.
- Burt, Alexander D. (See Buedon, E. C., Burt, and Shoup.)
- Burt, Alexander D., Narberth, Pa., A. J. Rohner, Haddon Heights, and Frederic Shoup, Oaklyn, N. J., assignors to Radio Corporation of America. Vibrator power supply system. 2,060,025; Nov. 10.
- Burt, Archie R., Hermann, Mo. Electrical frequency regulator. 2,037,696; Apr. 21.
- Burt, Boulton & Haywood, Limited. (See Elphick, F. C., and Gray, assignors.)
- Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Trap ring for core barrels. 2,044,057; June 16.
- Burt, Daniel W., Providence, R. I. Manuscript manipulator. 2,054,459; Sept. 15.
- Burt, F. N., Company Limited. (See Dreux, A. H., and Royal, assignors.)
- Burt, Harold A., St. Albans, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,038,714; Apr. 28.
- Burt, Leo O., Dearborn, Mich. Transmission controlling device. 2,044,463; June 16.
- Burt Machine Company. (See Wild, Charles H., assignor.)



- Burt, Robert C., Pasadena, Calif. Power plant. 2,054,570; Sept. 15.
- Burt-Warner Power Corporation. (See Otis, Russell M., assignor.)
- Burnett, Richard J., Baltimore, Md. Spark plug. 2,047,575; July 14.
- Burton, Blake. (See Ellwood, I. L. 2d, and Burton.)
- Burton-Dixie Corporation. (See Burgess, W. C. and Contino, assignors.)
- Burton-Dixie Corporation. (See Burton, Oliver M., assignor.)
- Burton-Dixie Corporation. (See Perlesz, H., and Pearce, assignor.)
- Burton-Dixie Corporation. (See Pittoni, Angelo, assignor.)
- Burton-Dixie Corporation. (See Trotta, L., and Perlesz, assignors.)
- Burton-Dixie Corporation. (See Ward, John C., Jr., assignor.)
- Burton-Dixie Corporation. (See Wesley, Arthur, assignor.)
- Burton, Euclid, O., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Noise suppression device for automobile radio receivers. 2,065,651; Dec. 29.
- Burton, Everett T., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifier. 2,033,274; Mar. 10.
- Burton, Everett T., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph repeater. 2,039,629; May 5.
- Burton, Everett T., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiplex transmission system. 2,046,057; June 30.
- Burton, Frank F., Mount Carmel, assignor to Winchester Repeating Arms Company, New Haven, Conn. Firearm. 2,037,065; Apr. 14.
- Burton, Frank F., Mount Carmel, assignor to Winchester Repeating Arms Company, New Haven, Conn. Safety-device for bolt-action firearms. 2,043,281; June 9.
- Burton, Frank W., San Diego, Calif. Vacuum cleaner dust bag emptying means. 2,033,179; Mar. 10.
- Burton, Harry H., assignor to Slater Mills, Inc., Webster, Mass. Imitation linen fabric. 2,031,209; Feb. 18.
- Burton, Harry H., assignor to Slater Mills, Inc., Webster, Mass. Loom. 2,045,978; June 30.
- Burton, John, Edgbaston, Birmingham, England. Scaffolding coupling. 2,060,171; Nov. 10.
- Burton, Milton, assignor, by mesne assignments, to Eugene, Ltd., New York, N. Y. Permanent waving apparatus. 2,057,005; Oct. 13.
- Burton, Oliver M., assignor to Burton-Dixie Corporation, Chicago, Ill. Mattress. 2,060,172; Nov. 10.
- Burton, Robert H., Oakland, Calif. Book supporting device. 2,059,679; Nov. 3.
- Burton, Robert N., River Forest, Ill., assignor to Kirchen Bros. Inc., Chicago, Ill. Artificial flower-making device. 2,062,276; Nov. 24.
- Burton, Wallace A. (See Lackey, Horace, assignor.)
- Burton, Warren D., assignor to Combustioneer, Inc., Goshen, Ind. Stoker. 2,033,919; Mar. 17.
- Burton, Warren D., Goshen, Ind., assignor, by mesne assignments, to The Steel Products Engineering Company, Springfield, Ohio. Furnace. 2,054,805; Sept. 22.
- Burton, Warren D., Goshen, Ind., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company. Heating system control. 2,064,194; Dec. 15.
- Burwell, Arthur W., Niagara Falls, assignor to Alox Corporation, New York, N. Y. Lubricant composition. 2,043,923; June 9.
- Burwell, Arthur W., Niagara Falls, and A. Kempe, Hackensack, N. J., assignors to Alox Corporation, New York, N. Y. Emulsion oil composition. 2,043,922; June 9.
- Burwell, John A., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective switch. 2,039,630; May 5.
- Burwick, Lloyd W., Pomona, Calif., assignor to Brogden Company, Winter Haven, Fla. Fastener. 2,028,714; Jan. 21.
- Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake shoe key. 2,028,753; Jan. 28.
- Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Spring means for car truck bolsters. 2,030,681; Feb. 11.
- Busch, Emil, Aktiengesellschaft, Optische Industrie, firm. (See Ursinus, Otto, assignor.)
- Busch, John S. (See Weyerhaeuser, F., and Busch.)
- Busch-Sulzer Bros.-Diesel Engine Company. (See Polister, Edward B., assignor.)
- Busch-Sulzer Bros.-Diesel Engine Company. (See Schneider, Rudolph, assignor.)
- Busch-Sulzer Bros.-Diesel Engine Company. (See Wohanka, George J., assignor.)
- Busch, Werner, Dormagen, and P. Wolski, Leverkusen-Wiesdorf Company, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Imbedding mass for dental purposes. 2,054,894; Sept. 22.
- Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Variable antenna arrangement. 2,036,456; Apr. 7.
- Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cooling device. 2,064,372; Dec. 15.
- Buschenfeldt, Karl W., Stoughton, Mass. Tourniquet. 2,045,750; June 30.
- Buschenfeldt, Karl W., Stoughton, Mass. Scoliosis corrective brace. 2,060,173; Nov. 10.
- Buschman, Edward. (See Edmunds, John D., assignor.)
- Bussey, Herbert S. (See McKean, J. R., and Bussey, assignors.)
- Bush, A. G. (See Criner, Harry J., assignor.)
- Bush, Arthur G., Davenport, Iowa. Bottle. 2,061,095; Nov. 17.
- Bush, Bernard, Bronx, and B. Wolk, New York, N. Y. Amusement device. 2,058,854; Oct. 27.
- Bush, Dr. C. Abbott. (See Shigley, William W., assignor.)
- Bush, Edward R., Lemont, Ill., assignor to Chadeloid Chemical Company, New York, N. Y. Coated article and composition therefor. 2,044,770; June 23.
- Bush, Eugene S., assignor to Bush Manufacturing Company, St. Louis, Mo. Clutch mechanism. 2,053,020; Sept. 1.
- Bush, Eugene S., assignor to Bush Manufacturing Company, St. Louis, Mo. Electromagnetic control device. 2,054,806; Sept. 22.
- Bush, John C. (See Picard, J. B., and Bush.)
- Bush Manufacturing Company, The. (See Bappler, Charles T., assignor.)
- Bush Manufacturing Company. (See Bush, Eugene S., assignor.)
- Bush, Olney, Buffalo, N. Y. Animal grading device. 2,045,176; June 23.
- Bush, Philip L., San Francisco, and F. Ruediger, Oakland, assignors to Pacific Machinery Company, San Francisco, Calif. Peach pitter. 2,032,737; Mar. 3.
- Bush, Ralph R., Manoa, Pa., assignor to General Electric Company. Operating mechanism. 2,031,458; Feb. 18.
- Bush, Rankin J. (See Lynn, E. K., and Bush.)
- Bush, Rankin J. (See McWhirter, J. S., and Bush.)
- Bush, Rankin J., Jeannette, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake controlling means. 2,039,701; May 5.
- Bush, Vannevar, Medford, Mass., assignor, by mesne, assignments to Raytheon Manufacturing Company, Newton, Mass. Amplifying system. 2,032,253; Feb. 25.
- Bush, William C., assignor of twenty-five per cent to J. R. Mathers and fifteen per cent to T. Havill, Montreal, Quebec, Canada. Joining printing elements. 2,050,993; Bushnell, Charles R. (See Petersen, J., and Bushnell.)
- Bushnell, Charles S., assignor to General Railway Signal Company, Rochester, N. Y. Recorder for centralized traffic controlling systems. 2,027,718; Jan. 14.
- Bushnell, Charles S., assignor to General Railway Signal Company, Rochester, N. Y. Indicating means for railway signaling system. 2,027,719; Jan. 14.
- Bushnell, Charles S., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,042,650; June 2.
- Bushnell, Charles S., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,049,406; July 28.
- Bushnell, Charles S., assignor to General Railway Signal Company, Rochester, N. Y. Automatic train control system. 2,058,770; Oct. 27.
- Bushnell, Charles S., assignor to General Railway Signal Company, Rochester, N. Y. Traffic controlling system for railroads. 2,062,861; Dec. 1.
- Bushnell, Charles S., and W. T. Powell, assignors to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,060,413; Nov. 10.
- Bushwick Can Co. Inc. (See Fuller, Albert G., assignor.)
- Busiek, William A., assignor to A. E. Fellner, Belleville, Ill. Range. 2,032,048; Feb. 25.
- Busignies, Henri G., Paris, France, assignor to Western Electric Company, Incorporated, New York, N. Y. Direction finding antenna system. 2,062,441; Dec. 1.
- Buskard, Samuel G., Richmond Hill, N. Y. Stoker. 2,039,389; May 5.
- Buskirk, Lee S., Portland, Oreg. Spring lifting device. 2,038,641; Apr. 28.
- Buss, John, assignor to Provincial Paper Limited, Toronto, Ontario, Canada. Process and apparatus for making paper. 2,054,214; Sept. 15.
- Bussard, Emmery J. H., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Operation of electrical condensers. 2,034,327; Mar. 17.
- Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam support. 2,040,512; May 12.
- Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam support. 2,040,513; May 12.
- Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Car door. 2,045,291; June 23.
- Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway brake structure. 2,049,601; Aug. 4.
- Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway brake gear device. 2,053,548; Sept. 8.
- Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake gear guard. 2,065,791; Dec. 29.
- Busse, Edwin G., and H. W. Ekholm, assignors to Chicago Railway Equipment Company, Chicago, Ill. Third point support shoe. 2,027,147; Jan. 7.
- Bussey, Everett E. (See Cross, H., and Bussey.)
- Bustamante, Alberto, Mexico, D. F., Mexico. Electrode holder. 2,044,058; June 16.



- Bustamante, Cesar, New York, N. Y. Lip stick package. 2,042,584; June 2.
- Bustamante, Cesar, assignor to M. D. Koppel, New York, N. Y. Hat fastening device. 2,033,610; Mar. 10.
- Buswell, Arthur M., and C. S. Boruff, Urbana, Ill. Digestion of industrial wastes. 2,029,702; Feb. 4.
- Butacon Aktiengesellschaft. (See Bermann, Viktor, assignor.)
- Butcher, Claude R., Pullman, Wash. Toy aeroplane. 2,035,531; Mar. 31.
- Butcher, Henry J., assignor to The Leyland and Birmingham Rubber Company, Limited, Leland, near Preston, England. Fluid valve. 2,040,356; May 12.
- Butenandt, Adolf, Gottingen, assignor to Schering-Kahlbaum A. G., Berlin, Germany. Manufacture of a follicle hormone-quinoline addition product. 2,047,307; July 14.
- Butler, Albert D. (See Zange, Ernst T., assignor.)
- Butler, Arthur G., Eggertsville, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Landing gear. 2,034,083; Mar. 17.
- Butler, Claude, Los Angeles, Calif. Hood clamping device. 2,060,026; Nov. 10.
- Butler, Courtland L. (See Cretcher, L. H., Butler, and Renfrew.)
- Butler, Courtland L. (See Cretcher, L. H., Nelson, Butler, and Renfrew.)
- Butler, Courtland L. (See Souther, B. L., Butler, and Cretcher.)
- Butler, Courtland L., and L. H. Cretcher, Pittsburgh, Pa., assignors to Mellon Institute of Industrial Research. Hydroxyethylapoquinine and its production. 2,033,679; Mar. 10.
- Butler, Cyrus O., and S. M. Bear, Kingsport, Tenn., assignors, by mesne assignments, to Eastman Kodak Co., Jersey City, N. J. Construction of spinning jets. 2,058,408; Oct. 27.
- Butler, Edward A., assignor, by mesne assignments, to La Fain, Inc., Buffalo, N. Y. Composition and method for treating hair. 2,056,135; Sept. 29.
- Butler, Fabius M., Seattle, Wash. Ink bottle. 2,048,101; July 21.
- Butler, Frank D., United States Navy, Bremerton, Wash. Fuel atomizing and injecting assembly for internal combustion engines. 2,037,702; Apr. 21.
- Butler, George E. (See de Lannoy, Charles F., assignor.)
- Butler, George F., Oakland, Calif. Closure for meat grinders or the like. 2,034,084; Mar. 17.
- Butler, Henry E., Scotia, N. Y. Domestic cooking receptacle. 2,034,940; Mar. 24.
- Butler, James C., Vancouver, British Columbia, Canada. Shake splitting machine. 2,031,877; Feb. 25.
- Butler, John M. (See Fraher, R. E., Butler, Hendricks, and Kipman.)
- Butler, Joseph D. (See Butler, Ludovica and J. D.)
- Butler-Kuhn Corporation. (See Kuhn, George, assignor.)
- Butler, Ludovica and J. D., San Francisco, Calif. Bird feed receptacle. 2,031,874; Feb. 25.
- Butler Manufacturing Company. (See Bradley, Ralph A., assignor.)
- Butler Manufacturing Company. (See Bradley, R. A., and Norquist, assignor.)
- Butler Manufacturing Company. (See Bradley, R. A., Norquist, E. E., and V. C., assignors.)
- Butler Manufacturing Company, et al. (See Cross, W. M., Jr., Buder and Norquist, assignors.)
- Butler Manufacturing Company. (See Norquist, Victor C., assignor.)
- Butler Manufacturing Company. (See Norquist, V. C., and Bradley, assignors.)
- Butler, Marcus B., Jr., and C. B. Conwell, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Door construction. 2,060,608; Nov. 10.
- Butler, Noble C., assignor to The National Tile Company, Anderson, Ind. Shipping crate or box for tiles. 2,065,050; Dec. 22.
- Butler Paper Products Company, The. (See Decker, Homer A., assignor.)
- Butler, Thomas M., Chicago, Ill. Bed and the like. 2,036,394; Apr. 7.
- Butler, Thomas M., Chicago, Ill. Bed and the like. 2,036,395; Apr. 7.
- Butler, Willard J., Scituate, Mass. Program device for player musical instruments. 2,034,224; Mar. 17.
- Buttari, Raul L., Los Pinos, Cuba, assignor to Standard Oil Development Company. Automatic viscosity device. 2,066,249; Dec. 29.
- Butterbaugh, Homer W., Kenosha, Wis., assignor to The American Brass Company, Waterbury, Conn. Welding rod alloy. 2,028,317; Jan. 21.
- Butterfield, Emory E., Davenport, Iowa, assignor of one-half to Leland K. Ford, Chicago, Ill. Metal lacing. 2,026,671; Jan. 7.
- Butterfield, Wendell. (See Lane, G. T., and Butterfield.)
- Butterworth, Arthur B., Brooklyn, N. Y., assignor to Butterworth System, Inc. Freeing a container of asphaltic and oily materials. 2,045,752; June 30.
- Butterworth, Carl E., New Gulf, and J. W. Schwab, Gulf, Tex., assignors to The Koppers Company of Delaware. Treating sulphur-mining bleed-water. 2,041,397; May 19.
- Butterworth, Samuel D., Detroit, Mich., assignor, by mesne assignments, of ninety-nine per cent to The Worth Company. Car loading device. 2,034,893; Mar. 24.
- Butterworth, Samuel D., Detroit, Mich., assignor of ninety-nine percent to the Worth Company. Car loading device. 2,060,027; Nov. 10.
- Butterworth System, Inc. (See Butterworth, Arthur B., assignor.)
- Butterworth System Incorporated. (See Jett, George H., assignor.)
- Butterworth, Willoughby H., Oak Park, Ill., assignor to J. F. Meyer, Pasadena, Calif. Vending machine cabinet. 2,037,311; Apr. 14.
- Buttfield, Alfred C., North Plainfield, and R. W. Muller, Sewaren, N. J., assignors to The Vulcan Detinning Company. Baling press. 2,029,984; Feb. 4.
- Buttfield, William J., North Plainfield, assignor to The Vulcan Detinning Company, Sewaren, N. J. Manufacture of stannic chloride. 2,047,545; July 14.
- Büttner, Arthur, assignor to Schnellpressenfabrik Aktiengesellschaft Heidelberg, Heidelberg, Germany. Inking apparatus for platen printing presses. 2,042,769; June 2.
- Buttner-Werke Aktiengesellschaft. (See Schneider, E., and Blum, assignors.)
- Buttner, William C., and S. D. Levings, Winnetka, assignors to Bastian-Blessing Company, Chicago, Ill. Carbonated liquid dispensing apparatus. 2,055,923; Sept. 29.
- Buttolph, Leroy J., Grantwood, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Supporting base for electric discharge devices. 2,056,157; Oct. 6.
- Button, Charley A., Arcadia, Calif. Vehicle wheel testing instrument. 2,032,399; Mar. 3.
- Button, Leon A., New Berlin, N. Y. Manure spreader. 2,043,151; June 2.
- Button Machine Company. (See Carris, Clarence P., assignor.)
- Butts, Durain C., Fairville, Pa., assignor to Hercules Powder Company, Wilmington, Del. Hydrogenation of esters of abietic acid. 2,042,585; June 2.
- Butts, Durain C., Sandusky, Ohio, assignor to Hercules Powder Company, Wilmington, Del. Refining rosin. 2,035,141; Mar. 24.
- Butts, Guy M. (See Mohler, James V., assignor.)
- Butts, Le Roy, San Francisco, Calif. Watch cleaning machine. 2,060,277; Nov. 10.
- Butz, Edward D., Fallsade, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,055,652; Sept. 29.
- Butz, Karl, Chemnitz, Saxony, Germany, assignor, by mesne assignments, to American Hyalcol Corporation, Wilmington, Del. Pyrophosphoric acid esters of higher aliphatic alcohols and preparing the same. 2,053,653; Sept. 8.
- Butz, Karl, Chemnitz, Gustav Deuschle, and G. Simon, Stuttgart, assignors to H. Th. Bohme Aktiengesellschaft, Chemnitz, Germany. Bleaching fibrous material. 2,048,991; July 28.
- Buxbaum, Edwin C., Shorewood, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing formylamino anthraquinones and products obtainable by said process. 2,063,027; Dec. 8.
- Buxbaum, Edwin C., Sherwood, and H. R. Lee, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the anthraquinone series and preparing them. 2,063,028; Dec. 8.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 2,030,496; Feb. 11.
- Buxton, Warner R., Longmeadow, Mass. Portfolio. 2,053,695; Sept. 8.
- Byersch, Heinrich. (See Krantz, H., and Buysch, assignors.)
- Byars, Logan C., Los Angeles, Calif. Combined tire inflater and pressure gauge. 2,047,405; July 14.
- Byck, Lawrence C., Elizabeth, N. J., assignor to Bakelite Corporation, New York, N. Y. Molding mixtures and their manufacture. 2,044,969; June 23.
- Bye, Charles E., Kansas City, Kans. Ore concentrator. 2,034,225; Mar. 17.
- Byerlein, Arthur A., Detroit, Mich. Toilet bowl. 2,049,534; Aug. 4.
- Byers, A. M., Company. (See Story, E. B., and Case, assignors.)
- Byers, Edward R., Williams, Ariz. Shoe flexing device. 2,048,837; July 28.
- Byers, Edwin H., Jefferson, Pa. Dispenser caps for containers. 2,040,545; May 12.
- Byers, Frederick D., Cullercoats, assignor of one-half to C. Crofton and Company (Engineers) Limited, Newcastle-on-Tyne, England. Oscillatory gear. 2,039,679; May 5.
- Byers, Frederick D., Cullercoats, assignor of one-half to C. Crofton and Company, (Engineers) Limited, Wallsend-on-Tyne, England. Percussive tool. 2,039,680; May 5.
- Byers, Horace G. (See Scott, W., and Byers.)
- Byers, John M., Flint, Mich. Composition for absorbing vibration and sound. 2,047,576; July 14.
- Byers, William B., Kansas City, Mo. Treating vermiculites. 2,030,239; Feb. 11.
- Ryford, George E. (See Rapisarda, Edward D., assignor.)
- Byington, James A., Orlando, Fla. Hand truck. 2,062,498; Dec. 1.
- Byler, Albert E., Los Angeles, Calif. Thermostatic control system. 2,034,894; Mar. 24.
- Byrd, Don, Franklin, W. Va. Mechanical ballot. 2,065,425; Dec. 22.



- Byrd, Ruddell J., Waxahachie, Tex. Humidifier. 2,047,767; July 14.
- Byrne, Clarence O. (See Forbes, A. L., Jr., and Byrne.)
- Byrne, Julius I., Detroit, Mich. Device for securing doors in closed position. 2,054,191; Sept. 15.
- Byrnes, Clarence P. (See James, Joseph H., assignor.)
- Byrnes, Clarence P., trustee. (See James, Joseph H., assignor.)
- Byrnes, Thomas J., Omaha, Nebr. Trolley rivet. 2,038,824; Apr. 28.
- Byrom, John K. (See Taylor, R., and Byrom.)
- Byron-Jackson Co. (See Chesnut, J. D., and Hertel, assignors.)
- Byron Jackson Co. (See Forward, Walter L., assignor.)
- Byron Jackson Co. (See Grau, H. E., and Lundeen, assignors.)
- Byron Jackson Co. (See Grau, H. E., Lundeen, and Mullinix, assignors.)
- Byron Jackson Co. (See Hollander, Aladar, assignor.)
- Byron-Jackson. (See Lundeen, Chester A., assignor.)
- Byshe, Ernest T. (See Beardsley, R. O., Byshe, and Finn.)
- Bystricky, Joseph. (See Thomas, G. F., and Bystricky.)
- Bystricky, Joseph, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,056,249; Oct. 6.
- Bystricky, Joseph, assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Fluid pressure motor. 2,057,364; Oct. 13.
- Bystricky, Joseph, and W. Schmid, assignor to Stewart-Warner Corporation, Chicago, Ill. Control valve. 2,056,250; Oct. 6.
- Bywater, Richard R., St. Louis, Mo. Traffic ramp. 2,051,678; Aug. 18.
- Bywater, Wilfred M., Weehawken, N. J., assignor to The Barrett Company, New York, N. Y. Distillation of tar. 2,044,764; June 23.
- C. & G. Manufacturing Company. (See Goetz, Wilhelm, assignor.)
- C and G Oil Company et al. (See McHenry, Karmon L., assignor.)
- C M C Corporation. (See Moreno, Gabriel G., assignor.)
- C-O-Two Fire Equipment Company. (See Allen, Frank B. and S. E., assignors.)
- C-O-Two Fire Equipment Company. (See Allen, Scott E., assignor.)
- C-O-Two Fire Equipment Company. (See Allen, S. E., and Wiswell, assignors.)
- C-S Engineering Company. (See Schellens, C. A., and Emery, assignors.)
- Cabana, Louis, assignor to Liquid Veneer Corporation, Buffalo, N. Y. Wax applicator. 2,062,049; Nov. 24.
- Cabaniss, Jelks H., executor et al. (See McWane, James R.)
- Cable, Herbert W., Lakewood, Ohio, and J. E. Nason, Erie, Pa., assignors, by mesne assignments, to The Estate Stove Company, Hamilton, Ohio. Adjustable broiler. 2,048,102; July 21.
- Cable and Wireless Limited. (See Higgitt, Harry V., assignor.)
- Cabot, Godfrey L., Inc. (See Billings, E., and Offutt, assignors.)
- Caccamise, Charles J., Rome, N. Y. Safetypin. 2,057,006; Oct. 13.
- Caccia, Alan C., Philadelphia, Pa. Illuminated sign. 2,058,058; Oct. 20.
- Caccia, Walter, White Plains, assignor to J. H. Unlandherm, New York, N. Y. Constructing subways. 2,059,774; Nov. 3.
- Cacioppo, Charles, Forest Hills, N. Y. Milk treating apparatus. 2,050,158; Aug. 4.
- Cadaco, Ltd. (See Wiener, Martin L., assignor.)
- Cadieus, Joseph O., assignor to Connecticut Telephone & Electric Corporation, Meriden, Conn. Ground light. 2,038,506; Apr. 21.
- Cadieus, Joseph O., assignor to Connecticut Telephone & Electric Corporation, Meriden, Conn. Electric lighting apparatus. 2,043,793; June 9.
- Cadman, Hubert W., Eltham, assignor of one-half to Sovex Limited, London, England. Sorting and collating apparatus. 2,046,935; July 7.
- Cadman, Norman G., King's Cross, London, England, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Quick release valve. 2,038,162; Apr. 21.
- Cadmus, Oscar P., Bayside, N. Y. Window fastener. 2,029,016; Jan. 28.
- Cadoret, J. R., et al. (See Mueller, Frank, assignor.)
- Cadorette, Henry. (See Allievi, J., and Cadorette.)
- Cadwallader, Edgar M. (See Thomas, E. A., and Cadwallader.)
- Cady, George H., assignor to United States Finishing Company, Providence, R. I. Jig for treating material. 2,028,436; Jan. 21.
- Cady, Hamilton P. (See Goodwin, F., White, and Cady.)
- Cady, John E., Indianapolis, Ind., assignor to United States Rubber Products, Inc., New York, N. Y. Printing apparatus. 2,061,893; Nov. 24.
- Cady, Walter G., Middletown, Conn., assignor to Radio Corporation of America. Frequency control system. 2,064,289; Dec. 15.
- Cady, Walter H., Los Angeles, Calif., assignor, by mesne assignments, to The Patent and Licensing Corporation, Boston, Mass. Prepared roofing. 2,048,597; July 21.
- Caestecker, Charles E., assignor to Accurate Spring Mfg. Company, Chicago, Ill. Rebound device. 2,052,079; Aug. 25.
- Cage, Inc. (See Eliot, Samuel, assignor.)
- Cagnon, Charles. (See Refelt, H., and Cagnon.)
- Cahill, Edward, New York, N. Y. Fire door. 2,038,523; Apr. 28.
- Cahill, Gerald, Chicago, Ill. Nonrefillable bottle. 2,057,134; Oct. 13.
- Cahn, Albert B. (See Cahn, Bernard, and A. B.)
- Cahn, Bernard, and A. B., San Diego, Calif. Garment hanger. 2,034,859; Mar. 24.
- Cahn, Charles, Baltimore, Md. Sample display device. 2,035,532; Mar. 31.
- Cahn, Frank J., Chicago, Ill. Citric acid manufacture. 2,047,669; July 14.
- Cahn, Frank J., and A. K. Epstein, said Cahn assignor to said Epstein, M. C. Reynolds, and B. R. Harris, Chicago, Ill., doing business as Epstein, Reynolds, and Harris. Method of analysis. 2,065,114; Dec. 22.
- Cahn, Siegfried. (See Amann, M., and Cahn.)
- Cahoon, Nelson C., Fremont, Ohio, assignor to Union Carbide and Carbon Corporation. Dry cell. 2,060,796; Nov. 17.
- Cailliau, Cyril. (See Sutfin, F. R., and Cailliau.)
- Cain, Bernard M. (See Thompson, L. W., and Cain.)
- Cain, John W., Chicago, Ill. Motor driven window wiper. 2,042,456; June 2.
- Cain, William S., assignor of one-half to T. W. Carter, McCamey, Tex. Gauger's and pumper's gauge-tray. 2,040,975; May 19.
- Caincross, Robert L., Chicago, Ill. Railroad track construction. 2,056,251; Oct. 6.
- Cairns, Edward, Montclair, N. J. Cabinet for collapsible tubes. 2,026,864; Jan. 7.
- Caise, Charles, Brooklyn, N. Y. Dishwashing machine. 2,044,524; June 16.
- Calabrese, Frank, Brooklyn, N. Y. Shoe shaper. 2,041,991; May 26.
- Calabrese, Rocco, Raritan, N. J. Adjustable heel clamp for shoemakers. 2,049,686; Aug. 4.
- Calafati, Salvator S., Jr., et al. (See Calafati, Salvator S., assignor.)
- Calafati, Salvator S., assignor of three-fourths to S. S. Calafati, Jr., and one-fourth to J. M. Cole, New York, N. Y. Roof construction. 2,026,608; Jan. 7.
- Calahan, William W. (See Neats, C. P., and Calahan.)
- Calaluca, Leonardo. (See Spine, C. R., and Calaluca.)
- Calame, Charles H. (See Rehder, H. E., and Calame.)
- Calame, Gordon J., assignor to Micro-Westco, Incorporated, Bettendorf, Iowa. Guide for blade frames of slicing machines. 2,062,862; Dec. 1.
- Calamita, Joseph, Roosevelt, N. Y. Radio coil construction. 2,055,247; Sept. 22.
- Calarco, Albert. (See Ricci, Massino, assignor.)
- Calarco, Carmine L., New York, and G. Leofanti, Staten Island, N. Y. Brake control apparatus. 2,038,883; Apr. 28.
- Calatroni, Edison, Paris, France. Door constituting a removable and changeable refrigerating unit for refrigerating plants. 2,028,046; Jan. 14.
- Calco Chemical Company, The. (See Battagay, Martin, assignor.)
- Calco Chemical Company, The. (See Beardsley, Alling P., assignor.)
- Calco Chemical Company. (See Crossley, M. L., and Shafer, assignors.)
- Calco Chemical Co., Inc., The. (See Johnson, Edward S., assignor.)
- Calco Chemical Co. Inc., The. (See Klipstein, K. H., and Ticknor, assignors.)
- Calco Chemical Company, The. (See Munro, W. P., and Lecher, assignors.)
- Calcott, William S., and A. F. Benning, Pennsgrove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process and apparatus. 2,034,458; Mar. 17.
- Calcott, William S., Penns Grove, N. J., and R. G. Clarkson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Quaternary ammonium compounds and the production thereof. 2,060,850; Nov. 17.
- Calcott, William S., Woodstown, N. J., and R. G. Clarkson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical compounds. 2,060,851; Nov. 17.
- Calcott, William S., Penns Grove, Ira Williams, Woodstown, N. J., and B. Dales, Wilmington, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Colloidal sulphur. 2,064,728; Dec. 15.
- Calcott, William S., Pennsgrove, N. J., and H. H. Reynolds, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Molding compositions. 2,034,895; Mar. 24.
- Calcott, William S., and W. A. Douglass, Pennsgrove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalysts for oxidation reactions and preparing the same. 2,034,896; Mar. 24.
- Calcott, William S., Pennsgrove, N. J., H. A. Lubs, Wilmington, Del., and G. Barnhart, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Flaked sulphur dyes. 2,037,005; Apr. 14.
- Calcott, William S., and W. A. Douglass, Pennsgrove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounding rubber. 2,044,059; June 16.



- Calcott, William S., Penns Grove, N. J., W. H. Tisdale, and A. L. Flenner, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Insecticidal spray materials. 2,044,934; June 23.
- Calcott, William S. and L. S. Bake, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making arylamines. 2,062,349; Dec. 1.
- Calcott, William S., Woodstown, and R. C. McHarness, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricant. 2,066,173; Dec. 29.
- Calcutt, Reginald B., Chicago, Ill. Weather strip. 2,032,683; Mar. 3.
- Calcutt, Reginald B., Chicago, Ill. Weather strip. 2,035,862; Mar. 31.
- Calcyanide Products Corporation. (See Hinds, William W., assignor.)
- Caldararo, Alfredo G. (See Echave, I. F., and Caldararo.)
- Calderio, Edward, Garfield, N. J. Pocket cigarette making machine. 2,028,897; Jan. 28.
- Calderwood, Allan H., Martinez, assignor to Shell Development Company, San Francisco, Calif. Blending of mineral oils and residues. 2,048,371; July 21.
- Caldwell, Albert E., Galesburg, assignor of one-half to G. D. Ladd, Oak Park, Ill. Swivel electrical connector. 2,055,999; Sept. 29.
- Caldwell, Charles A., Dallas, Tex. Swivel nut lock. 2,048,424; July 21.
- Caldwell, Clarence H., Oak Park, Ill. Window cleaning device. 2,028,738; Jan. 28.
- Caldwell, Frank W., Pittsburgh, Pa., assignor, by mesne assignments to United Aircraft Corporation. Adjustable pitch propeller. 2,032,254; Feb. 25.
- Caldwell, Frank W., West Hartford, Conn., assignor, by mesne assignments to United Aircraft Corporation. Propeller. 2,032,255; Feb. 25.
- Caldwell, Frank W., West Hartford, Conn., assignor, by mesne assignments, to United Aircraft Corporation. Propeller manufacture. 2,039,211; Apr. 28.
- Caldwell, Frank W., West Hartford, and E. Martin, Hartford, Conn., assignors to United Aircraft Corporation. Propeller control mechanism. 2,026,814; Jan. 7.
- Caldwell, John W., Chicago, Ill. Auger bit. 2,035,298; Mar. 24.
- Caldwell, Paul. (See Elmslie, W. P., and Caldwell.)
- Caldwell, Samuel P., Hamden, assignor to The Engineering and Research Corporation, New Haven, Conn. Circuit closer. 2,040,919; May 19.
- Caldwell, William H., Ballston Lake, N. Y. Turbine. 2,036,018; Mar. 31.
- Caldwell, William J., Brierfield, England. Meat holder and slicer. 2,033,815; Mar. 10.
- Caldwell, William J., Bronxville, N. Y., assignor to J. H. McCormick & Co., Williamsport, Pa. Method and system for high velocity air control. 2,053,391; Sept. 8.
- Cale, Richard C., Terra Alta, W. Va. Signaling device for automobiles. 2,052,080; Aug. 25.
- Cale, Robert G., and F. W. Fisher, Detroit, Mich. Ironing board cover. 2,053,128; Sept. 1.
- Calem, Bernard, and W. Stahle, Bronx, N. Y. Handbag. 2,044,874; June 23.
- Calhoun, John C., West Quincy, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener installation and fastener for the same. 2,065,325; Dec. 22.
- Calibron Products, Incorporated. (See Edison, Theodore M., assignor.)
- Calico Printers' Association Limited, The. (See Gilbertson, Isaac H., assignor.)
- Calico Printers' Association Limited, The. (See Lantz, L. A., and Morrison, assignors.)
- California Consumers Corporation. (See Meinzer, Gotthold H., assignor.)
- California Fruit Growers Exchange. (See Baier, Willard E., assignor.)
- California Fruit Growers Exchange. (See Joseph, Glenn H., assignor.)
- California Fruit Growers Exchange. (See Lund, Albert A., assignor.)
- California Fruit Growers Exchange. (See Nelson, Arthur E., assignor.)
- California Fruit Growers Exchange. (See Thompson, D. R., and Joseph, assignors.)
- California Orchard Heater Company. (See Harmon, Wayne A. S., assignor.)
- California Orchard Heater Company, et al. (See Mahlstedt, John F., assignor.)
- California Packing Corporation. (See Ash, C. S., and Berglund, assignors.)
- California Packing Corporation. (See Robinson, R. D., and Noland, assignors.)
- California Packing Corporation. (See Sanborn, Ralph E., assignor.)
- California Portland Cement Company. (See Dahl, L. A., and Hanna, assignors.)
- California Prune and Apricot Growers Association. (See Pape, Clifford B., assignor.)
- California Prune & Apricot Growers Association. (See Randall, F. A., and Cantoni, assignors.)
- California Spray-Chemical Corporation. (See Parker, William B., assignor.)
- California Spray-Chemical Corporation. (See Sessions, Alwyn C., assignor.)
- California Spray-Chemical Corporation. (See Volck, William H., assignor.)
- Calise, Bruno G., Paris, France. Regenerative treatment of rubber. 2,046,499; July 7.
- Calkins, Raymond M., Deerfield, and J. W. Swank, Chicago, Ill. Building construction. 2,039,293; May 5.
- Calkins, Raymond M., Deerfield, and J. W. Swank, Chicago, Ill. Building construction. 2,062,160; Nov. 24.
- Callaghan, George H., et al. (See Fricker, Carl J., assignor.)
- Callahan, George F., Jr., Mount Lebanon, Pa. Internal combustion motor. 2,049,248; July 28.
- Callahan, James P. (See Woodward, Emmett E., assignor.)
- Callahan, James P., San Francisco, Calif. Side windshield. 2,039,212; Apr. 28.
- Callahan, James P., San Francisco, Calif. Side wing construction. 2,051,365; Aug. 18.
- Callahan, James T., Allston, assignor to W. B. Bowser, Newton Highlands, Mass. Electric cooking device. 2,057,878; Oct. 20.
- Callahan, John J., Peabody, Mass., assignor to The Turner Tanning Machinery Company, Portland, Maine. Manufacture of velvet leathers. 2,054,069; Sept. 15.
- Callahan, John L., Brooklyn, N. Y., assignor to Radio Corporation of America. Signaling. 2,056,000; Sept. 29.
- Callan, Earl. (See Cranon, Israel C., assignor.)
- Callaway, Hal, Hollywood, Calif. Metal flashing. 2,062,050; Nov. 24.
- Callaway, John L., Sr. (See Burke, James P., assignor.)
- Callender's Cable and Construction Company Limited. (See Hunter, P. V., Brazier, and Hill, assignors.)
- Callender's Cable and Construction Company Limited. (See Hunter, P. V., Watson, and Brazier, assignors.)
- Calleson, Amos and E. A., Merrick, N. Y. Sheet feeding and ejecting means. 2,058,000; Oct. 20.
- Calleson, Edgar A. (See Calleson, Amos and E. A.)
- Callier, André, Gand, and F. Heger, Brussels, Belgium. Motion picture projector. 2,027,675; Jan. 14.
- Callis, Conral C. (See Derr, R. B., and Callis.)
- Callis, Conral C., and R. B. Derr, Oakmont, assignors to Aluminum Company of America, Pittsburgh, Pa. Fluxing composition. 2,052,278; Aug. 25.
- Callison, Abner F., New York, and H. B. Whipple, Brooklyn, N. Y. Car mover. 2,057,230; Oct. 13.
- Callon, Pierre. (See Vin, René J. E. C., assignor.)
- Callow, John M., assignor to British-Geco Engineering Company, Limited, London, England. Settling tank. 2,062,988; Dec. 1.
- Calloy Limited. (See Kirsebom, Gustaf N., assignor.)
- Callsen, Albert, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Starting device for internal combustion engines. 2,052,127; Aug. 25.
- Callsen, Albert, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Starting device for internal combustion engines. 2,052,128; Aug. 25.
- Callsen, Albert, and A. Schmid, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Electric starter. 2,041,225; May 19.
- Calmes, Eugène M., Paris, France. Feed mechanism for separating coupons, tickets, or the like. 2,036,919; Apr. 7.
- Calogero, Elia, Brooklyn, N. Y. Safety razor. 2,036,116; Mar. 31.
- Calsmer, Walter H. (See Clements, A. L., and Calsmer.)
- Calsow, Georg, assignor to the firm Carl Zeiss, Jena, Germany. Photoelectric cell. 2,036,457; Apr. 7.
- Calver, George W., U. S. Navy. Constant intensity illumination system. 2,030,854; Feb. 18.
- Calvert, Francis V., Lakewood, Ohio, assignor to General Electric Company. Electrical connector unit for metal clad switch gears. 2,047,000; July 7.
- Calvert, John F., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dynamo-electric machine. 2,042,208; May 26.
- Calvert, John F., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dynamo-electric machine. 2,053,422; Sept. 8.
- Calvert, John F., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Diminishing corona and insulation heating at the ends of slots. 2,061,502; Nov. 17.
- Calvert, John F., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Diminishing corona and insulation heating at the ends of slots. 2,061,503; Nov. 17.
- Calvert, William C., and H. I. Cramer, Cuyahoga Falls, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,028,086; Jan. 14.
- Calvert, William C., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Printer's blanket. 2,064,780; Dec. 15.
- Calvin, Irl B., Akron, Ohio. Shoe. 2,063,227; Dec. 8.
- Cambiasso, Anibal A., Buenos Aires, Argentina. Automatic buttering machine for bread. 2,042,386; May 26.
- Cambridge Instrument Company, The. (See Hutton, Ulric O., assignor.)
- Cambridge Rubber Company. (See Dunbar, Ernest W., assignor.)
- Cambridge Trust Company, executor. (See Ames, M. H., and Troland.)



- Cambron, Adrien, Ottawa, Ontario, Canada, assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Making mercapto-thiazole compounds. 2,037,878; Apr. 21.
- Cambron, Adrien, Ottawa, Ontario, Canada. Protection of heat resistant alloys against carburization. 2,056,386; Oct. 6.
- Cambron, Adrien, and C. H. Bayley, Ottawa, Ontario, Canada. Vapor phase cracking of hydrocarbons. 2,057,007; Oct. 13.
- Camco Scale Corporation. (See Hochriem, Gustav F., assignor.)
- Camel Pen Company. (See Kingman, Russell B., assignor.)
- Cameron, Alexander S. (See Spitler, H. R., and Cameron.)
- Cameron Can Machinery Co. (See Cameron, William, assignor.)
- Cameron, Donald R. (See Hale, G. C., and Cameron.)
- Cameron, Earle H., Caldwell, N. J., assignor to The Celastic Corporation, Wilmington, Del. Stiffening material. 2,027,957; Jan. 14.
- Cameron, Ewen, Spean Bridge, Scotland. Polyphase alternating current rectifying system. 2,048,245; July 21.
- Cameron, James A., Brooklyn, N. Y., and R. M. Johnstone, Short Hills, N. J., assignors to Cameron Machine Company, Brooklyn, N. Y. Speed controlling and braking means. 2,040,464; May 12.
- Cameron Machine Company. (See Cameron, J. A., and Johnstone, assignors.)
- Cameron Machine Company. (See Johnstone, Robert McC., assignor.)
- Cameron Metal Tape Company. (See Cameron, William P., assignor.)
- Cameron, William, assignor to Cameron Can Machinery Co., Chicago, Ill. Compound applying machine. 2,062,863; Dec. 1.
- Cameron, William J. (See Spitler, H. R., and Cameron, assignor.)
- Cameron, William P., assignor to Cameron Metal Tape Company, Inc., Philadelphia, Pa. Articulated metal tape for Venetian blinds. 2,037,703; Apr. 21.
- Cameron, William P., assignor to Cameron Metal Tape Company, Inc., Philadelphia, Pa. Venetian blind. 2,061,548; Nov. 24.
- Camerota, Louis A., Burlington, assignor to Florence Pipe Foundry & Machine Company, Florence, N. J. Tilting ladle. 2,042,037; May 26.
- Camerota, Louis A., Burlington, assignor to Florence Pipe Foundry & Machine Company, Florence, N. J. Centrifugal casting machine. 2,043,956; June 9.
- Camfield, William H., Newark, N. J., assignor to Magazine Repeating Razor Company, New York, N. Y. Razor. 2,050,244; Aug. 11.
- Caminez, Harold, and N. H. Gilman, Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Cooling system. 2,054,926; Sept. 22.
- Cammen, Leon, New York, N. Y. Determining the lubricating qualities of liquids. 2,037,365; Apr. 14.
- Cammen, Leon, New York, N. Y. Testing lubricants. 2,041,525; May 19.
- Cammen, Leon, assignor to P. Davis, New York, N. Y. Apparatus for making foraminous elements. 2,047,001; July 7.
- Camp, Arthur F., Gainesville, Fla. Nonbumping heater for distillations and evaporations. 2,033,323; Mar. 10.
- Camp, Curtis B., Glencoe, Ill. Food product. 2,061,184; Nov. 17.
- Camp, Eugene V., Atlanta, Ga. Post. 2,034,709; Mar. 24.
- Camp, Eugene V., Atlanta, Ga. Staying device for road guards. 2,049,352; July 28.
- Camp, S. H., & Company. (See Camp, Samuel H., assignor.)
- Camp, S. H., & Company. (See Le May, Ariel M., assignor.)
- Camp, Samuel H., assignor to S. H. Camp & Company, Jackson, Mich. Adjustment buckle structure. 2,053,600; Sept. 8.
- Camp, Thomas R., Newton, assignor to Norton Company, Worcester, Mass. Water filtration apparatus. 2,043,734; June 9.
- Campagna, Armino A., et al. (See Primavera, Vincent A. R., assignor.)
- Campagna, Ferdinand, and J. C. Rivet, Montreal, Quebec, Canada. Coin controlled time switch mechanism. 2,034,744; Mar. 24.
- Campagna, Michael A., et al. (See Primavera, Vincent A. R., assignor.)
- Campanella, Vito, New York, N. Y. Carburetor. 2,029,853; Feb. 4.
- Campbell, Alexina, executrix. (See Campbell, Ben J.)
- Campbell, Allen, Charlevoix, Mich. Artificial bait. 2,054,407; Sept. 15.
- Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Car door locking means. 2,030,240; Feb. 11.
- Campbell, Arthur B., assignor to Seth Thomas Clock Company, Thomaston, Conn. Striking and chime clock. 2,054,765; Sept. 15.
- Campbell, Arthur B., and C. F. Beyer, Fort Wayne, Ind., assignors to General Electric Company. Signaling system and circuit controller for use therein. 2,050,039; Aug. 4.
- Campbell, Arthur T., Seattle, Wash., assignor to Acme Steel Company, Chicago, Ill. Baling paper pulp. 2,037,211; Apr. 14.
- Campbell, Arthur W., Stow, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of aliphatic amines. 2,034,427; Mar. 17.
- Campbell, Ben J., deceased, Hoboken, N. J., by A. Campbell, executrix, assignor to Keuffel & Esser Co., Hoboken, N. J. Distance finder. 2,032,867; Mar. 3.
- Campbell, Betty, New York, N. Y. Doll and costume. 2,028,120; Jan. 14.
- Campbell-Buchanan Corporation. (See Campbell, Leon J., assignor.)
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,027,468; Jan. 14.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,032,002; Feb. 25.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,033,229; Mar. 10.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,033,230; Mar. 10.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,034,328; Mar. 17.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Sander valve. 2,035,533; Mar. 31.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,037,117; Apr. 14.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Electropneumatic brake. 2,040,976; May 19.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Wasp excluder for air brakes. 2,046,058; June 30.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,050,783; Aug. 11.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,051,326; Aug. 18.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Fluid pressure brake. 2,053,461; Sept. 8.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,055,966; Sept. 29.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,055,967; Sept. 29.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Fluid pressure brake. 2,060,028; Nov. 10.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,062,207; Nov. 24.
- Campbell, Charles A., Watertown, N. Y., and P. Dodge, Chevy Chase, Md., assignors to The New York Air Brake Company. Air brake. 2,027,469; Jan. 14.
- Campbell, Clarence L., Bourbonnais, Ill. Weeder. 2,039,702; May 5.
- Campbell Company. (See Campbell, Richard C., assignor.)
- Campbell, Curtis Q. M., Pittsburgh, Pa. Preparation of sols for clarifying liquids. 2,951,983; Aug. 25.
- Campbell, Daniel. (See Dean, John, assignor.)
- Campbell, Donald J., assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Making brake drums. 2,035,142; Mar. 24.
- Campbell, Donald J., Spring Lake Township, Ottawa County, and C. W. Dake, Grand Haven, assignors to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Cam hardening machine. 2,064,820; Dec. 22.
- Campbell, Donald J., Spring Lake, assignor to Campbell, Wyant and Cannon Foundry Company, Muskegon Heights, Mich. Internal combustion engine piston. 2,041,113; May 19.
- Campbell, Donald J., Spring Lake Township, Ottawa County, Mich., assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Composite brake drum. 2,037,212; Apr. 14.
- Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant and Cannon Foundry Company, Norton Township, Mich. Piston. 2,043,424; June 9.
- Campbell, Donald W. (See Lippincott, W. A., and Campbell.)
- Campbell, Edward, Detroit, assignor of one-fifth to S. T. Handy, Lansing, Mich. Vacuum cleaner. 2,052,129; Aug. 25.
- Campbell, Eugene G., Pittsburgh, Pa. Apparatus for treating or sampling substances. 2,030,682; Feb. 11.
- Campbell, Forest S., Henryetta, Okla. Glass cutting device. 2,064,243; Dec. 15.
- Campbell, Frank D., Cedar Rapids, Iowa, assignor to The Quaker Oats Company, Chicago, Ill. Extrusion of cooked plastic material. 2,036,681; Apr. 7.
- Campbell, Frank G. (See Fortier, Francis R., assignor.)
- Campbell, George E., Chattanooga, Tenn. Duplex steam motor. 2,037,697; Apr. 21.
- Campbell, George E., Chicago, Ill. Terminal shield for electric storage batteries. 2,052,081; Aug. 25.
- Campbell, George H. (See Durant, Lyndon A., assignor.)



- Campbell, Given, St. Louis, Mo. Air conditioning apparatus. 2,042,141; May 26.
- Campbell, Given, St. Louis, Mo. Air conditioning apparatus. 2,042,142; May 26.
- Campbell, Harry E., assignor to Campbell Metal Window Corporation, Baltimore, Md. Operator for counterbalanced windows. 2,059,436; Nov. 3.
- Campbell, Harry E., Baltimore, Md., and A. Sargent, Bronxville, assignors to Campbell Metal Window Corporation, New York, N. Y. Window ventilator. 2,029,610; Feb. 4.
- Campbell, Harry E., Baltimore Md., assignor to Campbell Metal Window Corporation, New York, N. Y. Ventilating and air treating apparatus. 2,059,086; Oct. 27.
- Campbell, Harry J., San Francisco, Calif. Knee exerciser. 2,058,563; Oct. 27.
- Campbell, James, Darwen, England. Piston for internal combustion engines. 2,038,413; Apr. 21.
- Campbell, John, Glens Falls, assignor to International Paper Company, New York, N. Y. Making paper. 2,062,442; Dec. 1.
- Campbell, John, and R. G. Quinn, Glens Falls, assignors to International Paper Company, New York, N. Y. Producing a cellulose product. 2,026,865; Jan. 7.
- Campbell, John, and R. G. Quinn, Glens Falls, assignors to International Paper Company, New York, N. Y. Thermal insulator. 2,042,586; June 2.
- Campbell, John C., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Automatic manual control subordinator for tracer controlled machines. 2,039,294; May 5.
- Campbell, John S., Everett, Wash. Lawn mower. 2,032,650; Mar. 3.
- Campbell, John W., Los Angeles, Calif. Flexuously compacted conductors. 2,039,475; May 5.
- Campbell, Julian A., Long Beach, Calif. Liquid and gas contacting apparatus. 2,061,830; Nov. 24.
- Campbell, Layard, Bronxville, N. Y. Swimming instructor. 2,033,275; Mar. 10.
- Campbell, Lee R., Hazel Park, Mich. Method and apparatus for manufacturing products by subjecting a material to relatively high temperatures. 2,029,307; Feb. 4.
- Campbell, Leon J., Buchanan, Mich., assignor to Campbell-Buchanan Corporation, Chicago, Ill. Synchronizing clutch. 2,042,163; May 26.
- Campbell, Lorn, Jr., Lakewood, Ohio. Making cutting blowpipe tips. 2,029,154; Jan. 28.
- Campbell Metal Window Corporation. (See Campbell, Harry E., assignor.)
- Campbell Metal Window Corporation. (See Campbell, H. E., and Sargent, assignors.)
- Campbell Metal Window Corporation. (See Sargent, Aliston, assignor.)
- Campbell Metal Window Corporation. (See Sargent, John A., assignor.)
- Campbell, Nicholas D., Hackensack, N. J. Valveless inflatable article. 2,062,638; Dec. 1.
- Campbell, Oliver F., Whiting, Ind., assignor to Sinclair Refining Company, New York, N. Y. Combustion apparatus. 2,046,767; July 7.
- Campbell, Osmon B., St. Joseph, Mo. Method and apparatus for operating steam generators. 2,061,831; Nov. 24.
- Campbell, Richard C., Plainfield, N. J., assignor to Campbell Company, New York, N. Y. Fused collar. 2,033,680; Mar. 10.
- Campbell, Richard C., Plainfield, N. J., assignor to Campbell Company, New York, N. Y. Rolled front fused collar. 2,033,681; Mar. 10.
- Campbell, Roy E., Claremont, N. H., assignor to Sullivan Machinery Company. Ratchet mechanism. 2,062,805; Dec. 1.
- Campbell, Samuel J., Green Bay, Wis. Manufacturing folded paper articles. 2,057,879; Oct. 20.
- Campbell, Stanley E., assignor to Germain Manufacturing Company, Saginaw, Mich. Fastener. 2,031,407; Feb. 18.
- Campbell, Stanley T., assignor to The Aetna Rubber Company, Cleveland, Ohio. Vent plug for storage batteries. 2,061,649; Nov. 24.
- Campbell, Sterling H., and F. H. Pietzsch, assignors to Railway Devices Company, St. Louis, Mo. Brake beam safety support. 2,031,691; Feb. 25.
- Campbell, Sumner E., Long Beach, Calif. Refining oil. 2,045,696; June 30.
- Campbell, Thaddeus C., Rutherford, C. H. Wheeler, Midland Park, and H. W. Bowly, Summit, N. J., said Campbell and Wheeler assignors to Bell Telephone Laboratories, Incorporated, New York, and said Bowly assignor to Western Electric Company, Incorporated, New York, N. Y. Support for wires. 2,064,290; Dec. 15.
- Campbell, Thomas R., Okmulgee, Okla. Pulley block. 2,060,174; Nov. 10.
- Campbell, Vernon W., Nashua, N. H., assignor to C. F. Church Mfg. Co., Willimansett, Mass. Hinge for toilet seats and covers. 2,060,852; Nov. 17.
- Campbell, Walter H., Osborn, Ohio. Electrical indicator and tachometer. 2,065,426; Dec. 22.
- Campbell, William J., Indianapolis, Ind., assignor to American Slicing Machine Company, Chicago, Ill. Slicing machine. 2,030,196; Feb. 11.
- Campbell, William J., Indianapolis, Ind., assignor to American Slicing Machine Company, Chicago, Ill. Slicing machine. 2,030,197; Feb. 11.
- Campbell, William J., assignor to Climax Machinery Company, Indianapolis, Ind. Smoking stand. 2,063,581; Dec. 8.
- Campbell Wyant and Cannon Foundry Company. (See Aske, Irving E., assignor.)
- Campbell, Wyant & Cannon Foundry Company. (See Campbell, Donald J., assignor.)
- Campbell, Wyant & Cannon Foundry Company. (See Campbell, D. J., and Dake, assignors.)
- Campbell, Wyant and Cannon Foundry Company. (See Dake, Charles W., assignor.)
- Campbell, Wyant & Cannon Foundry Company. (See Dake, C. W., and Johnson, assignors.)
- Campbell, Wyant & Cannon Foundry Company. (See Linabury, John E., assignor.)
- Campion, Edward J., Newark, N. J. Hair curler. 2,046,672; July 7.
- Campos, Francisco, Croydon, assignor to Accounting Machines Ltd., London, England. Calculating machine. 2,035,590; Mar. 31.
- Campos, Francisco, Paris, France, assignor to Accounting Machines Ltd., London, England. Calculating machine. 2,057,606; Oct. 13.
- Camps, Juan P., Sabadell, Spain. Feeler device for looms. 2,030,497; Feb. 11.
- Camps, Juan P., Sabadell, Spain. Automatic weft replenishing device. 2,044,206; June 16.
- Campos, Louis H., New York, N. Y. Book holder. 2,062,553; Dec. 1.
- Campus, Cesare C., Santa Monica, Calif. Water closet. 2,056,158; Oct. 6.
- Canada Packers Limited. (See Stoyan, John, assignor.)
- Canaday, Miron S., Rochester, Minn., assignor to Reid, Murdoch & Co., Chicago, Ill. Corn cutting apparatus. 2,062,739; Dec. 1.
- Canadian Electro Products Company. (See Morrison, G. O., Skirrow, and Blaikie, assignors.)
- Canadian Keyes Fibre Company. (See Desmond, Herbert J., assignor.)
- Canadian Atlas Steels Limited. (See Norley, Harry C., assignor.)
- Canady, Don, Cleveland, Ohio. Glow discharge tube. 2,038,825; Apr. 28.
- Canal National Bank of Portland, The. (See Chaplin, Merle P., assignor.)
- Canal National Bank of Portland, The. (See Emery, Richard L., assignor.)
- Canan, Walter K., Houston, Tex. Lubricator. 2,053,362; Sept. 8.
- Canatsey, Tira O., assignor of one-half to W. S. Fees, Iola, Kans. Musical instrument. 2,037,312; Apr. 14.
- Candas, Gaston, New York, N. Y. Brooch and clip. 2,038,343; Apr. 21.
- Candas, Gaston, New York, N. Y. Jewelry. 2,040,428; May 12.
- Candor, Robert R., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,027,223; Jan. 7.
- Candor, Robert R., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,046,894; July 7.
- Candor, Robert R., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,049,799; Aug. 4.
- Candy, Albert M. (See Lincoln, R. B., and Candy.)
- Candy, Albert M., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding electrode. 2,050,271; Aug. 11.
- Candy, Albert T., Jr., Oak Park, Ill. Coating insulated wire or the like. 2,044,970; June 23.
- Candy, Albert T., Jr., Oak Park, assignor to Candy & Company, Inc., Chicago, Ill. Coating insulated wire and the like. 2,063,889; Dec. 15.
- Candy & Company. (See Candy, Albert T., Jr., assignor.)
- Canedy, John D., assignor to Maxwell Vault & Casket Co., Inc., Oneida, N. Y. Burial vault. 2,058,130; Oct. 20.
- Canépa, Enrique J., Buenos Aires, Argentina. Operating covers of kitchen boilers. 2,062,967; Dec. 1.
- Canetta, John, Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Quick service control valve. 2,065,210; Dec. 22.
- Canfield, Earl L. (See Doane, Leroy C., assignor.)
- Canfield, George M. (See Carlin, J. C., and Canfield.)
- Canfield, Jesse J., and G. W. McGohan, assignors to The American Rolling Mill Company, Middletown, Ohio. Metal articles for coating. 2,032,256; Feb. 25.
- Canfield, Robert H., Washington, D. C. Testing materials. 2,030,855; Feb. 18.
- Canfield, Robert H., and H. Kaiser, Washington, D. C. Lead alloy. 2,040,078; May 12.
- Canfield, Robert W., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Glass gathering and forming machine. 2,030,810; Feb. 11.
- Canning, Franklin V., assignor to Sweets Laboratories, Inc., New York, N. Y. Manufacture of chewing gum base. 2,050,272; Aug. 11.
- Cannity, Ernest, assignor to The James Hunter Machine Company, North Adams, Mass. Automatic variable speed drive for textile machines. 2,029,854; Feb. 4.
- Cannity, Ernest, assignor to The James Hunter Machine Company, North Adams, Mass. Fulling mill. 2,039,882; May 5.



- Cannon, Edson L., Cleveland Heights, assignor to The Warren Refining and Chemical Company, Cleveland, Ohio. Crankcase oil comparator. 2,037,213; Apr. 14.
- Cannon, Frank J., assignor to Production Instrument Company, Chicago, Ill. Counting mechanism. 2,046,810; July 7.
- Cannon, George E. (See Moore, T. V., and Cannon.)
- Cannon, George E., Houston, Tex., assignor to Standard Oil Development Company. Plugging water sands by a hydratable material. 2,065,512; Dec. 29.
- Cannon, James H., Los Angeles, Calif. Universally adjustable lamp. 2,036,567; Apr. 7.
- Cannon, John W., Plainfield, N. J. Oil burner. 2,026,609; Jan. 7.
- Cannon, John W., Plainfield, N. J. Defrosting device for refrigerators. 2,049,413; Aug. 4.
- Cannon Mills Company. (See Swink, H., and Douglass, assignors.)
- Cannon, Phillip D. (See Dillingham, C. K., and Cannon.)
- Cannon, Phillip D., Plainfield, N. J., assignor to John-Manville Corporation, New York, N. Y. Spinning. 2,064,821; Dec. 22.
- Cannon, Will A., Niagara Falls, N. Y. Mold for reenforced concrete stadiums. 2,052,446; Aug. 25.
- Cannonito, John, New York, N. Y. Integral resilient cleansing member. 2,058,213; Oct. 20.
- Canon, Benjamin C. (See Canon, Edward H., and B. C.)
- Canon, Edward H., and B. C., McKeesport, Pa. Waterproof material and process and apparatus for preparing the aggregate contained therein. 2,056,387; Oct. 6.
- Canté, Cornelius, Frankfurt-on-the-Main, Germany. Electric heater for liquids. 2,036,117; Mar. 31.
- Canter, Barend A., Scheveningen, Netherlands. Top with a hollow stem and a rotatably connected object. 2,060,029; Nov. 10.
- Cantini, Emaretto, Hollidays Cove, W. Va. Safety jar holder. 2,030,742; Feb. 11.
- Cantini, Valentino, assignor of one-half to Francesco Bonazzola, Santa Barbara, Calif. Float for fishing lines. 2,041,322; May 19.
- Cantley, Joseph C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon the end portions of shoes. 2,036,085; Mar. 31.
- Cantoni, John D. (See Randall, F. A., and Cantoni.)
- Cantor, Jacob J., Los Angeles, Calif. Photographic printing device and printing. 2,036,682; Apr. 7.
- Cantwell, Robert M., Clayton, Mo. Projecting apparatus. 2,047,002; July 7.
- Caoutchouc Laboratories, Inc. (See Kratz, George D., assignor.)
- Cap and Cork Corporation. (See Feldman, Edward D., assignor.)
- Capdeville, Pierre T., Nogent-sur-Marne, assignor to Treffleries & Laminiers du Havre, Paris, France. Underground electric cable. 2,043,033; June 2.
- Capehart, Ashbourne D. (See Bryan, H. B., and Capehart.)
- Capehart, Ashbourne D., Oxford, N. C. Auxiliary wheel. 2,057,607; Oct. 13.
- Capehart Corporation, The. (See Erbe, Ralph R., assignor.)
- Capehart Corporation, The. (See Small, Thomas W., assignor.)
- Capita, Emil R., New York, N. Y. Ignition system for oil burners and the like. 2,046,768; July 7.
- Capitol Automatic Music Co., The. (See Kresberg, S., and Peterfesa, assignors.)
- Caplain, Nathaniel M., Fall River, Mass., assignor to Capson Hat Co. Inc., New York, N. Y. Ribbon construction. 2,048,425; July 21.
- Caplan, Moses, Boston, Mass. Shelf trimming. 2,062,499; Dec. 1.
- Capo, Edoardo, Torino, Italy. Wheel for road and rail transport. 2,057,415; Oct. 13.
- Cappel, Herman C. (See Greer, H. C., Cappel, Shoemaker, Nyberg, Friedman, and Rose.)
- Capponi, Amato, Taranto, Italy. Mine laying submarine. 2,053,696; Sept. 8.
- Capps, Emmet S. (See Capps, Joseph W., assignor.)
- Capps, Joseph W., Portales, New Mexico, assignor of one-half to Emmet Sidney Capps, Pecos, Tex. Cultivator attachment for tractors. 2,029,652; Feb. 4.
- Capps, Washington T., Baltimore, Md., assignor to The Standard Stoker Company, Incorporated. Stoker. 2,029,519; Feb. 4.
- Capps, Washington T., Baltimore, Md., assignor to The Standard Stoker Company, Incorporated. Distributor plate and jet for stokers. 2,032,868; Mar. 3.
- Caprio, Amerigo F., Newark, N. J., assignor to Celluloid Corporation. Molding composition and making the same. 2,048,779; July 28.
- Capson Hat Co. Inc. (See Caplain, Nathaniel M., assignor.)
- Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Film for color photography. 2,026,964; Jan. 7.
- Capstaff, John G., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Apparatus for reproducing goffered films. 2,058,409; Oct. 27.
- Capstan Glass Company. (See McNamara, William L., assignor.)
- Capstan Glass Company. (See Piazzoli, Louis P., Jr., assignor.)
- Caputo, James V., Girard, Ohio. Continuous electric welding machine. 2,052,963; Sept. 1.
- Caputo, James V., Girard, Ohio. Welding machine. 2,052,964; Sept. 1.
- Caputo, James V., Girard, Ohio. Control system for electric welders. 2,052,965; Sept. 1.
- Caradine Hat Company. (See Witcoff, Edward, assignor.)
- Carbaugh, Conrad A., Fulton County, Pa. Hanger for eaves troughs. 2,029,462; Feb. 4.
- Carbex Chemical Co. of Illinois. (See John, R., and Spellmeyer, assignors.)
- Carbide & Carbon Chemicals Corporation, et al. (See Branchen, Leonard E., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Cox, Henry L., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Cox, H. L., and Carruthers, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Perkins, Granville A., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Ray, Arthur B., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Shoemaker, Milton J., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Vaughn, Thomas H., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Warren, Richard F., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Wickert, Jacob N., assignor.)
- Carbis, Samuel H., assignor to Aluminum Ladder Company, Tarentum, Pa. Aluminum ladder. 2,040,977; May 19.
- Carbonara, Victor E., Rockville Center, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Altimeter. 2,027,088; Jan. 7.
- Carbonara, Victor E., Rockville Centre, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Vibration recording instrument. 2,037,698; Apr. 21.
- Carbonara, Victor E., Rockville Centre, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Vibration recording instrument. 2,063,790; Dec. 8.
- Carbonara, Victor E., Brooklyn, assignor to Chas. Cory Corporation, New York, N. Y. Dynamo-electric machine. 2,045,831; June 30.
- Carbonara, Victor E., Brooklyn, assignor to Chas. Cory Corporation, New York, N. Y. Annunciator. 2,052,751; Sept. 1.
- Carbo-Norit-Union Verwaltungen-Gesellschaft m. b. H. (See Jaenicke, M., and Bailleul, assignors.)
- Carbo-Norit-Union Verwaltungen Gesellschaft m. b. H. (See McCulloch, A., and Hargraves, assignors.)
- Carborundum Company, The. (See Aust, Joseph B., assignor.)
- Carborundum Company, The. (See Baumann, H. N., Jr., Sventzel, and Logan, assignors.)
- Carborundum Company, The. (See Benner, Raymond C., assignor.)
- Carborundum Company, The. (See Benner, R. C., and Baumann, assignors.)
- Carborundum Company, The. (See Benner, R. C., Baumann, and Easter, assignors.)
- Carborundum Company, The. (See Benner, R. C., and Easter, assignors.)
- Carborundum Company, The. (See Benner, R. C., Easter and Thompson, assignors.)
- Carborundum Company, The. (See Benner, R. C., Kirchner, and Melton, assignors.)
- Carborundum Company, The. (See Benner, R. C., Mahlman, and Rossow, assignors.)
- Carborundum Company, The. (See Benner, R. C., and Melton, assignors.)
- Carborundum Company, The. (See Benner, R. C., Melton, and Kirchner, assignors.)
- Carborundum Company, The. (See Benner, R. C., and Soley, assignors.)
- Carborundum Company, The. (See Blau, H. H., and Baumann, assignors.)
- Carborundum Company, The. (See Chormann, G. W., Upper, and Work, assignors.)
- Carborundum Company, The. (See Easter, George J., and McMullen, assignors.)
- Carborundum Company, The. (See Geiger, C. F., and Kempf, assignors.)
- Carborundum Company, The. (See Herman, Wallace C., assignor.)
- Carborundum Company, The. (See Hutto, Marsden C., assignor.)
- Carborundum Company, The. (See Jackson, R. H., and Kirchner, assignors.)
- Carborundum Company, The. (See Kern, Fred M., assignor.)
- Carborundum Company, The. (See Leonhauser, Henry A., assignor.)
- Carborundum Company, The. (See Melton, R. L., and Benner, assignors.)
- Carborundum Company, The. (See Nelson, Charles S., assignor.)
- Carborundum Company, The. (See Tone, Frank J., assignor.)
- Carborundum Company, The. (See Wills, Herbert J., assignor.)
- Card, Frederic M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Trimmer mechanism for sewing machines. 2,055,424; Sept. 22.



- Card, William C., Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Positioning gauge. 2,040,122; May 12.
- Card, William C., Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Sole roughing machine. 2,046,147; June 30.
- Card, William C., Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Shoe press. 2,049,048; July 28.
- Card, William C., Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Sole-affixing machine. 2,059,847; Nov. 3.
- Card, William C., Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Shoe rasping device. 2,063,484; Dec. 8.
- Card, William C., Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Trimming machine. 2,064,291; Dec. 15.
- Cardel Company, The. (See Dolan, David J., assignor.)
- Cardella, William M. (See Drake, L. D., and Cardella.)
- Cardin, Carl J. (See Dixon, A. L., and Cardin.)
- Cardwell, Harland W., assignor to The All Steel Products Manufacturing Company, Wichita, Kans. Well spudding apparatus. 2,028,697; Jan. 21.
- Cardwell-Westinghouse Company. (See Hall, Marchand B., assignor.)
- Caredio, Primo R. (See Duccini, G., and Caredio.)
- Carey, Abner B., Grayville, Ill. Packing and display device. 2,045,292; June 23.
- Carey, Bryan. (See McCaffrey, H. J., and Carey.)
- Carey, Harry L., Great Neck, N. Y. Neon illuminating unit for traffic indicators. 2,044,464; June 16.
- Carey-McFall Co. (See Reukauf, E., Jr., and Stuber, assignors.)
- Carey, Philip, Manufacturing Company, The. (See Fischer, Albert C., assignor.)
- Carey, Philip, Manufacturing Company, The. (See Greider, Harold W., assignor.)
- Carey, Philip, Manufacturing Company, The. (See Greider, H. W., and Fasold, assignors.)
- Carey, William J., Cleveland Heights, Ohio. Pump or motor. 2,029,520; Feb. 4.
- Carhart, George C. (See Heiss, J. P., Carhart, and Jansson.)
- Carini, Louis F. B., Wethersfield, Conn. Electrical discharge tube circuits. 2,041,114; May 19.
- Carius, Carl. (See Schulz, H., and Carius.)
- Carius, Carl, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Corrosion resistant alloy. 2,054,927; Sept. 22.
- Carkhuff, Floyd B., Binghamton, N. Y. Sediment detecting device. 2,034,795; Mar. 24.
- Carle, George E., Brilliant, Ohio. Safety device for cranes. 2,035,044; Mar. 24.
- Carle, William T., assignor to R. G. Fulcher, Chicago, Ill. Starter mechanism. 2,041,900; May 26.
- Carleton, Emile J., Holyoke, Mass. Clutch mechanism. 2,060,175; Nov. 10.
- Carleton, Paul W., Pennsgrove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of triphenyl-methane dyestuffs. 2,044,562; June 16.
- Carleton, Paul W., Pennsgrove, and E. L. Mattison, Carney's Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of monoalkyl-naphthylamines. 2,039,390; May 5.
- Carleton, Paul W., Pennsgrove, and E. L. Mattison, Carney's Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Partial dealkylation of dialkyl aromatic amines. 2,039,391; May 5.
- Carleton, Paul W., Penns Grove, and E. L. Mattison, Carney's Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Improved 4:4'-dimethyl-6:6'-dihalogen thioindigo. 2,062,443; Dec. 1.
- Carleton, Ralph D., Snyder, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation. Bomb support. 2,064,729; Dec. 15.
- Carleton, Robert A., Brooklyn, N. Y., assignor to National Electric Heating Company, Inc., New York, N. Y. Electric steam heating apparatus. 2,033,111; Mar. 10.
- Carlin, James C., Norristown, assignor to Lee Rubber & Tire Corporation, Conshohocken, Pa. Machine for cutting rubber stock. 2,042,829; June 2.
- Carlin, Joseph C., and G. M. Canfield, assignors to Tennessee Products Corporation, Nashville, Tenn. Method of and apparatus for applying an opening thread or string to wrapped commercial packages. 2,056,388; Oct. 6.
- Carling, Clifford. (See Bissiri, A., and Carling.)
- Carling-Larrabee Company. (See Bissiri, A., and Carling, assignors.)
- Carlisle Lumber Company. (See Goss, Oliver P. M., and W. C., assignors.)
- Carlisle, Maurice E., Ben Avon, Pa., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Process and apparatus for laminating glass sheets. 2,046,446; July 7.
- Carlisle, Paul J., Niagara Falls, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Refining hydrocarbon oil. 2,058,131; Oct. 20.
- Carlisle, Richard W., Haddonfield, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,033,112; Mar. 10.
- Carliss, Albert E., Floral Park, assignor to Acme Air Appliance Company, Inc., Brooklyn, N. Y. Die. 2,028,437; Jan. 21.
- Carliss, Albert E., Floral Park, assignor to Acme Air Appliance Company, Inc., Brooklyn, N. Y. Forming dies. 2,028,438; Jan. 21.
- Carliss, Albert E., Floral Park, assignor to Acme Air Appliance Company, Inc., Brooklyn, N. Y. Tire valve. 2,033,512; Mar. 10.
- Carliss, Albert E., New York, assignor to Acme Air Appliance Company, Inc., Brooklyn, N. Y. Fluid pressure gauge. 2,050,084; Aug. 4.
- Carlotti, Charles F., Brussels, Belgium. Wind screen. 2,027,720; Jan. 14.
- Carlsen, Iver G., Rosebank, N. Y. Igniting device. 2,029,356; Feb. 4.
- Carlsen, John A., Omaha, Nebr. Hog-tongue guard. 2,062,554; Dec. 1.
- Carlson, Adolph, South Porcupine, Ontario, Canada. Clinometer for surveying diamond drill holes. 2,045,342; June 23.
- Carlson, Adolph E., Burbank, Calif. Fountain pen. 2,061,059; Nov. 17.
- Carlson, Adolph G., Chicago, Ill. Bag filling and handling mechanism. 2,034,972; Mar. 24.
- Carlson, Androv H., Bridgeport, Conn. Seal. 2,051,367; Aug. 18.
- Carlson, Anthony E., Los Angeles, Calif. Nonsanding pump. 2,061,060; Nov. 17.
- Carlson, Arvid S., La Grange, Ill., assignor to General Electric Company. Metal clad electrical apparatus. 2,036,792; Apr. 7.
- Carlson, Axel S., New York, assignor of one-half to C. L. Blue, Brooklyn, N. Y. Safety razor. 2,064,884; Dec. 22.
- Carlson, Axel V., Minneapolis, Minn. Ice auger. 2,057,365; Oct. 13.
- Carlson, Bert G. (See Bassett, P. R., and Carlson.)
- Carlson, Bert G. (See Sperry, E. A., Jr., Carlson, and Bates.)
- Carlson, Bert G., Queens Village, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Artificial horizon for aircraft. 2,027,808; Jan. 14.
- Carlson, Bert G., Queens Village, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Artificial horizon. 2,044,150; June 16.
- Carlson, Bert G., Queens Village, N. Y., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Constrained directional gyroscope. 2,061,894; Nov. 24.
- Carlson, Bert G., Bellerose, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic level control for aircraft. 2,045,579; June 30.
- Carlson, Bert G., Bellerose, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Antivibration mount for airplane instruments. 2,059,312; Nov. 3.
- Carlson, Bert G., Queens Village, N. Y., and L. F. Carter, Leonia, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Pilot directing gyroscope. 2,052,866; Sept. 1.
- Carlson, Carl A., San Francisco, Calif. Needle threader. 2,059,680; Nov. 3.
- Carlson, Carl F., Peoria, Ill. Wrench. 2,059,087; Oct. 27.
- Carlson, Clarence O., East Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Tool. 2,049,049; July 28.
- Carlson, Clarence O., East Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Box band stretching and sealing tool. 2,065,427; Dec. 22.
- Carlson, Clarence O., Cleveland Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Tool. 2,065,488; Dec. 22.
- Carlson, Conrad, Brooklyn, N. Y. Mechanism for propelling boats. 2,058,410; Oct. 27.
- Carlson, Ejnar W. (See Vesterdal, H. G., and Carlson.)
- Carlson, Ejnar W., and P. J. Wiezevich, Elizabeth, N. J., assignors to Standard Oil Development Company. Fuel coating composition. 2,062,350; Dec. 1.
- Carlson, Ellsworth E., Saratoga Springs, assignor to Van Raalte Company, New York, N. Y. Flat-knit non-run or strongly run-resistant stocking and blank therefor and making same. 2,037,000; Apr. 14.
- Carlson, Ellsworth E., Saratoga Springs, assignor to Van Raalte Company, New York, N. Y. Making shaped hosiery. 2,039,283; May 5.
- Carlson, Ellsworth E., Saratoga Springs, N. Y., assignor to Van Raalte Company, New York, N. Y. Run-proof or run-resistant flat-knit hosiery. 2,049,994; Aug. 4.
- Carlson, Emil, Detroit, Mich. Fruit and vegetable paring implement. 2,036,920; Apr. 7.
- Carlson, Frank P., New York, N. Y. Double and single coating device. 2,038,642; Apr. 28.
- Carlson, Fred C., Lakewood, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Barium fluosilicate. 2,058,664; Oct. 27.
- Carlson, Frederick O., New York, N. Y. Safety ash tray. 2,034,710; Mar. 24.
- Carlson, Fritz O., assignor to Hobbs Manufacturing Company, Worcester, Mass. Safety device. 2,057,008; Oct. 13.
- Carlson, George, Bridgeport, Conn., assignor to General Electric Company. Electric outlet. 2,053,943; Sept. 8.



- Carlson, George E., assignor to Carlson Research Corporation, Chicago, Ill. Rotary spreader. 2,029,056; Jan. 28.
- Carlson, Gustav L., Turlock, Calif. Form for continuous concrete pipe. 2,053,814; Sept. 8.
- Carlson, Gustave A., Detroit Mich. Work holding machine. 2,059,437; Nov. 3.
- Carlson, Gustave A., Detroit, Mich. Finishing machine. 2,059,724; Nov. 3.
- Carlson, John E., Forestville, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Thermostatic switch. 2,038,098; Apr. 21.
- Carlson, Lewis B., Milton, assignor to S. A. Woods Machine Company, Boston, Mass. Production of wooden rods. 2,055,401; Sept. 22.
- Carlson, Oscar, assignor to M. Swenson, Minneapolis, Minn. Cigar box lid holder. 2,052,966; Sept. 1.
- Carlson, Oscar A., and L. Pratt, Detroit, Mich. Automatic station selector for radio receivers. 2,047,853; July 14.
- Carlson, Oscar F., assignor to Oscar F. Carlson Company, Chicago, Ill. Pressure and differential control. 2,044,465; June 16.
- Carlson, Oscar F., assignor to Oscar F. Carlson Company, Chicago, Ill. Valve assembly. 2,051,938; Aug. 25.
- Carlson, Oscar F., assignor to Oscar F. Carlson Company, Chicago, Ill. Control means. 2,061,270; Nov. 17.
- Carlson, Oscar F., Company. (See Carlson, Oscar F., assignor.)
- Carlson Research Corporation. (See Carlson, George E., assignor.)
- Carlson, Roy W., Berkeley, Calif. Telemetric device. 2,036,458; Apr. 7.
- Carlson, Roy W., Berkeley, Calif. Electric pressure meter. 2,059,549; Nov. 3.
- Carlson, Russell J., (See Langer, T. W., McBride, Carlson, Stow, and Clardy.)
- Carlson, Vernon E., Canton, assignor to The Hoover Company, North Canton, Ohio. Electric motor. 2,045,293; June 23.
- Carlson, Wendell L., Haddonfield, N. J., assignor to Radio Corporation of America. Television system. 2,041,456; May 19.
- Carlson, Wendell L., Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Selectivity control circuit. 2,056,955; Oct. 13.
- Carlson, Wendell L., Haddonfield, N. J., assignor to Radio Corporation of America. Radio receiver. 2,058,411; Oct. 27.
- Carlson, Wendell L., Haddonfield, N. J., assignor to Radio Corporation of America. Radio receiver. 2,065,652; Dec. 29.
- Carlson, William. (See Patton, Cleon E., assignor.)
- Carlsson, Bernhard T., Malarhöjden, and G. O. Winhammar, Stockholm, Sweden. Friction clutch. 2,048,372; July 21.
- Carlstedt, Fredrik, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,044,830; June 23.
- Carlstedt, Fredrik, Stockholm, Sweden, assignor, by mesne assignments, to Electrolux Corporation. Vacuum cleaner. 2,049,602; Aug. 4.
- Carlstedt, Fredrik, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Coupling. 2,052,967; Sept. 1.
- Carlstedt, Fredrik, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,064,587; Dec. 15.
- Carlstrom, John, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Lining for vessels. 2,028,967; Jan. 28.
- Carlstrom, John, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Lining for vessels. 2,028,968; Jan. 28.
- Carlton, Clinton A., (See Seiberling, F. A., and Carlton.)
- Carlton, Jack C., assignor to The Carlton Machine Tool Company, Cincinnati, Ohio. Slide clamp. 2,049,891; Aug. 4.
- Carlton Machine Tool Company, The. (See Carlton, Jack C., assignor.)
- Carlton Main Colliery Company Limited, The. (See Addy, R., and Gill, assignors.)
- Carlton, Richard P., assignor to Minnesota Mining and Manufacturing Company, St. Paul, Minn. Adhesive or binder. 2,030,743; Feb. 11.
- Carman, Clifford, Niagara Falls, N. Y. Hydraulic jack. 2,034,605; Mar. 17.
- Carman, Joseph L., (See Brusse, A. B., and Carman.)
- Carmichael, Cecil C., Los Angeles, and J. Ward, Inglewood, Calif. Collapsible container. 2,060,030; Nov. 10.
- Carmichael, Henry G., Cincinnati, Ohio. Purifying commercial carbon dioxide. 2,044,279; June 16.
- Carmichael, William A., assignor to C. F. Church Mfg. Co., Hamden, Conn. Lock-on toilet seat hinge. 2,032,257; Feb. 25.
- Carmichael, Weymon L., et al. (See Morris, Pratt C., assignor.)
- Carmody, William H., (See Anderson, G. K., and Carmody.)
- Carmody, William H., (See Hochwalt, C. A., and Carmody.)
- Carmody, William H., (See Thomas, C. A., and Carmody.)
- Carnation Company. (See Henszey, Roy O., assignor.)
- Carnegie Steel Company. (See McIntosh, James, assignor.)
- Carner, Walter S., Goodwill, W. Va. Mine tool locker. 2,046,244; June 30.
- Carnes, William A., Houston, Tex. Brake. 2,055,335; Sept. 22.
- Carney, Bernard B. (See Crosby, R. H., and Carney.)
- Carney, Samuel C., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Dehydrating organic compounds. 2,048,178; July 21.
- Caro, Nikodem, Berlin-Dahlem, Germany. Producing calcium cyanamide. 2,052,920; Sept. 1.
- Caron, Oswald J., Nashua, N. H. Toy gun. 2,054,719; Sept. 15.
- Carothers, Wallace H., Fairville, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing halo-butadienes. 2,038,538; Apr. 28.
- Carothers, Wallace H., Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogen polysulphide addition products of unsaturated aliphatic hydrocarbons and producing them. 2,061,018; Nov. 17.
- Carothers, Wallace H., Fairville, Pa., A. M. Collins, and J. E. Kirby, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical products and processes for producing same. 2,029,410; Feb. 4.
- Carp, Arthur, Hillsdale, Mich. Fastener. 2,058,059; Oct. 20.
- Carpenter, Arthur, New York, and E. Ross, Richmond Hill, assignors to United Research Corporation, Long Island City, N. Y. Light sensitive cell. 2,041,816; May 26.
- Carpenter, Arthur W., New York, assignor to United Research Corporation, Long Island City, N. Y. Motion picture stereoscopy. 2,045,119; June 23.
- Carpenter, Arthur W., New York, assignor to United Research Corporation, Long Island City, N. Y. Projection of motion pictures. 2,045,120; June 23.
- Carpenter, Arthur W., New York, assignor to United Research Corporation, Long Island City, N. Y. Motion picture stereoscopy. 2,055,118; Sept. 22.
- Carpenter, Charles E., Chicago, Ill. Doughnut machine and the like. 2,032,468; Mar. 3.
- Carpenter Container Corporation. (See Carpenter, Herbert L., assignor.)
- Carpenter, E. C. & Co. (See Cohen, Isaac, assignor.)
- Carpenter, Ernest S., Cleveland Heights, assignor to The Augustus-Carpenter Company, Cleveland, Ohio. Driving mechanism for motion picture projectors. 2,049,944; Aug. 4.
- Carpenter, Frank W., (See Roehl, E. A., Carpenter, and Warner.)
- Carpenter, Geo. B., & Co. (See Leffert, Charles B., assignor.)
- Carpenter, Gilbert B., Framingham, Mass., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Carboxylic acids and their preparation. 2,054,807; Sept. 22.
- Carpenter, Harrison, Ceres, Calif. Prune gatherer. 2,065,169; Dec. 22.
- Carpenter, Harry E., Los Angeles, Calif., assignor to Ad-Here Paper Company. Adhesive unit. 2,030,135; Feb. 11.
- Carpenter, Herbert L., Brooklyn, N. Y. Remote control system. 2,041,398; May 19.
- Carpenter, Herbert L., Brooklyn, assignor to Carpenter Container Corporation, New York, N. Y. Container. 2,056,956; Oct. 13.
- Carpenter-Hiatt Sales Co. (See Graham, G. H., and Robertson, assignors.)
- Carpenter, Irving C. (See Moorman, A. R., and Carpenter.)
- Carpenter, Jack, Wichita, Kans. Copy holder. 2,060,660; Nov. 10.
- Carpenter, Laura E., et al. (See Houtsinger, Henry J., assignor.)
- Carpenter, Marion S., Nutley, N. J., assignor to Givaudan-Delawanna, Inc., New York, N. Y. Preparation of poly alkyl-substituted phenols. 2,064,885; Dec. 22.
- Carpenter, Marion S., Nutley, and E. C. Kunz, Montclair, N. J., assignors to Givaudan-Delawanna, Inc., New York, N. Y. Preparation of protocatechuic aldehyde. 2,027,148; Jan. 7.
- Carpenter, Morris T. (See Roberts, J. K., and Carpenter.)
- Carpenter, Morris T. (See Ruthruff, R. F., Roberts, and Carpenter.)
- Carpenter, Oliver K., New Cumberland, W. Va., assignor to The Duraloy Company, Pittsburgh, Pa. Glass molding material. 2,035,364; Mar. 24.
- Carpenter, Robert F., Cleveland, Ohio. Curtain suspension device. 2,045,007; June 23.
- Carpenter, Rupert E. H. (See Eckersley, P. P., and Carpenter.)
- Carpenter, Walter E., Belmar, assignor to McCabe Maier Corporation, Newark, N. J. Refrigerating apparatus and method. 2,043,190; June 2.
- Carpenter, Walter E., Belmar, assignor to The Dickerson Company, Newark, N. J. Refrigerating method and apparatus. 2,043,191; June 2.
- Carpenter, Walter E., Belmar, N. J., assignor to The Dickerson Company, Newark, N. J. Refrigerated storage compartment. 2,064,412; Dec. 15.
- Carpenter, Warren W., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switch. 2,060,176; Nov. 10.
- Carpenter, Webster L., Norfolk, Va. Manually driven casting machine. 2,037,617; Apr. 14.



- Carpenter, Webster L., Norfolk, Va. Motor driven casting machine. 2,037,618; Apr. 14.
- Carr, Aloysius J., Carthage, Ind. Adjustable free running self aligning creaser or splitter. 2,048,684; July 28.
- Carr, Donald E. (See Bray, U. B., and Carr.)
- Carr, George W., North Shields, England. Ship's davit. 2,030,136; Feb. 11.
- Carr, George W., North Shields, England. Ship's davit. 2,041,817; May 26.
- Carr, J. K., et al. (See Rogers, Clifford, H., assignor.)
- Carr, James J., Richmond, Va. Game apparatus. 2,054,738; Sept. 15.
- Carr, John B., Detroit, Mich., and S. P. Wilson, Lakewood, Ohio, assignors to The Meyercoed Company. Decalcomania. 2,057,625; Oct. 13.
- Carr, John O., assignor to Teletype Corporation, Chicago, Ill. Signaling system. 2,057,083; Oct. 13.
- Carr-Lowrey Glass Co. (See Beck, Norman R., assignor.)
- Carr, Milton D., Jr., Miami, Fla. Boat construction. 2,044,771; June 23.
- Carr, Moses F., Lincoln, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Three-side lock fastener. 2,058,296; Oct. 20.
- Carr, Raymond L., Boston, Mass. Vehicle body. 2,028,143; Jan. 21.
- Carr, Raymond L., Boston, Mass. Vehicle body. 2,036,118; Mar. 31.
- Carr, Raymond L., Boston, Mass. Vehicle body. 2,043,652; June 9.
- Carr, Raymond L., Boston, Mass. Vehicle body. 2,046,725; July 7.
- Carr, Richard H., assignor to The Pure Oil Company, Chicago, Ill. Fluid motor. 2,045,945; June 30.
- Carr, Richard H., Chicago, Ill., and L. A. Ogden, Tulsa, Okla., assignors to The Pure Oil Company, Chicago, Ill. Piston. 2,065,051; Dec. 22.
- Carr, Richard H., Evanston, Ill., and L. A. Ogden, Tulsa, Okla., assignors to The Pure Oil Company, Chicago, Ill. Apparatus and method of distributing pressure differential across piston rings or packings. 2,064,969; Dec. 22.
- Carr, Wayne D., and H. E. Shirey, Pinckney, Mich. Battery and generator indicator. 2,064,460; Dec. 15.
- Carraway, Marshall L., Malvern, Ark. Swing. 2,027,089; Jan. 7.
- Carrell, Wilbur A., Pittsburgh, Pa. Accelerated aging of distilled liquors. 2,044,898; June 23.
- Carrick, Oland W., Oak Park, and R. W. Seniff, Bloomington, assignors to Electro-Chemical Engineering Corporation, Chicago, Ill. Mechanical foam indicating and control apparatus. 2,038,414; Apr. 21.
- Carrier Corporation. (See Murphy, E. T., and Meling, assignors.)
- Carrier, Egbert W., and E. D. Reeves, Baton Rouge, La., assignors to Standard Oil Development Company. Separation of saponifiable from unsaponifiable compounds. 2,052,165; Aug. 25.
- Carrier Engineering Corporation. (See Ashley Carlyle M., assignor.)
- Carrier Engineering Corporation. (See Carrier, Willis H., assignor.)
- Carrier Engineering Corporation. (See Carrier, W. H., and Waterfill, assignors.)
- Carrier Engineering Corporation. (See French, Donald, assignor.)
- Carrier Engineering Corporation. (See Goddard, Merrill B., assignor.)
- Carrier Engineering Corporation. (See Jones, Walter, assignor.)
- Carrier Engineering Corporation. (See Stacey, A. E., Jr., and Ernst, assignors.)
- Carrier Engineering Corporation. (See Stacey, A. E., Jr., and Lyman, assignors.)
- Carrier Engineering Corporation. (See Stacey, A. E., Jr., Ashley, and Arf, assignors.)
- Carrier Engineering Corporation. (See Swinburne, James, assignor.)
- Carrier Engineering Corporation. (See Yaglou, Constantine P., assignor.)
- Carrier, Hiram W., Atlantic, Pa. Utility and animal shears. 2,064,730; Dec. 15.
- Carrier, Willis H., Elizabeth, assignor to Carrier Engineering Corporation, Newark, N. J. Shell and tube evaporator. 2,059,725; Nov. 3.
- Carrier, Willis H., Elizabeth, and R. W. Waterfill, East Orange, assignors, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J. Refrigeration. 2,041,045; May 19.
- Carriere, John G., Martinez, and L. Rosenstein, San Francisco, assignors to Shell Development Company, San Francisco, Calif. Apparatus for cleaning containers. 2,064,373; Dec. 15.
- Carrington, Charles. (See Goodman, H. N., and Carrington.)
- Carrington, Frank G., Anniston, Ala., assignor to Centrifugal Pipe Corporation, Jersey City, N. J. Manufacture of cast metal pipes and like articles centrifugally. 2,045,753; June 30.
- Carrington, Marcellus F. (See Green, R. H. and Carrington.)
- Carris, Clarence P., assignor to Button Machine Company, Washington, Iowa. Apparatus for selecting pearl buttons. 2,063,485; Dec. 8.
- Carr-Lowrey Glass Co. (See Beck, Norman R., assignor.)
- Carroll, Cleveland L., Owosso, Mich. Boat propelling mechanism. 2,039,392; May 5.
- Carroll, E. W., Inc. (See Carroll, Ellsworth W., assignor.)
- Carroll, Elbert H., West Boylston, Mass. Cord anchoring device. 2,057,608; Oct. 13.
- Carroll, Ellsworth W., assignor to E. W. Carroll, Inc., San Francisco, Calif. Bail ear. 2,038,826; Apr. 28.
- Carroll, Eugene G., Los Angeles, Calif. Master cylinder for fluid-operated systems. 2,041,164; May 19.
- Carroll, Eugene G., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,057,707; Oct. 20.
- Carroll, Eugene G., Los Angeles, Calif., assignor, by mesne assignments, to Bendix Brake Company, South Bend, Ind. Automobile brake. 2,060,853; Nov. 17.
- Carroll, Eugene G., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,060,854; Nov. 17.
- Carroll, Eugene G., and J. R. Cox, assignors to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,057,706; Oct. 20.
- Carroll, Fred H., Grand Crossing, Fla. Railroad crossing signal. 2,042,879; June 2.
- Carroll, Fred M., Yonkers, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,063,486; Dec. 8.
- Carroll, Fred M., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,063,487; Dec. 8.
- Carroll, Fred M., Yonkers, and A. F. Smith, Brooklyn, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,056,389; Oct. 6.
- Carroll, Fred M., Binghamton, N. Y., and J. H. Bakelaar, Paterson, N. J., assignors to International Business Machines Corporation, New York, N. Y. Recording and record feeding device. 2,066,029; Dec. 29.
- Carroll, Fred M., Yonkers, N. Y., and J. M. Bakelaar, Paterson, N. J., assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Record feeding device. 2,066,305; Dec. 29.
- Carroll, George S., Chicopee, Mass. Paper manufacture. 2,064,647; Dec. 15.
- Carroll, John S., Yonkers, and D. N. Halstead, Brooklyn, assignors to Johns-Manville Corporation, New York, N. Y. Pipe wrapping machine. 2,051,634; Aug. 18.
- Carroll, Joseph H. (See Malone, J. Y., Carroll, and McKee.)
- Carroll, Morris B., Westfield, N. J., assignor to La Mont Corporation, New York, N. Y. Steam generator. 2,048,373; July 21.
- Carroll, Stewart J., and H. B. Smith, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose organic ester composition containing fenchyl alcohol. 2,051,198; Aug. 18.
- Carroll, Terry O., assignor of one-fourth to D. E. Dunbar, Lakeland, Fla. Artificial leg. 2,045,580; June 30.
- Carroll, Thomas E., and F. J. Meyers, New York, N. Y. Tuck-making device. 2,043,735; June 9.
- Carroll, William B., Okemah, Okla. Surgical implement. 2,060,724; Nov. 10.
- Carroll, William M. (See Sedgebury, H. F., and Carroll.)
- Carroll, William M., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Liquid dispensing apparatus. 2,065,052; Dec. 22.
- Carroll, William P., and W. A. Stattmann, said Stattmann assignor to said Carroll and Gerald J. Graham, Chicago, Ill. Tamperproof stopper seal for bottles. 2,056,253; Oct. 6.
- Carrollton Metal Products Company, The. (See Stevens, Carl A., assignor.)
- Carruthers, Eben H., and D. B. Green, Ithaca, N. Y. Fuel burning apparatus. 2,048,321; July 21.
- Carruthers, Henry M., Miami, Fla. Solar water heater. 2,065,653; Dec. 29.
- Carruthers, Thomas F. (See Cox, H. L., and Carruthers.)
- Carsillo, Giovanni, Philadelphia, Pa. Gambrel. 2,033,754; Mar. 10.
- Carsley, Elizabeth M. (See Scott, Walter M., assignor.)
- Carson, Arthur, Richmond, Va., assignor to American Telephone & Telegraph Company. Telephone system. 2,031,692; Feb. 25.
- Carson, Benjamin R., Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Two-speed turntable drive. 2,051,819; Aug. 25.
- Carson, Benjamin R., Camden, N. J., assignor to Radio Corporation of America. Intermittent film feeding mechanism. 2,059,206; Nov. 3.
- Carson, Benjamin R., Camden, N. J., assignor to Radio Corporation of America. Automatic phonograph. 2,062,396; Dec. 1.
- Carson, Francis L., assignor to The Pacific Lumber Company, San Francisco, Calif. Manufacture of artificial lumber and pressed and molded products. 2,033,411; Mar. 10.
- Carson, Hiram J., Omaha, Nebr. Production of carbureted water gas. 2,033,511; Mar. 10.
- Carson, Hiram J., Cedar Rapids, Iowa. Manufacturing combustible gas. 2,054,154; Sept. 15.
- Carson, Oswald B., Scarsdale, N. Y. Spectacle. 2,041,283; May 19.
- Carson, Oswald B., Scarsdale, assignor to American Hard Rubber Company, New York, N. Y. Comb. 2,028,588; Jan. 21.
- Carson, Robert H., Jr. (See Carson, Robert H. and R. H., Jr.)



- Carson, Robert H. and R. H., Jr., Chicago, Ill. Heating apparatus. 2,037,850; Apr. 21.
- Carson, Robert N., Jr. (See Newhart, Harry D., assignor.)
- Carson, William W., Jr. (See Davies, L. L., Resek, and Carson.)
- Carstens, Carl E., D. Dyrenforth, and A. D. Marriott, Jr., Denver, Colo., assignors to The Dorr Company, Inc., New York, N. Y. Classifier. 2,042,444; May 26.
- Carswell, Firman L., and O. W. Schmidt, Kansas City, Mo., assignors to Republic Steel Corporation, Youngstown, Ohio. Road guard construction. 2,047,990; July 21.
- Carswell, Firman L., Manufacturing Company, The. (See Morphy, John A., assignor.)
- Carswell, Thomas S., Kirkwood, assignor to Monsanto Chemical Company, St. Louis, Mo. Separation of meta cresol from meta cresol-para cresol mixture. 2,042,331; May 26.
- Carswell, Thomas S., Kirkwood, assignor to Monsanto Chemical Company, St. Louis, Mo. Separation of cyclic alcohols from their ketones. 2,042,332; May 26.
- Carter, Albert S., Wilmington, Del., and F. B. Downing, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing vinylacetylene. 2,048,838; July 28.
- Carter, Albert S., Wilmington, Del., and F. B. Downing, Carney's Point, N. J., assignors to E. I. du Pont de Nemours & Co., Wilmington, Del. Sulphurized unsaturated aliphatic hydrocarbons and preparing them. 2,061,019; Nov. 17.
- Carter, Arnold H., assignor of one-fourth to H. H. Klug, Wilmington, Calif. Adjustable auto hood paint rack. 2,036,459; Apr. 7.
- Carter, August J., assignor to Carter Brothers, Inc., Chattanooga, Tenn. Tufted rug. 2,042,503; June 2.
- Carter, Benjamin C., South Farnborough, England. Coupling for conveying rotary motion. 2,053,180; Sept. 1.
- Carter, Bernard M. (See Fowler, T. V., Jr., Harkness, Merriam, and Carter.)
- Carter, Bernard M., Montclair N. J., assignor to General Chemical Company, New York, N. Y. Purification of gases. 2,028,318; Jan. 21.
- Carter, Bernard M., Montclair, N. J., assignor to General Chemical Company, New York, N. Y. Treating gases. 2,046,500; July 7.
- Carter, Bernard M., Montclair, N. J., assignor to General Chemical Company, New York, N. Y. Apparatus for roasting ores. 2,056,564; Oct. 6.
- Carter, Bernard M., Montclair and H. F. Merriam, West Orange, N. J., assignors to General Chemical Company. Roasting ore. 2,065,563; Dec. 29.
- Carter Brothers, Inc. (See Carter, August J., assignor.)
- Carter Carburetor Corporation. (See Bicknell, George M., assignor.)
- Carter Carburetor Corporation. (See Boller, Henry A., assignor.)
- Carter Carburetor Corporation. (See Boyce, Leonard D., assignor.)
- Carter Carburetor Corporation. (See Ericson, George R., assignor.)
- Carter Carburetor Corporation. (See Ericson, G. R., and Boyce, assignors.)
- Carter Carburetor Corporation. (See Kommer, Fred A., assignor.)
- Carter Carburetor Corporation. (See Markham, Charles E., assignor.)
- Carter, Chapel S. (See Hunt, J. O., and Carter.)
- Carter, Charles, trustee. (See Kurtz, Cyrus B., assignor.)
- Carter, Donald M. (See Bernard, David G., assignor.)
- Carter, Edward B., Lexington, Mass. Coin detecting apparatus for coin operated telephones and the like. 2,040,166; May 12.
- Carter, Emmett F. (See Ackman, H. E., and Carter.)
- Carter, Emmett F., Flushing, N. Y., assignor to United Research Corporation, Flushing, N. Y. Wave signaling system. 2,034,226; Mar. 17.
- Carter, Frank A., and F. J. McAvoy, Roselle Park, N. J. Spark plug. 2,037,851; Apr. 21.
- Carter, Frank M. (See Warren, Lorrie B., assignor.)
- Carter, George R., Company, The. (See Creamer, Edgar R., assignor.)
- Carter, Haskell C., Portland, Oreg. Dishwashing machine. 2,046,311; July 7.
- Carter, Haskell C., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Bin conveyer. 2,027,958; Jan. 14.
- Carter, Herbert D., Winnipeg, Manitoba, Canada. Apparatus for producing hydrogen. 2,045,832; June 30.
- Carter, Herman T., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Operator's telephone circuit. 2,030,961; Feb. 18.
- Carter, John F. (See Ginter, C. W., and Carter.)
- Carter, John F., assignor to The Aro Equipment Corporation, Bryan, Ohio. Power unit for individual lubricant guns. 2,039,881; May 5.
- Carter, John F., assignor to The Aro Equipment Corporation, Bryan, Ohio. Speed coupler. 2,050,647; Aug. 11.
- Carter, Joseph H. (See Hughes, J. M., Carter, and Reagle.)
- Carter, Leslie F. (See Carlson, B. G., and Carter.)
- Carter, Leslie F., Leonia, N. J., assignor, by mesne assignments, to Sperry Products, Inc., Brooklyn, N. Y. Gyro baseline. 2,041,526; May 19.
- Carter, Leslie F., Leonia, N. J., assignor, by mesne assignments, to Sperry Products Inc., Brooklyn, N. Y. Gyroscopic compass. 2,044,899; June 23.
- Carter, Leslie F., Leonia, N. J., assignor to Sperry Products, Inc., Brooklyn, N. Y. Track recorder mechanism. 2,058,564; Oct. 27.
- Carter, Leslie F., Leonia, N. J., assignor to Sperry-Gyro-scope Company, Inc., Brooklyn, N. Y. Antivibration mounting for instruments. 2,059,313; Nov. 3.
- Carter, Lionel A., Webster Groves, Mo. Setting and indicating device for geared lathe headstocks. 2,030,097; Feb. 11.
- Carter, Lionel A., Webster Groves, Mo. Lathe. 2,041,046; May 19.
- Carter, Lionel A., Webster Groves, Mo. Change speed transmission. 2,050,245; Aug. 11.
- Carter, Lionel A., Webster Groves, Mo. Change speed transmission. 2,050,520; Aug. 11.
- Carter, Mitchell, Los Angeles, Calif., assignor to General Electric Company. Grinding machine. 2,044,563; June 16.
- Carter, Mitchell, Trenton, N. J., assignor to General Electric Company. Grinding machine. 2,044,564; June 16.
- Carter, Paul E. (See Benedict, F., and Carter.)
- Carter, Philip L. (See Terrell, H. T., Hughes, and Carter.)
- Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Directional antenna. 2,027,020; Jan. 7.
- Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna. 2,038,539; Apr. 28.
- Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna heating. 2,039,295; May 5.
- Carter, Philip S., Port Jefferson, Long Island, N. Y., assignor to Radio Corporation of America. Reversible beam system. 2,040,079; May 12.
- Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna. 2,058,412; Oct. 27.
- Carter, Ralph H. (See Oppenlaender, O., Gollong, and Carter.)
- Carter, Randolph L., San Antonio, Tex. Adjustable taper ripping jig. 2,032,976; Mar. 3.
- Carter, Roscoe H., Washington, D. C., dedicated to the Free Use of the Public of the United States of America. Removal of insecticidal residues from fruits and vegetables. 2,046,546; July 7.
- Carter, Roscoe H., Washington, D. C., dedicated to the Free Use of the Public of the United States of America. Removal of insecticidal residues from fruits and vegetables. 2,046,547; July 7.
- Carter, Roscoe H., and J. E. Fahey, Washington, D. C., dedicated to the Free Use of the Public of the United States of America. Removal of insecticidal residues from fruits and vegetables. 2,046,548; July 7.
- Carter, Thomas W. (See Cain, William S., assignor.)
- Carter, Walter, Honolulu, Hawaii. Insecticide and making same. 2,056,121; Sept. 29.
- Carter, William. (See Eckford, W., and Carter.)
- Carter, William, Company, The. (See Drumheller, Charles E., assignor.)
- Carter, William, Company, The. (See Redmond, Harriet L., assignor.)
- Carter, William W., Needham, assignor to Brayton Morton, Fall River, Mass. Dispersing matter in manufactured material. 2,027,090; Jan. 7.
- Carter's Ink Company, The. (See Nealand, George E., assignor.)
- Carthage Mills Incorporated. (See Greiser, Melvin R., assignor.)
- Cartier, Octave S., Ansonville, Ontario, Canada. Coupling. 2,062,740; Dec. 1.
- Cartin, James D., Watertown, N. Y., assignor to The New York Air Brake Company. Reservoir mounting. 2,031,693; Feb. 25.
- Cartland, George F., and M. H. Kuizenga, Kalamazoo, Mich. Extracting adrenal cortical hormones and the product of such method. 2,053,549; Sept. 8.
- Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,027,091; Jan. 7.
- Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,045,008; June 23.
- Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,046,016; June 30.
- Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Cable reel. 2,055,681; Sept. 29.
- Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Gathering and loading machine. 2,062,555; Dec. 1.
- Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,064,104; Dec. 15.
- Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Gathering and loading machine. 2,066,137; Dec. 29.
- Carton Container Company. (See Ringler, William A., assignor.)
- Carton Stamping & Enameling Company, The. (See Bebb, Harry T., assignor.)
- Cartter, William G., Monrovia, Calif. Burner for hydrocarbon gases. 2,061,561; Nov. 24.
- Cartter, William G., Monrovia, Calif. Burner for hydrocarbon gases. 2,061,562; Nov. 24.



- Cartun, Paul O., Cleveland Heights, Ohio, assignor to General Electric Company. Tubular and other incandescent lamps and their manufacture. 2,032,791; Mar. 3.
- Cartun, Paul O., Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp. 2,048,491; July 21.
- Cartwright, F. Sylvester. (See Cartwright, Thomas E., assignor.)
- Cartwright, Thomas E., assignor of one-half to F. S. Cartwright, Portland, Oreg. Wall chute for bills. 2,062,639; Dec. 1.
- Cartzdafner, Roy E., assignor to Magor Car Corporation, Passaic, N. J. Cement car. 2,051,984; Aug. 25.
- Cartzdafner, Roy E., assignor to Magor Car Corporation, Passaic, N. J. Hopper bottom closure. 2,051,985; Aug. 25.
- Cartzdafner, Roy E., and O. O. Williams, Passaic, N. J., assignor to Magor Car Corporation, New York, N. Y. Drop end railroad car service. 2,052,867; Sept. 1.
- Caruso, Eugene M., Philadelphia, Pa. Antrum spray. 2,052,868; Sept. 1.
- Caruso, Santi T., Ardmore, Pa. Dentist's tooth extracting implement. 2,027,470; Jan. 14.
- Caruthers, Jacob S. (See Leifheit, F. J., and Caruthers.)
- Carvalho, Leslie R. N., assignor to The Closure Service Company, Toledo, Ohio. Forming and applying screw caps to containers. 2,038,524; Apr. 28.
- Carvalho, Leslie R. N., assignor to The Closure Service Company, Toledo, Ohio. Apparatus for the manufacture of metal closures. 2,045,121; June 23.
- Carvalho, Leslie R. N., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Closure for bottles and jars. 2,058,297; Oct. 20.
- Carvalho, Louis da C., New Orleans, La. Infusion making apparatus. 2,065,211; Dec. 22.
- Carver Cotton Gin Company. (See Cockerham, Albert S., assignor.)
- Carver Cotton Gin Company. (See McLean, Robert W., assignor.)
- Carver, Emmett K., assignor to Eastman Kodak Company, Rochester, N. Y. Curing cellulose derivative sheeting. 2,037,704; Apr. 21.
- Carver Engineering Corporation. (See Ashley, Carlyle M., assignor.)
- Carver, Fred S., East Orange, N. J. Machine for finishing chocolate and the like. 2,035,863; Mar. 31.
- Carvette, Charles W., Greenwich, Conn. Safety check for window sashes. 2,038,827; Apr. 28.
- Cary, Joseph B., Buffalo, C. G. Allgrunn and J. E. Hollinger, assignors to Niagara Sprayer and Chemical Company, Inc., Middleport, N. Y. Crop duster. 2,062,294; Dec. 1.
- Cary Joseph B., Buffalo, C. G. Allgrunn and J. E. Hollinger, assignors to Niagara Sprayer and Chemical Company, Inc., Middleport, N. Y. Crop duster. 2,062,295; Dec. 1.
- Cary, Roy, Wallace, Nebr. Window platform. 2,049,353; July 28.
- Casablancas, Fernando, Sabadell, Spain. Guiding the endless belts in the drawing apparatus for textile rovings. 2,036,318; Apr. 7.
- Casablancas, Fernando, Sabadell, Spain. High draft mechanism with endless belts. 2,043,505; June 9.
- Casablancas, Fernando, Sabadell, Spain. Drawing mechanism for textile rovings. 2,045,697; June 30.
- Casablancas, Fernando, Sabadell, Spain. False twist mechanism for textile rovings. 2,049,945; Aug. 4.
- Casablancas, Fernando, Sabadell, Spain. Cleaning apparatus for high draft mechanisms with endless belts. 2,051,793; Aug. 18.
- Casablancas, Fernando, Sabadell, Spain. Pressure apparatus for the drawing mechanisms for textile rovings. 2,065,115; Dec. 22.
- Casale, Marco, assignor to Casmark Corporation, New York, N. Y. Oil burning boiler. 2,058,413; Oct. 27.
- Casby, John J. (See Ogden, H. S., and Casby.)
- Casciani, Anthony. (See Wieger, Henry F., assignor.)
- Casco Products Corporation. (See Bahr, Gustav F., assignor.)
- Casco Products Corporation. (See Cohen, Joseph H., assignor.)
- Case, Arthur F., assignor to The Wellman Engineering Company, Cleveland, Ohio. Hood for car dumpers. 2,062,503; Dec. 1.
- Case, Arthur F., and J. P. Doyle, Lakewood, assignors to The Wellman Engineering Company, Cleveland, Ohio. Hood for car dumpers. 2,062,501; Dec. 1.
- Case, Arthur F., Cleveland, and J. P. Doyle, Lakewood, assignors to The Wellman Engineering Company, Cleveland, Ohio. Hood for car dumpers. 2,062,502; Dec. 1.
- Case, Francis M., Cleveland, assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 2,055,451; Sept. 22.
- Case, G. Harry, Moline, Ill. Rotary shear. 2,033,181; Mar. 10.
- Case, G. Harry, Moline, assignor, by mesne assignments, to Ahibell Battery Container Corporation, Waukegan, Ill. Molding press. 2,038,205; Apr. 21.
- Case, J. I., Company. (See Geraldson, Gerald, assignor.)
- Case, J. I., Company. (See Hendricks, S. B., and Markel, assignors.)
- Case, J. I., Company. (See Huddle, Edwin F., assignor.)
- Case, J. I., Company. (See MacGregor, Wallace F., assignor.)
- Case, J. I., Company. (See Rutter, Alvah E., assignor.)
- Case, J. I., Company. (See Rutter, Alvah H., assignor.)
- Case, Nelson P. (See Wheeler, H. A., Whitman, Case, and Swinyard.)
- Case, Nelson P., Great Neck, N. Y., assignor to Hazeltine Corporation. Oscillation system. 2,036,319; Apr. 7.
- Case, Nelson P., Bayside, N. Y., assignor to Hazeltine Corporation, Jersey City, N. J. High frequency system. 2,045,569; June 30.
- Case, Nelson P., Great Neck, N. Y., assignor to Hazeltine Corporation. Tuned coupling system. 2,056,390; Oct. 6.
- Case, Nelson P., Bayside, N. Y., assignor to Hazeltine Corporation. Wave signal receiver. 2,058,565; Oct. 27.
- Case, Pomeroy & Company. (See Converse, Edward H., assignor.)
- Case Research Laboratory, Incorporated. (See Case, Theodore W., assignor.)
- Case, Theodore W., Auburn, assignor to Case Research Laboratory, Incorporated, Auburn, N. Y. Sound picture record. 2,030,098; Feb. 11.
- Case, Theodore W., assignor to Case Research Laboratory, Incorporated, Auburn, N. Y. Manufacture of glow lamps. 2,057,183; Oct. 13.
- Case, W. A., & Son Mfg. Co. (See Zwermann, Carl H., assignor.)
- Case, William T. (See Story, E. B., and Case.)
- Casella, Secondo L., assignor to Franklin Baker Company, New York, N. Y. Coconut paring machine. 2,044,418; June 16.
- Caserta, Alfred E., assignor to The Henry & Wright Manufacturing Company, Hartford, Conn. Automatic punch press. 2,064,731; Dec. 15.
- Caserta, Michele A., Detroit, Mich. Starting internal combustion engines. 2,056,710; Oct. 6.
- Cases, Armando L., Padova, Italy. Four-stroke-cycle engine with combined admission and exhaust valve gear. 2,045,122; June 23.
- Casey, Edward F. (See Willey, E. A., and Casey.)
- Casey, Ernest R., Evanston, Wyo. Claw bar. 2,061,754; Nov. 24.
- Casey, George V., assignor to General Findings & Supply Co., Attleboro, Mass. Band. 2,054,408; Sept. 15.
- Casey, Hilton W., Boothwyn, assignor, by mesne assignments, of one-half to J. C. Alexander, Media, Pa. Recovery of caustic hydroxide from waste solutions. 2,040,805; May 12.
- Casey, Howard T. (See Drenning, P. R., Ashley, and Casey.)
- Casey, Patrick J., Falls Creek, and M. S. Sibley, Brockway, Pa. Highway appliance. 2,064,519; Dec. 15.
- Casey, Robert A. (See Baker, Paul.)
- Cash, A. W., Company. (See Temple, Paul C., assignor.)
- Cash, A. W., Company. (See Terry, Charles M., assignor.)
- Cash, J. & J., Incorporated. (See Riley, Thomas, assignor.)
- Cashman, Denis F., Dayton, Ohio. Propeller drive. 2,062,293; Dec. 1.
- Casio Products Corporation. (See Cohen, Joseph H., assignor.)
- Casler, Herman, Canastota, N. Y. Method of and apparatus for treating photographic pictures. 2,055,653; Sept. 29.
- Casler, Roger H. (See Johnson, S., Jr., and Casler.)
- Casler, Roger H., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake mechanism. 2,062,806; Dec. 1.
- Casler, Roger H., and W. A. Eaton, assignors to Bendix Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake mechanism. 2,062,500; Dec. 1.
- Casmak Corporation. (See Casale, Marco, assignor.)
- Cason, Arthur C., Norfolk, Va. Nonpervious sweat band construction for hats. 2,027,471; Jan. 14.
- Casper, Frank L., Howes Cave, N. Y. Table leaf support. 2,031,759; Feb. 25.
- Casper, Louis, Richmond Hill, assignor to The Western Union Telegraph Company, New York, N. Y. Electrical contact. 2,056,919; Oct. 6.
- Cassady, Gerald H., Detroit, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Airplane wheel. 2,052,130; Aug. 25.
- Cassanos, Demetrios H. (See Cassanos, Harilaos D. and D. H.)
- Cassanos, Harilaos D. and D. H., Woburn, Mass. Toothpaste dispenser. 2,053,697; Sept. 8.
- Casse, Joseph E., assignor to Crawford Door Company, Detroit, Mich. Locking mechanism. 2,053,414; Oct. 27.
- Cassé, Marcel, Essones, France. Apparatus for the treatment of hats and other articles. 2,038,643; Apr. 28.
- Cassell, Joseph L., assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Automatic radio receiving apparatus. 2,029,909; Feb. 4.
- Cassels, Walter T., Buenos Aires, Argentina. Broom and the like. 2,035,534; Mar. 31.
- Casserly, Michael C. (See Young, Fletcher M., assignor.)
- Cassidy, Perry R. (See Bailey, E. G., Cassidy, and Hardgrove.)
- Cassidy, Thomas A., and H. F. Wilmot, assignors to Wilmot and Cassidy, Inc., Brooklyn, N. Y. Testing petroleum hydrocarbons. 2,046,365; July 7.
- Cassina, Umberto. (See Colla, E., and Cassina.)
- Cassity, Charles B., Kansas City, Mo. Boiler. 2,056,254; Oct. 6.
- Cassity, Charles B., assignor of one-half to R. Mellon, Kansas City, Mo. Vacuum line boiler feed and water heater. 2,032,400; Mar. 3.



- Cassius, Claude F., St. Louis, Mo. Shower head brush. 2,055,813; Sept. 29.
- Cassol, Bruno, assignor to G. B. Moneta, Milan, Italy. Apparatus for filtration of infusions. 2,053,021; Sept. 1.
- Castagnola, Oliver, Brooklyn, N. Y. Built-in arch support. 2,060,391; Nov. 10.
- Castell Research Laboratories, Inc. (See Strauss, Theodore O., assignor.)
- Castellazzi, Giacomo A., Milan, Italy. Steam heating plant. 2,057,416; Oct. 13.
- Caster, John E. (See Boota, C., and Caster.)
- Caster, John E., Covington, Ky., and L. F. Nenninger, assignors, by mesne assignments, to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding. 2,033,324; Mar. 10.
- Casterline, Lester G., Flushing, N. Y. Automobile brush spray. 2,035,635; Mar. 31.
- Castino, John B., River Forest, Ill. Wringer. 2,056,252; Oct. 6.
- Castle, Ralph F., Kansas City, Mo., assignor, by mesne assignments, to Sealzit Corporation. Refrigeration apparatus. 2,038,989; Apr. 28.
- Castles, Joseph T., Jr., Maplewood, N. J. Plastic sheet compositions. 2,036,195; Apr. 7.
- Casto, Lloyd V., assignor to Oxford Varnish Corporation, Detroit, Mich. Decorating surface and obtaining the same. 2,047,670; July 14.
- Casto, Lloyd V., assignor to Oxford Varnish Corporation, Detroit, Mich. Effecting graining upon elongated strips of material. 2,047,671; July 14.
- Castricone, John A., Peoria, Ill. Ironing machine. 2,062,989; Dec. 1.
- Castronovo, Joseph, assignor of fifty per cent to J. Margolit, York, Pa. Coat gauging square. 2,046,936; July 7.
- Caswell, John A. (See Nichols, G. H., and Caswell, assignors.)
- Catalyst Research Corporation. (See Bennett, Owen G., assignor.)
- Cate, Paul E., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Automatic soldering machine. 2,038,525; Apr. 28.
- Cate, Paul E., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Automatic soldering and sealing machine. 2,059,931; Nov. 3.
- Cater, Earl E., Los Angeles, assignor, by mesne assignments, to MacClatchie Manufacturing Company, Compton, Calif. Piston. 2,063,724; Dec. 8.
- Caterpillar Tractor Co. (See Eberhard, Harmon S., assignor.)
- Caterpillar Tractor Co. (See Gustafson, Carl A., assignor.)
- Caterpillar Tractor Co. (See Hopkins, George W., Jr., assignor.)
- Caterpillar Tractor Co. (See Radford, William H., assignor.)
- Caterpillar Tractor Co. (See Ruediger, Frank, assignor.)
- Caterpillar Tractor Co. (See Starr, Oscar L., assignor.)
- Caterpillar Tractor Co. (See Wickersham, Elmer E., assignor.)
- Cathcart, Alexander H., et al. (See Olsen, Edward, assignor.)
- Cathey, Robert S., Portland, Oreg. Knife. 2,048,322; July 21.
- Catineau, André, St. Fons, near Lyon, France, and E. Dür, Basel, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Sulphurized dye-stuff and making same. 2,036,186; Apr. 7.
- Catland, Alfred C. (See Howard, J. H., and Catland.)
- Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Angeles, Calif. Roller bit. 2,061,650; Nov. 24.
- Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Roller rock bit. 2,063,012; Dec. 8.
- Catlett, James T., Scotia, N. Y., assignor to General Electric Company. Electrode holder. 2,042,504; June 2.
- Catlin, John B., Appleton, and R. A. Moravek, Neenah, assignors to Paper Patents Company, Neenah, Wis. Apparatus for making artificial leather or the like. 2,049,892; Aug. 4.
- Catok, Victor M. (See Pendleton, R. N., and Hodge, assignors.)
- Caton, Maurice L., White Plains, assignor to The Patent and Licensing Corporation, New York, N. Y. Weather-proofing shingles or like articles. 2,039,776; May 5.
- Caton, Thomas, Millbrook, N. Y. Fruit conveyer. 2,032,258; Feb. 25.
- Catron, Harold, R. L. Dashner, and M. W. Morris, assignors to R-B-M Manufacturing Company, Logansport, Ind. Terminal assembly. 2,056,036; Sept. 29.
- Catron, Harold, R. L. Dashner, and M. W. Morris, assignors to R-B-M Manufacturing Company, Logansport, Ind. Switch. 2,058,566; Oct. 27.
- Catron, John H., Willow Glen, Calif. Exercising apparatus. 2,051,366; Aug. 18.
- Catt, Harold W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Elastic rubber transmission band. 2,059,207; Nov. 3.
- Catucci, Pliny, Newark, N. J. Check writing machine. 2,047,939; July 21.
- Caudri, Johan F. M., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Treating mineral oil distillates. 2,055,425; Sept. 22.
- Cauer, Wilhelm, Gottingen, Germany. Unsymmetrical electric wave filter. 2,048,426; July 21.
- Caughlan, Walter M., Denver, assignor of one-half to O. N. Rounsavell, Littleton, Colo., and one-half to I. Lindner, Denver, Colo. Apparatus for reclaiming fine (flour) gold from concentrates. 2,033,682; Mar. 10.
- Causey, Daniel W., Norfolk, Va. Shade protector. 2,029,308; Feb. 4.
- Cautley, John R., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake cooling means. 2,041,457; May 19.
- Cautley, John R., assignor to Bendix Aviation Corporation, South Bend, Ind. Oleo gear. 2,055,248; Sept. 22.
- Cauwenberg, Winfred J. (See Ryan, L. W., and Cauwenberg.)
- Cauwenberg, Winfred J., Elizabeth, assignor to United Color & Pigment Company, Newark, N. J. Extracting titanium compounds from titanium-containing ore. 2,066,093; Dec. 29.
- Cavaglieri, Giuseppe, assignor to G. F. Marquis, Los Angeles, Calif. Earthquake protected building construction. 2,035,143; Mar. 24.
- Cavagnaro, John J., Ridgewood, N. J. Accumulator system for calendars. 2,051,434; Aug. 18.
- Cavagnaro, Nicholas J., Richmond Hill, assignor to Consolidated Macaroni Machine Corporation, Brooklyn, N. Y. Conveyer belt for driers. 2,053,322; Sept. 8.
- Cavallari, Fred and P. Ori, Reading, Pa. Pasting machine. 2,056,091; Sept. 29.
- Cavanagh, James, Cohasset, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and the manufacture thereof. 2,038,644; Apr. 28.
- Cavanagh, James, Cohasset, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of soles. 2,041,901; May 26.
- Cavanagh, James, Cohasset, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and the manufacture thereof. 2,044,875; June 23.
- Cavanagh, James, Cohasset, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel and attaching. 2,060,031; Nov. 10.
- Cavanagh, John, Norwalk, assignor to Hat Corporation of America, South Norwalk, Conn. Reinforced edge for hat brims. 2,027,858; Jan. 14.
- Cavanagh, John F., Providence, R. I. Thread splicing device. 2,028,144; Jan. 21.
- Cavanagh, John F., Providence, R. I., assignor to Boston Wire Stitcher Company, Warwick, R. I. Staple. 2,052,553; Sept. 1.
- Cavanagh, John F., Providence, assignor to Boston Wire Stretcher Company, Warwick, R. I. Method of and machine for stapling or stitching. 2,055,249; Sept. 22.
- Cavazza, Benjamin A., North Adams, Mass. Mouthpiece. 2,061,550; Nov. 24.
- Cave, Cuthbert W. (See Ellis, C. H., and Cave.)
- Cave, Henry, Hartford, Conn. Dishwashing machine. 2,056,343; Oct. 6.
- Cavender, John W., Placerville, Calif. Grade indicator. 2,045,631; June 30.
- Cavezzale, Candido, and G. Curreli, Messina, Italy. Production of alkali metal silicates. 2,047,614; July 14.
- Cavins, Omar A. (See Gates, L. G., Herrick, Cavins, and Postlewaite.)
- Cavins, Paul. (See Melo, August A., assignor.)
- Cavins, Paul. (See Smith, Elmer R., assignor.)
- Cavitt, Paul, Watseka, Ill. Seat connecting device. 2,059,848; Nov. 3.
- Cavuoti, Frank, Ozone Park, N. Y. Receptacle closure. 2,059,932; Nov. 3.
- Cawein, Madison. (See Lewis, H. M., and Cawein.)
- Cawl, Franklin R., et al. (See Milone, Samuel, assignor.)
- Cawley, Aloysius J., Pittston, Pa. Television apparatus. 2,026,610; Jan. 7.
- Cawley, Aloysius J., Pittston, Pa. Television. 2,032,526; Mar. 3.
- Cawley, Aloysius J., Pittston, Pa. Vacuum tube circuit. 2,056,824; Oct. 6.
- Cawley, George, Upper Montclair, N. J. Valve operating mechanism. 2,030,571; Feb. 11.
- Cawthon, James L., Jr. (See Edmunds, G. E., and Cawthon.)
- Cawthon, Kolloch H., Palestine, Tex. Tie holder and press. 2,048,919; July 28.
- Caye, Woolsey M., Louisville, Ky. Roadway. 2,057,708; Oct. 20.
- Cayser, Hans. (See Witte, K., and Cayser.)
- Ceablon, Wendell S., assignor to Beehler Steel Products Company, St. Louis, Mo. Brake. 2,038,268; Apr. 21.
- Ceccarini, Olindo O., Beverly Hills, assignor to Metro-Goldwyn-Mayer Corporation, Culver City, Calif. Improved motion picture camera. 2,040,244; May 12.
- Ceccon, John B., San Francisco, Calif., assignor to San Francisco Sulphur Company. Free flowing sulphur. 2,061,185; Nov. 17.
- Cedar Rapids Engineering Company. (See Dunn, Allen I., assignor.)
- Cederholm, Knut J. (See Hobbs, L. G., and Cederholm.)
- Cederholm, Knute J., and L. G. Hobbs, Fitchburg, Mass. Apparatus for forming rolls. 2,054,720; Sept. 15.
- Cederlund, Albert and E. R. Holmes, assignors to Crompton & Knowles Works, Worcester, Mass. Shuttle changer. 2,054,192; Sept. 15.
- Cederquist, Alf F., St. Louis, Mo. Sewing machine. 2,048,427; July 21.



- Cederquist, Karl N. (See Bergström, H. O. V., Cederquist, and Trobeck.)
- Cederwall, Leonard O., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Aileron control. 2,053,064; Sept. 1.
- Ceglowski, Stanley, Hillside, N. J. Propeller, fan, and exhauster. 2,030,622; Feb. 11.
- Cekal, James G. (See Fredrickson, E. A. and Cekal.)
- Cekal, James G., assignor to Crane Co., Chicago, Ill. Vacuum breaker. 2,047,163; July 7.
- Celander, Philip A., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Fluid fuel burner. 2,055,426; Sept. 22.
- Celander, Philip A. and A. C. Hollatz, assignors to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Lubricating system. 2,060,752; Nov. 10.
- Celastec Corporation. (See Quinlivan, Quentin L., assignor.)
- Celanese Corporation. (See Taylor, William I., assignor.)
- Celanese Corporation of America. (See Beran, Charles F., assignor.)
- Celanese Corporation of America. (See Blake, G. R., and Seymour, assignors.)
- Celanese Corporation of America. (See Boaler, William H., assignor.)
- Celanese Corporation of America. (See Bodell, Henry R., assignor.)
- Celanese Corporation of America. (See Dickie, William A., assignor.)
- Celanese Corporation of America. (See Dickie, W. A., Finlayson, and Sowter, assignors.)
- Celanese Corporation of America. (See Dickie, W. A., and Gentle, assignors.)
- Celanese Corporation of America. (See Dickie, W. A., and Hill, assignors.)
- Celanese Corporation of America. (See Dickie, W. A., and Moncrieff, assignors.)
- Celanese Corporation of America. (See Dickie, W. A., and Sowter, assignors.)
- Celanese Corporation of America. (See Dickie, W. A., and Taylor, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., and Blake, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., and Platt, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., and Schneider, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., and Whitehead, assignors.)
- Celanese Corporation of America. (See Dreyfus, H., and Dickie, assignors.)
- Celanese Corporation of America. (See Dreyfus, H., Dickie, and Taylor, assignors.)
- Celanese Corporation of America. (See Dreyfus, H., Oxley, and Fallows, assignors.)
- Celanese Corporation of America. (See Dreyfus, H., and Pool, assignors.)
- Celanese Corporation of America. (See Dreyfus, H., and Taylor, assignors.)
- Celanese Corporation of America. (See Eichengrun, Arthur, assignor.)
- Celanese Corporation of America. (See Ellis, George H., assignor.)
- Celanese Corporation of America. (See Ellis, G. H., and Brown, assignors.)
- Celanese Corporation of America. (See Ellis, G. H., and Kirk, assignors.)
- Celanese Corporation of America. (See Ellis, G. H., and Olpin, assignors.)
- Celanese Corporation of America. (See Ellis, G. H., Olpin, and Kirk, assignors.)
- Celanese Corporation of America. (See Ellis, G. H., and Storey, assignors.)
- Celanese Corporation of America. (See Elvin, W. J., and Killoran, assignors.)
- Celanese Corporation of America. (See Groombridge, W. H., and Mellers, assignors.)
- Celanese Corporation of America. (See Hale, Frank C., assignor.)
- Celanese Corporation of America. (See Hale, F. C., and Howarth, assignors.)
- Celanese Corporation of America. (See Hale, F. C., and Tyce, assignors.)
- Celanese Corporation of America. (See Hale, F. C., and Yeadon, assignors.)
- Celanese Corporation of America. (See Haney, Clifford I., assignor.)
- Celanese Corporation of America. (See Hibbert, Harold, assignor.)
- Celanese Corporation of America. (See Jabouley, Joanny, assignor.)
- Celanese Corporation of America. (See Jacobsen, Henry, assignor, by judicial decree changed to Henry Jenett.)
- Celanese Corporation of America. (See Jenett, Henry, assignor.)
- Celanese Corporation of America. (See Jones, John E., assignor.)
- Celanese Corporation of America. (See Keight, Albert W., assignor.)
- Celanese Corporation of America. (See Kinsella, Edward, assignor.)
- Celanese Corporation of America. (See Kinsella, E., and Addy, assignors.)
- Celanese Corporation of America. (See Kinsella, E., Pratt, and Kelsall, assignors.)
- Celanese Corporation of America. (See Kinsella, E., and Riley, assignors.)
- Celanese Corporation of America. (See Kinsella, E., and Ward, assignors.)
- Celanese Corporation of America. (See Kirk, E. W., and Ellis, assignors.)
- Celanese Corporation of America. (See Martin, Herbert E., assignor.)
- Celanese Corporation of America. (See Moss, William H., assignor.)
- Celanese Corporation of America. (See Olpin, Henry C., assignor.)
- Celanese Corporation of America. (See Olpin, H. C., and Ellis, assignors.)
- Celanese Corporation of America. (See Oxley, H. F., and Fallows, assignors.)
- Celanese Corporation of America. (See Oxley, H. F., and Groombridge, assignors.)
- Celanese Corporation of America. (See Parkinson, R. H., and Addy, assignors.)
- Celanese Corporation of America. (See Platt, Herbert, assignor.)
- Celanese Corporation of America. (See Pool, William, assignor.)
- Celanese Corporation of America. (See Riley, R. H. J., Parkinson, and Sims, assignors.)
- Celanese Corporation of America. (See Roberts, R. P., and Johnson, assignors.)
- Celanese Corporation of America. (See Roberts, R. P., Johnson, and Gregory, assignors.)
- Celanese Corporation of America. (See Roberts, R. P., Kimpton, and Dingley, assignors.)
- Celanese Corporation of America. (See Roberts, Samuel B., assignor.)
- Celanese Corporation of America. (See Rooney, J. H., and Ward, assignors.)
- Celanese Corporation of America. (See Schneider, George, assignor.)
- Celanese Corporation of America. (See Seymour, George W., assignor.)
- Celanese Corporation of America. (See Sowter, Percy F. C., assignor.)
- Celanese Corporation of America. (See Stafford, Charles E., assignor.)
- Celanese Corporation of America. (See Stanley, Edmund, assignor.)
- Celanese Corporation of America. (See Taylor, William I., assignor.)
- Celanese Corporation of America. (See Taylor, W. I., and Grebby, assignors.)
- Celanese Corporation of America. (See Taylor, W. I., and Woodruff, assignors.)
- Celanese Corporation of America. (See Wainwright, J. A., and Harrop, assignors.)
- Celanese Corporation of America. (See Whitehead, William, assignor.)
- Celanese Corporation of America. (See Williams, F. J., and Howarth, assignors.)
- Celanese Corporation of America. (See Weinberg, Leon W., assignor.)
- Celanese Corporation of America. (See Yeadon, Robert, assignor.)
- Celastec Corporation, The. (See Cameron, Earle H., assignor.)
- Celastec Corporation, The. (See Fausse, Joseph, assignor.)
- Celastec Corporation, The. (See Hamilton, Russell, assignor.)
- Celcure Corporation of America. (See Gunn, Gilbert, assignor.)
- Cello-Rite Ribbon Corporation. (See McElrath, William W., assignor.)
- Celloseal Company. (See Whitney, Alvin M., assignor.)
- Celluloid Corporation. (See Bowker, William, assignor.)
- Celluloid Corporation. (See Bowker, W., and Andersen, assignors.)
- Celluloid Corporation. (See Caprio, Amerigo F., assignor.)
- Celluloid Corporation. (See Jareckle, Eugene A., assignor.)
- Celluloid Corporation, et al. (See Olsen, Thomas, assignor.)
- Celluloid Corporation. (See Walsh, James F., assignor.)
- Cellulose Research Corporation, The. (See Olsen, Fredrich, assignor.)
- Cellu-Type Plate Co. (See Schultz, Oswald R., assignor.)
- Celon Company, The. (See Olson, John E., assignor.)
- Celotex Corporation, The. (See Munroe, T. B., and Waterfall, assignors.)
- Cemach, Alexander, Vienna, Austria. Appliance for the treatment of the larynx with ultra-violet rays. 2,034,388; Mar. 17.
- Cemco Engineering and Manufacturing Corporation. (See Webber, John D., assignor.)
- Cement Wrapped Pipe Company. (See Kraner, Warren A., assignor.)
- Centaur Tractor Corporation. (See Cross, Edgar A., assignor.)
- Cen-Tennial Cotton Gin Co. (See Roberts, Hugh, Jr., assignor.)
- Centervall, Hugo A., Brooklyn, assignor to Manly Corporation, New York, N. Y. Hydraulic power system. 2,033,920; Mar. 17.



- Centervall, Hugo A., Brooklyn, assignor to Manly Corporation, New York, N. Y. Eccentric valve control. 2,062,296; Dec. 1.
- Centervall, Hugo A., Brooklyn, assignor to Manly Corporation, New York, N. Y. Steering device for motor vehicles. 2,065,513; Dec. 29.
- Centofanti, Joseph, Schenectady, N. Y. Antiskidding device for automotive vehicles and the like. 2,057,936; Oct. 20.
- Central Commercial Company. (See Gundlach, Henry R., assignor.)
- Central Commercial Company. (See Smith, Preston R., assignor.)
- Central Die Casting and Manufacturing Company. (See Sebek, Albert T., assignor.)
- Central Iron & Steel Company. (See Irons, R. H., and Eck, assignors.)
- Central National United Bank, as Trustee. (See Coil, Grover C., assignor.)
- Central Paper Company. (See Wright, Harold B., assignor.)
- Central Radio Laboratories, Inc. (See Stoekle, Erwin R., assignor.)
- Central Records, Inc. (See Woodruff, L. F., assignor, and Nelson.)
- Central Republic Trust Company, executor. (See Kramer, Cletus F.)
- Central Scientific Company. (See Hornberger, Carl S., assignor.)
- Central Scientific Company. (See States, Marshall N., assignor.)
- Central Texas Iron Works. (See Roberts, John D., assignor.)
- Central Tool Company, The. (See Jaques, Fernando O., assignor.)
- Central United National Bank. (See Coil, Grover C., assignor.)
- Central United National Bank, as trustee. (See Coil, Grover C., assignor.)
- Central United National Bank, trustee. (See Ohmer, John F., assignor.)
- Central United National Bank, trustee. (See Sadgebury, H. F., and Carroll, assignors.)
- Central United National Bank, Trustee. (See Saunders, O. G., and Christ, assignors.)
- Central United National Bank, as trustee. (See Wheelbarger, Albert S., assignor.)
- Central Valve Mfg. Co. (See Pope, Charles S., assignor.)
- Centrifex Corporation. (See Hawley, Charles G., assignor.)
- Centrifugal Pipe Corporation. (See Carrington, Frank G., assignor.)
- Century Lighting Equipment, Inc. (See Levy, Joseph, assignor.)
- Century Machine Company, The. (See Wright, F. H., and Lewis, assignors.)
- Century Ribbon Mil's, Inc. (See Hutzeng, John D., assignor.)
- Cerami, Giuseppe L., Brooklyn, N. Y. Hinge for doors. 2,035,144; Mar. 24.
- Ceramic Process Company, The. (See Wulf, Charles A., assignor.)
- Cerf, Ervin W. (See Cerf, Sam P., and E. W.)
- Cerf, Marcel E., San Francisco, assignor to L. Blake Smith, San Francisco, Calif. Electrical dehydration of oils. 2,030,198; Feb. 11.
- Cerf, Sam P., St. Louis, and E. W. Cerf, Clayton, Mo. Device for protecting concrete. 2,031,098; Feb. 18.
- Certain-Teed Products Corporation. (See Codwise, Philip W., assignor.)
- Certain-Teed Products Corporation. (See Fischer, P. E., and Glover, assignors.)
- Certain-teed Products Corporation. (See Straub, S. C. and Whittemore, assignors.)
- Certain-Teed Products Corporation. (See Will, Walter G., assignor.)
- Cervenka, William F., and F. Miller, Traverse City, Mich. Implement for removing weeds and the like. 2,029,155; Jan. 28.
- Cesareo, Orfeo, Washington Township, Bergen County, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Test circuit. 2,039,631; May 5.
- Cesareo, Orfeo, Washington Township, Bergen County, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,062,444; Dec. 1.
- Ceskoslovenska Zbrojovka Akciova Spolecnost v Brne (See Marek, Anton, assignor.)
- Chace, W. M., Valve Company. (See Alban, C. F., and Hood, assignors.)
- Chadborn, Frederic C., Newburgh, N. Y. Balanced valve. 2,047,615; July 14.
- Chadbourne, Joseph A., assignor to Old Colony Envelope Company, Westfield, Mass. Envelope. 2,056,132; Sept. 29.
- Chadeloid Chemical Company. (See Ellis, Carleton, assignor.)
- Chadkin, Jason A., Brooklyn, N. Y., assignor to Radio Corporation of America. Radio receiver control. 2,039,777; May 5.
- Chadwick, Everett D., et al, trustees. (See Pratt, William B., assignor.)
- Chadwick, Francis L., assignor to Woodall Industries Incorporated, Detroit, Mich. Combined automobile panel and arm rest assembly. 2,042,587; June 2.
- Chadwick, Francis L., assignor to Woodall Industries, Incorporated, Detroit, Mich. Visor structure. 2,057,009; Oct. 13.
- Chadwick, John H., Franklin Park, and C. C. Willis, Bound Brook, assignors to John Waldron Corporation, New Brunswick, N. J. Flat block printing machine. 2,036,019; Mar. 31.
- Chadwick, Lee S., Shaker Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Refrigeration apparatus. 2,027,631; Jan. 14.
- Chadwick, Lee S., Shaker Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Heating stove. 2,041,226; May 19.
- Chadwick, Lee S., Shaker Heights Village, M. Resek, Cleveland Heights, and J. A. Dahlstrom, Bay Village, assignors to Perfection Stove Company, Cleveland, Ohio. Thermostatically adjusted draft regulator. 2,026,866; Jan. 7.
- Chadwick, Lee S., Shaker Heights Village, M. Resek, Cleveland Heights, and J. A. Dahlstrom, Bay Village, Ohio, assignors to Perfection Stove Company, Cleveland, Ohio. Oil burning apparatus. 2,027,632; Jan. 14.
- Chadwick, Lee S., Shaker Heights Village, and M. Resek and C. J. Kessler, Cleveland Heights, assignors to Perfection Stove Company, Cleveland, Ohio. Liquid heating means. 2,035,260; Mar. 24.
- Chafee, Earl W. (See Myers, S. G., and Chafee.)
- Chafee, Earl W., and H. Murtagh, Brooklyn, and S. G. Myers, Freeport, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Apparatus for the control of gunfire. 2,065,303; Dec. 22.
- Chaffee, Joseph G., Hackensack, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulating system for ultra short waves. 2,038,992; Apr. 28.
- Chaffee, Raymond O., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Rotary operative fastener installation and fastener for the same. 2,032,315; Feb. 25.
- Chaffee, Raymond O., Belmont, assignor to United-Carr Fasteners Corporation, Cambridge, Mass. Tufting button. 2,035,424; Mar. 24.
- Chaffin, Clarence E., Longmeadow, Mass. Protector for thread packages. 2,044,207; June 16.
- Chain Belt Company. (See Ball, Charles F., assignor.)
- Chain Belt Company. (See Longenecker, Charles I., assignor.)
- Chain Belt Company. (See Merwin, J. C., and Ball, assignors.)
- Chain Belt Company. (See Miller, A. E., and Shafer, assignors.)
- Chain Belt Company. (See Shafer, Samuel, Jr., assignor.)
- Chaincraft, Inc. (See Rasch, Henry, assignor.)
- Chalataw, Leon S., Boston, assignor to Philip A. Jerguson, Medford, Mass. Liquid level indicator. 2,037,879; Apr. 21.
- Chalataw, Leon S., Boston, assignor to P. A. Jerguson, Medford, Mass. Apparatus for indicating the height of liquid in receptacles. 2,040,357; May 12.
- Chalfant, Jefferson D., Ashley, Del. Lens. 2,051,327; Aug. 18.
- Challenge Machinery Company, The. (See Lee, J. E., Gylleck, and Barney, assignors.)
- Challenge Machinery Company, The. (See Lee, James E. and J. W. Gylleck, and Barney, assignors.)
- Challenor, William A. P. (See Crawford, F. A. F., and Challenor.)
- Challier, Mario, Turin, Italy. Metal cutting tool. 2,053,392; Sept. 8.
- Chalmer, Ernest, Surbiton, England. Cutting tool for use with millboard, wallboard, and other like material. 2,038,884; Apr. 28.
- Chalmers, David. (See Roberts, L. V., and Chalmers.)
- Chalmers, George W., Summit, Ill., assignor to International Patents Development Company, Wilmington, Del. Can feeding apparatus. 2,029,558; Feb. 4.
- Chalmers, John W., Deptford, London, England. Wrapper for powder, granular, or similar substances. 2,041,227; May 19.
- Chalmers, John W., Deptford, London, England. Wrapper for powder, granular, or similar substances. 2,041,228; May 19.
- Chalmers, Raymond W., Detroit, Mich., assignor, by mesne assignments, to The Worth Company. Car loading device. 2,060,032; Nov. 10.
- Chalmers, Raymond W., Detroit, Mich., assignor, by mesne assignments, to The Worth Company. Car loading device. 2,060,033; Nov. 10.
- Chamayou, Benoit-Elie, Saint Amancet par Soreze, France. Surface condenser. 2,047,459; July 14.
- Chamberlain, Alfred J. (See Shore, Roscoe W., assignor.)
- Chamberlain, Charles H., and C. P. Stannard, Nelson, New Zealand. Wire binding machine. 2,062,698; Dec. 1.
- Chamberlain, Charles L., and F. H. Brown, Portland, Oreg. Fuel vaporizing device. 2,049,687; Aug. 4.
- Chamberlain, Clark W., assignor to Kold-Hold Manufacturing Company, Lansing, Mich. Heat transfer method and apparatus. 2,052,014; Aug. 25.
- Chamberlain Corporation. (See Etten, Nicholas L., assignor.)
- Chamberlain, Mrs. Edith L., et al. (See Wilson, Thomas H., assignor.)



- Chamberlain, Leonard C., and G. W. Hooker, Midland, assignors to The Dow Chemical Company, Midland, Mich. Extracting iodine. 2,028,099; Jan. 14.
- Chamberlain, Paul A., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Colander. 2,063,791; Dec. 8.
- Chamberlain, Thomas E., Wilkeson, Wash. Road surface mixer. 2,030,683; Feb. 11.
- Chamberlin, Earl A., assignor to Chandler Company, Cedar Rapids, Iowa. Air conditioning device. 2,055,621; Sept. 29.
- Chamberlin, Francis W., Hastings, Nebr. Mixing valve. 2,050,273; Aug. 11.
- Chamberlin, James A., and A. W. Owens, Houston, Tex. Laboratory implement. 2,041,229; May 19.
- Chamberlin Metal Weather Strip Company. (See Julien, Louis F., assignor.)
- Chambers, Albert B., Philadelphia, Pa. Manufacturing rubber hose for air lines. 2,045,123; June 23.
- Chambers, Benjamin V., Tampa, Fla. Game apparatus. 2,060,797; Nov. 17.
- Chambers, Cornelius, Shirley, Birmingham, England. Apparatus for washing drinking vessels. 2,029,855; Feb. 4.
- Chambers, Edwin A., St. Thomas, Ontario, Canada. Lubricant cooling device. 2,029,057; Jan. 28.
- Chambers, Gordon H., assignor to Foote Mineral Company, Philadelphia, Pa. Primer composition. 2,036,119; Mar. 31.
- Chambers, Irl M., Los Angeles, Calif., assignor, by mesne assignments, to Western Electric Company, Incorporated. Sound recording system. 2,030,428; Feb. 11.
- Chambers, Irl M., Los Angeles, Calif., assignor, by mesne assignments, to Western Electric Company, Incorporated. Sound picture recording system. 2,055,654; Sept. 29.
- Chambers, James, Saskatoon, Saskatchewan, and R. Ego, assignors to Massey-Harris Company, Limited, Toronto, Ontario, Canada. Agricultural disk machine. 2,038,715; Apr. 28.
- Chambers, John T., New Orleans, La., and W. Lehman, South Milwaukee; said Lehman assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Hopper. 2,061,563; Nov. 24.
- Chambers, Karl D., Montgomery, Ala. X-ray differentiation between substances in poly-color. 2,040,685; May 12.
- Chambers, Leslie A., Boston, Mass., assignor to W. H. Ashton, Edgemont, Pa. Churning butter. 2,033,121; Mar. 10.
- Chambers, Lloyd M. (See Pearce, Leo J., assignor.)
- Chambers, Maurice A. (See Woolverton, Maurice, assignor.)
- Chambers, Watts E. (See Pyle, H. A., and Chambers.)
- Chambersburg Engineering Company. (See Clarke, Eugene C., assignor.)
- Chambless, Ersyl F. (See Fay, Joseph W., assignor.)
- Chambless, Ersyl F., Chicago, assignor of one-half to J. W. Fay, Villa Park, Ill. Shade roller. 2,031,459; Feb. 18.
- Chambless, Ersyl F., Chicago, assignor of one-half to J. W. Fay, Villa Park, Ill. Clothespole. 2,031,460; Feb. 18.
- Chambless, Ersyl F., Chicago, assignor of one-half to J. W. Fay, Villa Park, Ill. Clothespole. 2,031,461; Feb. 18.
- Champion Brake Corporation. (See Hyle, J. A., and Edwards, assignors.)
- Champion Corporation. (See Knoerzer, Otto, assignor.)
- Champion Fibre Company, The. (See Murdock, Harold R., assignor.)
- Champion Fibre Company, The. (See Whiting, William S., Jr., assignor.)
- Champion, Gaston, Buenos Aires, Argentina. Process and apparatus for the reproduction and recording of sounds. 2,059,550; Nov. 3.
- Champion Hardware Company, The. (See Wellman, Guy A., assignor.)
- Champion Machine & Forging Company, The. (See Connelly, J. F., and Johnson, assignors.)
- Champion Machine and Forging Company, The. (See Johnson, Howard F., assignor.)
- Champion Paper and Fibre Company, The. (See Bradner, D. B., and Montgomery, assignors.)
- Champion Paper and Fibre Company, The. (See Montgomery, W. J., and Bradner, assignors.)
- Champion Spark Plug Company. (See Jeffery, Joseph A., assignor.)
- Champion Spark Plug Company. (See Jeffry, B. A., and Riddle, assignors.)
- Champion Spark Plug Company. (See Riddle, Frank H., assignor.)
- Champlin, Franklin J., Dalton, Mass., assignor to General Electric Company. Contact making voltmeter. 2,039,632; May 5.
- Champlin Refining Company. (See Slater, Ernest J., assignor.)
- Champoux, Maurice, Quebec, Quebec, Canada. Tobacco smoking pipe. 2,031,524; Feb. 18.
- Chance, Henry M., Philadelphia, Pa. Apparatus for ventilating buildings. 2,032,080; Feb. 25.
- Chance, Wilbur E., Chicago, Ill. Motor car control. 2,039,582; May 5.
- Chancellor, William C. (See Bristol, C. L., and Chancellor.)
- Chandeloid Chemical Company. (See Bush, Edward R., assignor.)
- Chandeysson, Pierre I., St. Louis, Mo. System of power transmission. 2,046,673; July 7.
- Chandler, Austin S. (See Lidberg, J. A., and Chandler.)
- Chandler, Austin S., Fitchburg, assignor to The Brown Bag Filing Machine Company, Fitchburg, Mass. Receptacle filling and sealing machine. 2,032,259; Feb. 25.
- Chandler Chemical Company, The. (See Pine, Paul R., assignor.)
- Chandler Company. (See Chamberlin, Earl A., assignor.)
- Chandler, Daniel L., Somerville, assignor of thirteen per cent to E. M. Bailey, Swampscott, twenty-two per cent to G. W. Ewing, Peabody, twenty-two per cent to E. B. Fraser, ten per cent to E. B. Fraser, Lynn, as trustee, twenty-five per cent to F. H. Rowe, Gloucester, and eight per cent to W. H. Davis, Lynn, Mass. Window elevating mechanism. 2,066,285; Dec. 29.
- Chandler, Daniel L., Somerville, assignor of thirteen per cent to E. M. Bailey, Swampscott, twenty-two per cent to G. W. Ewing, Peabody, twenty-two per cent to E. B. Fraser, ten per cent to E. B. Fraser, Lynn, as trustee, twenty-five per cent to F. H. Rowe, Gloucester, and eight per cent to W. H. Davis, Lynn, Mass. Automobile window sliding lock. 2,066,286; Dec. 28.
- Chandler, Daniel L., Somerville, assignor of thirteen per cent to E. M. Bailey, Swampscott, twenty-two per cent to G. W. Ewing, Peabody, twenty-two per cent to E. B. Fraser, Lynn, ten per cent to E. B. Fraser, Lynn, trustee, twenty-five per cent to F. H. Rowe, Gloucester, and eight per cent to W. H. Davis, Lynn, Mass. Automobile sash lock. 2,066,287; Dec. 29.
- Chandler, Edward C. (See Ash, Charles N., assignor.)
- Chandler, Edward C., Cleveland, Ohio. Feeding means. 2,034,796; Mar. 24.
- Chandler, Frank J., Toledo, Ohio. Producing foraminous coated material. 2,055,002; Sept. 22.
- Chandler, Henry T., New York, N. Y. Piston. 2,040,293; May 12.
- Chandler, Homer P., assignor to The Ohio Brass Company, Mansfield, Ohio. Circuit controller. 2,027,576; Jan. 14.
- Chandler, Homer P., assignor to The Ohio Brass Company, Mansfield, Ohio. Cable clip. 2,046,247; June 30.
- Chandler, Milford G., assignor to Marvel Carburetor Company, Flint, Mich. Bonded metal bearings and making the same. 2,060,034; Nov. 10.
- Chandler, Milton E. (See Kittler, Milton J., assignor.)
- Chandler, Milton E. (See Udale, Stanley M., assignor.)
- Chandler, Milton E., Detroit, Mich. Carburetor. 2,035,636; Mar. 31.
- Chandler, Milton E., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,036,020; Mar. 31.
- Chandler, Milton E., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,038,206; Apr. 21.
- Chandler, Milton E., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,042,770; June 2.
- Chandler, Milton E., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,051,820; Aug. 25.
- Chandler, Milton E., South Bend, Ind., and D. Cole, Evanston, Ill., assignors to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,048,428; July 21.
- Chandler & Price Company, The. (See Jirousek, Joseph F., assignor.)
- Chandler & Price Company, The. (See Tyler, R. S., and Reichart, assignors.)
- Chandler, Robert W., assignor to Fitz-On Sales Corporation, Worcester, Mass. Attaching a post to a top-lift. 2,060,790; Nov. 17.
- Chandler, Willard P., Jr., assignor to Blaw-Knox Company, Pittsburgh, Pa. Apparatus for effecting intimate contact between liquids and gases. 2,039,950; May 5.
- Chandler, Willard P., Jr., assignor to Blaw-Knox Company, Pittsburgh, Pa. Contact apparatus for liquid and gas. 2,048,179; July 21.
- Chandler, Willard P., Jr., assignor to Blaw-Knox Company, Pittsburgh, Pa. Method and apparatus for effecting contact between liquids and gases. 2,055,336; Sept. 22.
- Chandler, Jr., Willard P., assignor to Blaw-Knox Company, Pittsburgh, Pa. Apparatus for desuperheating steam. 2,062,397; Dec. 1.
- Chandonia, Elmer, assignor to The Lockwood Manufacturing Co., Cincinnati, Ohio. Bakepan unit. 2,037,759; Apr. 21.
- Chaney, Franklin V., assignor, by mesne assignments, to Pine Kinder Corporation, New York, N. Y. Fire kindler. 2,059,208; Nov. 3.
- Chaney, John L. (See Chaney, Lee F., assignor.)
- Chaney, Lee F., assignor of one-half to J. L. Chaney, Springfield, Ohio. Thermometer. 2,042,982; June 2.
- Chaney, Lee F., assignor of one-half to J. L. Chaney, Springfield, Ohio. Thermometer. 2,051,540; Aug. 18.
- Chaney, Lovell V. (See Schulze, W. A., and Chaney.)
- Chaney, Newcomb K., Cleveland Heights, W. B. Dexter, Lakewood, Ohio, assignors, by mesne assignments, to Union Carbide and Carbon Corporation, New York, N. Y. Making pyro-resins. 2,060,035; Nov. 10.
- Chanik, John, Windsor, Ontario, Canada. Article rack. 2,051,541; Aug. 18.
- Channell, James W., Southgate, Calif. Splicing method. 2,030,053; Feb. 11.
- Chanon, Henry J. (See Reid, K. M., and Chanon.)
- Chapin, Fenton G., Richmond Heights, assignor of one-tenth to W. A. Thum, St. Louis, Mo. Alarm apparatus. 2,050,521; Aug. 11.
- Chapin, Harrison L. (See Folmer, W. F., and Chapin.)



- Chapin, Horace H., and D. E. MacDonald, assignors to The R. E. Chapin Mfg. Works, Batavia, N. Y. Insecticide distributor. 2,049,194; July 28.
- Chapin, R. E., Mfg. Works, The. (See Chapin, H. H., and MacDonald, assignors.)
- Chaplin, Charles J., Waterville, assignor to Chaplin Corporation, Portland, Maine. Insulating building block. 2,045,546; June 23.
- Chaplin Corporation. (See Chaplin, Charles J., assignor.)
- Chaplin Merle P., Waterville, assignor, by mesne assignments, to The Canal National Bank of Portland, Portland, Me. Merchandising pack and assembling the same. 2,032,351; Mar. 3.
- Chaplin, Merle P., Waterville, assignor, by mesne assignments, to The Canal National Bank of Portland, as trustee, Portland, Maine. Molded pulp article. 2,050,206; Aug. 4.
- Chaplin, Oren M., Cummings, Calif. Sectional building. 2,053,462; Sept. 8.
- Chapman, Arthur W., Putney, London, England. Slidable seat for vehicles and the like. 2,037,366; Apr. 14.
- Chapman, Cecil, Pinner, assignor to Monsanto Chemicals Limited, London, England. Improving the wetting out properties of materials. 2,062,504; Dec. 1.
- Chapman, Charles F., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Emulsifying apparatus. 2,033,412; Mar. 10.
- Chapman, Charles F., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Emulsifying method. 2,033,413; Mar. 10.
- Chapman, Charles H., Scotia, N. Y., assignor to General Electric Company. Thermal relay. 2,049,354; July 28.
- Chapman, Charles H., Scotia, N. Y., assignor to General Electric Company. Temperature overload relay. 2,051,368; Aug. 18.
- Chapman, Charles H., Scotia, N. Y., assignor to General Electric Company. Pole shaver. 2,053,129; Sept. 1.
- Chapman, Earl E., and H. H. Lanning, Topeka, Kans. Locomotive steam cut-off control means. 2,060,278; Nov. 10.
- Chapman, Elmer B. (See Gramsa, Joseph G., assignor.)
- Chapman, Frank D., Berlin, Wis. Treating food products. 2,049,639; Aug. 4.
- Chapman, Frank D., Berlin, Wis. Can agitator. 2,050,560; Aug. 11.
- Chapman, Frank D., Berlin, Wis. Apparatus for treating food. 2,057,366; Oct. 13.
- Chapman, George J., Shaker Heights, Ohio. Directory. 2,037,705; Apr. 21.
- Chapman, George T. (See Huck, L. C., and Chapman.)
- Chapman, George T. (See Huck, L. C., Chapman, Morris, and Miller.)
- Chapman, Harold E., Pinner, England. Air filtering appliance for bottles. 2,061,958; Nov. 24.
- Chapman, Howard. (See Whitfield, John W. and T. D., and Chapman.)
- Chapman, James F., Upper Darby, Pa., assignor to American Car and Foundry Motors Company, New York, N. Y. Vehicle heating system. 2,037,367; Apr. 14.
- Chapman, John W., Kensington, Conn. Ratchet screw driver. 2,058,855; Oct. 27.
- Chapman, Leo F., St. Louis, Mo. Display fixture. 2,051,679; Aug. 18.
- Chapman, Paul. (See Baumert, K., and Chapman.)
- Chapman, Paul A., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Spinneret coupling. 2,036,087; Mar. 31.
- Chapman, Penrose E., St. Louis, Mo. Winding and coil binding machine. 2,053,764; Sept. 8.
- Chapman, Ralph W., assignor to T. M. Chapman's Sons Co., Old Town, Maine. Electrical therapeutic pad. 2,047,308; July 14.
- Chapman, Sargent, Dayton, Ohio. Air conditioner. 2,037,760; Apr. 21.
- Chapman Valve Manufacturing Company, The. (See Atchinson, Walter B., assignor.)
- Chapman, Verni J. (See Stephens, R. M., and Chapman.)
- Chapman, Verni J., Schenectady, N. Y., assignor to General Electric Company. Wire feeding apparatus. 2,032,260; Feb. 25.
- Chapman, Verni J., Schenectady, N. Y., assignor to General Electric Company. Welding machine. 2,052,380; Aug. 25.
- Chapman, Walter, assignor to Dufaycolor Limited, London, England. Color photography. 2,047,940; July 21.
- Chapman, Walter, Palmers Green, London, assignor to Dufaycolor Limited, London, England. Mixing the color element images in multi-color screen photographic printing and projection. 2,031,032; Feb. 18.
- Chapman, Walter, Palmer's Green, London, and T. T. Baker, Hatch End, Middlesex, assignors to Dufaycolor Limited, London, England. Color photography. 2,049,556; Aug. 4.
- Chapman's, T. M., Sons Co. (See Chapman, Ralph W., assignor.)
- Chappel Bros. Inc. (See Darling, Elton R., assignor.)
- Chappel Bros., Inc. (See Meyer, Arthur E., assignor.)
- Chappell, Edward M., assignor to Bally Manufacturing Company, Chicago, Ill. Vibrator and handle therefor. 2,055,924; Sept. 29.
- Chappell, Eugene L., Pittsburgh, Pa., assignor to National Tube Company. Pipe coupling. 2,040,766; May 12.
- Chappell, Francis R., Passaic, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Spreading, extruding, or like operations. 2,052,131; Aug. 25.
- Chappell, Norman, N. H. Haddock, and F. Lodge, Blackley, England, assignors to Imperial Chemical Industries Limited. Application of dyestuffs. 2,036,196; Apr. 7.
- Chappell, Ralph L. (See Hooper, C. E., and Chappell.)
- Chappell, Ralph R. (See Bird, L. C., Rexrode, and Chappell.)
- Chappell, Ralph R., Richmond, Va., and R. J. Streb, assignors to J. P. Friez & Sons, Inc., Baltimore, Md. Control mechanism for recording devices. 2,049,688; Aug. 4.
- Chapple, John C., St. Louis, Mo. Locomotive arch. 2,044,348; June 16.
- Charavay, Frederick, assignor of one-half to Hartzell Industries, Inc., Piqua, Ohio. Fan. 2,037,880; Apr. 21.
- Charavay, Frederick, assignor of one-half to Hartzell Industries Inc., Piqua, Ohio. Ventilating fan. 2,043,736; June 9.
- Charch, William H., Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition of matter. 2,064,292; Dec. 15.
- Charch, William H., Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof gelatine. 2,065,792; Dec. 29.
- Charch, William Hale, Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof material and making same. 2,061,374; Nov. 17.
- Charch, William H., Buffalo, W. L. Hyden, and J. C. Siemann, Kenmore, assignors to Du Pont Cellophane Company, Inc., New York, N. Y. Moistureproof material and making same. 2,030,962; Feb. 18.
- Charch, William H., and C. E. Coleman, Buffalo, assignors to Du Pont Cellophane Company, Inc., New York, N. Y. Casting method and apparatus therefor. 2,039,883; May 5.
- Charch, William H., Buffalo, N. Y., and W. F. Underwood, Waynesboro, Va., assignors to du Pont Cellophane Company, Inc., New York, N. Y. Cellulose structure. 2,042,588; June 2.
- Charch, William H., Buffalo, and A. Hershberger, Kenmore, assignors to du Pont Cellophane Company, Inc., New York, N. Y. Moistureproof material and making the same. 2,042,589; June 2.
- Chard, John W. (See Parker, Herschel C., assignor.)
- Charis Corporation. (See Leonard, Joseph, assignor.)
- Charis Corporation. (See Sarachek, Moe, assignor.)
- Charles, Carl L. (See Bard, F. N., Charles, and Gray.)
- Charles, Carl L., assignor to Barco Manufacturing Co., Chicago, Ill. Reverse gear valve. 2,050,421; Aug. 11.
- Charles, Hubert N., assignor to The M. G. Car Company Limited, Abington-on-Thames, England. Rear supporting and driving means for motor vehicles. 2,041,992; May 26.
- Charles, Hubert N., and H. E. C. Cousins, assignors to The M. G. Car Company Limited, Abington-on-Thames, England. Vehicle brake. 2,040,200; May 12.
- Charles, Joseph, Hammersmith, London, England. Hair curler. 2,045,213; June 23.
- Charles, Maurice, Courbevoie, France. Braking device. 2,058,060; Oct. 20.
- Charles, Seward, Washington, D. C. Building construction. 2,032,469; Mar. 3.
- Charlesworth, Eugene, Venice, Calif. Wire reel. 2,064,886; Dec. 22.
- Charlotte Pipe and Foundry Company. (See Wentz, Samuel T., assignor.)
- Charlton, Edgar A., assignor to International Paper Company, New York, N. Y. Apparatus for the manufacture of paper. 2,062,445; Dec. 1.
- Charlton, Ernest E., and D. O. Whelan, Schenectady, N. Y., assignors to General Electric Company. Electric discharge device and manufacture. 2,054,030; Sept. 8.
- Charlton, John M., assignor to R. A. Simpson Manufacturing Company, Inc., Oakland, Calif. Wing nut. 2,049,104; July 28.
- Charman, Walter M., Cleveland Heights, Ohio. Hot top and lining therefor. 2,029,058; Jan. 28.
- Charman, Walter M., Cleveland Heights, Ohio. Mold extension for ingot molds. 2,030,199; Feb. 11.
- Charmat, Eugene. (See Charmat, Robert, assignor.)
- Charmat, Robert, assignor to E. Charmat, Paris, France. Apparatus for the delivery of liquids. 2,063,228; Dec. 8.
- Charron, Joseph W., Springfield, Mass. Pulley construction. 2,054,692; Sept. 15.
- Charter Automatic Starter Inc. (See Charter, James A., assignor.)
- Charter Drive, Inc. (See Charter, James A., assignor.)
- Charter Drive, Inc. (See Charter, J. A., and Spacie, assignors.)
- Charter, James A., assignor to Charter Automatic Starter Inc., Chicago, Ill. Starting mechanism. 2,035,049; Mar. 24.
- Charter, James A., assignor to Charter Drive, Inc., Chicago, Ill. Engine starter. 2,047,123; July 7.
- Charter, James A., and T. Spacie, assignors to Charter Drive, Inc., Chicago, Ill. Engine starter. 2,042,248; May 26.
- Charton, Pierre. (See Monette, Jeanne, assignor.)



- Chase Bag Company, The. (See Cramer, Joseph D., assignor.)
- Chase, Charles E., and J. Knoche, assignors, by mesne assignments, to Joseph Knoche, Kansas City, Mo. Display device. 2,041,165; May 19.
- Chase, Clyde H., et al. (See Nichols, Horace E., assignor.)
- Chase Companies, The. (See Burghoff, H. L., and Lawson, assignors.)
- Chase Companies, The. (See Crampton, D. K., and Mitchell, assignors.)
- Chase Companies, The. (See Malvey, Edward J., assignor.)
- Chase Companies, The. (See Recker, Adolph C., assignor.)
- Chase Companies, The. (See Reichenbach, Howard F., assignor.)
- Chase Companies, The. (See Roath, Edward W., assignor.)
- Chase Companies, The. (See Surface, Morris E., assignor.)
- Chase Companies, Incorporated, The. (See Shoemaker, Richard W., assignor.)
- Chase Companies, Incorporated, The. (See Surface, Morris E., assignor.)
- Chase, Frederic L. (See Cook, S. V., and Chase.)
- Chase, George C., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,034,085; Mar. 17.
- Chase, George C., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,063,983; Dec. 15.
- Chase, George C., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,063,984; Dec. 15.
- Chase, George F., Hammond, Ind., and J. A. Anderson, assignors to Standard Oil Company, Chicago, Ill. Settling aid. 2,034,175; Mar. 17.
- Chase, Kenneth, East Walpole, assignor to George Frost Company, Boston, Mass. Suspenders. 2,039,884; May 5.
- Chase, Lucius F., Los Angeles, Calif. Heat distributor. 2,060,364; Nov. 10.
- Chase National Bank of the City of New York, The, trustee. (See Scholl, Albert A., assignor.)
- Chase, Philip H., Bala-Cynwyd, and J. R. Falconer, Conshohocken, Pa., said Falconer assignor to said Chase. Electric cable. 2,060,036; Nov. 10.
- Chase, Raymond H., Providence, assignor to W. W. Potter, Pawtucket, R. I. Splicing yarn. 2,061,549; Nov. 24.
- Chase-Shawmut Company, The. (See Taylor, Elmer H., assignor.)
- Chase-Shawmut Company, The. (See Wood, Morris B., assignor.)
- Chase, Theron P., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Composite piston. 2,026,611; Jan. 7.
- Chase, Theron P., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Manufacture of composite pistons. 2,026,612; Jan. 7.
- Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle-threader. 2,033,755; Mar. 10.
- Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Clamping screw. 2,037,649; Apr. 14.
- Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Work-holder. 2,041,230; May 19.
- Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electric sewing machine cabinet. 2,065,428; Dec. 22.
- Chatain, Henri G., Erie, Pa., assignor to Northern Laboratories, Inc., Cleveland, Ohio. Fuel burner. 2,034,022; Mar. 17.
- Chatfield, Clarence E., Indianapolis, Ind., assignor, by mesne assignments, to W. D. Hamer, deceased, F. H. Hamer, executrix. Junction clamp for electric wires. 2,045,547; June 23.
- Chatfield, Franklin, assignor to The Munsingwear Corporation, Minneapolis, Minn. Garment. 2,062,161; Nov. 24.
- Chatfield, Henry, Mount Vernon, N. Y. Combined mouth and nose guard. 2,039,681; May 5.
- Chatfield, Victor M., Lansdowne, assignor to Sun Oil Company, Philadelphia, Pa. Distillation tower. 2,045,518; June 23.
- Chatham Manufacturing Company, The. (See Jecusco, Frederick P., assignor.)
- Chatillon-Schafer Corporation. (See Messiter, Edwin H., assignor.)
- Chauncey, William C., Grifton, N. C. Mail box support. 2,054,281; Sept. 15.
- Chausson, Gaston. (See Bonneau, Paul E., assignor.)
- Chavassieu, Henri, Izieux, France, assignor, by mesne assignments, to Du Pont Rayon Company. Artificial wool manufacturing process. 2,034,711; Mar. 24.
- Chaveas, Nicholas B. (See Kinsley, Lewis and W. C., and Chaveas.)
- Chaves Dental Instrument Corporation. (See Blair, James H., assignor.)
- Chavrier, Antoine P. (See Faure, J., and Chavrier.)
- Chayka, Louis, Detroit, Mich. Fountain pen. 2,062,162; Nov. 24.
- Chazan, Saul H., Rochester, N. Y. Display device. 2,029,653; Feb. 4.
- Cheatham Electric Switching Device Co. (See Quilliam, Samuel T., assignor.)
- Cheatham Electric Switching Device Company. (See Richterkessing, Frank H., assignor.)
- Cheatham, Orme E., assignor to International Paper Company, New York, N. Y. Method and apparatus for coating paper. 2,053,601; Sept. 8.
- Chebota, Leo P., Beacon, assignor to The Texas Company, New York, N. Y. Treatment of mineral oils. 2,036,396; Apr. 7.
- Checchi, Samuel J. (See Dumble, William H., assignor.)
- Chédru, Gustave E., Neauphle-le-Chateau, assignor to A. Dubonnet, Neuilly sur-Seine, France. Suspension device. 2,054,063; Sept. 15.
- Cheek, Charles W., East Chattanooga, Tenn. Douche. 2,043,882; June 9.
- Cheetham, Tom, Pickmere, near Knutsford, and W. E. Goodwin, Sale, assignors of one-third to W. N. Bate, Ravenhead, St. Helens, England. Pouring arrangement of teapots, coffeepots, jugs, and the like. 2,036,120; Mar. 31.
- Cheever, Frederick L., Hanover, Mass., assignor to P. G. Flint, Brockton, Mass. Shoe and shank stiffener therefor. 2,061,959; Nov. 24.
- Cheever, Tweedy & Co. Inc. (See Metcalf, Alpha H., assignor.)
- Cheezits Corporation. (See Romney, Reuben, Jr., assignor.)
- Chelley, William J. (See Bleecker, Warren F., assignor.)
- Cheliew, Walter J. (See Oishei, J. R., and Cheliew, assignors.)
- Cheltnam, Charles H. W. and C. H., London, England. Separator. 2,034,023; Mar. 17.
- Cheltnam, Cyril H. (See Cheltnam, Charles H. W. and C. H.)
- Chemical Construction Corporation. (See Bartholomew, Frank J., assignor.)
- Chemical Construction Corporation. (See Brown, Charles O., assignor.)
- Chemical Construction Corporation. (See Christensen, Axel, assignor.)
- Chemical Construction Corporation. (See Dely, Josef G., assignor.)
- Chemical Construction Corporation. (See Hechenbleikner, Ingenuin, assignor.)
- Chemical Construction Corporation. (See Rumpel, James M., assignor.)
- Chemical Foundation, Incorporated, The. (See Hale, W. J., and Christensen, assignors.)
- Chemical Holding Corporation. (See Richter, William F., assignor.)
- Chemical Industry in Basle. (See Gränacher, Charles, assignor.)
- Chemical Novelties Corporation. (See Ginn, Wells W., assignor.)
- Chemical Products, Inc. of California. (See Hashimoto, Tadaichi, assignor.)
- Chemical Works, formerly Sandoz. (See Kussmaul, Walter, assignor.)
- Chemical Works, formerly Sandoz. (See Rheiner, A., and Link, assignors.)
- Chemipulp Process Inc. (See Dunbar, Thomas L., assignor.)
- Chemische Fabrieken Dr. Joachim Wiernik & Co., Aktiengesellschaft. (See Heilner, Gustav, assignor.)
- Chemische Fabrik Florsheim vorm. Dr. H. Noerdlinger Aktiengesellschaft. (See von Mandelsloh, Otto A. G., assignor.)
- Chemische Fabrik Grunau, Landshoff & Meyer A. G. (See Haffner, F., and Sommer, assignors.)
- Chemische Fabrik Joh. A. Benckiser G. m. b. H. (See Aeckerle, Emil, assignor.)
- Chemische Fabrik Johann A. Wulfig. (See Sturm, E., and Fleischmann, assignors.)
- Chemische Fabrik Pott & Co., G. m. b. H. (See Pospiech, Friedrich, assignor.)
- Chemische Fabrik von Heyden, A. G. (See Buchheim, Kurt, assignor.)
- Chemische Fabrik von Heyden, A. G. (See Buchheim, K., and Röh, assignors.)
- Chemische Forschungsgesellschaft, m. b. H. (See Herrmann, W. O., and Baum, assignors.)
- Chemung Engineering Corporation. (See Crooks, Earl G., assignor.)
- Chenault, Roy L., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Deep well pump. 2,059,508; Nov. 3.
- Cheney, Allan, Melrose, Mass., assignor to The Cheney Company. Method and apparatus for bending ribbed sheet metal flashings. 2,046,608; July 7.
- Cheney, Allan, Melrose, Mass., assignor to The Cheney Company. Metal siding for masonry structures. 2,054,049; Sept. 8.
- Cheney Brothers. (See Reinartz, J. L., and Huber, assignors.)
- Cheney, Charles W., Soho, Birmingham, England. Hinged hasp fastening. 2,054,360; Sept. 15.
- Cheney, Charles W., Soho, Birmingham, England. Extensible hasp and hing fitting. 2,061,727; Nov. 24.
- Cheney Company, The. (See Cheney, Allan, assignor.)
- Cheney, Frank D., New York, N. Y. Manufacture of ornamental coated glass articles. 2,036,021; Mar. 31.
- Cheney, Horace, and L. J. Davies, Rugby England, assignors to General Electric Company. Envelope for electric discharge devices. 2,042,143; May 26.



- Cheney, Moses E., and A. P. Brietzke, LaCrosse, Wis., assignors, by mesne assignments, to Moto Meter Gauge & Equipment Corporation. Vapor pressure gauge. 2,034,606; Mar. 17.
- Cheney, Thomas A., and H. J. Krinke, Seattle, Wash. Automobile time control for tuned circuits. 2,060,037; Nov. 10.
- Chereau, Louis N., E. M. Deloraine, L. R. Guilbaud, F. E. A. Smets, and S. Van Mierlo, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y. Facsimile system. 2,044,831; June 23.
- Chereton, Avery B., Detroit, Mich., assignor to E. S. Evans & Sons Company. Alternating current to direct current converter. 2,028,191; Jan. 21.
- Cherniak, Meyer B., Bronx, N. Y. Lighting reflector. 2,050,085; Aug. 4.
- Chernow, Michael, New York, N. Y. Monogram frame. 2,037,660; Apr. 14.
- Chernow, Michael, Brooklyn, N. Y. Bracelet or the like. 2,052,381; Aug. 25.
- Cherry-Burrell Corporation. (See Barker, Stacey, assignor.)
- Cherry-Burrell Corporation. (See Feldmeier, Harvey, assignor.)
- Cherry, Frank W., Kenilworth, Ill., assignor to Lug-Lox Flooring Company. Fabricated wood floor. 2,057,135; Oct. 13.
- Cherry, George L., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Die casting machine. 2,028,192; Jan. 21.
- Cherry, Lester A., Kenmore, and C. N. Fuller, Indian Falls, assignors to H. W. Hilliard Co. Inc., Buffalo, N. Y. Envelope feed mechanism. 2,038,645; Apr. 28.
- Cherry, Oscar A. (See Kurath, F., and Cherry.)
- Cheshire, Edward, East Cleveland, Ohio, assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Planetary printing press. 2,040,686; May 12.
- Chesley, Willis F., Grandview, Mo. Jig bushing. 2,058,298; Oct. 20.
- Chesnut, John D., and R. K. Hertel, assignors to Byron-Jackson Co., Los Angeles, Calif. Tong. 2,026,516; Jan. 7.
- Chesnut, Roy W., Upper Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control circuit. 2,049,195; July 28.
- Chesnut, Roy W., and R. E. Crane, Upper Montclair, N. J., and G. H. Huber, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,054,789; Sept. 22.
- Chesny, Heinz H., San Mateo, assignor to Marine Chemicals Company, Ltd., San Francisco, Calif. Magnesium product and process of manufacture. 2,035,460; Mar. 31.
- Chesny, Heinz H., San Mateo, assignor to Marine Chemicals Company, Ltd., San Francisco, Calif. Filter apparatus and method. 2,041,048; May 19.
- Chesny, Heinz H., San Francisco, W. H. Farnsworth, San Mateo, and P. D. V. Manning, Berkeley Woods, assignors to Marine Chemicals Company, Ltd., San Francisco, Calif. Manufacturing magnesium products. 2,041,047; May 19.
- Chester, Allan E., Brooklyn, N. Y., assignor to Ferro Enamel Corporation, Cleveland, Ohio. Electrolytic pickling apparatus. 2,045,581; June 30.
- Chester, Cyril A. (See Pirie, W. B., Chester, and Melville.)
- Chester, Frank R. (See Loftus, J. P., and Chester.)
- Chester, Frederick N., Jersey City, N. J. Thermostatic control apparatus. 2,064,887; Dec. 22.
- Cheston, Arthur S., et al. (See Booth, Jennie I., and J. H., assignors.)
- Cheston, Arthur S., et al. (See Stuart, Frederick J., assignor.)
- Cheston, Arthur S., Birmingham, England. Sliding-seat guide. 2,057,709; Oct. 20.
- Chevalier, Leopold. (See Poulin, Francis, assignor.)
- Chevigny, Hedwidge, née Roy, deceased, by R. Chevigny, administrator, L'Assomption, Quebec, Canada. Burglar alarm. 2,030,049; Feb. 11.
- Chevigny, Robert, administrator. (See Chevigny, Hedwidge, née Roy.)
- Chevillot, Alfred, Gargan Livry, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure braking apparatus. 2,039,703; May 5.
- Chew, William L., Rockville Centre, N. Y. Mop wringer. 2,042,209; May 26.
- Chewning, Walter L., Cynwyd, assignor to United Engineers & Constructors Inc., Philadelphia, Pa. Disk filter. 2,029,611; Feb. 4.
- Cheyne, Fred H., Indianapolis, Ind. Speed transformer. 2,053,130; Sept. 1.
- Chlason, Placid N., Griggsville, Ill. Combined felly, rim, and tire structure. 2,032,261; Feb. 25.
- Chicago Belting Company. (See Ball, Charles A., assignor.)
- Chicago Bridge & Iron Company. (See Davis, R. A., and Mummert, assignors.)
- Chicago Bridge & Iron Company. (See Horton, G. T., and Day, assignors.)
- Chicago Carton Company. (See Clarke, John D., assignor.)
- Chicago-Cleveland Car Roofing Co. (See Markel, Lawrence L., assignor.)
- Chicago Daily News, Inc., The. (See Sewick, Frank, assignor.)
- Chicago Daily News, Inc., The. (See Troutman, Ferdinand B., assignor.)
- Chicago District Electric Generating Corporation. (See Ramseyer, Charles F., assignor.)
- Chicago Electric Manufacturing Company. (See Benson, Bernhart A., assignor.)
- Chicago Electric Manufacturing Company. (See Gough, James J., assignor.)
- Chicago Flexible Shaft Company. (See Bisley, William F., assignor.)
- Chicago Flexible Shaft Company. (See Chamberlain, Paul A., assignor.)
- Chicago Flexible Shaft Company. (See Jeppsson, Ivar, assignor.)
- Chicago Flexible Shaft Company. (See Jepson, I., and Sigman, assignors.)
- Chicago Flexible Shaft Company. (See McArdle, Michael W., assignor.)
- Chicago Flexible Shaft Company. (See McArdle, M. W., and Jeppsson, assignors.)
- Chicago Flexible Shaft Company. (See McArdle, M. W., and Lynch, assignors.)
- Chicago Flexible Shaft Company. (See Wright, Horace C., assignor.)
- Chicago Forging & Manufacturing Co. (See Mears, Norton A., assignor.)
- Chicago Forging & Manufacturing Company. (See Sigel, Carl A., assignor.)
- Chicago Hydraulic Oil Co. (See Paxton, Burton, assignor.)
- Chicago Label & Box Co., The. (See Norris, C. J., and Porth, assignors.)
- Chicago Lock Company. (See Shinn, William C., assignor.)
- Chicago Metallic Manufacturing Company. (See Langel, Adrian L., assignor.)
- Chicago Mill and Lumber Company. (See Steiger, Edward C., assignor.)
- Chicago Mill and Lumber Company. (See Whiton, Arthur L., assignor.)
- Chicago Pneumatic Tool Company. (See Amtsberg, Lester A., assignor.)
- Chicago Pneumatic Tool Company. (See Coates, Charles B., assignor.)
- Chicago Pneumatic Tool Company. (See Harcourt, George T., assignor.)
- Chicago Pneumatic Tool Company. (See Meunier, Leon F., assignor.)
- Chicago Pneumatic Tool Company. (See Mitchell, William J., assignor.)
- Chicago Pneumatic Tool Company. (See Nell, Gustave M., assignor.)
- Chicago Pneumatic Tool Company. (See Reed, Clarence E., assignor.)
- Chicago Pneumatic Tool Company. (See Slatcher, Alfred G., assignor.)
- Chicago Pneumatic Tool Company. (See Terrill, Franklin E., assignor.)
- Chicago Printed String Co. (See Hermann, Wolfgang, assignor.)
- Chicago Pump Company. (See Durdin, Augustus C., Jr., assignor.)
- Chicago Railway Equipment Company. (See Busse, Edwin G., assignor.)
- Chicago Railway Equipment Company. (See Busse, E. G., and Ekholm, assignors.)
- Chicago Railway Equipment Company. (See De Long, Frederic T., assignor.)
- Chicago Railway Equipment Company. (See Moore, A. C., and Wasberg, assignors.)
- Chicago Railway Equipment Company. (See Told, Arnold H., assignor.)
- Chicago Rawhide Manufacturing Company. (See Gardner, Allen F., assignor.)
- Chicago Retort & Fire Brick Co. (See Bankert, Fred H., assignor.)
- Chicago Telephone Supply Co. (See Schellenger, Newton C., assignor.)
- Chicago Telephone Supply Co. (See Schellenger, N. C., and Arisman, assignors.)
- Chicago Telephone Supply Company. (See Schellenger, N. C., and Haselwood, assignors.)
- Chicago Transformer Corporation. (See Keegan, Peter E., assignor.)
- Chicago Tubing and Braiding Company. (See Debenedetti, Rodolfo, assignor.)
- Chichester-Miles, Herbert G. W., London, England. Bucket and pail. 2,051,940; Aug. 25.
- Chicoine, James E., assignor to F. L. Robertson, Buffalo, N. Y. Support for scaffolds or the like. 2,049,593; Aug. 4.
- Chicopee Manufacturing Corporation. (See Stevenson, William M., assignor.)
- Chidester, John H., Verona, N. J. Control for moving tape. 2,033,611; Mar. 10.
- Chiffey, Edward. (See Thompson, H. A., and Chiffey.)
- Child, Harrison B. (See Sofo, Arturo, assignor.)
- Child, Lachlan W. (See Riebel, F., Jr., and Child.)
- Child, Lachlan W. (See Riebel, F., Jr., Dow, and Child.)
- Child, Lachlan W., Toledo, Ohio, assignor, by mesne assignments, to Aeriet Air Conditioner Company. Air conditioner. 2,044,832; June 23.
- Childress, William C., Oak Park, assignor to Acme Steel Company, Chicago, Ill. Strap stretching device. 2,031,462; Feb. 18.



- Childress, William C., Oak Park, assignor to Acme Steel Company, Chicago, Ill. Strap stretching device. 2,048,374; July 21.
- Childs, Bliss G., Provo, Utah. Bullet. 2,045,833; June 30.
- Childs, Elbert H., Holcomb, N. Y. Combined harrow and pulverizer. 2,035,591; Mar. 31.
- Childs, Henry R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Thread fluid treating device. 2,029,910; Feb. 4.
- Childs, Henry R., Kingsport, Tenn., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Pigmenting cellulose ester solutions. 2,059,088; Oct. 27.
- Childs, William L., and G. G. Harrington, assignors to Reed Roller Bit Company, Houston, Tex. Tool joint and making same. 2,054,118; Sept. 15.
- Chilo, Paul, Chicago, Ill. Lamp finial. 2,059,314; Nov. 3.
- Chilton, Roland, Ridgewood, N. J. Variable speed transmission mechanism. 2,040,830; May 19.
- Chilton, Roland, Ridgewood, N. J. Transmission. 2,040,831; May 19.
- Chilton, Roland, Ridgewood, N. J. Transmission. 2,040,832; May 19.
- Chilton, Roland, Ridgewood, N. J. Transmission. 2,040,833; May 19.
- Chilton, Roland, Ridgewood, N. J. Transmission. 2,041,284; May 19.
- Chilton, Roland, Ridgewood, N. J., assignor, by mesne assignments, to The Reed Propeller Co., Inc., Garden City, N. Y. Two-speed supercharger drive. 2,034,087; Mar. 17.
- Chilton, Roland, Keyport, N. J., assignor, by mesne assignments, to Eclipse Machine Company, Elmira Heights, N. Y. Engine starting apparatus. 2,038,163; Apr. 21.
- Chilton, Roland, Ridgewood, N. J., assignor, by mesne assignments, to The Reed Propeller Co., Inc., Garden City, N. Y. Connecting rod. 2,040,465; May 12.
- Chilton, Roland, Keyport, N. J., assignor, by mesne assignments, to Eclipse Machine Company, Elmira Heights, N. Y. Engine starting apparatus. 2,048,057; July 21.
- Chilton, Roland, Ridgewood, N. J., assignors, by mesne assignments, to The Reed Propeller Co., Inc., Garden City, N. Y. Baffle for air-cooled cylinders. 2,057,010; Oct. 13.
- Chilton, Roland, Ridgewood, N. J. Transmission. 2,061,895; Nov. 24.
- Chilton, Roland, Ridgewood, N. J. Transmission. 2,061,896; Nov. 24.
- Chilton, Roland, Ridgewood, and R. F. Gagg, Fair Lawn, N. J., assignors to The Reed Propeller Co., Inc. Cylinder fin construction. 2,064,461; Dec. 15.
- Chinnock, Ormond J., Hercules, Calif., assignor to Hercules Powder Company, Wilmington, Del. Method and apparatus for the production of nitric acid from ammonia. 2,032,684; Mar. 3.
- Chireix, Henri, assignor to Compagnie Generale de Telegraphie, Sans Fil, Paris, France. Transmitting system. 2,035,788; Mar. 31.
- Chireix, Henri, Paris, France, assignor to Société Française Radio-Electrique. Communicating with trains in motion by a high frequency current and applications. 2,049,154; July 28.
- Chireix, Henri, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Radiogoniometer. 2,059,315; Nov. 3.
- Chireix, Henri, assignor to Compagnie Generale de Telegraphie sans Fil, Paris, France. Transmitter. 2,063,582; Dec. 8.
- Chireix, Henri, and R. Villem, assignors to Compagnie Generale de Telegraphie Sans Fil, Paris, France. Secrecy system. 2,026,613; Jan. 7.
- Chirelstein, Nathan, Newark, N. J. Electric plug connector. 2,032,470; Mar. 3.
- Chirelstein, Nathan, Newark, N. J. Electric plug. 2,037,562; Apr. 14.
- Chirlin, Samuel G. (See Golokow, B., and Chirlin.)
- Chisholm, John. (See Wendt, C. M., and Chisholm.)
- Chisholm, Theodore L., Pleasant Ridge, Mich., assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,040,597; May 12.
- Chiti, Aroldo, Turin, Italy. Moving and changing sign. 2,028,496; Jan. 21.
- Chiti, Aroldo, Turin, Italy, assignor to Anciens Etablissements R. Cornely & Cie, Societe Anonyme, Paris, France. Embroidery machine. 2,042,590; June 2.
- Chittenden, Edwin F., Toledo, Ohio. Window ventilator. 2,036,851; Apr. 7.
- Chittenden, Fayette D., Providence, R. I., assignor to United States Rubber Products, Inc., New York, N. Y. Elastic yarn and making the same. 2,064,801; Dec. 15.
- Chittenden, Fayette D., Providence, and K. J. Rupprecht, Barrington, R. I., assignors to United States Rubber Products, Inc., New York, N. Y. Method of and machine for balancing the twist of elastic yarn. 2,061,020; Nov. 17.
- Chittenden, Fayette D., Providence, and K. J. Rupprecht, Barrington, R. I., assignors to United States Rubber Products, Inc., New York, N. Y. Elastic yarn and making the same. 2,061,021; Nov. 17.
- Chittick, Charles Y., Newton Center, assignor to Anderson Manufacturing Company, Cambridge, Mass. Electric lighter for oil burners. 2,062,556; Dec. 1.
- Chittick, Kenneth A., Haddonfield, N. J., assignor to Radio Corporation of America. Volume control system. 2,047,003; July 7.
- Chittick, Martin B., assignor to The Pure Oil Company, Chicago, Ill. Producing lubricating oils. 2,048,992; July 28.
- Chitty, Albert H., et al. (See Rhodin, Brodde E. F., assignor.)
- Chiverton, Arthur H., Gravesend, Kent, England. Manufacture of films and foil. 2,052,695; Sept. 1.
- Chmurski, Anton J., Milwaukee, Wis. Towel rack. 2,030,498; Feb. 11.
- Choate, Parker C. (See Hobby, A. K., and Choate.)
- Choate, Parker C., Essex, and A. K. Hobby, Canton, Mass. Reacting caustic lime and gypsum. 2,063,488; Dec. 8.
- Choate, Roy E., H. N. Graves, and W. I. Leech, assignors to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Wagon. 2,029,093; Jan. 28.
- Choate, Roy E., and W. E. Rodler, assignors to La Plant-Choate Mfg. Co., Inc., Cedar Rapids, Iowa. Wagon. 2,030,137; Feb. 11.
- Choate, Roy E., and W. E. Rodler, assignors to La Plant-Choate Manufacturing Company, Inc., Cedar Rapids, Iowa. Earth moving device. 2,030,352; Feb. 11.
- Choate, Roy E., and W. E. Rodler, assignors to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Earth moving device. 2,031,463; Feb. 18.
- Choate, Roy E., and E. F. Jirsa, assignors to La Plant-Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Endless track structure. 2,050,274; Aug. 11.
- Chochkoff, John, Chicago, Ill. Skate. 2,037,964; Apr. 21.
- Chodaczok, William, Newark, N. J. Safety razor. 2,053,550; Sept. 8.
- Choice, Frank C. (See Ricks, F., Elliott, and Choice.)
- Chojnacki, Anthony, assignor of one-half to Joe Golenberg, Cleveland, Ohio. Vegetable grater. 2,039,778; May 5.
- Chonoski, Robert J. (See Cook, S. B., and Chonoski.)
- Chormann, George W., Niagara Falls, N. Y., F. A. Upper, Niagara Falls, Canada, and B. H. Work, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive article. 2,036,197; Apr. 7.
- Chouinard, Oscar, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Method of and system for reproducing sound from sound films. 2,032,200; Feb. 25.
- Chow, David. (See Pischke, Alexander, assignor.)
- Chrétien, Henri, Saint-Cloud, France. Continuous printing machine for cinematographic films. 2,058,415; Oct. 27.
- Christ, George A. (See Saunders, O. G., and Christ.)
- Christen, Fritz, Zurich, Switzerland. Magnesium alloy. 2,065,170; Dec. 22.
- Christen, William F., Pasadena, Calif. Grease retainer cup and wheel plate tool. 2,049,489; Aug. 4.
- Christensen, Axel, Rye, N. Y., assignor to Chemical Construction Corporation. Regenerating absorbent liquids. 2,029,411; Feb. 4.
- Christensen, Carl W. (See Ralston, A. W., and Christensen.)
- Christensen, Carl W. (See Ralston, A. W., Christensen, and Bauer.)
- Christensen, Carl W. (See Ralston, A. W., Christensen, and Selby.)
- Christensen, Christen, Maywood, Ill. Display device. 2,061,393; Nov. 17.
- Christensen, Emil, Canterbury, Melbourne, Victoria, Australia. Service container. 2,028,825; Jan. 28.
- Christensen, Emil, Portland, Oreg. Inclinator. 2,059,551; Nov. 3.
- Christensen, Heinrich, Copenhagen, Denmark. Gear box, especially for automobiles. 2,062,968; Dec. 1.
- Christensen, Jens P., Anita, Iowa. Plowshare edge and point reclaimer. 2,051,328; Aug. 18.
- Christensen, Leo M. (See Hale, W. J., and Christensen.)
- Christensen Machine Company. (See Belluche, Frank R., assignor.)
- Christensen, Marinus, Victoria, assignor of one-fourth to W. G. Huber, Victoria County, Tex. Releasable choke. 2,052,696; Sept. 1.
- Christensen, Niels A., South Euclid, Ohio. Power cylinder. 2,026,672; Jan. 7.
- Christensen, Niels C., Salt Lake City, Utah. Apparatus for treating mixtures of finely divided solids and liquids in thickening and counter-current washing operations. 2,035,592; Mar. 31.
- Christensen, Norman V., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,043,737; June 9.
- Christensen, Norman V., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,050,784; Aug. 11.
- Christenson, George, Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Article of manufacture. 2,052,603; Sept. 1.
- Christenson, Gust J., assignor to Locomotive Firebox Company, Chicago, Ill. Thermic siphon. 2,043,425; June 9.
- Christenson, Gust J., assignor to Locomotive Firebox Company, Chicago, Ill. Thermic siphon. 2,043,426; June 9.
- Christenson, Gust J., assignor to Locomotive Firebox Company, Chicago, Ill. Thermic siphon. 2,043,427; June 9.
- Christenson, Oscar, Baltimore, Md. Sound reproducing device. 2,051,200; Aug. 18.



- Christian, Claude and L. M., Atlanta, Ga. Motor. 2,065,514; Dec. 29.
- Christian, George J., Northfield, Minn. Root cutter for sewer pipes. 2,027,633; Jan. 14.
- Christian, Joseph D., San Francisco, Calif. Electric power unit. 2,027,149; Jan. 7.
- Christian, Lorin M. (See Christian, Claude and L. M.)
- Christian, Neil H. (See Luth, A. J., Nugent, and Christian.)
- Christian, Raymond A., assignor to The National Cash Register Company, Dayton, Ohio. Automatic ribbon control for calculating machines. 2,038,716; Apr. 28.
- Christian, Raymond A., assignor to The National Cash Register Company, Dayton, Ohio. Calculating machine. 2,038,717; Apr. 28.
- Christian, Raymond A., Dayton, Ohio, and E. J. Ens, Newark, N. J., assignors to The National Cash Register Company, Dayton, Ohio. Counter control for calculating machines. 2,063,080; Dec. 8.
- Christian, Raymond A., J. R. Ganger, and E. E. Holt, assignors to The National Cash Register Company, Dayton, Ohio. Calculating machine. 2,052,604; Sept. 1.
- Christian, Walton G., Houston, Tex. Drill. 2,055,144; Sept. 22.
- Christian, Walton G., Houston, Tex. Drill. 2,055,145; Sept. 22.
- Christiansen, Christian, Fargo, N. Dak. Load lifting, carrying, and dumping machine. 2,065,171; Dec. 22.
- Christiansen, Clarence J. (See Guettler, H. W., and Christiansen.)
- Christiansen, Heinrich, Altona, Germany. Power operated shunting gear for rolling stock. 2,051,821; Aug. 25.
- Christiansen, John, Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Articulated car. 2,036,254; Apr. 7.
- Christiansen, Oscar, St. Paul, Minn. Artificial bait. 2,047,768; July 14.
- Christiansen, Paul C., Copenhagen, Denmark. Pressing tool for the impression of metals or the like material. 2,048,598; July 21.
- Christiansen, Walter G., Bloomfield, N. J., and J. Lee, Brooklyn, assignors to E. R. Squibb & Sons, New York, N. Y. Solution of ergot alkaloids. 2,033,921; Mar. 17.
- Christiansen, Walter G., Glen Ridge, N. J., and S. E. Harris, Lynbrook, assignors to E. R. Squibb & Son, Brooklyn, N. Y. Hydroxy-diphenyl-isatin condensation derivatives. 2,043,282; June 9.
- Christianson, Andrew, and H. T. Anderson, Butler, Pa., assignors, by mesne assignments, to Pullman-Standard Car Manufacturing Company. Refrigerator car. 2,047,133; July 7.
- Christianson, Carl O., assignor to Nickel-Matic Soda Fountain Company, Shenandoah, Iowa. Liquid dispenser. 2,055,214; Sept. 22.
- Christianson, George M., Union City, N. J. Plaster cutter. 2,051,199; Aug. 18.
- Christie, Henry A., East Orange, N. J., assignor to Raymond Concrete Pile Company, New York, N. Y. Concrete pile construction. 2,036,793; Apr. 7.
- Christie, John, and C. W. Crumrine, assignors to Eastman Kodak Company, Rochester, N. Y. Camera bed latch. 2,052,554; Sept. 1.
- Christie, Lindsay R., Pittsburgh, Pa. Treatment of industrial waste and the like. 2,061,022; Nov. 17.
- Christie, Samuel D. (See Panos, J. A., and Christie.)
- Christie, Stephen, Brooklyn, N. Y. Time controlled radio receiver. 2,061,504; Nov. 17.
- Christman, Charles E., San Francisco, Calif. Truss. 2,044,280; June 16.
- Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Shock absorber. 2,043,317; June 9.
- Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,049,689; Aug. 4.
- Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Burnishing apparatus. 2,062,699; Dec. 1.
- Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Worm gear burnishing machine and method. 2,062,700; Dec. 1.
- Christman, Peter J., Green Bay, Wis. Sheet-folding machine. 2,031,301; Feb. 18.
- Christman, William T., Mount Lebanon, assignor to Federal Enameling & Stamping Company, McKees Rocks, Pa. Manufacture of metal utensils. 2,060,038; Nov. 10.
- Christmann, Friedrich. (See Pier, M., and Christmann.)
- Christmann, Friedrich. (See Pier, M., Christmann, and Donath.)
- Christmann, Ludwig J., Jersey City, and S. A. Falconer, Elizabeth, N. J., assignors to American Cyanamid Company, New York, N. Y. Oxide flotation. 2,029,156; Jan. 28.
- Christmann, Ludwig J., Jersey City, and D. W. Jayne, Jr., Elizabeth, N. J., assignors to American Cyanamid Company, New York, N. Y. Flotation reagent. 2,043,192; June 2.
- Christmann, Ludwig J., Jersey City, and D. W. Jayne, Jr., Elizabeth, N. J., assignors to American Cyanamid Company, New York, N. Y. Flotation frother. 2,065,053; Dec. 22.
- Christmas, William J., Logan, Ala. Coin controlled vending machine. 2,036,921; Apr. 7.
- Christoffel, John J. (See Erickson, G. L., and Christoffel.)
- Christoffersen, Otto, Herman, Nebr. Strap fastener. 2,034,973; Mar. 24.
- Christoffersen, Viggo, Boise, Idaho. Air conditioning device. 2,045,698; June 30.
- Christofferson, Charles, and A. G. Wahlberg, Duluth, Minn. Unitary air conditioner. 2,040,920; May 19.
- Christofferson, Christoffer, New York, N. Y. Refrigerating system. 2,049,946; Aug. 4.
- Christopher, Edward F., assignor to Industrial Patents Corporation, Chicago, Ill. Making a clear fish glue or fish gelatin solution. 2,048,728; July 28.
- Christoplos, Stavros, Milwaukee, Wis. Refrigerated butter-cutting machine. 2,056,711; Oct. 6.
- Christy, George C., Chicago, Ill. Oiling device for journals. 2,050,275; Aug. 11.
- Christy, George C., Chicago, Ill., assignor to The Adlake Company. Deck sash fixture. 2,063,583; Dec. 8.
- Christy, William O., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Universal clamp. 2,040,466; May 12.
- Chritton, George A. (See Wilson, Ralph A., assignor.)
- Chromy, Ben J., Hopkins, Minn. Radio receiving system. 2,036,187; Apr. 7.
- Chronic, Clarence C., and C. B. Molter, assignors to Stover Manufacturing & Engine Co., Freeport, Ill. Windmill. 2,046,059; June 30.
- Chrysler Corporation. (See Anderson, Hal C., assignor.)
- Chrysler Corporation. (See Bailey, Edgar L., assignor.)
- Chrysler Corporation. (See Ball, F. O., and Roualet, assignors.)
- Chrysler Corporation. (See Breer, Carl, assignor.)
- Chrysler Corporation. (See Copenhaver, Clayton C., assignor.)
- Chrysler Corporation. (See Drude, Charles H., assignor.)
- Chrysler Corporation. (See Dunn, William T., assignor.)
- Chrysler Corporation. (See Edwards, William C., Jr., and W. C., 3rd, assignors.)
- Chrysler Corporation. (See Goode, G. C., Miller, and Harrington.)
- Chrysler Corporation. (See Hadley, N. F., and Delahanty, assignors.)
- Chrysler Corporation. (See Harris, William W., assignor.)
- Chrysler Corporation. (See Herreshoff, Alexander G., assignor.)
- Chrysler Corporation. (See Heussner, Carl E., assignor.)
- Chrysler Corporation. (See Hughes, James W., assignor.)
- Chrysler Corporation. (See Lee, Roger K., assignor.)
- Chrysler Corporation. (See Lee, R. K., and McCortney, assignors.)
- Chrysler Corporation. (See Maurer, Edwin R., assignor.)
- Chrysler Corporation. (See McCain, George L., assignor.)
- Chrysler Corporation. (See McCortney, Willett J., assignor.)
- Chrysler Corporation. (See Menges, Luther A., assignor.)
- Chrysler Corporation. (See Neracher, Carl A., assignor.)
- Chrysler Corporation. (See Patterson, Herbert F., assignor.)
- Chrysler Corporation. (See Peirce, Thomas H., assignor.)
- Chrysler Corporation. (See Pfeiffer, Karl, assignor.)
- Chrysler Corporation. (See Shay, Edgar, assignor.)
- Chrysler Corporation. (See Sinclair, Alfred J., assignor.)
- Chrysler Corporation. (See Skelton, Owen R., assignor.)
- Chrysler Corporation. (See Staley, Allen C., assignor.)
- Chrysler Corporation. (See Tea, Clark A., assignor.)
- Chrysler Corporation. (See Wallace, David A., assignor.)
- Chrysler Corporation. (See Woolson, Harry T., assignor.)
- Chrysler Corporation. (See Zabriskie, William F., assignor.)
- Chrysler Corporation. (See Zeder, James C., assignor.)
- Chryst, William A., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Fluid flow control device. 2,029,357; Feb. 4.
- Chryst, William A., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Shock absorber. 2,060,554; Nov. 10.
- Chubb, Alexander Albert, Coventry, assignor to The General Electric Company Limited, London, England. Electrically operated lift. 2,065,793; Dec. 29.
- Chubb, Lewis W., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Position finding system. 2,050,276; Aug. 11.
- Chubb, Melvin F. (See Harner, H. R., and Chubb.)
- Chubb, Stanley E., Greet, Birmingham, assignor to Bakelite Limited, London, England. Resinous composition. 2,040,687; May 12.
- Chubbuck, Charles I., San Marino, Calif. Forming lime compositions. 2,064,588; Dec. 15.
- Chubbuck, Horace A., assignor to Ford Motor Company, Dearborn, Mich. Automobile generator regulator. 2,037,118; Apr. 14.
- Chuchie, John, Dunbar, Pa. Motor vehicle driver's permit and registration card holder. 2,027,676; Jan. 14.
- Chuck, Faw Y., San Francisco, Calif. Egg treatment process and product. 2,038,540; Apr. 28.
- Chuck, Faw Y., San Francisco, Calif. Disintegrating and distributing apparatus. 2,052,082; Aug. 25.
- Chuck, Faw Y., San Francisco, Calif. Egg treatment process and product. 2,060,926; Nov. 17.
- Chulanovsky, Theodore, Detroit, Mich. Hair clipper. 2,032,792; Mar. 3.
- Chulstrom, John M. (See McGuinness, W. V., Chulstrom, and Drenkard.)
- Chunn, Con L., Phoenix, Ariz. Single dial all wave receiver. 2,039,885; May 5.



- Church, Arthur B., Chicago, Ill., assignor, by mesne assignments, to Hamilton Beach Manufacturing Company, Racine, Wis. Motor-driven beater. 2,029,157; Jan. 28.
- Church, C. F., Mfg. Co. (See Campbell, Vernon W., assignor.)
- Church, C. F., Mfg. Co. (See Carmichael, William A., assignor.)
- Church, Franklin O., assignor to Dunlop Tire & Rubber Corporation, Buffalo, N. Y. Seat construction. 2,047,616; July 14.
- Church, Franklin O., assignor to Dunlop Tire & Rubber Corporation, Buffalo, N. Y. Molded cushion. 2,063,081; Dec. 8.
- Church, Harold D., Cleveland Heights, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Compression release mechanism. 2,054,928; Sept. 22.
- Church, John W., and R. R. McClure, assignors to Pure Calcium Products Company, Painesville, Ohio. Treatment of whitening and the like. 2,034,797; Mar. 24.
- Church, Walter L., Houston, Tex. Slip. 2,030,499; Feb. 11.
- Church, Walter L., Houston, Tex. Apparatus for taking samples from wells. 2,053,698; Sept. 8.
- Church, Walter L., Houston, assignor of one-half to W. L. Pearce, Harris County, Tex. Well drilling apparatus. 2,031,931; Feb. 25.
- Churchill, Harry V., New Kensington, Pa. Softening water. 2,059,552; Nov. 3.
- Churchill, Harry V., New Kensington, Pa. Removal of fluorine from water. 2,059,553; Nov. 3.
- Churchill Machine Tool Company Limited, The. (See Asbridge, Harry H., assignor.)
- Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener installation and stud member. 2,037,678; Apr. 14.
- Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Molding and like fastener installations and fastener for the same. 2,055,427; Sept. 22.
- Churchward Engineering Company, The. (See Churchward, Jack, assignor.)
- Churchward, Jack, assignor to The Churchward Engineering Company, Inc., New Haven, Conn. Electrode holder. 2,059,438; Nov. 3.
- Chyba, Joseph A., Middle River, Md. Tappet gauge. 2,038,924; Apr. 28.
- Chyle, John J., assignor to A. O. Smith Corporation, Milwaukee, Wis. Covered electrode for arc welding. 2,052,699; Sept. 1.
- Ciak, Joseph, and W. R. Loughheed, Flint, Mich. Automobile door handle. 2,034,746; Mar. 24.
- Ciba Products Corporation. (See Gams, A., and Frey, assignors.)
- Ciba Products Corporation. (See Gams, A., and Sutter, assignors.)
- Ciba Products Corporation. (See Gams, A., Widmer, and Frey, assignors.)
- Ciba Products Corporation. (See Sutter, Theodor, assignor.)
- Cibié, Pierre, Paris, France. Self-acting connecting device for the starting of motors. 2,060,279; Nov. 10.
- Ciccolella, David F., Albany, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical wave filter. 2,035,261; Mar. 24.
- Cichowicz, Alex, Belleville, N. J. Handle for suitcases and the like. 2,033,879; Mar. 10.
- Cilley, Joseph E., Hickory, N. C. Reverse motion preventer for knitting machines. 2,053,250; Sept. 8.
- Cimorosi, Albert, assignor to A. M. Cimorosi, Elkton, Md. Automatically righting fireworks article. 2,058,567; Oct. 27.
- Cimorosi, Antoinette M. (See Cimorosi, Albert, assignor.)
- Cinch Manufacturing Corporation. (See Bengtson, Eskil, assignor.)
- Cinch Manufacturing Corporation. (See Del Camp, Scipione M., assignor.)
- Cinch Manufacturing Corporation. (See Knutson, Carl L., assignor.)
- Cincinnati Advertising Products Company, The. (See Mattman, Gustave F., assignor.)
- Cincinnati Bickford Tool Company, The. (See Schauer, Lawrence L.)
- Cincinnati Bickford Tool Company, The. (See Schauer, L. L., and McKewen, assignors.)
- Cincinnati Bickford Tool Company, The. (See Schauer, L. L., and Sosa, assignors.)
- Cincinnati Butcher's Supply Company, The. (See Schmidt, Oscar C., assignor.)
- Cincinnati Coffin Company. (See Kemper, Gilbert L., assignor.)
- Cincinnati Grinders Incorporated. (See Binns, George W., assignor.)
- Cincinnati Grinders Incorporated. (See Binns, G. W., and Booth, assignors.)
- Cincinnati Grinders Incorporated. (See Binns, G. W., and Mehlohope, assignors.)
- Cincinnati Grinders Incorporated. (See Booth, C., and Caster, assignors.)
- Cincinnati Grinders Incorporated. (See Caster, J. E., and Nenninger, assignors.)
- Cincinnati Grinders Incorporated. (See Haas, Eugene F., assignor.)
- Cincinnati Grinders, Incorporated. (See Haas, F. S., and Goetzel, assignors.)
- Cincinnati Grinders Incorporated. (See Haas, F. S., and Kearns, assignors.)
- Cincinnati Grinders Incorporated. (See Harrison, R. E. W., and Hopkins, assignors.)
- Cincinnati Grinders Incorporated. (See Peaslee, Willets, assignor.)
- Cincinnati Grinders Incorporated. (See Peaslee, W., Nenninger, and Roehm, assignors.)
- Cincinnati Grinders Incorporated. (See Roehm, Erwin G., assignor.)
- Cincinnati Grinders Incorporated. (See Romaine, Millard, assignor.)
- Cincinnati Grinders Incorporated. (See Romaine, M., and Archea, assignors.)
- Cincinnati Grinders Incorporated. (See Romaine, M., and Roehm, assignors.)
- Cincinnati Grinders Incorporated. (See Vancil, E. D., and Haas, assignors.)
- Cincinnati Milling Machine Co., The. (See Archea, Walter D., assignor.)
- Cincinnati Milling Machine Co., The. (See Blood, Louis H., assignor.)
- Cincinnati Milling Machine Co., The. (See Campbell, John C., assignor.)
- Cincinnati Milling Machine Co., The. (See Cone, Philip H., assignor.)
- Cincinnati Milling Machine Company, The. (See Ernst, Hans, assignor.)
- Cincinnati Milling Machine Company, The. (See Ernst, H., and Goodrich, assignors.)
- Cincinnati Milling Machine Company, The. (See Ernst, H., and Nenninger, assignors.)
- Cincinnati Milling Machine Co., The. (See Ernst, H., Martellotti, and Archea, assignors.)
- Cincinnati Milling Machine Company, The. (See Isler, Herman R., assignor.)
- Cincinnati Milling Machine Company, The. (See Nenninger, L. F., and Sassen, assignors.)
- Cincinnati Milling Machine Co., The. (See Nenninger, L. F., Romaine, and Sassen, assignors.)
- Cincinnati Milling Machine Co., The. (See Roehm, Erwin G., assignor.)
- Cincinnati Milling Machine Co., The. (See Roehm, E. G., and Romaine, assignors.)
- Cincinnati Milling Machine Co., The. (See Romaine, Millard, assignor.)
- Cincinnati Milling Machine Company, The. (See Romaine, M., and Roehm, assignors.)
- Cincinnati Milling Machine Co., The. (See Sassen, Bernard, assignor.)
- Cincinnati Milling Machine Company, The. (See Sassen, B., and Ernst, assignors.)
- Cincinnati Milling Machine Company, The. (See Wright, Leigh W., assignor.)
- Cincinnati Mine Machinery Company, The. (See Stenger, E. P., and Bruestle, assignors.)
- Cincinnati Rubber Manufacturing Company. (See Joseph, John F., assignor.)
- Cincinnati Shaper Company, The. (See Hazelton, Robert T., assignor.)
- Cincinnati Time Recorder Company, The. (See Lensky, G. A., and Streckfuss, assignors.)
- Cincinnati Time Recorder Company, The. (See Streckfuss, Elmer G., assignor.)
- Cincinnati Tool Company, The. (See Watcher, Albert K., assignor.)
- Cincinnati Traction Building Co., The. (See Schoepf, T. H., and Ritchie, assignors.)
- Cinema Development Company. (See Briel, Conrad G., assignor.)
- Cioffi, Paul P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control apparatus. 2,045,438; June 23.
- Ciranni, Joseph, and A. Gauntner, Jr., Patton, Pa.; said Gauntner assignor to said Ciranni. Adjustable ratchet socket wrench. 2,047,924; July 14.
- Circle F Mfg. Co. (See Petersen, Carl M., assignor.)
- Cirelli, Frank, Philadelphia, Pa. Sound box for amplifying horns with loud speakers. 2,058,132; Oct. 20.
- Ciringione, Michael, Woodside, assignor to Lay & Way Co., Inc., New York, N. Y. Foundation garment. 2,048,492; July 21.
- Cisco, Edward S., Arnold, assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Cooking vessel. 2,047,176; July 14.
- Ciscognetti, Vincenzo, New York, N. Y. Window sill attachment. 2,038,646; Apr. 28.
- Cisor, Benjamin F., Los Angeles, Calif. Combination lock. 2,026,932; Jan. 7.
- Cities Service Oil Company. (See Burch, Eli F., assignor.)
- Citizens Trust Company, trustee. (See Replogle, Daniel B., assignor.)
- City Auto Stamping Company, The. (See Peterson, Peter, assignor.)
- City Machine & Tool Company, The. (See Ireland, George E., assignor.)
- Claassen, Alvin A., assignor of one-half to J. L. Hyland, Chicago, Ill. Treating molten steel. 2,027,300; Jan. 7.
- Claassen, Anthonius F. P. J. (See Emmens, H., Van Geel, and Claassen.)
- Clabby, Michael J., Bridgeport, Conn., assignor to Armstrong Manufacturing Co., New York, N. Y. Ratchet device. 2,048,538; July 21.



- Clabby, Michael J., Bridgeport, Conn., and H. S. Ashmun, assignors to Armstrong Manufacturing Co., New York, N. Y. Thread cutting device. 2,060,609; Nov. 10.
- Clade, Robert, Detroit, Mich., assignor to American Car and Foundry Company, New York, N. Y. Lubricated valve. 2,032,352; Mar. 3.
- Clade, Robert, Detroit, Mich., assignor to American Car and Foundry Company, New York, N. Y. Lubricated valve. 2,038,885; Apr. 28.
- Clade, Robert, Detroit, Mich., assignor to American Car and Foundry Company, New York, N. Y. Lubricated valve. 2,038,886; Apr. 28.
- Clade, Robert, Detroit, Mich., assignor to American Car and Foundry Company, New York, N. Y. Lubricated valve. 2,038,889; Apr. 28.
- Clade, Robert, Detroit, Mich., and D. M. Knox, assignors to American Car and Foundry Company, New York, N. Y. Lubricated valve. 2,038,887; Apr. 28.
- Clade, Robert, Detroit, Mich., and D. M. Knox, assignors to American Car and Foundry Company, New York, N. Y. Lubricated valve. 2,038,888; Apr. 28.
- Claff, Chester E., Randolph, Mass. Box and making the same. 2,028,136; Jan. 21.
- Claff, Clarence L., Randolph, Mass. Paper box and making the same. 2,044,935; June 23.
- Claff, Clarence L., Randolph, Mass. Finishing paper boxes. 2,056,092; Sept. 29.
- Claff, Clarence L., Randolph, Mass. Making paper boxes. 2,056,093; Sept. 29.
- Claff, Clarence L., Randolph, Mass. Making paper boxes. 2,056,094; Sept. 29.
- Claff, Clarence L., Randolph, Mass. Paper box. 2,062,085; Nov. 24.
- Claff, Clarence L., Randolph, Mass. Paper box. 2,062,086; Nov. 24.
- Claffey, Joseph B., Philadelphia, and J. A. Perry, Swarthmore, assignors to The United Gas Improvement Company, Philadelphia, Pa. Gas filter. 2,048,993; July 28.
- Claffin, Harry C. (See Monroe, C. H., and Claffin, assignors.)
- Claffin, Harry C., Marysville, and J. B. Arnold, St. Clair, Mich., assignors to The Beryllium Corporation, New York, N. Y. Manufacturing beryllium alloys. 2,046,148; June 30.
- Claissie, Arnold J., London, England, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor blade and the like and the production thereof. 2,065,654; Dec. 29.
- Claissie, Herbert L., London, England, assignor to Gillette Safety Razor Company, Boston, Mass. Manufacture of safety razor blades. 2,038,415; Apr. 21.
- Clamer, Guillian H., Atlantic City, N. J., assignor to Ajax Electric Company, Incorporated, Philadelphia, Pa. Refining metals. 2,060,177; Nov. 10.
- Clancy, Frank B., administrator. (See Labombarde, Elie W.)
- Clancy, John F., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Automatic leveling device for elevators. 2,044,152; June 16.
- Clapp, Albert L., Danvers, Mass., assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Flooring material. 2,038,325; Mar. 10.
- Clapp, Houghton G. (See Dahlen, M. A., Clapp, and Jordan.)
- Clapp, James K., Auburndale, assignor to General Radio Company, Cambridge, Mass. Electromechanical vibrator. 2,029,358; Feb. 4.
- Clapp, Kenneth S., Shaker Heights, Ohio. Vapor recovery system. 2,065,429; Dec. 22.
- Clapp, Peter A., assignor of one-third to Reginald G. Rye, and one-third to Isadore G. Goldstein, Kalamazoo, Mich. Electric heater. 2,060,039; Nov. 10.
- Clapper, John S., Minneapolis, Minn. Mowing apparatus. 2,060,280; Nov. 10.
- Clapper, John S., assignor to Toro Manufacturing Company, Minneapolis, Minn. Gang lawn mower. 2,057,417; Oct. 13.
- Clardon Corporation. (See Eckstein, George R., assignor.)
- Clardon Corporation. (See Piel, Edwin A., assignor.)
- Clardy, Frederick B. (See Langer, T. W., McBride, Carlson, Stow, and Clardy.)
- Clare, Charles, Madison, Wis. Concrete cribbing. 2,035,059; Mar. 24.
- Clarín Manufacturing Co. (See Lochman, A. L., and Kluson, assignors.)
- Clark-Aiken Company, The. (See Aiken, Walter S., assignor.)
- Clark, Allan J., and W. H. Todd, Lead, S. Dak. Amalgamator for the recovery of gold. 2,065,967; Dec. 29.
- Clark, Arthur B., Newton Center, Mass., assignor, by mesne assignments, to Technicolor, Inc., New York, N. Y. Color photography. 2,032,401; Mar. 3.
- Clark, Arthur L., Detroit, Mich. Multiple flour sieve. 2,045,439; June 23.
- Clark, Charles, New York, N. Y. Display device. 2,051,467; Aug. 13.
- Clark, Charles C. (See Eckey, E. W., and Clark.)
- Clark, Charles H., and R. C. Hollister, Cortland, N. Y. Overhead door for closed vehicle bodies. 2,057,555; Oct. 13.
- Clark, Charles W. (See Martin, O. C., and Clark.)
- Clark Controller Company, The. (See Beiderman, Edward G., assignor.)
- Clark Controller Company, The. (See Mellon, James J., assignor.)
- Clark Controller Company, The. (See Rippl, Charles H., assignor.)
- Clark-Cutler-McDermott Company. (See McDermott, Thomas S., assignor.)
- Clark, Cyril B., Scarsdale, assignor to American Cyanamid Company, New York, N. Y. Production of sulphuric acid by the contact process. 2,028,733; Jan. 21.
- Clark, Cyril B., Scarsdale, N. Y., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Sulphuric acid manufacture. 2,028,739; Jan. 28.
- Clark, Cyril B., Scarsdale, assignor to American Cyanamid Company, New York, N. Y. Production of sulphuric acid by the contact process. 2,044,419; June 16.
- Clark, Cyril B., Scarsdale, N. Y., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Making mixed nitric and sulphuric acids. 2,047,546; July 14.
- Clark, Donald E., and H. C. Green, San Diego, assignors to Kelco Company, Los Angeles, Calif. Alginic acid and making same. 2,036,922; Apr. 7.
- Clark, Earl J., Chestnut Hill, Mass., assignor to General Electric Company. Electric valve circuits. 2,039,057; Apr. 28.
- Clark, Edward B. (See Clark, James F. and E. B.)
- Clark, Edward D. W., Sheffield, England. Implement. 2,044,525; June 16.
- Clark, Edward H., Reading, Mass., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Draping machine. 2,030,744; Feb. 11.
- Clark, Edward O., Jr., Longmeadow, assignor to Milton Bradley Company, Springfield, Mass. Combination crayon package and display container. 2,040,041; May 5.
- Clark, Eldon S., assignor to Timken-Michigan Company, Detroit, Mich. Sealing device. 2,059,775; Nov. 3.
- Clark, Eldon S., assignor to Timken-Michigan Company, Detroit, Mich. Valve. 2,066,250; Dec. 29.
- Clark, Francis R., assignor to Package Machinery Company, Springfield, Mass. Wrapper and method and apparatus for forming it. 2,056,825; Oct. 6.
- Clark, Frank G., Minneapolis, assignor to Crane Company of Minnesota, St. Paul, Minn. Combination churn and butter worker. 2,066,067; Dec. 29.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Adhesive compositions. 2,056,826; Oct. 6.
- Clark, Emily. (See Steigerwald, August, assignor.)
- Clark Equipment Company. (See Burger, Frederick W., assignor.)
- Clark Equipment Company. (See Lapsley, Robert, assignor.)
- Clark Equipment Company. (See Spatta, George, assignor.)
- Clark, Eugene F., Damariscotta, Maine, assignor to Marshall Field Mills Corporation, Philadelphia, Pa. Tube frame. 2,029,254; Jan. 28.
- Clark, Francis R. (See Smith, E. L., and Clark.)
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Electrical apparatus. 2,028,589; Jan. 21.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Insulating and dielectric compositions. 2,037,686; Apr. 14.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Electrical capacitor. 2,041,594; May 19.
- Clark, Frank M., and R. A. Ruscetta, Pittsfield, Mass., assignors to General Electric Company. Electric capacitor and method of fabrication. 2,028,590; Jan. 21.
- Clark, Frank M., and W. M. Kutz, Pittsfield, Mass., assignors to General Electric Company. Chlorine derivatives of dibenzyl and preparing them. 2,033,612; Mar. 10.
- Clark, Fred E., et al. (See Tremblay, Miles C., assignor.)
- Clark, Gabriel, trustee, et al. (See Loveridge, F. H., and Smythe.)
- Clark, George C., Beverly Hills, Calif. Shoe last. 2,062,557; Dec. 1.
- Clark, George J. J. (See Field, B., and Clark.)
- Clark, George J. J., Whitman, assignor to National Fireworks, Inc., West Hanover, Mass. Base for highway flares. 2,049,407; July 28.
- Clark, George R. (See Branchen, L. W., and Clark.)
- Clark, Gordon H., and W. F., assignors to Automatic Electric Heater Company, Pottstown, Pa. Water heater. 2,038,476; Apr. 21.
- Clark Grave Vault Company, The. (See Beck, Allen F., assignor.)
- Clark, Grover, New York, N. Y. Container and method of sealing. 2,046,609; July 7.
- Clark, Harold W., assignor to The McCaskey Register Company, Alliance, Ohio. Receipt control file. 2,029,754; Feb. 4.
- Clark, J. L., Manufacturing Co. (See Kjellstrom, John H., assignor.)
- Clark, J. L., Manufacturing Co. (See Mills, Wallace C., assignor.)
- Clark, J. L., Manufacturing Co. (See Rueger, Herman W., assignor.)



- Clark, James A., Poughkeepsie, N. Y., and H. G. Smolens, Upper Darby, Pa., assignors to Buffalo Electro-Chemical Company, Inc., Tonawanda, N. Y. Bleaching. 2,029,985; Feb. 4.
- Clark, James A., and J. Traquair, Chillicothe, assignors to The Mead Corporation, Dayton, Ohio. Paper manufacture. 2,044,281; June 16.
- Clark, James F., and E. B. Clark, Toronto, Ontario, Canada. Shoe form. 2,041,695; May 26.
- Clark, James F. and E. B., Toronto, Ontario, Canada. Tree for shoes and other footwear. 2,047,460; July 14.
- Clark, James R., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Drawer stop for cabinets and the like. 2,031,251; Feb. 18.
- Clark, James R., assignor to The Yawman & Erbe Manufacturing Company, Rochester, N. Y. Cabinet. 2,037,881; Apr. 21.
- Clark, James R., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Edge binder for furniture top surfacing material. 2,063,725; Dec. 8.
- Clark, Jess E., Okmulgee, Okla. Steering stabilizer. 2,047,059; July 7.
- Clark, Jesse H., and H. A. Laystrom, Chicago, Ill. Radio tuning device. 2,049,894; Aug. 4.
- Clark, John A., assignor to Manton-Gaulin Manufacturing Company, Inc., St. Johnsbury, Vt. Packing for homogenizers. 2,029,463; Feb. 4.
- Clark, John M., assignor to Universal Button Fastening & Button Company, Detroit, Mich. Button attaching machine. 2,036,255; Apr. 7.
- Clark, John R., Battery Park, Md. Mechanically simulating handmade brick. 2,046,245; June 30.
- Clark, John T. (See Greene, Max H., assignor.)
- Clark, John T., Company. (See Winterbauer, Henry T., assignor.)
- Clark, Keith, Inc. (See Clark, K., and Mitchell.)
- Clark, Keith, and A. G. Mitchell, Ridgewood, N. J., assignors to Keith Clark, Inc., New York, N. Y. Calendar. 2,041,652; May 19.
- Clark, Kenneth H., et al. (See Schulz, E. Fred, assignor.)
- Clark, Lancaster P., Jr. (See Hill, Ralph B., assignor.)
- Clark, Lee H. (See Lee, W. M., and Clark.)
- Clark, Lee H., Grosse Ile, Mich., assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Chlorinating hydrocarbons. 2,064,413; Dec. 15.
- Clark, Leverett M., Snyder, N. Y. Cushioning mechanism. 2,052,166; Aug. 25.
- Clark, Lucie A. (See Clark, Ralph O. and Lucie A.)
- Clark, Luther L., Hewlett, N. Y. Golf ball practice device. 2,039,633; May 5.
- Clark, Mills G., Cleveland Heights, assignor to Insulated Steel Construction Company, Cleveland, Ohio. Building wall structure. 2,065,920; Dec. 29.
- Clark, Oscar R., Temple City, Calif. Combination sinker and anchor for fishlines. 2,033,683; Mar. 10.
- Clark, Otto B., assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,066,030; Dec. 29.
- Clark, Ralph L., and M. D. Focacci, Lodi, Calif., said Focacci assignor to said Clark. Golf overshoe. 2,032,793; Mar. 3.
- Clark, Ralph O. and Lucie A., Estherville, Iowa. Electric fluting machine. 2,064,732; Dec. 15.
- Clark, Raymond L., assignor, by mesne assignments, to Armorite Equipment Incorporated, Rochester, N. Y. Prison building. 2,036,515; Apr. 7.
- Clark, Samuel C. (See Pryale, H. M., Clark, and Cotterman.)
- Clark, Samuel C. and H. M. Pryale, Pontiac, Mich. Heating system for vehicle bodies. 2,062,864; Dec. 1.
- Clark, Samuel C., H. M. Pryale, and D. R. Cotterman, Pontiac, Mich. Flexible backing for floor coverings and the like. 2,052,605; Sept. 1.
- Clark, Stanley H. (See Hinckley, J. N., and Clark.)
- Clark, Sydney J. (See DeMartis, H., and Clark.)
- Clark Tractor Company. (See Burrows, R. J., and Williams, assignors.)
- Clark Tractor Company. (See Williams, Alfred O., assignor.)
- Clark, Walter G., assignor to Air Ice Research & Development Corp., Los Angeles, Calif. Art of refrigeration. 2,045,754; June 30.
- Clark, Warner, et al. (See McCarty, Madison P., assignor.)
- Clark, Warren F. (See Clark, Gordon H., and W. F.)
- Clark, William A. (See Bouton, E. M., Clark, and Williams.)
- Clark, William A., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring structure. 2,038,718; Apr. 28.
- Clark, William F., Chicago, Ill. Impregnating beer wort with yeast. 2,033,326; Mar. 10.
- Clark, William L., Oklahoma City, Okla. Method of flowing wells. 2,034,798; Mar. 24.
- Clark, William T., Milton, assignor of one-half to C. T. Gilchrist, Boston, Mass. Heating apparatus. 2,055,784; Sept. 29.
- Clark, Wycliffe L., Jamestown, N. Y. Latch. 2,031,302; Feb. 18.
- Clarke, Adam. (See Varley, G. P., and Clarke.)
- Clarke Chapman & Company Limited. (See Dight, Sydney R., assignor.)
- Clarke, Charles A., New York, and V. Wright, Queens Village; said Wright assignor to A. H. Roren, New York, N. Y. Beverage container. 2,039,704; May 5.
- Clarke, Charles J., Kingsbury, Calif. Fishline reel holder. 2,038,344; Apr. 21.
- Clarke, Eleanor S., et al. (See Saxe, Arthur G., assignor.)
- Clarke, Eugene C., assignor to Chambersburg Engineering Company, Chambersburg, Pa. Steam hammer. 2,046,447; July 7.
- Clarke, Gerald J., Rochester, and H. T. Clarke, New York, assignors to Eastman Kodak Company, Rochester, N. Y. Refining cellulose acetate. 2,036,397; Apr. 7.
- Clarke, Hans T. (See Clarke, Gerald J., and H. T.)
- Clarke, Hans T., New York, and C. J. Malm, assignors to Eastman Kodak Company, Rochester, N. Y. Making cellulose esters and the products resulting therefrom. 2,048,685; July 28.
- Clarke, Harris G. and H. C., Vicksburg, Miss. Convertible seat for motor vehicles. 2,039,682; May 5.
- Clarke, Henry J. (See Phillips, H. R., and Clarke.)
- Clarke, Herbert S., Albany, N. Y., assignor to The Rails Company, New Haven, Conn. Compression screw spike. 2,049,105; July 28.
- Clarke, Hugh C. (See Clarke, Harris G. and H. C.)
- Clarke, John D., assignor to Chicago Carton Company, Chicago, Ill. Display card support. 2,029,158; Jan. 28.
- Clarke, John D., assignor to Chicago Carton Company, Chicago, Ill. Golf hole. 2,031,525; Feb. 18.
- Clarke, John G., Providence, R. I. Food treating machine. 2,054,409; Sept. 15.
- Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Solvent refining with nitro-alcohols. 2,027,354; Jan. 7.
- Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Motor fuel. 2,034,024; Mar. 17.
- Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Solvent extraction of hydrocarbon oil. 2,045,321; June 23.
- Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Solvent refining oil. 2,054,050; Sept. 8.
- Clarke, Louis A., Fishkill, and H. Levin, Beacon, assignors to The Texas Company, New York, N. Y. Petroleum distillate products. 2,034,283; Mar. 17.
- Clarke, Norman A., assignor to The Westfield Manufacturing Company, Westfield, Mass. Bicycle locking devices. 2,051,822; Aug. 25.
- Clarke, Norman A., assignor to The Westfield Manufacturing Company, Westfield, Mass. Bicycle accessory. 2,051,823; Aug. 25.
- Clarke, Philip S. (See Ott, T. F., Clarke, and Van Marter.)
- Clarke, Robert B. F. F. (See Bunbury, H. M., and Clarke.)
- Clarke, Robert B. F. F. (See Bunbury, H. M., Clarke, and Evans.)
- Clarke, Robert B. F. F., Cheadle Hulme, and H. M. Bunbury, Prestwich, England, assignors to Imperial Chemical Industries Limited. Rubber and rubber-like preparations. 2,033,276; Mar. 10.
- Clarke, William V. (See Lacey, B. W. D., and Clarke.)
- Clarkson-Jones, Thomas H., Toronto, Ontario, Canada, Duplicating attachment for typewriters. 2,048,183; July 21.
- Clarkson, Ralph P., New Rochelle, N. Y. Interlocking guard rail brace. 2,044,060; June 16.
- Clarkson, Ralph P., assignor to J. H. McCormick & Co., Williamsport, Pa. Creating uniform temperature conditions in small spaces. 2,053,393; Sept. 8.
- Clarkson, Richard G. (See Calcott, W. S., and Clarkson.)
- Clarkson, Richard G. (See Dahlen, M. A., Clarkson, and Friedrich.)
- Clarkson, Richard G. (See Downing, F. B., and Clarkson.)
- Clarkson, Richard G., Wilmington, Del., and C. J. Pedersen, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Noncorrosive aqueous solutions. 2,054,282; Sept. 15.
- Clarkson, Russell. (See Stone, A. A., and Clarkson.)
- Clarridge, Ralph E. (See Hubbard, K. H., and Clarridge.)
- Clarry, Percy L., et al. (See Tremblay, Miles C., assignor.)
- Clasen, Anthony, and F. X. Scholtes, Kilgore, Nebr. Repairing wells having corroded sand points. 2,046,870; July 7.
- Clasen, Claus J. W., Davenport, assignor to The Bettendorf Company, Bettendorf, Iowa. Railway car truck. 2,044,971; June 23.
- Clauberg, Herman P. (See Zuckerman, A. M., and Clauberg.)
- Claud-Mantle, Arthur. (See Logie, T. T., and Claud-Mantle.)
- Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Automobile robe support and bracket therefor. 2,031,496; Feb. 18.
- Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Hood catch. 2,040,392; May 12.
- Claude, André. (See Axelos, J. G., and Claude.)
- Claude, André. (See Bethenod, J., and Claude.)
- Claude, André, Nanterre, France. Electric lighting apparatus. 2,029,986; Feb. 4.
- Claude, André, Nanterre, assignor to Société Anonyme pour les Applications de l'Electricité et des Gaz. Rares Etablissements Claude-Paz & Silva, Paris, France. Discharge tube. 2,030,963; Feb. 18.
- Claude, André, Nanterre, France. Electric gaseous discharge apparatus. 2,041,595; May 19.
- Claude Neon Electrical Products Corp. Ltd. (See Breckenridge, Paul G., assignor.)



- Claude Neon Electrical Products Corporation, Ltd. (See Erickson, Ellis O., assignor.)
- Claus, Ernest C., Chicago, Ill. Rocking device. 2,032,049; Feb. 25.
- Clause, Robert L., Sewickley, Pa., assignor to Pittsburgh Plate Glass Company. Making a double glazed unit. 2,032,003; Feb. 25.
- Clausen, Henry P., White Plains, N. Y., assignor to American Telephone and Telegraph Company. Signaling system. 2,038,647; Apr. 28.
- Clausen, Ingard M., Phoenix, Ariz. Flow measuring device. 2,028,273; Jan. 21.
- Clauser, Celeste H., administratrix. (See Eacock, C. J., and Clauser.)
- Clauser, Celeste H. (See Eacock, C. J., and Clauser.)
- Clauser, Herbert C., Elkton, Md. Float light. 2,055,277; Sept. 22.
- Clausing, George, assignor to Vulcan Corporation, Portsmouth, Ohio. Shoe last. 2,047,309; July 14.
- Clausing, George, assignor to Vulcan Corporation, Portsmouth, Ohio. Model copying machine. 2,049,106; July 28.
- Clausing, George, assignor to Vulcan Corporation, Portsmouth, Ohio. Shoe last. 2,065,655; Dec. 29.
- Clausing, George, assignor to Vulcan Corporation, Portsmouth, Ohio. Shoe last. 2,065,656; Dec. 29.
- Clausing, Leroy M. E. (See Siegel, D. T., and Clausing.)
- Clausing, Leroy M. E., Chicago, Ill., and J. E. Smith, Jr., Gary, Ind. Radio signaling system. 2,028,497; Jan. 21.
- Clauson, Clas W., Brookline, Mass. Vehicle spring. 2,061,651; Nov. 24.
- Clavier, André G., Glen Ridge, assignor to International Communications Laboratories, Inc., Newark, N. J. Antenna system for microray signaling. 2,028,498; Jan. 21.
- Clavier, André G., and R. H. Darbord, Paris, France, assignors to Western Electric Company, Incorporated, New York, N. Y. Directional radio transmission system. 2,043,347; June 9.
- Clawson, Albert E., Springfield, Pa., assignor to Taylor Instrument Companies, Rochester, N. Y. Hygrometric apparatus. 2,027,959; Jan. 14.
- Clawson, Millard E., assignor to Continental Oil Company, Ponca City, Okla. Container. 2,056,827; Oct. 6.
- Clawson, Millard E., assignor to Continental Oil Company, Ponca City, Okla. Method and apparatus for transferring volatile liquids. 2,056,828; Oct. 6.
- Cmaxon, John S., Muncie, Ind. Cleaning implement. 2,043,464; June 9.
- Clay, George H., Kansas City, Mo. Quick opening truck tank plug. 2,040,358; May 12.
- Clay, George H., Kansas City, Mo. Quick-opening tank truck plug. 2,045,834; June 30.
- Clay, Murray G., Hasbrouck Heights, N. J., assignor to Radio Corporation of America. Variable radio frequency selectivity control. 2,037,498; Apr. 14.
- Clay, Murray G., New York, N. Y., assignor to Radio Corporation of America. Heterodyne receiver radiation suppressor. 2,039,634; May 5.
- Clay, Murray G., Hasbrouck Heights, N. J., assignor to Radio Corporation of America. Multirange converter circuits. 2,061,611; Nov. 24.
- Clay, Noble S., Wilkesburg, Pa., assignor to Westinghouse Electric and Manufacturing Company. Composition tray. 2,042,210; May 26.
- Clay Reduction Company. (See Svendsen, Svend S., assignor.)
- Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Puller-feed mechanism for sewing machines. 2,035,365; Mar. 24.
- Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Differential feeding mechanism for sewing machines. 2,042,651; June 2.
- Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating means for sewing machine needle-bar mechanisms. 2,056,644; Oct. 6.
- Clayton, Benjamin, Sugarland, Tex., assignor to Refining, Inc., Reno, Nev. Producing soap having a definite water content. 2,037,006; Apr. 14.
- Clayton, Gerard C. H., London, England, assignor to Instanta Electric Limited. Indicating device for use with clocks. 2,041,115; May 19.
- Clayton and Lambert Manufacturing Company. (See Lambert, Charles F., assignor.)
- Clayton & Lambert Manufacturing Company. (See Rueppel, Fred R., assignor.)
- Clayton, Lewis J., assignor to Viceroy Manufacturing Company, Limited, Toronto, Ontario, Canada. Electric cord attachment plug. 2,033,973; Mar. 17.
- Clayton, Lewis P., Toronto, Ontario, assignor to Viceroy Manufacturing Company, Limited, Toronto, Ontario, Canada. Machine for molding hollow rubber articles. 2,027,634; Jan. 14.
- Clayton, Martin M., Baden, Pa., assignor to National Electric Products Corporation. Wiring device. 2,037,368; Apr. 14.
- Clayton, Martin M., Baden, Pa., assignor to National Electric Products Corporation. Outlet box. 2,051,129; Aug. 18.
- Clayton Manufacturing Company. (See Griswold, Donald G., assignor.)
- Clayton, Robert H., H. E. Williams, and H. B. Avery, assignors to The Manchester Oxide Company, Limited, Manchester, England. Purification and extraction of sulphur bearing material. 2,040,359; May 12.
- Clayton, W. E., et al. (See Mellars, N. W., and Swartfager, assignors.)
- Claytor, Edwin E., Tulsa, Okla. Breaking petroleum emulsions. 2,060,281; Nov. 10.
- Clearing Machine Corporation. (See Wall, Edmund L., assignor.)
- Clearwater, Otto V., Hollis, N. Y., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Food package and making the same. 2,062,249; Nov. 24.
- Cleveland, John B., East Orange, N. J. Waterproofing composition and method of waterproofing fabric. 2,046,305; June 30.
- Cleaves, William S., Wollaston, Mass. Paste-applying device. 2,048,103; July 21.
- Clegg, Charles V., Dallas, Tex., assignor to The Texas Company, New York, N. Y. Display device. 2,045,897; June 30.
- Clegg, Harry B., Attleboro, Mass. Vanity case or compact. 2,031,933; Feb. 25.
- Cleghorn, Albert E., Brooklyn, assignor to Travatex Products Corporation, New York, N. Y. Manufacture of decoratively colored articles. 2,027,021; Jan. 7.
- Cleghorn, George S., assignor to English Steel Corporation Limited, Sheffield, England. Pipe or like joints. 2,035,221; Mar. 24.
- Clem, Stanley A., Santa Ana, Calif. Wood building construction. 2,046,246; June 30.
- Clemens, Warren, Pavilion, N. Y. Drier. 2,066,251; Dec. 29.
- Clemenson, Tilphare, Grafton, N. Dak. Filler for grease guns. 2,050,648; Aug. 11.
- Clement Talbot Limited. (See Roesch, Georges H., assignor.)
- Clement, Walter J., New Hartford, assignor to Bossert Company, Inc., Utica, N. Y. Hammer mill with equalized separating means. 2,045,582; June 30.
- Clements, Arthur L., and W. H. Calsmer, assignors to American Hair & Felt Company, Chicago, Ill. Carpet cushion. 2,032,114; Feb. 25.
- Clementson, C. & S. (See Clementson, Carl M., assignor.)
- Clementson, Carl M., Malmo, assignor to the firm C. & S. Clementson, Malmo-Limhamn, Sweden. Making a corrosion-inhibiting lubricant. 2,054,721; Sept. 15.
- Clemmer, Fred E., Akron, Ohio. Article disposal fixture. 2,053,181; Sept. 1.
- Clemmons, Ralph W. (See Hayward, R. B., and Clemmons.)
- Clemmons, Ralph W., Chicago, Ill., assignor to R. B. Hayward Company. Reel. 2,058,133; Oct. 20.
- Clemons, Frederick E., Indianapolis, Ind. Independent wheel suspension. 2,062,778; Dec. 1.
- Clench, Edward C. S., Leamington Spa, assignor to Automotive Products Company Limited, London, England. Hydraulic brake and jack. 2,052,547; Sept. 1.
- Clendening, Karl R., Cedar Rapids, Iowa. Starch mill reel. 2,055,119; Sept. 22.
- Clerc, André, Villeurbanne, assignor to Ateliers de Constructions Electriques de Delle, Paris, France. Electric circuit breaker with compressed gas. 2,049,995; Aug. 4.
- Clerc, André, Villeurbanne, assignor to Ateliers de Constructions Electriques de Delle, Paris, France. Electric circuit breaker with compressed gas. 2,049,996; Aug. 4.
- Clerc, André, Villeurbanne, assignor to Ateliers de Constructions Electriques de Delle, Paris, France. Electric circuit breaker with compressed gas blow-out. 2,060,282; Nov. 10.
- Clesi, Frank E., and E. H., Kardorff, New Orleans, La. Spray gun. 2,059,089; Oct. 27.
- Cleveland Automatic Machine Company, The. (See Ruppel, Harry W., assignor.)
- Cleveland Brass Manufacturing Company, The. (See Roach, Nathan, assignor.)
- Cleveland Brass Manufacturing Company, The. (See Weightman, H. E., and Roach, assignors.)
- Cleveland Chain & Manufacturing Company, The. (See Cull, Louis D., assignor.)
- Cleveland Chain & Manufacturing Company, The. (See Dick, Le Roy I., assignor.)
- Cleveland, Charles H., C. A. Heine, and J. T. Allison, Minneapolis, Minn. Apparatus for renewing worn valve seats. 2,026,821; Jan. 7.
- Cleveland, Clarence E., Salina, Kans. Coloring stone. 2,062,865; Dec. 1.
- Cleveland Co-Operative Stove Company. (See Ahrens, H. A., Kennedy, and Nason, assignors.)
- Cleveland Cooperative Stove Company, The. (See Becvar, Joseph, assignor.)
- Cleveland Co-Operative Store Company, The. (See Kennedy, Emmett F., assignor.)
- Cleveland Crane & Engineering Company, The. (See Anjeskey, Alphonse F., assignor.)
- Cleveland Crane & Engineering Company, The. (See Bennington, Earl T., assignor.)
- Cleveland Crane & Engineering Company, The. (See Weise, Kurt R., assignor.)
- Cleveland Graphite Bronze Company, The. (See Crist, George W., assignor.)
- Cleveland Graphite Bronze Company, The. (See Palm, J. V. O., and Swartz, assignors.)



- Cleveland Graphite Bronze Company, The (See Salzman, George S., assignor.)
- Cleveland Graphite Bronze Company, The. (See Swinton, David R., assignor.)
- Cleveland Hardward & Forging Company, The. (See Bosley, Lewis W., assignor.)
- Cleveland Heater Company, The. (See Craver, Albert F., assignor.)
- Cleveland Heater Company, The. (See Marvin, John T., assignor.)
- Cleveland Heater Company, The. (See Te Pas, Edmund J., assignor.)
- Cleveland Hobbing Machine Company, The. (See Adams, Frank H., assignor.)
- Cleveland Hobbing Machine Company, The. (See Adams, F. H., and Staples, assignors.)
- Cleveland Pneumatic Tool Company, The. (See De Mooy, John, assignor.)
- Cleveland Pneumatic Tool Company, The. (See Wallace, John F., assignor.)
- Cleveland Pneumatic Tool Company, The. (See Waugh, R. S., and Reed, assignors.)
- Cleveland Pneumatic Tool Company, The. (See Van Sittert, Paul, assignor.)
- Cleveland Rock Drill Company, The. (See Curtis, John C., assignor.)
- Cleveland Rock Drill Company, The. (See Greve, L. W., and Curtis, assignors.)
- Cleveland Rock Drill Company, The. (See Richardson, Led L., assignor.)
- Cleveland, Theodore K., Drexel Hill, assignor to Philadelphia Quartz Company, Philadelphia, Pa. Cleansing preparation. 2,044,467; June 16.
- Cleveland, Theodore K., Drexel Hill, and W. Stericker, Swarthmore, assignors to Philadelphia Quartz Company, Philadelphia, Pa. Adhesive and method of bonding. 2,044,466; June 16.
- Cleveland, Theodore W., and T. W. Bunten, Weston, W. Va. Printer's gauge pin. 2,032,004; Feb. 25.
- Cleveland Tractor Company, The. (See Heaslet, James G., assignor.)
- Cleveland Tractor Company, The. (See Mitchell, Ralph A., assignor.)
- Cleveland Trust Company, The, trustee. (See Dillon, Harold H., assignor.)
- Cleveland Trust Company, The. (See Evans, Gordon E., assignor.)
- Cleveland Trust Company, The, as trustee. (See Jardine, Frank, assignor.)
- Cleveland Trust Company, The. (See Methudy, Carl E., assignor.)
- Cleveland Trust Company, The, as Trustee. (See Norton, Allen B., assignor.)
- Cleveland Trust Company, The, trustee. (See Welty, George D., assignor.)
- Cleveland Welding Company, The. (See Mueller, Homer L., assignor.)
- Clickner, Forest H., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Egg product and emulsifier therefor. 2,030,964; Feb. 18.
- Clickner, Forest H., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Emulsifier. 2,030,965; Feb. 18.
- Clickner, Forest H., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Manufacture of casein. 2,044,282; June 16.
- Clifford, Albert C., Elizabeth, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Fibrous electrical insulation and preparation thereof. 2,036,256; Apr. 7.
- Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Antioxidant. 2,026,517; Jan. 7.
- Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Production of hydrogen halides. 2,028,087; Jan. 14.
- Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preparing formaldehyde derivatives of 1-mercaptothiazoles. 2,040,467; May 12.
- Clifford, Albert M., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Making halogen-substituted thiazoles. 2,043,948; June 9.
- Clifford, Albert M., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerators. 2,058,771; Oct. 27.
- Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Age resister. 2,061,451; Nov. 17.
- Clifford, Dell G., Chicago, Ill. Machine for leveling and compacting floor covering. 2,038,416; Apr. 21.
- Clifford Manufacturing Co. (See Clifford, Walter B., assignor.)
- Clifford Manufacturing Company. (See Clifford, W. B. and Woods, assignors.)
- Clifford, Sydney G., assignor to Waterlow & Sons Limited, London, England. Applying protective coloring in the printing of documents representing value. 2,030,351; Feb. 11.
- Clifford, Sydney G., assignor to Waterlow & Sons Limited, London, England. Applying protective coloring in the printing of documents representing value. 2,048,780; July 28.
- Clifford, Vernon J., assignor to Safety Bumpers Limited, London, England. Lifeguard for vehicles. 2,040,360; May 12.
- Clifford, Walter B., assignor to Clifford Manufacturing Co., Boston, Mass. Relief valve for hot water systems. 2,031,558; Feb. 18.
- Clifford, Walter B., Boston, Mass., assignor, by mesne assignments, to Houde Engineering Corporation, Buffalo, N. Y. Fluid type shock absorber. 2,043,465; June 9.
- Clifford, Walter B., Boston, and J. E. Woods, Newtonville, assignors to Clifford Manufacturing Company, Boston, Mass. Bellows assembly. 2,032,563; Mar. 3.
- Clift, Spencer B., Pasadena, Calif. Kitchen utensil. 2,065,886; Dec. 29.
- Clifton Yarn Mills. (See Johns, Harold E., assignor.)
- Clima, Charley F., Cleveland, and R. H. Evans, Akron, Ohio. Windshield wiper. 2,034,086; Mar. 17.
- Climalene Company, The. (See Crites, Bert O., assignor.)
- Climax Machinery Company. (See Campbell, William J., assignor.)
- Climax Rock-Drill and Engineering Works Limited. (See St. Stephens, Raynar de H., assignor.)
- Clinch, Charles S., Sr., Swampscott, assignor to Haverhill Shoe Novelty Company, Haverhill, Mass. Trimming. 2,063,299; Dec. 8.
- Clinch, George B., Tampa, Fla., assignor of one-half to Theodore L. Popp, Buffalo, N. Y. Fluid controlling apparatus. 2,058,061; Oct. 20.
- Cline, Clyde D. (See Cline, Harold A., assignor.)
- Cline, Harold A., Dayton, Ohio, assignor of fifty per cent to C. D. Cline, Chicago, Ill. Luminescent sign. 2,042,144; May 26.
- Cline, Henry T., Colorado Springs, Colo. Weed cutting machine for lawns, etc. 2,034,505; Mar. 17.
- Cline, Joseph K. (See Major R. T., and Cline.)
- Cline, Vern L. (See Godown, Lee R., assignor.)
- Clinefelter, James C., Akron, Ohio. Heater. 2,048,104; July 21.
- Clingenstein, Heinrich. (See Delfs, D., Knoche, Messmer, and Klingenstein.)
- Clingenstein, Heinrich. (See Wiedemann, K., Klingenstein, Krzikalla, and Kuehne.)
- Clingenstein, Heinrich, Cologne-on-the-Rhine, and H. Roos and C. Heusner, Leverkusen, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Disazodyestuffs. 2,028,439; Jan. 21.
- Clingenstein, Heinrich, Cologne, W. Petzold, and L. Hauck, Leverkusen, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Disazodyestuffs. 2,061,551; Nov. 24.
- Clinical Supplies, Incorporated. (See Ziegler, Charles E., assignor.)
- Clinker, Hilda G., executrix. (See Clinker, Reginald C.)
- Clinker, Reginald C., deceased, late of Rugby, by H. G. Clinker, executrix, Bristol, England, assignor to General Electric Company. Alternating current apparatus. 2,042,505; June 2.
- Clinton, Harry D., Johnson City, N. Y. Spool or bobbin. 2,048,994; July 28.
- Clinton, Harry D., Johnson City, N. Y. Spool or bobbin for yarn end fastening. 2,048,995; July 28.
- Clinton, Harry D., Johnson City, N. Y. Twister spool or bobbin. 2,048,996; July 28.
- Clipper Belt Lacer Company. (See Diamond, James K., assignor.)
- Clipper, Forrest G., San Jose, Calif. Mop cleaner. 2,058,772; Oct. 27.
- Clisby, K. I. (See Reiboldt, William P., assignor.)
- Clitherow, William B., St. Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Apparatus for tempering tubular glass articles. 2,054,595; Sept. 15.
- Clo, Jay H., Baldwin, assignor to A. Schrader's Son, Inc., Brooklyn, N. Y. Rim hole seal for tires. 2,054,965; Sept. 22.
- Clopay Corporation. (See Johnson, Samuel J., assignor.)
- Close, Isaac E., Oakland, Calif. Spark plug. 2,026,822; Jan. 7.
- Closure Service Company, The. (See Carvalho, Leslie R. N., assignor.)
- Closure Service Company, The. (See Kohrer, Alfred, assignor.)
- Closure Service Company, The. (See Skutch, William G., assignor.)
- Clouse, Augustus C. (See Barton, J. J., and Clouse.)
- Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Bolt making machine. 2,026,823; Jan. 7.
- Clouse, William L., assignor to National Machinery Co., Tiffin, Ohio. Producing bolts and the like. 2,028,319; Jan. 21.
- Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Machine for making bolts and the like. 2,038,541; Apr. 28.
- Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Header. 2,038,543; Apr. 28.
- Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Machine for making bolts and the like. 2,043,093; June 2.
- Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Bolt making machine. 2,057,418; Oct. 13.
- Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Forming nuts and the like. 2,062,640; Dec. 1.
- Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Making nuts and the like. 2,062,641; Dec. 1.



- Cloutier, Arthur N. (See Lawson, R. H., and Cloutier.)  
 Cloutier, Arthur N. (See Lawson, R. H., Cloutier, and Hutton.)  
 Cluett, Peabody & Co. (See Cluett, Sanford L., assignor.)  
 Cluett, Peabody & Co. (See Fallar, J., and Richardson, assignors.)  
 Cluett, Peabody & Co. (See Madsen, L. P. G., and Wallin, assignors.)  
 Cluett, Sanford L., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Cloth finishing. 2,037,676; Apr. 14.  
 Clum Manufacturing Company. (See Pease, Frederick J., assignor.)  
 Clum Manufacturing Company. (See Winning, Robert K., assignor.)  
 Clurman, Will N., Philadelphia, Pa. Indicating the fluid content of a container. 2,027,417; Jan. 14.  
 Clute, Harry W., Irvington, N. Y. Push-pull link transmission. 2,045,261; June 23.  
 Clutts, Charles E. (See Edwards, P. G., and Clutts.)  
 Clutts, Joshua K., Detroit, Mich. Tuyère construction for cupolas. 2,047,949; July 21.  
 Clyde Iron Works. (See Berby, Ola L., assignor.)  
 Clymer, Emerson, Quakertown, Pa. Rate of flow gauge. 2,047,854; July 14.  
 Coakley, William E., Milwaukee, assignor to Pressed Steel Tank Company, West Allis, Wis. Beer barrel and making the same. 2,038,420; Apr. 21.  
 Coakley, William E., Milwaukee, assignor to Pressed Steel Tank Company, West Allis, Wis. Metal barrel. 2,058,665; Oct. 27.  
 Coakley, William E., assignor to Pressed Steel Tank Company, Milwaukee, Wis. Securing bushings to containers. 2,061,269; Nov. 17.  
 Coal Products Co. of Delaware. (See Vandegrift, J. N., and Postel, assignors.)  
 Coal Products Company of Delaware. (See Vandegrift, James N., assignor.)  
 Coal Products Company of Delaware. (See Vandegrift, J. N., and Postel and Linn, assignors.)  
 Coaltrin, Charles M., Noblesville, Ind. Burial casket. 2,052,882; Aug. 25.  
 Coanda, Henri, Clichy, France. Silencer for firearms, combustion engines, and the like. 2,046,017; June 30.  
 Coanda, Henri, Clichy, France. Device for deflecting a stream of elastic fluid projected into an elastic fluid. 2,052,869; Sept. 1.  
 Coatalen, Louis, Saint-Ouen, France. Liquid fuel admission valve for internal combustion engines. 2,037,619; Apr. 14.  
 Coates, Charles B., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Air-cooled motor. 2,055,337; Sept. 22.  
 Coates, Fielding C., assignor to Mole-Richardson, Inc., Los Angeles, Calif. Feeding mechanism for arc lamps. 2,051,824; Aug. 25.  
 Coates, Frank, Corydon, Iowa. Snow plow. 2,057,326; Oct. 13.  
 Coates, Harry E., Pasadena, Calif. Combined spacer and clamp for concrete forms. 2,046,674; July 7.  
 Coates, Herbert J. (See Davis, B., Ellis, and Coates.)  
 Coates, Herbert J., Erdington, Birmingham, and S. A. G. Emms, Leamington Spa, assignors to The General Electric Company Limited, London, England. Electric ship propulsion system. 2,056,645; Oct. 6.  
 Coates, Ray G., Pasadena, Calif. Hat holder. 2,053,699; Sept. 8.  
 Coates, William A. (See Juhlin, G. A., and Coates.)  
 Coats, Charles W. (See Tharp, James H., assignor.)  
 Cobb, Charles, Jr., Marshall, Tex. Brake shoe key. 2,058,952; Oct. 27.  
 Cobb, David F., Boston, Mass. Carrying case. 2,042,387; May 26.  
 Cobb, Harold E., Montgomery, Ohio, assignor to General Motors Corporation, Detroit, Mich. Circuit breaker. 2,032,115; Feb. 25.  
 Cobb, Henry Z., Providence, R. I., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Making molded articles. 2,032,869; Mar. 3.  
 Cobb, Henry Z., Providence, R. I., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Ball winding machine. 2,035,739; Mar. 31.  
 Cobb, Henry Z., Providence, and R. S. Francis, Rumford, R. I., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Spindle drive mechanism. 2,052,132; Aug. 25.  
 Cobb, J. L., Co. (See Cobb, Justin L., assignor.)  
 Cobb, Justin L., assignor to J. L. Cobb Co., Inc., Mansfield, Mass. Cravat holder. 2,060,040; Nov. 10.  
 Cobb, Leland D., Bristol, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Bearing and seal therefor. 2,044,380; June 16.  
 Cobb, Robert H. (See Warren, J. W., and Cobb.)  
 Cobb, Walter Y., Jacksonville, Fla. Nonrefillable container. 2,054,722; Sept. 15.  
 Cobbs, Ansalem O., Des Moines, Iowa. Certificate holder. 2,027,517; Jan. 14.  
 Cobbs, Ansalem O., Des Moines, Iowa. Map holding and displaying device for automotive vehicles. 2,048,105; July 21.  
 Cobel Company, The. (See Loeber, Edgar O., assignor.)  
 Coberly, Clarence J., Los Angeles, assignor to Kobe, Inc., Huntington Park, Calif. Cutting slots. 2,030,050; Feb. 11.  
 Coberly, Clarence J., Los Angeles, Calif., assignor to Kobe, Inc., Huntington Park, Calif. Method and equipment for pumping oil. 2,046,769; July 7.  
 Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Bleeder for deep well pumps. 2,053,602; Sept. 8.  
 Coberly, Clarence J., Los Angeles, assignor to Submersible Motor Pump Co., Ltd., Huntington Park, Calif. Method of and apparatus for reducing skin-friction losses in dynamo-electric machines. 2,055,480; Sept. 29.  
 Coberly, Clarence J., Los Angeles, assignor to Submersible Motorpump Co., Ltd., Huntington Park, Calif. Method of and apparatus for reducing skin-friction losses. 2,055,481; Sept. 29.  
 Coberly, Clarence J., assignor to Kobe, Inc., Huntington Park, Calif. Cutting torch tip with noncircular orifice. 2,033,568; Mar. 10.  
 Coberly, Clarence J., and R. G. Wulff, Los Angeles, Calif., said Wulff assignor of one-half of his right to said Coberly. Process of butt-welding. 2,040,240; May 12.  
 Coberly, Clarence J., Los Angeles, and E. M. Wagner, Southgate, Calif., assignor, by mesne assignments, to Roko Corporation, Reno, Nev. Filtering device. 2,046,770; July 7.  
 Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Method and apparatus for installing pumps in wells. 2,056,418; Oct. 6.  
 Cobert, Joseph K., Sherbrooke, Ontario, Canada. Sinkers head for knitting machines. 2,061,299; Nov. 17.  
 Coble, Lucian G., Greensboro, N. C. Dental instrument. 2,060,555; Nov. 10.  
 Coburn, Hayward H., Springfield, Pa., assignor to Hercules Powder Company, Wilmington, Del. Synthetic resin and method of producing. 2,047,004; July 7.  
 Coca-Cola Company. (See Smith, Jack, assignor.)  
 Coca Cola Company of Canada Limited. (See Copping, Bruce G., assignor.)  
 Cochran, John, San Francisco, Calif. Elevator. 2,060,753; Nov. 10.  
 Cochran, John D., San Francisco, Calif. Portable vehicle lift. 2,054,555; Sept. 15.  
 Cochran, Clyde E., assignor to The Elwell-Parker Electric Company, Cleveland, Ohio. Industrial truck. 2,052,697; Sept. 1.  
 Cochran, Robert T. (See Knox, W. H., Jr., and Cochran.)  
 Cochran Corporation. (See Rohlin, Victor A., assignor.)  
 Cochran Corporation. (See Rohlin, V. A., and Patterson, assignors.)  
 Cochran, John D., Jr., assignor to The Formica Insulation Company, Cincinnati, Ohio. Synthetic resin varnish and process. 2,038,345; Apr. 21.  
 Coci, Albert. (See Muzzo, R. C., and Coci.)  
 Cocke, Kenneth J. R., Rugby, England, assignor to General Electric Company. Pump or compressor. 2,064,648; Dec. 15.  
 Cocker, Wesley, J. S. H. Davies, and R. Hill, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of esters of methacrylic acid. 2,054,242; Sept. 15.  
 Cockerham, Albert S., West Memphis, Ark., assignor to Carver Cotton Gin Company, East Bridgewater, Mass. Textile apparatus. 2,059,849; Nov. 3.  
 Cockrell, Herbert C., Washington, D. C., and L. W. Cockrell, East Falls Church, Va. Building tile. 2,060,791; Nov. 17.  
 Cockrell, Llewellyn W. (See Cockrell, Herbert C., and Cockrell.)  
 Cockrell, William D., Schenectady, N. Y., assignor to General Electric Company. Photoelectric relay apparatus. 2,049,355; July 28.  
 Cockrill, Leonard O. (See Morris, D. C., and Cockrill.)  
 Cocks, Ambrose W., assignor of one-half to M. H. Schaffer, Des Moines, Iowa. Press chamber controlling means. 2,039,951; May 5.  
 Coco, Joseph P., Readsboro, Vt., assignor of one-half to S. Coco, Ozone Park, Long Island, N. Y. Clamping device. 2,052,870; Sept. 1.  
 Coco, Sara. (See Coco, Joseph P., assignor.)  
 Coddington, Edwin D., Milwaukee, Wis., assignor to Reynolds Corporation, New York, N. Y. Stud. 2,062,398; Dec. 1.  
 Coddington, Edwin D., Milwaukee, Wis., assignor to Reynolds Corporation, New York, N. Y. Joist. 2,062,399; Dec. 1.  
 Codere, Francis J., Montreal, Quebec, Canada. Packing and display merchandise container. 2,053,700; Sept. 8.  
 Coderre, Patrick E. E., Salisbury, Conn., assignor of one-half to C. P. Lent. Toy hand car. 2,052,447; Aug. 25.  
 Codeway Company, The. (See Pigman, Reed W., assignor.)  
 Codier, Oscar, Houston, assignor, by mesne assignments, to Bennett-Clark Co., Inc., San Antonio, Tex. Sweetening sour petroleum oil and the revivification of the sweetening agent. 2,042,056; May 26.  
 Codwise, Philip W., Kenmore, assignor to Certain-Teed Products Corporation, New York, N. Y. Insulating board. 2,041,696; May 26.  
 Coe, George B., Waterbury, Conn., assignor, by mesne assignments, to Tube Reducing Corporation, Wilmington, Del. Method and apparatus for shaping stock. 2,040,361; May 12.  
 Coe, Harrison S., Palo Alto, Calif. Apparatus and method for the regulation of operations in treatment of fluid materials. 2,037,761; Apr. 21.



- Coe, Herbert L., Steubenville, Ohio. Electric relay. 2,061,347; Nov. 17.
- Coe, James R., Watertown, assignor to The American Brass Company, Waterbury, Conn. Forming a composite tube. 2,032,685; Mar. 3.
- Coe, James R., Watertown, assignor to The American Brass Company, Waterbury, Conn. Apparatus for reducing metal stock. 2,062,559; Dec. 1.
- Coe Laboratories, Inc. (See Jacobson, Isadore M., assignor.)
- Coe Manufacturing Company, The. (See Vance, A. J., and Moore, assignors.)
- Coe, Maxwell A., assignor to The Stanley Works, New Britain, Conn. Collable measuring device. 2,038,099; Apr. 21.
- Coe, Mayne R., Washington, D. C. Preservation of rubber. 2,042,333; May 26.
- Coen, Joseph C., San Bernardino, Calif. Automatic speed changing device. 2,045,835; June 30.
- Coenning, Ernst, Berlin-Charlottenburg, Germany. Anti-skid device. 2,045,214; June 23.
- Coeur D'Alene Hardware & Foundry Company. (See Porter, Fred P., assignor.)
- Coffelder, Thomas N., Pittsburgh, Pa. Hair curling device. 2,031,760; Feb. 25.
- Coffelder, Thomas N., Pittsburgh, Pa. Drain valve for radiators. 2,051,635; Aug. 18.
- Coffelt, Oscar T., Jackson, Mich., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Titanium product and making same. 2,045,836; June 30.
- Coffelt, Robert A., Portland, Oreg. Paint removing device. 2,033,327; Mar. 10.
- Coffey, Douglas F. W., New York, N. Y., assignor to Win-nik Stereoscopic Processes, Incorporated, Wilmington, Del. Apparatus for making a composite stereograph. 2,063,985; Dec. 15.
- Coffey, Irven E., Playa Del Rey, Calif. Automatic auxiliary fuel supply for internal combustion engines. 2,030,745; Feb. 11.
- Coffey, Samuel, Crossland Moor, Huddersfield, M. Lapworth, Stockport, and W. A. Sexton, Gledholt, Huddersfield, England, assignors to Imperial Chemical Industries Limited. Azo dyes and their preparation. 2,041,697; May 26.
- Coffey, Samuel, and J. E. Schofield, Huddersfield, England, assignors to Imperial Chemical Industries Limited. Derivatives of urea. 2,027,150; Jan. 7.
- Coffey, Samuel, Huddersfield, and W. A. Sexton, Manchester, England, assignors to Imperial Chemical Industries Limited. Azo dyes and their preparation. 2,041,698; May 26.
- Coffey, Samuel, and J. E. Schofield, Huddersfield, England, assignors to Imperial Chemical Industries Limited. Para-para'-dinitro-diphenylureas and producing same. 2,056,255; Oct. 6.
- Coffing, Claude, et al. (See Miller, Irving, assignor.)
- Coffing, Frederick W., Danville, Ill. Power application transformation for chain hoists. 2,044,565; June 16.
- Coffman, Charles F. (See Coffman, James O., and C. F.)
- Coffman, James O., and C. F. Coffman, Sykesville, Pa. Aging liquors. 2,061,960; Nov. 24.
- Coffman, Lilly O. (See Coffman, Samuel M., assignor.)
- Coffman, Samuel M., assignor of one-third to L. O. Coffman, Kansas City, Mo. Safety brake for vehicles. 2,057,817; Oct. 20.
- Coffman, Samuel M., assignor of one-third to W. S. Harri-man, Kansas City, Mo. Magazine hammer. 2,057,818; Oct. 20.
- Cogdill, William F., Friona, Tex. Lister. 2,061,348; Nov. 17.
- Coggans, Joseph, Langside, Glasgow, Scotland. Device for use in the attachment of rubber heels to shoes. 2,056,037; Sept. 29.
- Coggeshall, Allan, trustees, et al. (See Richardson, Henry F., assignor.)
- Coghill, James T. (See Tolman, C. P., and Coghill.)
- Cogito, Joseph, and W. Ingrassia, Washington, D. C. Material handling machine. 2,042,388; May 26.
- Cogsdill Manufacturing Company. (See Cogsdill, Stuart A., assignor.)
- Cogsdill, Stuart A., assignor to Cogsdill Manufacturing Company, Inc., Detroit, Mich. Device for loading tools in holders. 2,040,978; May 19.
- Cohea, John R. (See Cohea, Wayne D. and J. R.)
- Cohea, Wayne D. and J. R. Frederick, Okla. Deep tillage subsoiler. 2,047,310; July 14.
- Cohen, Adolph, Brooklyn, N. Y. Doll. 2,040,201; May 12.
- Cohen, Alfred, Chicago, assignor to Lady Esther Company, Evanston, Ill. Sample shipping package. 2,061,139; Nov. 17.
- Cohen, Benno, assignor to Ferdinand Gutman & Co., Brooklyn, N. Y. Container closure. 2,058,214; Oct. 20.
- Cohen, Berry, Atlanta, Ga. Combined arm rest and protector device. 2,060,725; Nov. 10.
- Cohen, Ephraim, Baltimore, Md. Clip for garment hangers. 2,061,023; Nov. 17.
- Cohen, Harry, Montreal, Quebec, Canada. Tap washer. 2,027,859; Jan. 14.
- Cohen, Isaac, New York, assignor to E. C. Carpenter & Co., New York, N. Y. End clamp or holder for pipe coverings, coverings of boilers, and the like. 2,032,686; Mar. 3.
- Cohen, Isidor, Brooklyn, N. Y. Refrigerator door construction. 2,029,755; Feb. 4.
- Cohen, Jacob R., New York, N. Y. Ophthalmic instrument. 2,065,430; Dec. 22.
- Cohen, Joseph, New York, assignor of one-half to H. Ratner, Brooklyn, N. Y. Combination shirt boards, collar support, and envelope for laundered shirts. 2,060,497; Nov. 10.
- Cohen, Joseph H., Bridgeport, Conn. Cigar lighter. 2,035,864; Mar. 31.
- Cohen, Joseph H., Bridgeport, Conn. Cigar lighter. 2,037,882; Apr. 21.
- Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 2,050,981; Aug. 11.
- Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Combined windshield heater and defroster. 2,052,527; Aug. 25.
- Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Splash guard for vehicle wheel fenders. 2,054,361; Sept. 15.
- Cohen, Joseph H., assignor to Casco products Corporation, Bridgeport, Conn. Cigar lighter heating element. 2,062,701; Dec. 1.
- Cohen, Louis, Washington, D. C. Radio signaling. 2,055,375; Sept. 22.
- Cohen, Louis Jr., Pittsburgh, Pa. Mattress cover. 2,066,252; Dec. 29.
- Cohen, Morris, Kearney, N. J. Garment holder. 2,060,459; Nov. 10.
- Cohen, Moses. (See McSwain, William H., assignor.)
- Cohen, Ralph, assignor to Perfection Steel Body Company, Galion, Ohio. Burial vault. 2,056,419; Oct. 6.
- Cohen, Samuel, Seattle, Wash. Waist belt adjusting means. 2,049,414; Aug. 4.
- Cohen, Samuel, Brooklyn, assignor to General Instrument Corporation, New York, N. Y. Variable condenser and trimmer therefor. 2,063,986; Dec. 15.
- Cohen, Samuel I. (See Marinsky, Isaac, assignor.)
- Cohen, Sidney. (See Weinberg, Morris, assignor.)
- Cohn, Aaron, Philadelphia, Pa. Duct. 2,039,886; May 5.
- Cohn, Adolph H., assignor to Du-Tone Ribbon Corp., New York, N. Y. Ornamental product. 2,033,113; Mar. 10.
- Cohn, Benno, assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Making bottle closures. 2,059,554; Nov. 3.
- Cohn, Carl. (See Gören, Georg, assignor.)
- Cohn, Henry, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge tube. 2,042,506; June 2.
- Cohn, Henryk, and C. Siebert, Berlin, Germany. Metallo-albumin-tannin compounds. 2,035,145; Mar. 24.
- Cohn, Herman, Baltimore, Md. Shirt holder. 2,036,743; Apr. 7.
- Cohn, Hugo, assignor to Radio Receptor Co. Inc., New York, N. Y. Transmission system. 2,042,652; June 2.
- Cohn, Irwin E., and W. E. Tait, New York, assignors to Irwin Novelty Co., Inc., New York, N. Y. Film splicing device. 2,064,414; Dec. 15.
- Cohn, Leo, Los Angeles, Calif. Change receiver and advertising device. 2,028,591; Jan. 21.
- Cohn, Martin, Berlin-Friedenau, assignor to firm M. Neufeld & Co., Berlin, Germany. Producing a soya flour with changed flavor and the product thereof. 2,052,215; Aug. 25.
- Cohn, Milton, New York, N. Y. Dyeing sponges. 2,056,166; Oct. 6.
- Cohn & Rosenberger, Inc. (See Marcher, Royal, assignor.)
- Cohn & Rosenberger, Inc. (See Placco, Oscar F., assignor.)
- Cohn, Samuel, assignor to Samcoe Holding Corporation, New York, N. Y. Treating fabrics. 2,045,755; June 30.
- Cohn, Samuel, assignor to Samcoe Holding Corporation, New York, N. Y. Fabric treating process. 2,060,661; Nov. 10.
- Cohn, Samuel, assignor to Samcoe Holding Corporation, New York, N. Y. Fabric. 2,060,664; Nov. 10.
- Cohn, Sigmund. (See Lang, H. M., and Rosenbaum, assignors.)
- Cohn, Sigmund, New York, N. Y., assignor to Baker & Company, Inc., Newark, N. J. Electrodeposition of rhodium. 2,057,475; Oct. 13.
- Cohn, Sigmund, New York, N. Y., assignor to Baker & Company, Inc., Newark, N. J. Electrodeposition of rhodium. 2,057,476; Oct. 13.
- Cohrt, A. C., et al. (See Lier, Robert P., assignor.)
- Coiffu, Pierre, assignor to Societe des Ciments Francais et des Portland de Boulogne-sur-Mer et Compagnie des Portland de Desvres, Paris, France. Manufacture of cement. 2,061,140; Nov. 17.
- Coil, Grover C., Dayton, assignor, by mesne assignments, to Central United National Bank, Cleveland, Ohio. Taximeter. 2,034,389; Mar. 17.
- Coil, Grover C., Dayton, assignor, by mesne assignments, to Central United National Bank, as trustee, Cleveland, Ohio. Full stroke mechanism. 2,048,106; July 21.
- Coil, Grover C., Dayton, assignor, by mesne assignments, to Central United National Bank, Cleveland, Ohio, as trustee. Electrically operated flag shaft throwing mechanism. 2,062,558; Dec. 1.
- Colth, Herbert S. (See Votaw, V. M., and Colth.)
- Colth, Herbert S., and V. M. Votaw, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Cooking fat and making same. 2,061,122; Nov. 17.



- Coker, John B., et al. (See Linthicum, Everett C., assignor.)
- Col, Jean J., New York, N. Y. Awning support. 2,050,159; Aug. 4.
- Colaert, Daniel D. J. C. C., Hazebrouck, France. Device for manufacturing elastic joints. 2,052,448; Aug. 25.
- Colanduoni, Alvin, Somerville, N. J. Automatic generator regulator. 2,036,516; Apr. 7.
- Colbert, Arthur, Santa Monica, Calif. Sewing machine material guide. 2,027,472; Jan. 14.
- Colbert, William H., Brackenridge, Pa., assignor to Liberty Mirror Works. Rear view mirror. 2,029,911; Feb. 4.
- Colbeth, Ivor M., Belleville, N. J., assignor to The Baker Castor Oil Company, New York, N. Y. Breaking petroleum emulsions. 2,058,568; Oct. 27.
- Colbeth, Ivor M., East Orange, N. J., assignor to Baker Castor Oil Company, New York, N. Y. Separating petroleum emulsions. 2,058,569; Oct. 27.
- Colbeth, Ivor M., East Orange, N. J., assignor to Baker Castor Oil Company, New York, N. Y. Separating petroleum emulsions. 2,058,570; Oct. 27.
- Colbourn, James P., New York, N. Y. Cooking utensil with removable immersible electrical heating unit. 2,059,995; Nov. 3.
- Colbridge, Thomas A., Detroit, Mich. Chair attachment. 2,056,957; Oct. 13.
- Colburn, Beal E., Green Bay, Wis., assignor to Paper Dispensers, Inc., Chicago, Ill. Paper dispenser. 2,047,255; July 14.
- Colby, Clyde W., Holyoke, Mass., assignor to General Electric Company. Multiple boiler furnace steam plant. 2,053,131; Sept. 1.
- Colby, Edward A., Maplewood, N. J., assignor to Baker & Company, Inc. Pertused catalyzer. 2,045,632; June 30.
- Colby, F. C. (See Brown, Arthur G., assignor.)
- Colby, Haldwell S., Port Washington, N. Y., and R. F. O'Mara, assignors to Raymond Bros. Impact Pulverizer Co., Chicago, Ill. System for sludge disposal. 2,032,402; Mar. 3.
- Colby, Haldwell S., Port Washington, N. Y. Integral fan and fan housing. 2,038,417; Apr. 21.
- Colby, Harold L., Milton, assignor to C. W. McConnel, E. Macleod and F. A. Morrison, Trustees, doing business as Mason-Nellan-Regulator Company, Boston, Mass. Control mechanism. 2,056,420; Oct. 6.
- Colby, Joseph M., U. S. Army, Watertown, Mass. Track for the wheels of vehicles. 2,043,233; June 9.
- Colby, Joseph M., U. S. Army, Watertown, Mass. Track for the wheels of vehicles. 2,043,234; June 9.
- Colby, Joseph M., U. S. Army, Watertown, Mass. Track for the wheels of vehicles. 2,043,235; June 9.
- Colby, Ora A., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vertical type boiler heater. 2,053,423; Sept. 8.
- Colclough, William, assignor to The American Laundry Machinery Company, Norwood, Ohio. Foot power press. 2,055,250; Sept. 22.
- Cold Metal Process Company, The. (See Montgomery, Alonzo B., assignor.)
- Coldwater Instrument Works, et al. (See Leatherman, Clarence M., assignor.)
- Coldwell, John S., assignor to Globe-Union Mfg. Co., Milwaukee, Wis. Pasting machine. 2,058,134; Oct. 20.
- Cole, Amos G. (See Reichert, J. S., and Cole.)
- Cole, Amos G., Burnham, Pa. Composite locomotive driving wheel. 2,028,646; Jan. 21.
- Cole, Arthur E., Grosse Pointe, Mich. Refrigeration ice tray. 2,028,047; Jan. 14.
- Cole, Clarence W., Los Angeles, Calif. Light baffling screen. 2,028,499; Jan. 21.
- Cole, Dale S. (See Leece, B. M., and Cole.)
- Cole, Dale S., Cleveland Heights, assignor, by mesne assignments, to The Leece-Neville Company, Cleveland, Ohio. Electric generating system. 2,040,468; May 12.
- Cole, Dale S., Cleveland Heights, and L. S. Speth, assignors to The Leece-Neville Company, Cleveland, Ohio. Electric generating system. 2,040,469; May 12.
- Cole, Dale S., Cleveland Heights, and L. S. Speth, assignors to The Leece-Neville Company, Cleveland, Ohio. Electric generating system and apparatus. 2,040,470; May 12.
- Cole, Dale S., Cleveland Heights, Ohio. Tire indicating means and method. 2,057,556; Oct. 13.
- Cole, Don. (See Chandler, M. E., and Cole.)
- Cole, Frank O., assignor to The Timken Silent Automatic Company, Detroit, Mich. Ignition apparatus for fluid fuel burners. 2,051,130; Aug. 18.
- Cole, Fred H. (See Alsaker, A., and Cole.)
- Cole, Fred H., Oak Park, assignor to The Delta-Star Electric Company, Chicago, Ill. Switch operating mechanism. 2,041,902; May 26.
- Cole, Fred H., Glendale, Calif., assignor to The Delta-Star Electric Company, Chicago, Ill. Switch operating mechanism. 2,041,903; May 26.
- Cole, Fred H., Oak Park, and M. Skau, assignors to The Delta-Star Electric Company, Chicago, Ill. Oil circuit breaker control mechanism. 2,051,244; Aug. 18.
- Cole, George H., Lakeland, Fla. Paper stacking clamp. 2,030,353; Feb. 11.
- Cole, George H., Evans City, Pa. Steering indicator. 2,048,429; July 21.
- Cole, Harry C., Philadelphia, Pa. Spraying machine. 2,046,149; June 30.
- Cole, Harry C., Natick, Mass. Windshield heater. 2,064,055; Dec. 15.
- Cole, Harry H., Eagle River, assignor of three-fourths to A. H. Meyer, Oshkosh, Wis. Identification camera and control system therefor. 2,051,519; Aug. 18.
- Cole, John E. (See Lubs, H. A., and Cole.)
- Cole, John E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing aryl-mercaptans and derivatives thereof. 2,034,459; Mar. 17.
- Cole, John E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluorine containing vat dyes. 2,061,186; Nov. 17.
- Cole, John M., et al. (See Calafati, Salvator S., assignor.)
- Cole, Percy J., Philadelphia, Pa., assignor to The Barrett Company, New York, N. Y. Pickling compound and method of making and using same. 2,037,762; Apr. 21.
- Cole, Raymond A., assignor to Norton Company, Worcester, Mass. Automatically controlled abrading machine. 2,033,922; Mar. 17.
- Cole, Raymond A., assignor to Norton Company, Worcester, Mass. Hydraulically operated steadyrest. 2,041,166; May 19.
- Cole, Raymond W., Cranford, N. J., assignor to Cordley & Hayes, New York, N. Y. Cooler. 2,045,440; June 23.
- Cole, Samuel L., assignor to Aerovox Corporation, Brooklyn, N. Y. Electrolytic condenser. 2,058,773; Oct. 27.
- Colegrove, Charles E., Lakewood, and J. A. Antel, Cleveland, Ohio. Sewing machine. 2,034,506; Mar. 17.
- Colegrove, Charles E., Lakewood, and C. J. Dorer, Cleveland, Ohio. Sewing machine. 2,056,829; Oct. 6.
- Colegrove, James E., Pyote, Tex. Ice cream making pan. 2,054,739; Sept. 15.
- Coleman, Alfred E., Corvallis, Oreg. Finger ring. 2,029,464; Feb. 4.
- Coleman, Clarence E. (See Charch, W. H., and Coleman.)
- Coleman, David. (See Scalise, O., and Coleman.)
- Coleman, Edmund A., New York, N. Y. Watch adapter. 2,065,657; Dec. 29.
- Coleman, Francis H. (See Coleman, J. H. and F. H.)
- Coleman, Gerald H. (See Britton, E. C., and Coleman, assignors.)
- Coleman, Gerald H., and G. W. Warren, assignors to The Dow Chemical Company, Midland, Mich. Separation of tertiary butyl alcohol. 2,033,684; Mar. 10.
- Coleman, Gerald H., and G. V. Moore, assignors to The Dow Chemical Company, Midland, Mich. Preparation of polyglycols. 2,056,830; Oct. 6.
- Coleman, Henry J. (See Mason, W. T., and Coleman.)
- Coleman, James D. (See Malm, C. J., and Coleman.)
- Coleman, James D., Jr., and H. B. Smith, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose organic ester composition containing the ethyl ether of ethylene glycol mono-iso-caproate. 2,053,515; Sept. 8.
- Coleman, John H., Elizabeth, N. J., assignor to The Warner Chemical Company, New York, N. Y. Making sodium phosphates. 2,062,866; Dec. 1.
- Coleman, John H., Elizabeth, N. J., and F. H. Coleman, Blairsville, Pa. Producing metal phosphates. 2,063,029; Dec. 8.
- Coleman, John W. B., Round Lake, N. Y. Garment press. 2,058,953; Oct. 27.
- Coleman Lamp and Stove Company, The. (See Coleman, William C., assignor.)
- Coleman Lamp and Stove Company, The. (See Tullis, Boyd W., assignor.)
- Coleman, Louis, Park Ridge, N. J. Beer cooling apparatus. 2,049,155; July 28.
- Coleman, Murray N., Los Altos, Calif. Manufacture of carbon dioxide from limestone. 2,036,517; Apr. 7.
- Coleman, Nelson R., Asheville, assignor to Sayles Biltmore Bleacheries, Inc., Biltmore, N. C. Automatic cut-off for cloth batchers. 2,030,684; Feb. 11.
- Coleman, Orville K., Mineola, N. Y., assignor to The Rattan Manufacturing Company, New Haven, Conn. Watertight box connector. 2,055,622; Sept. 29.
- Coleman, Philip A., et al. (See Larkin, William J., Jr., assignor.)
- Coleman, Richard L., and K. Smith, Jr., West Hartford, Conn. Dental alloy. 2,050,040; Aug. 4.
- Coleman, Robert H., Thomasville, N. C., assignor of one-fourth to Ragan Knitting Company and one-fourth to Maurice Mills Company, Inc., Thomasville, N. C. Knitting apparatus and method. 2,062,208; Nov. 24.
- Coleman, Spencer A. (See Brown, R. L., Walters, Brickett, and Coleman.)
- Coleman, Stanton B., Rutledge, Pa. Saw. 2,035,262; Mar. 24.
- Coleman, William C., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Coffee maker. 2,047,134; July 7.
- Coleman, William C., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Beverage maker. 2,047,135; July 7.
- Coleman, William C., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Storage beverage urn. 2,047,164; July 7.
- Coleman, William C., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Coffee making device. 2,047,172; July 14.
- Coleman, William L., Fort Worth, Tex. Railroad signal. 2,061,349; Nov. 17.



- Coles, Walter H., and B. J. Nelson, Troy, assignors of one-half to The Skinner Irrigation Company, Troy, Ohio, and one-half to W. A. Buckner, Fresno, Calif. Irrigation device. 2,033,880; Mar. 10.
- Coles, Walter H., and B. J. Nelson, assignors to The Skinner Irrigation Company, Troy, Ohio. Irrigation device. 2,034,607; Mar. 17.
- Coles, Walter V., Manchester, and G. W. Riley, London, assignors to Peter Spence & Sons Limited, Manchester, and George Scott & Son London Limited, London, England. Method and apparatus for drying solid sub-divided materials. 2,063,792; Dec. 8.
- Colgate, Samuel B., Orange, N. J. Television in color. 2,065,887; Dec. 29.
- Colgin, Rufus A., assignor to W. C. Norris, Tulsa, Okla. Swing for rodlines to pump jacks. 2,033,756; Mar. 10.
- Colla, Esteban, and U. Cassina, Buenos Aires, Argentina. Gasifying apparatus for heavy fuels. 2,057,937; Oct. 20.
- Colla, Peter. (See Colla, Thomas, and P.)
- Colla, Thomas and P., Merced, Calif. Signal. 2,055,402; Sept. 22.
- Collard, Henry A., Windsor, Vt. Fuel tank closing cap. 2,037,499; Apr. 14.
- Collaud, Charles. (See Kretschmar, G., and Collaud.)
- Collegiate Mfg. Co. (See Smutny, Theodore J., assignor.)
- Collens, Campbell W., New Orleans, La. Citrus fruit knife and seed extractor. 2,051,680; Aug. 18.
- Colleran, Joseph W., assignor of forty-five per cent to B. Michaelson, Annapolis, Md. Cleaning cloth and producing same. 2,051,435; Aug. 18.
- Collette, Antoinette D., Winnetka, Ill. Table covering. 2,029,856; Feb. 4.
- Collette Manufacturing Company, The. (See Heck, Albert F., assignor.)
- Collette Manufacturing Company. (See Robinson, Eli A., assignor.)
- Colletti, Joseph J., Saranac Lake, N. Y. Waterproof purse. 2,039,887; May 5.
- Colliander, Carl E. H., assignor to Lorgnettes, Inc., Providence, R. I. Ophthalmic mounting. 2,051,542; Aug. 18.
- Colliander, Carl E. H., assignor to Lorgnettes, Inc., Providence, R. I. Ophthalmic mounting. 2,051,543; Aug. 18.
- Colliander, Carl E. H., assignor to Lorgnettes, Inc., Providence, R. I. Ophthalmic mounting. 2,051,544; Aug. 18.
- Collier, Barron. (See Ashe, Marselius T., assignor.)
- Collier, Bryan E. (See Hodgins, William R., assignor.)
- Collier, Frederick W., Boston, assignor to General Heating Equipment Company, Lynn, Mass. Heat distributing device. 2,036,961; Apr. 7.
- Collier, Isham F. (See Allison, J. J., and Collier.)
- Collier, Simon, Waukegan, Ill., assignor to Johns-Manville Corporation, New York, N. Y. Article of manufacture and making the same. 2,033,923; Mar. 17.
- Colliery Engineering Limited. (See Needham, Leonard W., assignor.)
- Colligan, Francis X., assignor to The Texas Company, New York, N. Y. Marking petroleum products. 2,058,774; Oct. 27.
- Collin & Co. (See Schaefer, Josef, assignor.)
- Collingbourne, Albert B., Elgin, Ill. Guide for making lace and the like. 2,061,612; Nov. 24.
- Collingbourne, Albert B., Elgin, Ill. Weaving device. 2,063,726; Dec. 8.
- Collins & Aikman Corporation. (See Bird, Whitworth F., assignor.)
- Collins & Aikman Corporation. (See Costello, Joseph P., assignor.)
- Collins & Aikman Corporation. (See Curtis, Melville G., assignor.)
- Collins & Aikman Corporation. (See Drobile, A. W., and Hiers, assignors.)
- Collins & Aikman Corporation. (See Hiers, Glen S., assignor.)
- Collins & Aikman Corporation. (See Kaufman, Frank M., assignor.)
- Collins, Arnold M. (See Carothers, W. H., Collins, and Kirby.)
- Collins, Arthur E., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for shirring rubber articles. 2,029,359; Feb. 4.
- Collins, Arthur L., Berkeley, Calif. Differential pressure system for pipe flows. 2,057,767; Oct. 20.
- Collins, Benjamin W., Swarthmore, E. S. Kennedy, Norristown, and G. M. Allen, Moylan, assignors to The Viscose Company, Marcus Hook, Pa. Skein cover and process employing the same. 2,053,985; Sept. 8.
- Collins, Benjamin W., Swarthmore, assignor to The Viscose Company, Marcus Hook, Pa. Apparatus for purification of caustic hydroxide. 2,061,505; Nov. 17.
- Collins Brothers Machine Company. (See Collins, William W., assignor.)
- Collins, David J., Collinsville, Bowen Coalfield, Queensland, Australia. Lock nut. 2,044,667; June 16.
- Collins, Douglas, Salisbury, N. C. Electric starting motor. 2,059,624; Nov. 3.
- Collins, Edgar V., assignor to Iowa State College Alumni Association, Incorporated, Ames, Iowa. Soil moving machine. 2,063,584; Dec. 8.
- Collins, Frank C., Minneapolis, Minn. Badge. 2,035,789; Mar. 31.
- Collins, Harold E., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Belt. 2,064,781; Dec. 15.
- Collins, Harold F., assignor to H. D. Colman, Rockford, Ill. Sliding door. 2,039,296; May 5.
- Collins, Harold F., assignor to H. D. Colman, Rockford, Ill. Overhead door. 2,040,080; May 12.
- Collins, Harry R., Allentown, Pa., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Pulverizer. 2,066,139; Dec. 29.
- Collins, Henry E., Dunmore, Pa. Holder for snelled fishing hooks. 2,041,231; May 19.
- Collins, Henry E., Dunmore, Pa. Holder for snelled fishing hooks. 2,041,232; May 19.
- Collins, Henry H., Bryn Mawr, Pa. Utility plate. 2,032,835; Mar. 3.
- Collins, James M., North Attleboro, Mass. Key holder. 2,048,599; July 21.
- Collins, Jeffrey N. (See Twombly, Willard O., assignor.)
- Collins, Joel L., assignor to Industrial Patents Corporation, Chicago, Ill. 2,034,747; Mar. 24.
- Collins, John N. (See Norton, B., and Collins.)
- Collins, Joseph F., Philadelphia, Pa. Signaling device. 2,048,997; July 28.
- Collins, Joseph L. (See Robinson, P., and Collins.)
- Collins, Leo F., Seattle, Wash. Hydraulic precision lathe. 2,048,107; July 21.
- Collins, Milford E., Collingswood, N. J., assignor to Radio Corporation of America. Sound recorder. 2,066,140; Dec. 29.
- Collins, Paul F., assignor to The Columbus Dental Manufacturing Company, Columbus, Ohio. Granular material package and producing the same. 2,046,366; July 7.
- Collins, Paul F., assignor to The Columbus Dental Manufacturing Company, Columbus, Ohio. Packing homogeneous mixtures of pulverized heterogeneous materials. 2,046,367; July 7.
- Collins, Ralph D., Los Angeles, and S. F. Crane, Long Beach, Calif., assignors to Associated Telephone Utilities Company, Chicago, Ill. Pay telephone station. 2,037,157; Apr. 14.
- Collins, Ralph D., W. M. Reid, and S. E. Bourne, Los Angeles, Calif., assignors to Associated Telephone Utilities Company, Chicago, Ill. Pay station coin collecting system. 2,039,519; May 5.
- Collins, Raymond R., Forest Hills, assignor to The Lummus Company, New York, N. Y. Contact apparatus. 2,051,545; Aug. 18.
- Collins, Richard L., San Francisco, Calif. Fuel injector apparatus. 2,041,167; May 19.
- Collins Supply & Equipment Company. (See Munson, Willard T., assignor.)
- Collins, Thomas S., Akron, Ohio. Milk bottle safe. 2,038,346; Apr. 21.
- Collins, Virgil D., Colwick, N. J. Tuning arrangement for radio receiving sets. 2,028,137; Jan. 21.
- Collins, William D., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Evaporator for refrigerating apparatus. 2,042,507; June 2.
- Collins, William D., North Seekonk, Mass., assignor to Collins Brothers Machine Company, Pawtucket, R. I. Stop motion. 2,047,547; July 14.
- Collins, William G., Wichita Falls, Tex. Hose coupling connection. 2,038,477; Apr. 21.
- Collinson, Edward W., assignor to Beech's Chocolates Limited, Preston, England. Sweetmeat. 2,056,122; Sept. 29.
- Colliot, Jules H., Paris, France. Flushing apparatus. 2,028,193; Jan. 21.
- Collis Company, The. (See Hatcher, Glenn, assignor.)
- Collison, Edward E., Chicago, and C. R. Kirk, Oak Park, assignors, by mesne assignments, to Exhibit Supply Company, Chicago, Ill. Vending machine. 2,057,880; Oct. 20.
- Collison, Edward E. (See Kirk, C. R., and Collison.)
- Collom, Samuel H., assignor to Pennsylvania Flexible Metallic Tubing Company, Philadelphia, Pa. Flexible conduit. 2,056,840; Oct. 6.
- Collum, Samuel J., Philadelphia, Pa. Rotary engine. 2,062,446; Dec. 1.
- Collyear, John R., Leverno, Bushey, assignor of one-half to T. G. Baxenden, Watford, England. Freewheel driving mechanism. 2,044,420; June 16.
- Colman, Ben, Detroit, Mich., assignor to The Worth Company. Car loading device. 2,064,415; Dec. 15.
- Colman, Howard D. (See Anderson, Gottfried T., assignor.)
- Colman, Howard D. (See Collins Harold F., assignor.)
- Colman, Howard D. (See Cummings, Preston W., assignor.)
- Colman, Howard D. (See Drake, George F., assignor.)
- Colman, Howard D. (See Lilja, Edgar D., assignor.)
- Colman, Howard J. (See Stewart, Duncan J., assignor.)
- Colmar, Robert I., Port Neches, Tex., assignor to The Texas Company, New York, N. Y. Plastic composition. 2,042,038; May 26.
- Colmorgen, George, Perry, Ohio. Wheelbarrow. 2,035,535; Mar. 31.
- Colognori, Aldo, Guttenberg, N. J., and L. Werkstell, Brooklyn, N. Y. Wrench. 2,047,548; July 14.
- Colomb, Henri, Tavannes, Switzerland. Watch movement for fancy watches. 2,029,559; Feb. 4.
- Colonial Bead Co. Inc. (See Bernstiel, E., and Schaller, assignors.)



- Colonial Broach Company. (See Halborg, Carl J., assignor.)
- Colonial Broach Company. (See Hart, William A., assignor.)
- Colonial Broach Company. (See Nilsson, Axel L., assignor.)
- Colonial Radio Corporation. (See Cutting, Fulton, assignor.)
- Colonial Trust Company, The, executors, et al. (See Summey, David L.)
- Colorado Fuel and Iron Company, The. (See Frantz, Philip M., assignor.)
- Colorado Fuel and Iron Corporation, The. (See Stuart, Kenneth B., assignor.)
- Colorflex Corporation. (See Cooper, Roy L., assignor.)
- Colourgravure Limited. (See Hillman, Albert G., assignor.)
- Colson, Eric G., New York, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Refinishing ball bearings. 2,034,507; Mar. 17.
- Colson, Eric G., New York, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Silver faced slip ring. 2,037,457; Apr. 14.
- Colt, Samuel S., Orange, N. J. Form attaching supporting means. 2,028,647; Jan. 21.
- Colt, Samuel S., Orange, N. J. Form support. 2,037,965; Apr. 21.
- Colt, Samuel S., Orange, N. J. Form retaining means. 2,044,833; June 23.
- Colton, Arthur, Company. (See Kath, Alfred W., assignor.)
- Colton, Deane W. (See Everett, G. I., and Colton.)
- Colton, Maxwell B., New York, N. Y. Liquid dispensing machine. 2,044,153; June 16.
- Coltrane, Fermor N. (See Garcia, Anselmo, assignor.)
- Colt's Patent Fire Arms Manufacturing Co. (See Conner, Benjamin F., assignor.)
- Colt's Patent Fire Arms Manufacturing Co. (See Conner, B. F. and Schmalz, assignors.)
- Colt's Patent Fire Arms Manufacturing Co. (See Moore, Frederick T., assignor.)
- Colt's Patent Fire Arms Manufacturing Co. (See Moore, F. T., and Tansley, assignors.)
- Colt's Patent Fire Arms Manufacturing Co. (See Schmalz, William F., assignor.)
- Colt's Patent Fire Arms Manufacturing Co. (See Teller, Spencer J., assignor.)
- Colt's Patent Fire Arms Manufacturing Co. (See Webb, George, assignor.)
- Columbia Appliance Corporation. (See Passar, Vincent, assignor.)
- Columbia Mills, Inc., The. (See Burns, Fred J., assignor.)
- Columbia Mills, Inc., The. (See Zingg, William W., assignor.)
- Columbia Phonograph Company. (See Davis, J. B., and Simpson, assignors.)
- Columbia Plush & Puff Co. Inc. (See Shapiro, Lillian, assignor.)
- Columbia Ribbon & Carbon Manufacturing Company. (See Moore, Robson S., assignor.)
- Columbian Carbon Company. (See Glaxner, Herman J., assignor.)
- Columbian Rope Company. (See Bowen, Kenneth H., assignor.)
- Columbian Rope Company. (See Dodge, Milo C., assignor.)
- Columbian Rope Company. (See Koon, Archie W., assignor.)
- Columbian Rope Company. (See Reber, James B., assignor.)
- Columbian Rope Company. (See Reed, Leslie D., assignor.)
- Columbian Rope Company. (See Strong, Allen K., assignor.)
- Columbus Dental Manufacturing Company, The. (See Collins, Paul F., assignor.)
- Columbus McKinnon Chain Company. (See Stahl, Frank E., assignor.)
- Columbus McKinnon Chain Corporation. (See Stahl, Frank E., assignor.)
- Columbus McKinnon Chain Corporation. (See Stahl, F. E., and Kieffer, assignor.)
- Columbus McKinnon Chain Corporation. (See Stahl, F. E., and Waterstrat, assignors.)
- Columbus Metal Products Inc. (See Yerges, Howard F., assignor.)
- Columbus Spindle Co. Inc. (See Colvin, Charles H., assignor.)
- Colville, Hugh C., Montclair, N. J. Post, column, pier and the like, of plastic materials and their molds. 2,058,135; Oct. 20.
- Colville, Robert T., Chelsea, Victoria, Australia. Rotary multicolor printing machine. 2,054,215; Sept. 15.
- Colvin, Charles H., Morris Township, Morris County, N. J. Calendar. 2,036,398; Apr. 7.
- Colvin, Charles H., Morris Township, Morris County, N. J. Magnetic compensator. 2,048,920; July 28.
- Colvin, Charles H., Morristown, N. J., assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Pitot-static tube. 2,042,700; June 2.
- Colvin, Charles H., Morristown, assignor to Columbus Spindle Co. Inc., Union City, N. J. Spindle for twisting, spinning, and winding machines or the like. 2,061,187; Nov. 17.
- Colvin, Harry B. (See Smith, Clyde, assignor.)
- Colvin, Henry F., South Orange, N. J. Tube sprayer. 2,050,246; Aug. 11.
- Colvin, Henry F., South Orange, N. J. Applicator. 2,065,795; Dec. 29.
- Colwell, Archie T., assignor to Thompson Products Incorporated, Cleveland, Ohio. Making hollow head valves. 2,030,500; Feb. 11.
- Colwell, Archie T., assignor to Thompson Products Incorporated, Cleveland, Ohio. Valve mechanism. 2,052,279; Aug. 25.
- Colwell, Archie T., and A. Townhill, assignors to Thompson Products, Inc., Cleveland, Ohio. Seal for bearings. 2,034,227; Mar. 17.
- Colwell, Archie T., assignor to Thompson Products Incorporated, Cleveland, Ohio. Valve spring retainer lock. 2,065,794; Dec. 29.
- Colwill, Richard P., Omaha, Nebr. Clinker extractor. 2,059,439; Nov. 3.
- Colwin, Martin B., New York, N. Y., and J. Sauerland, West New York, N. J., assignors to Hardman, Peck & Company, New York, N. Y. Cabinet piano. 2,058,001; Oct. 20.
- Comay, Salmen, assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Refining of hydrocarbon oils. 2,045,262; June 23.
- Combustion Engineering Company. (See Jackson, George P., assignor.)
- Combustion Engineering Company. (See Kruse, John R., assignor.)
- Combustion Engineering Company. (See Schrenk, Louis J., assignor.)
- Combustion Engineering Company. (See Skelly, John S., assignor.)
- Combustion Engineering Co. Inc. (See Wood, Wilfred R., assignor.)
- Combustion Utilities Corporation. (See Johnson, Alfred, assignor.)
- Combustion Utilities Corporation. (See Wilgus, Harold M., assignor.)
- Combustioneer, Inc. (See Burton, Warren D., assignor.)
- Comeau, Melburn A., Bradford, Mass. Cutter. 2,048,058; July 21.
- Comerford, M. B., et al. (See Mueller, Frank, assignor.)
- Comey, Paul Van A., assignor to R. H. Comey Brooklyn Company, Inc., Brooklyn, N. Y. Continuous bleaching process. 2,037,119; Apr. 14.
- Comey, R. H., Brooklyn Company. (See Comey, Paul Van A., assignor.)
- Cominsky, Samuel, assignor to Efcolite Corporation, Trenton, N. J. Cocktail shaker. 2,030,834; Feb. 11.
- Commerce Guardian Bank, The, Trustee. (See Hallerberg, Theodore W., assignor.)
- Commerce, Secretary of. (See Storch, H. H., and Fragen, assignors.)
- Commercial Filters Corporation. (See Goldman, Maurice A., assignor.)
- Commercial Shearing & Stamping Company, The. (See Cushman, Charles B., assignor.)
- Commercial Solvents Corporation. (See Arzberger, Cornelius F., assignor.)
- Commercial Solvents Corporation. (See Bannister, William J., assignor.)
- Commercial Solvents Corporation. (See Bogin, C., and Kelly, assignor.)
- Commercial Solvents Corporation. (See Legg, David A., assignor.)
- Commercial Solvents Corporation. (See Legg, D. A., and Stiles, assignors.)
- Commercial Solvents Corporation. (See Swallen Lloyd C., assignor.)
- Commodore Heaters Corporation. (See Ehrlich, Morris W., assignor.)
- Communication Patents, Inc. (See Gillespie, Henderson C., assignor.)
- Communication Patents Inc. (See Macapline, William W., assignor.)
- Communication Patents, Inc. (See Nicolson, Alexander M., assignor.)
- Comons, Stanley, Winnipeg, Manitoba, Canada. Playing bar for Hawaiian steel guitars. 2,030,241; Feb. 11.
- "Compagnie Belge d'Accumulateurs dite Cebea" societe anonyme. (See Wuillot, Marcel V., assignor.)
- Compagnie de Produits Chimiques et Electrometallurgiques, Alais, Froges et Camargue. (See Dobry, Alma, assignor.)
- Compagnie de Produits Chimiques et Electro-Metallurgiques Alais, Froges et Camargue. (See Gadeau, Robert A., assignor.)
- "Compagnie de Produits Chimiques et Electrometallurgiques Alais, Froges et Camargue." (See Guyot, Alfred, assignor.)
- Compagnie de Produits Chimiques et Electrometallurgiques Alais, Froges et Camargue. (See Torchet, Pierre J. M., assignor.)
- Compagnie des Forges et Acieries de la Marine et d'Homecourt, et al. (See Daum, Léon, assignor.)
- Compagnie Francise du Mirodisque. (See Lahr, Alfred, assignor.)
- Compagnie Generale de Geophysique. (See Schlumberger, Marcel, assignor.)
- Compagnie Generale de Telegraphie, Sans Fil. (See Chireix, Henri, assignor.)
- Compagnie Generale de Telegraphie Sans Fil. (See Chireix, H., and Villem, assignors.)



- Compagnie Generale de Telegraphie Sans Fil. (See Lucas, René, assignor.)
- Compagnie Generale de Telegraphie Sans Fil. (See Ponte, Maurice, assignor.)
- Compagnie Generale de Telegraphie Sans Fil. (See Rebotier, Jean, assignor.)
- Compagnie Generale de Telegraphie Sans Fil. (See Rocard, Yves, assignor.)
- Compagnie Generale de Telegraphie Sans Fil. (See Villem, R., and Aubert, assignors.)
- "Compagnie Internationale de Produits Ignifuges et Calorifuges (C. I. P. I. C.)." (See Van Rollegheem, Robert, assignor.)
- Compagnie Internationale des Cuirs Comprimés Attila C. I. C. A. Societe Anonyme. (See Bleyenheuff, Charles assignor.)
- Compagnie Internationale des Pieux Armes Frankignoul, Société Anonyme. (See Frankignoul, Edgard, assignor.)
- Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Reunies, Etablissements Kuhlmann. (See Kopp, Georges, assignor.)
- Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlman. (See Petitcolas, Pierre, assignor.)
- Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz. (See Barthelemy, René, assignor.)
- Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz. (See Brandi, Hans, assignor.)
- Compagnie pour la Fabrication des Compteurs et Materiel d'Usines A Gaz. (See Echés, Georges P., assignor.)
- Compañía Anónima Static. (See Pla Rosell, Mariano, assignor.)
- Compañía Anónima Static. (See Serra, Narciso, assignor.)
- Compania Fundadora Fotoliptofono S. A. (See Crudo, Fernando, assignor.)
- Compania Salitrera Anglo Chilena (Anglo Chilean Nitrate Corporation). (See Freed, Edgar S., assignor.)
- Compitello, Eugene, Clyde, N. Y. Cross tie raiser for railroads. 2,042,389; May 26.
- Compo Shoe Machinery Corporation. (See Card, William C., Jr., assignor.)
- Compo Shoe Machinery Corporation. (See Smith, John F., assignor.)
- Composing Room Engineers, Inc. (See Dent, James M., assignor.)
- Compressed Paper Box Corporation, The. (See Wilson, Clarence C., assignor.)
- Comprex Oscillator Corp. (See Kleine, Arnold, assignor.)
- Comprex Oscillator Corp. (See Rubens, Harry S., assignor.)
- Compte y Riqué, Julio, Montevideo, Uruguay. Sleeve-button or cuff link. 2,064,947; Dec. 22.
- Comptoir des Textiles Artificiels. (See Vautier, L. P. G., and Pays, assignors.)
- Compton, Charles A., Menlo Park, Calif. Oil filter for restaurants. 2,026,867; Jan. 7.
- Compton, Charles A., Menlo Park, Calif. Oil filter. 2,065,658; Dec. 29.
- Compton, J. F., et al. (See Harriman, William L., assignor.)
- Compton, John, Organ Company, The. (See Bourn, Leslie E. A., assignor.)
- Compton, Wylie J., et al. (See Becklin, Herman O., assignor.)
- Comstock, Clark S., Great Barrington, Mass. Towel rack. 2,052,606; Sept. 1.
- Comstock, Clark S., Great Barrington, Mass. Towel rack attachment. 2,058,416; Oct. 27.
- Comstock, Clark S., Great Barrington, Mass. Towel rod. 2,063,585; Dec. 8.
- Comstock, George F., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Ferro-carbon-titanium alloy. 2,033,974; Mar. 17.
- Comstock, George F., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Making copper-titanium alloys. 2,049,291; July 28.
- Comstock, George F., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Low-carbon ferro-titanium-silicon alloy. 2,064,150; Dec. 15.
- Comstock, Gregory J., Fairfield, Conn., assignor to Firth-Sterling Steel Company, McKeesport, Pa. Hard cemented carbide material. 2,033,513; Mar. 10.
- Comstock, James A., Cleveland, Ohio, and W. W. Garstang, Indianapolis, Ind., assignors of one-half to The Acme Electric & Manufacturing Company, Cleveland, Ohio, and one-half to Electronic Laboratories, Incorporated, Indianapolis, Ind. Circuit apparatus. 2,036,399; Apr. 7.
- Comstock, James A., and V. H. Dyer, assignors to The Acme Electric & Manufacturing Company, Cleveland, Ohio. Variable voltage transformer. 2,061,452; Nov. 17.
- Comunidad "Propulsor Chile". (See Zegers, Alberto, assignor.)
- Conahey, George R., Jr., Silver Spring, Md. Concrete construction. 2,037,007; Apr. 14.
- Conant, David J., Memphis, Tenn. Submergible motor. 2,043,236; June 9.
- Conant, David J., Memphis, Tenn. Submergible motor. 2,043,283; June 9.
- Conant, John H., assignor to Holyoke Heater Company, Holyoke, Mass. Oil burner. 2,053,236; Sept. 1.
- Conant, Leon B., Chicago, Ill. Vulcanizing rubber to leather. 2,032,471; Mar. 3.
- Conaway, Nathaniel M., Seaford, Del. Attachment for sewing machines. 2,064,733; Dec. 15.
- Conboy, Philip J., Philadelphia, Pa. Differential gearing. 2,064,152; Dec. 15.
- Concrete Conduit Company. (See Johnson, E. L., and Prosser, assignors.)
- Concrete Engineering Company. (See Ochiltree, Ned A., assignor.)
- Conde, José L., Buenos Aires, Argentina. Bottle closure. 2,040,362; May 12.
- Condenser Development Corporation. (See Libby, Albion D. T., assignor.)
- Condit Electrical Manufacturing Corporation. (See Edsall, William S., assignor.)
- Condit Electrical Manufacturing Corporation. (See Jansson, Gustav E., assignor.)
- Condon, Edward T., New York, N. Y. Adjustable brake shoe roller pin. 2,034,088; Mar. 17.
- Condon, Edward T., New York, N. Y. Disappearing shield for rumble seats and tonneaux. 2,047,941; July 21.
- Condon, Edward T., New York, N. Y. Combined directional signal and service lamp. 2,057,477; Oct. 13.
- Condon, Edward T., assignor to Autoposts Company Inc., New York, N. Y. Automobile signal switch. 2,054,808; Sept. 22.
- Condon, Thomas A., Silver Spring, Md., and G. W. Beatty, Decatur, Ill., assignors to the Secretary of War of the United States of America. Mount for antiaircraft guns. 2,043,989; June 16.
- Cone, Carroll. (See Playford, H. E., Hoge, and Cone.)
- Cone, Carroll, assignor to Surface Combustion Corporation, Toledo, Ohio. Walking beam furnace. 2,057,367; Oct. 13.
- Cone, Edna L., et al. (See Griffith, Harry J., assignor.)
- Cone, Edward, et al. (See Griffith, Harry J., assignor.)
- Cone, Frank L., Windsor, Vt. Stock feeding mechanism. 2,045,070; June 23.
- Cone, Frank L., Windsor, Vt. Multiple spindle machine. 2,060,975; Nov. 17.
- Cone, James H., Roseland, assignor to National Union Radio Corporation, Newark, N. J. Grid construction. 2,041,904; May 26.
- Cone, May, et al. (See Griffith, Harry J., assignor.)
- Cone, Philip H., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Mechanism for keeping records. 2,045,756; June 30.
- Conekin, Dawson, Philadelphia, Pa. Heating system. 2,043,883; June 9.
- Conekin, Dawson, Philadelphia, Pa. Steam and hot water heating boiler. 2,046,248; June 30.
- Conescu, William, Brooklyn, N. Y. Collapsible box. 2,036,460; Apr. 7.
- Congable, Henry F., Oakland, Calif. Sprinkler head for irrigation pipes. 2,062,779; Dec. 1.
- Congoleum-Nairn Inc. (See Allen, F. M., and Egge, assignors.)
- Congoleum-Nairn Inc. (See Bonney, R. D., and Egge, assignors.)
- Congoleum-Nairn Inc. (See Spitzli, Donald H., assignor.)
- Congreve, Willard. (See Oftedal, P. R., Kingsley, and Congreve.)
- Conklin, Fred R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Molding process. 2,048,686; July 28.
- Conklin, James W., Rocky Point, N. Y., assignor to Radio Corporation of America. Fading elimination. 2,027,022; Jan. 7.
- Conklin, James W., Rocky Point, N. Y., assignor to Radio Corporation of America. Receiving signals. 2,036,022; Mar. 31.
- Conklin, James W., Rocky Point, N. Y., assignor to Radio Corporation of America. Detector. 2,050,963; Aug. 11.
- Conklin, Joseph B., Carlisle, Iowa. Screw holder. 2,056,256; Oct. 6.
- Conklin Pen Company, The. (See Kelley, Lloyd A., assignor.)
- Conlee, George W., Des Moines, Iowa. Flower, fruit, and vegetable gathering tool. 2,064,105; Dec. 15.
- Conley, George B., Cleveland, Ohio. Hat supporting device. 2,038,828; Apr. 28.
- Conley, John E., Memphis, Tenn. Railway frog. 2,044,283; June 16.
- Conley, Kurt H., Bridgeport, Conn. Fertilizer depositing apparatus. 2,043,318; June 9.
- Conlin, Edward J., New Britain, assignor to G. E. Prentice Manufacturing Company, Berlin, Conn. Slider for fasteners. 2,053,463; Sept. 8.
- Conlon Corporation. (See Janda, Rudolph W., assignor.)
- Conlon, Thomas A. (See Gurney, D. A., and Conlon.)
- Conmar Products Corporation. (See Ulrich, Frederick, assignor.)
- Conn, C. G., Ltd. (See Loney, Hugh W., assignor.)
- Conn, C. G., Ltd. (See Loomis, Allen, assignor.)
- Conn, George C., Cincinnati, Ohio. Measuring dispenser. 2,061,061; Nov. 17.
- Conn, Joseph C., Boonton, N. J. Display apparatus. 2,033,908; Mar. 17.
- Conn, Joseph C., Boonton, N. J. Display apparatus. 2,042,508; June 2.
- Conn, Wallace T., Lawrence, Mass., assignor to Government of the United States, represented by Secretary of Commerce. Stretch and compression testing device. 2,042,457; June 2.



- Conn, Wallace T., Lawrence, Mass., assignor to the Government of the United States, represented by the Secretary of Commerce. Preservative and marine growth arresting process. 2,044,772; June 23.
- Conn, Wallace T., Lawrence, Mass., assignor to Government of the United States, represented by the Secretary of Commerce. Preservative and marine growth arresting process. 2,044,773; June 23.
- Connecticut Telephone & Electric Corporation. (See Cadieux, Joseph O., assignor.)
- Connecticut Telephone & Electric Corporation. (See Curtiss, William R., assignor.)
- Connel, Stanley L., Glendale, Calif. Molding machine. 2,052,449; Aug. 25.
- Connell, Alvin H., Wichita Falls, assignor of forty per cent to W. F. Alford, Burkburnett, Tex. Vehicle fluid actuated jack. 2,050,690; Aug. 11.
- Connell, George A. (See Cramer, T. M., and Connell.)
- Connell, J. M. Shoe Co. (See Reggie, Christy, assignor.)
- Connolly, Eleanor B., San Simeon, Calif. Painting. 2,065,266; Dec. 22.
- Connolly, George F., San Francisco, Calif. Machine for removing tire treads. 2,041,818; May 26.
- Connolly, George F., San Francisco, Calif. Machine for removing tire treads. 2,042,509; June 2.
- Connolly, John F., Cleveland Heights, and H. F. Johnson, Cleveland, assignors to The Champion Machine & Forging Company, Cleveland, Ohio. Gasket for pipe couplings. 2,036,320; Apr. 7.
- Conner, Benjamin F., West Hartford, Conn. Dispensing package. 2,038,418; Apr. 21.
- Conner, Benjamin F., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Making shank buttons. 2,029,255; Jan. 28.
- Conner, Benjamin F., West Hartford, and W. F. Schmalz, Rockville, assignors to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure. 2,054,031; Sept. 8.
- Conner, Benjamin F., West Hartford, and W. F. Schmalz, Rockville, assignors to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure means. 2,054,032; Sept. 8.
- Conner, Benjamin F., West Hartford, and W. F. Schmalz, Rockville, assignors to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure means. 2,054,033; Sept. 8.
- Conner, Benjamin F., West Hartford, and W. F. Schmalz, Rockville, assignors to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure means. 2,054,034; Sept. 8.
- Conner, Guy O., and H. W. Karges, assignors to Wheeling Steel Corporation, Wheeling, W. Va. Spouted container. 2,044,208; June 16.
- Conners, Carl L., Louisville, Ky., assignor to W. F. Stimpson, Detroit, Mich. Weighing scale. 2,047,311; July 14.
- Connolly, Gerald C., and A. F. Wurzbacher, assignors, by mesne assignments, to The Davison Chemical Corporation, Baltimore, Md. Apparatus for fractionally distilling oils. 2,037,677; Apr. 14.
- Connolly, William B., assignor to Samson-United Corporation, Rochester, N. Y. Switch. 2,047,165; July 7.
- Connolly, William B. and A. O. Samuels, assignors to Samson-United Corporation, Rochester, N. Y. Electric toaster. 2,059,440; Nov. 3.
- Connolly, William F., Farley, and W. F. Yeoman, Monticello, Iowa. Jar lifter. 2,029,809; Feb. 4.
- Connolly, William F., Farley, and W. F. Yeoman, Monticello, Iowa. Jar holder. 2,029,810; Feb. 4.
- Connor, John H., Newton, assignor to The Tanning Process Company, Boston, Mass. Machine for treating hides, skins, and leather. 2,035,461; Mar. 31.
- Connor, Kirke W., and A. Bleasdale, Detroit, Mich., assignors to Micromatic Hone Corporation. Honing tool. 2,028,648; Jan. 21.
- Connor, Roger L., and D. A. Nevin, assignors to The McBee Company, Athens, Ohio. Leaf inserting device. 2,061,996; Nov. 24.
- Connors, George H., assignor to Highway Trailer Company, Edgerton, Wis. Tractor-trailer coupling mechanism. 2,053,132; Sept. 1.
- Connors, George H., and F. C. Stiff, assignors to Highway Trailer Company, Edgerton, Wis. Automatic coupling device for trailers. 2,048,180; July 21.
- Connors, John W., Washington, D. C. Automatic transmission gearing. 2,051,794; Aug. 18.
- Connors, Thomas. (See Curtis, David W., assignor.)
- Conover Company, The. (See Stoddard, Edgar S., assignor.)
- Conover, Courtney, St. Louis, Mo., assignor to Monsanto Chemical Company. Purifying phthalic anhydride. 2,046,368; July 7.
- Conover, Courtney, assignor to Monsanto Chemical Company, St. Louis, Mo. Manufacturing monocarboxylic acids. 2,063,365; Dec. 8.
- Conrad, Frank, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Radio communication system. 2,057,640; Oct. 13.
- Conrad, Frank, Wilkinsburg, C. Aalborg, Pittsburgh, Pa., and O. B. French, Collingswood, N. J., assignors to Westinghouse Electric and Manufacturing Company. Motion picture apparatus. 2,032,116; Feb. 25.
- Conrad, Frank, Wilkinsburg, and C. Aalborg, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Refrigerating apparatus. 2,056,646; Oct. 6.
- Conrad, Johannes. (See Guenther, F., Conrad, and Saftien.)
- Conrad, Joseph L., Durham, N. C. Shoetree. 2,034,608; Mar. 17.
- Conrad, Karl F., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Removing impurities from dyestuffs. 2,055,686; Sept. 29.
- Conrad, Nicholas J., Winnetka, Ill., assignor, by mesne assignments, to Schweitzer & Conrad, Inc., Chicago, Ill. Resistance unit and mounting therefor. 2,062,163; Nov. 24.
- Conrad, Ralph E., Longview, Tex. Cotton harvesting, cleaning, and hulling machine. 2,049,640; Aug. 4.
- Conradt, Friedrich, Enzweihingen, Germany. Wind instrument. 2,056,504; Oct. 6.
- Conradty, C. (See Conradty, Ottmar, assignor.)
- Conradty, Ottmar, Nuremberg, Germany. Collector for electric cars. 2,042,653; June 2.
- Conradty, Ottmar, assignor to C. Conradty, Nuremberg, Germany. Trolley system. 2,029,857; Feb. 4.
- Conradty, Ottmar, assignor to C. Conradty, Nuremberg, Germany, a firm. Collecting member for trolley systems. 2,031,819; Feb. 25.
- Conradty, Ottmar, assignor to C. Conradty, Nuremberg, Germany. Trolley system. 2,063,150; Dec. 8.
- Conran, John W., Great Neck, N. Y. Port hole closure. 2,052,384; Aug. 25.
- Conran, William F., Brooklyn, N. Y. Fire-fighting system. 2,049,760; Aug. 4.
- Conron, William H., Riverton, N. J., assignor to Radio Corporation of America. Apparatus for testing inductances. 2,047,617; July 14.
- Conroy, James P., East Orange, N. J. Broiler. 2,028,649; Jan. 21.
- Consaël, Jean M. (See Servanton, J., and Consaël.)
- Consistometer Corporation. (See Stephens, Elton S., assignor.)
- Consolidated Advertising Corp. (See Brunish, Fred, assignor.)
- Consolidated Advertising Corp. (See Salcedo, Ferdinand G., assignor.)
- Consolidated Ashcroft Hancock Company. (See Beck, Rudolf, assignor.)
- Consolidated Ashcroft Hancock Company. (See Beck, R., and Briscoe, assignors.)
- Consolidated Ashcroft Hancock Company. (See Hammond, Elmer H., assignor.)
- Consolidated Ashcroft Hancock Company. (See Hopkins, F. H., and Crocker, assignors.)
- Consolidated Ashcroft Hancock Company. (See Walch, Frederick W., assignor.)
- Consolidated Car-Heating Company. (See Hyatt, Louis C., assignor.)
- Consolidated Car Heating Company. (See Oakley, G. E., and Tucker, assignors.)
- Consolidated Car-Heating Company. (See Parsons, Robert J., assignor.)
- Consolidated Car Heating Company. (See Parsons, R. J., and Conway, assignors.)
- Consolidated Edison Company of New York, Inc. (See Lunn, Charles A., assignor.)
- Consolidated Expanded Metal Companies, The. (See Miller, Frank R., assignor.)
- Consolidated Gas Electric Light and Power Company of Baltimore. (See Karrer, Sebastian, assignor.)
- Consolidated Gas Electric Light and Power Company of Baltimore. (See Karrer, S., and Mohlenrich, assignors.)
- Consolidated Industries Corporation. (See Haddorff, Carl L., assignor.)
- Consolidated International Corporation. (See Malocsay, Francis X., assignor.)
- Consolidated Iron-Steel Mfg. Company of 1932. (See Luton, John, assignor.)
- Consolidated Macaroni Machine Corporation. (See Cavagnaro, Nicholas J., assignor.)
- Consolidated Metal Products Co. (See Laughlin, Elmyr A., assignor.)
- Consolidated Mining and Smelting Company of Canada, Limited, The. (See Buckman, R. S., and Neidig, assignors.)
- Consolidated Oil Well Cementing Corporation of Texas. (See Pipes, Joseph E., assignor.)
- Consolidated Packaging Machinery Corporation. (See Briggs, Howland F., assignor.)
- Consolidated Packaging Machinery Corporation. (See Briggs, H. F., and Cundall, assignors.)
- Consolidated Packaging Machinery Corporation. (See Cundall, Robert N., assignor.)
- Consolidated Packaging Machinery Corporation. (See Cundall, Robert N. and L. A., assignors.)
- Consolidated Packaging Machinery Corporation. (See Smith, Harry D., assignor.)
- Consolidated Paper Company, The. (See Verhoven, Kramer E., assignor.)
- Consolidated Paper Corporation Limited. (See Freeman, H., and Gagné, assignors.)
- Consolidated Paper Corporation Limited. (See Hambly, John A., assignor.)
- Consolidated Patents Corporation. (See Miner, George H., assignor.)



- Consolidated Steel Corporation. (See Walker, Cranford P., assignor.)
- Consolidated Trimming Corporation. (See Klahre, Hugo A., assignor.)
- Consolidated Trimming Corporation. (See Smith, Joseph G., assignor.)
- Consolidated Wire and Associated Corporations. (See Mann, Paul L., assignor.)
- Consortium Fur Elektrochemische Industrie G. m. b. H. (See Mugdan, M., and Sixt, assignors.)
- Constantin, Eusebe J. L. F., Paris, France, assignor to Fuller Company. Screw conveyor. 2,045,757; June 30.
- Constantine, Allan, Warsaw, N. Y. Counter. 2,042,249; May 26.
- Constantine, Arthur R. (See Kenney, M. W., and Constantine.)
- Constantine, Arthur R., River Forest, and A. A. Gedde, assignors to General Household Utilities Company, Chicago, Ill. Shelf construction. 2,065,116; Dec. 22.
- Construction Machinery Company. (See Garber, E. C., and McDermott, assignors.)
- Construction Products Corporation. (See Witty, George, assignor.)
- Constructors Limited. (See Finer, Henry J., and Bickers, assignors.)
- Contact Filtration Company. (See Moorman, A. R., and Carpenter, assignors.)
- Container Company, The. (See Schantz, Socrates J. M., assignor.)
- Container Corporation of America. (See Holy, Mitchel E., assignor.)
- Container Corporation of America. (See Kane, J. W., Keller and Holy, assignors.)
- Conterman, Fred A. (See Geldhof, P. E., and Conterman.)
- Continental Can Company. (See Baker, Greeley, assignor.)
- Continental Can Company. (See Beal, G. D., and McKinnis, assignors.)
- Continental Can Company. (See Bloedorn, Clyde H., assignor.)
- Continental Can Company. (See Bourland, Eli, assignor.)
- Continental Can Company. (See Dahl, Jacob, assignor.)
- Continental Can Company. (See Dullinger, James H., assignor.)
- Continental Can Company. (See Engelman, J. J., Henchert, and Baker, assignors.)
- Continental Can Company. (See Fink, Henry A., assignor.)
- Continental Can Company. (See Freeman, Ernest W., assignor.)
- Continental Can Company. (See Henchert, John, assignor.)
- Continental Can Company. (See Hodgson, William W., assignor.)
- Continental Can Company. (See Kronquest, Alfred L., assignor.)
- Continental Can Company. (See Madenwald, F. A., and Beno, assignors.)
- Continental Can Company. (See Mason, Eugene G., assignor.)
- Continental Can Company. (See Morgan, William H., assignor.)
- Continental Can Company. (See O'Brien, Frank J., assignor.)
- Continental Can Company. (See O'Neil, James H., assignor.)
- Continental Can Company. (See Punte, William F., assignor.)
- Continental Can Company. (See Robison, Samuel C., assignor.)
- Continental Can Company. (See Schmidt, Charles, assignor.)
- Continental Can Company. (See Schmidt, John E., assignor.)
- Continental Can Company. (See Schneider, Julius L., assignor.)
- Continental Can Company. (See Schrader, Herbert, assignor.)
- Continental Can Company. (See Trombly, Alexander A., assignor.)
- Continental Can Company. (See Wakelee, Ronald L., assignor.)
- Continental Can Company. (See Wilhelm, Walter W., assignor.)
- Continental Car-na-var Corporation. (See Smalley, Dave E., assignor.)
- Continental-Diamond Fibre Company. (See Anderson, John F., assignor.)
- Continental-Diamond Fibre Company. (See Bengé, Frank H., assignor.)
- Continental-Diamond Fibre Company. (See Bengé, F. H., and Petho, assignors.)
- Continental-Diamond Fibre Company. (See d'Aubigne, Emile M., assignor.)
- Continental-Diamond Fibre Company. (See Fischer, Andrew J., assignor.)
- Continental-Diamond Fibre Company. (See Hollingworth, Duncalf W., assignor.)
- Continental-Diamond Fibre Company. (See Landt, Gustave E., assignor.)
- Continental-Diamond Fibre Company. (See Ploger, Alfred, assignor.)
- Continental Distilling Corporation. (See Willkie, Herman F., assignor.)
- Continental Equipment Company. (See Phillips, I. M., and Kalinsey, assignors.)
- Continental Fire-Proof Iron Corp. (See Kipper, A. F., and Tuckerman, assignors.)
- Continental Folding Paper Box Co. (See Rossum, Charles, assignor.)
- Continental Fruit Products Company, The. (See McIlvaine, Hubert A., assignor.)
- Continental Gin Company. (See Hagler, Clyde E., assignor.)
- Continental Motors Corporation. (See Bachle, Carl F., assignor.)
- Continental Motors Corporation. (See Du Bois, Ralph N., assignor.)
- Continental Motors Corporation. (See Harris, William W., assignor.)
- Continental Motors Corporation. (See Kalb, L. P., and Timian, assignors.)
- Continental Motors Corporation. (See Kinnucan, J. W., and Fink, assignors.)
- Continental Motors Corporation. (See Meyer, Andre J., assignor.)
- Continental Motors Corporation. (See Morehouse, Harold E., assignor.)
- Continental Motors Corporation. (See Rich, Lloyd W., assignor.)
- Continental Motors Corporation. (See Tilley, Norman N., assignor.)
- Continental Motors Corporation. (See Timian, Harold H., assignor.)
- Continental Motors Corporation. (See Timian, H. H., and Jacoby, assignors.)
- Continental Motors Corporation. (See Vincent, Edward T., assignor.)
- Continental Oil Company. (See Bennett, Edwin O., assignor.)
- Continental Oil Company. (See Clawson, Millard E., assignor.)
- Continental Oil Company. (See Davis, Lloyd L., assignor.)
- Continental Oil Company. (See Dyer, Joseph G., assignor.)
- Continental Oil Company. (See Lincoln, B. H., and Henriksen, assignors.)
- Continental Oil Company. (See Melberg, Carl O., assignor.)
- Continental Oil Company. (See Miller, Walter, assignor.)
- Continental Oil Company. (See Moran, D. J., and Bennett, assignors.)
- Continental Oil Company. (See Prescott, Harold R., assignor.)
- Continental Oil Company. (See Prescott, H. R., and Lipski, assignors.)
- Continental Oil Company. (See Prescott, H. R., and Searcy, assignors.)
- Continental Optical Company. (See Lauber, J. A., and Schubach, assignors.)
- Continental Optical Company. (See Soden, Fred H., assignor.)
- Continental Optical Company. (See Taylor, Dudley F., assignor.)
- Continental Optical Manufacturing Company. (See Hurst, A. D., and Duckwall, assignors.)
- Continental Paper Bag Corporation. (See Fry, C. W., and Ruff, assignors.)
- Continental Roll & Steel Foundry Company. (See Lewis, Daniel, assignor.)
- Continental Scale Works. (See Barler, R. C., and Burkhard, assignors.)
- Continental Scale Works. (See Weber, M. J., and Vanderhoff, assignors.)
- Continental Screw Company. (See Brown, Frank K., assignor.)
- Continental Steel Corporation. (See Williams, George N., assignor.)
- Contino, Nicholas. (See Burgess, W. C., and Contino, assignors.)
- Contract Carrier Company. (See Warren, Charles E., assignor.)
- Conty, Augusto, Fairview, N. J. Window cleaning device. 2,040,644; May 12.
- Convers, Wilber H., Poughkeepsie, N. Y. Apparatus for heating wire. 2,064,589; Dec. 15.
- Converse, Edward H., Poughkeepsie, assignor, by mesne assignments, to Case, Pomeroy & Company, Inc., New York, N. Y. Coating composition for wire and process. 2,059,441; Nov. 3.
- Converse, Leroy S., Ridley Park, and E. S. Kennedy, Norristown, assignors to The Viscose Company, Marcus Hook, Pa. Transfer tail winder for coning machines. 2,036,121; Mar. 31.
- Converse Rubber Company. (See Willey, Edward A., assignor.)
- Converse Rubber Company. (See Willey, E. A., and Casey, assignors.)
- Conway, John W. (See Parsons, R. J., and Conway.)
- Conway, Martin J., Coatesville, Pa. Apparatus for making open-hearth steel. 2,027,151; Jan. 7.
- Conway, Thomas G., Chatham, assignor to The National Lock Washer Company, Newark, N. J. Bus or car window construction. 2,032,794; Mar. 3.
- Conwell, Charles B. (See Butler, M. B., Jr., and Conwell.)
- Conwell, Scott R. (See Edwards, W. C., and Conwell.)
- Conwell, Scott R. (See Michel, C. A., and Conwell.)



- Conzelman, Joseph H., assignor to Alabama Asphaltic Limestone Company, Birmingham, Ala. Paving composition and producing same. 2,026,614; Jan. 7.
- Conzetti, Achille, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Monoazo-dyestuffs and their production. 2,036,122; Mar. 31.
- Conzetti, Achille, assignor to firm of J. R. Geigy A. G., Basel, Switzerland. Manufacture of water-insoluble indulines. 2,045,069; June 23.
- Conzetti, Achille, assignor to the firm J. R. Geigy, S. A., Basel, Switzerland. Manufacture of colored lacquers and coating compositions. 2,050,921; Aug. 11.
- Conzetti, Achille, assignor to firm of J. R. Geigy, A. G., Basel, Switzerland. Water insoluble indulines and their manufacture. 2,058,666 Oct. 27.
- Cook, Albert E., Evanston, Ill. Automobile vehicle. 2,048,181; July 21.
- Cook, C. Lee, Manufacturing Company. (See Durham, Fred D., assignor.)
- Cook, Clyde C. (See Badger, C., and Cook.)
- Cook, Clyde C., and C. Badger, Columbus, Ohio, assignors to Owens-Illinois Glass Company. Glassware forming machine. 2,051,468; Aug. 18.
- Cook, Curtiss L., assignor to Syracuse Chilled Plow Co., Inc., Syracuse, N. Y. Implement frame construction. 2,051,162; Aug. 18.
- Cook, David F., Cheyenne, Wyo. Internal combustion engine. 2,062,209; Nov. 24.
- Cook, Delbert, Farmingdale, N. J. Centralized automobile driving control. 2,063,793; Dec. 8.
- Cook, Earle S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,035,045; Mar. 24.
- Cook, Earle S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,038,164; Apr. 21.
- Cook, Earle S., Wilkinsburg, and E. R. Fitch, Irwin, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,033,114; Mar. 10.
- Cook, Earle S., Wilkinsburg, and E. R. Fitch, Irwin, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,035,046; Mar. 24.
- Cook, Earle S., Wilkinsburg, and C. F. Hammer, Greensburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Control for sliding wheels. 2,038,145; Apr. 21.
- Cook, Earle S., Wilkinsburg, and C. F. Hammer, Greensburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Preventing sliding wheels. 2,038,146; Apr. 21.
- Cook, Earle S., Wilkinsburg, and C. F. Hammer, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Wheel sliding protector device. 2,038,147; Apr. 21.
- Cook, Earle S., Wilkinsburg, and C. F. Hammer, Greensburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Anti-wheel sliding device. 2,038,148; Apr. 21.
- Cook, Earnshaw, Ruxton, Md. assignor to Bethlehem Steel Company. Basic open hearth steel process. 2,046,811; July 7.
- Cook Electric Company. (See Baker, John S., assignor.)
- Cook, George A. (See LeFevre, George L., assignor.)
- Cook, H. C., Company, The. (See Hunt, J. O., and Carter, assignors.)
- Cook, Harry W., Malta, Ohio. Window frame. 2,032,795; Mar. 3.
- Cook, Herman H., Pender, Nebr. Combination chair. 2,058,299; Oct. 20.
- Cook, Howard P., Company. (See Zavatkay, Frederick F., assignor.)
- Cook, James H., assignor of one-half to D. Danciger, Tulsa, Okla. Internal combustion engine. 2,055,026; Sept. 22.
- Cook, John A., Birmingham, assignor of one-half to J. W. Stack, Mobile, Ala. Lens grinding machine. 2,051,329; Aug. 18.
- Cook, John B., and W. G. Fotsch, assignors to Reliable Electric Company, Chicago, Ill. Connector. 2,037,066; Apr. 14.
- Cook, John W. D., London, England. Display stand. 2,051,681; Aug. 18.
- Cook, Joseph F., Jr., West Roxbury, Mass., assignor, by mesne assignments, to General Electric Company, Schenectady, N. Y. High frequency line conductor. 2,050,086; Aug. 4.
- Cook, Jr., Junius F. and J. B. Moore, Chicago, Ill., assignors to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Dispensing apparatus. 2,059,442; Nov. 3.
- Cook, Kenneth B., Providence, assignor to Manville Jenckes Corporation, Manville, R. I. Method and apparatus for setting up a slasher. 2,036,744; Apr. 7.
- Cook, La Vergne, Dayton, Ohio. Cowl fastener. 2,045,583; June 30.
- Cook, Le Roy, assignor of one-half to H. M. Dieterle, Chicago, Ill. Automatic fluid brake control. 2,063,366; Dec. 8.
- Cook, Norman, Manchester, England. Weaver's knitter. 2,040,546; May 12.
- Cook Paint & Varnish Company. (See Heck, Adolf, assignor.)
- Cook, Ralph H. (See Matthews, G. A., and Cook.)
- Cook, Raymond W., assignor to Wallace Barnes Company, Bristol, Conn. Spring. 2,043,152; June 2.
- Cook, Raymond W., assignor to The Wallace Barnes Company, Bristol, Conn. Clasp. 2,046,771; July 7.
- Cook, Sluman B., and R. J. Chonoski, Detroit, Mich. Hinge. 2,053,864; Sept. 8.
- Cook, Stanley S., assignor to The Parsons Marine Steam Turbine Company, Limited, Wallsend-on-Tyne, England. Combined reciprocating and turbine engine installation. 2,045,322; June 23.
- Cook, Stanley S., and L. M. Douglas, assignors to The Parsons Marine Steam Turbine Company, Limited, Wallsend-on-Tyne, England. Power-transmission coupling. 2,028,500; Jan. 21.
- Cook, Stanley S., and L. M. Douglas, Turbinia Works, Wallsend-on-Tyne, assignors to The Parsons Marine Steam Turbine Company, Limited, Wallsend-on-Tyne, England. Power installation. 2,040,643; May 12.
- Cook, Stanley V., and F. L. Chase, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,053,251; Sept. 8.
- Cook, Stanley V., and F. L. Chase, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,053,252; Sept. 8.
- Cook, W. Coburn. (See Prusso, R. E., and Gaddy, assignors.)
- Cook, Willard G., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,042,169; May 26.
- Cook, William E., West New Brighton, N. Y. Carrier for braiding machines. 2,033,924; Mar. 17.
- Cook, William E., West New Brighton, N. Y. Carrier for braiding machines. 2,033,925; Mar. 17.
- Cooke, Geoffrey H. (See Thomson, A. A. B., and Cooke.)
- Cooke, George T., assignor to American Railway Products Company, Inc., South Norwalk, Conn. Coupler and lock. 2,039,058; Apr. 28.
- Cooke, Hereward L., Princeton, N. J. Brush. 2,066,068; Dec. 29.
- Cooke, Horace B. (See Sperr, Frederick W., Jr., assignor.)
- Cooke, Horace B., Greenwich, Conn., assignor to The Gray Processes Corporation, Newark, N. J. Removing gum-forming constituents from fuel gas. 2,044,421; June 16.
- Cooke, Maurice B., New York, N. Y. Pyrolytic decomposition of hydrocarbons. 2,046,501; July 7.
- Cooke, Maurice B., New York, N. Y. Pyrolytic decomposition of hydrocarbons. 2,046,502; July 7.
- Cookson, Byron L., Benton Harbor, Mich. Display stand. 2,064,056; Dec. 15.
- Cookson, Clarence F., Lyndhurst, N. J., assignor to Joseph Schneider, Inc., New York, N. Y. Toy target. 2,029,059; Jan. 28.
- Cookson, Clarence F., Lyndhurst, N. J., assignor to Wolverine Supply and Manufacturing Company, Pittsburgh, Pa. Target game. 2,056,095; Sept. 29.
- Cookson, Clarence F., Shelton, Conn. Mechanism for automatically causing change in direction of course of travel of toys. 2,057,557; Oct. 13.
- Cookware Company. (See Burnette, William A., assignor.)
- Cool, Henry R., Cleveland Heights, assignor to The Service Recorder Company, Cleveland, Ohio. Door recorder. 2,051,986; Aug. 25.
- Coolerator Company, The. (See Belshaw, C. F., and La Casse, assignors.)
- Cooley, Austin G., New York, N. Y. Electric wave signaling. 2,049,424; Aug. 4.
- Cooley, Austin G., New York, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Synchronizing apparatus for photo-telegraphy. 2,045,294; June 23.
- Cooley, Austin G., New York, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Synchronizing apparatus for phototelegraphy. 2,052,383; Aug. 25.
- Cooley, Dana E., Letart, W. Va. Aircraft. 2,036,923; Apr. 7.
- Coolidge, Charles H., assignor to Curtis & Marble Machine Company, Worcester, Mass. Cloth shearing machine. 2,040,295; May 12.
- Coolidge, Charles H., and E. H. Marble, assignors to Curtis & Marble Machine Company, Worcester, Mass. Cloth shearing machine. 2,040,294; May 12.
- Coolidge, Cole, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,059,850; Nov. 3.
- Coolidge, Joseph R., Brookline, and J. H. McCready, Newton, Mass., said McCready assignor to said Coolidge. Impregnating wood. 2,039,393; May 5.
- Cooling & Air Conditioning Corporation, The. (See Keyes, Robert E., assignor.)
- Cooling and Air Conditioning Corporation, The. (See Lawler, Matthew M., assignor.)
- Cooling & Air Conditioning Corporation. (See Wason, Alfred B., assignor.)
- Cool-Rite Products Corporation. (See Raisley, John C., assignor.)
- Coombs, James A. (See Jones, E. R., Denton, and Coombs.)
- Coombs, Joseph S., Bridgeton, N. J. Combination clothes-line reel and pin holder. 2,038,479; Apr. 21.
- Coombs, Naomi A. (See Coombs, William M., assignor.)
- Coombs, William M., assignor to N. A. Coombs, Youngstown, Ohio. Piston expander. 2,057,327; Oct. 13.
- Coon, Clifford L. (See Pfaff, E. R., and Coon.)
- Cooney, Ana B. (administratrix). (See Cooney, Sebern A.)



- Cooney, Robert K., assignor of one-half to F. J. Keating, Yankton, S. Dak. Pasteurization. 2,029,017; Jan. 28.
- Cooney, Sebern A., deceased, Glenbrook Conn., by A. B. Cooney, administratrix, New York, N. Y. Ladder chair. 2,052,450; Aug. 25.
- Cooney, William H., Pittsfield, Mass., assignor to General Electric Company. Protective device. 2,053,944; Sept. 8.
- Coons, Riley H., Scotia, N. Y. Rack. 2,053,701; Sept. 8.
- Cooper, Abraham, trustees et al. (See Fineberg, Abraham, assignor.)
- Cooper, Arthur J., London, England. Delivering measured quantities of liquid. 2,037,500; Apr. 14.
- Cooper, Basil P., and J. N. Henshaw, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Tack making machine. 2,048,839; July 28.
- Cooper-Besmer Corporation. (See Gehres, Hewitt A., assignor.)
- Cooper, Charles F., Torrington, assignor to The American Brass Company, Waterbury, Conn. Making print rolls. 2,046,503; July 7.
- Cooper, Charles F., Torrington, assignor to The American Brass Company, Waterbury, Conn. Print roll. 2,046,504; July 7.
- Cooper, Charles R., San Francisco, Calif. Packing can. 2,063,013; Dec. 8.
- Cooper, Edward E., and A. T. Troedel, Port Melbourne, Australia. Photo composing machine. 2,049,557; Aug. 4.
- Cooper, Ellis W., Los Angeles, Calif. Cable clamp. 2,026,824; Jan. 7.
- Cooper, Ellis W., Los Angeles, Calif., assignor to James R. Kearney Corporation, St. Louis, Mo. Apparatus for connecting wires. 2,039,635; May 5.
- Cooper, Eugene S., Augusta, Maine. Clothesline adjuster. 2,051,330; Aug. 18.
- Cooper, Frank F. (See Lampman, G. W., and Cooper.)
- Cooper, George M., Fairlawn, N. J., and S. L. Eastburn, Sloatsburg, N. Y., assignors to Ramapo Ajax Corporation, New York, N. Y. Spring frog. 2,036,198; Apr. 7.
- Cooper, Glenn A., assignor to Cruver Manufacturing Company, Chicago, Ill. Method and apparatus for converting solid articles into tubular structures. 2,027,152; Jan. 7.
- Cooper, Herman, assignor to Cooper Tea Packet Company, Brooklyn, N. Y. Package of tea-bags and the like. 2,042,039; May 26.
- Cooper, Howard L., Portland, Oreg. Turbine draft tube. 2,052,555; Sept. 1.
- Cooper, Hugh S., Cleveland, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Nickel alloy and making the same. 2,055,467; Sept. 29.
- Cooper, Hugh S., Cleveland, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Electron emission device. 2,061,755; Nov. 24.
- Cooper, Joseph, New York, N. Y. Extension table. 2,045,441; June 23.
- Cooper, Lillian M., San Francisco, Calif., assignor to Elmo Sales Corporation, Philadelphia, Pa. Apparatus for examining the skin. 2,056,421; Oct. 6.
- Cooper, Maxey C., Detroit, Mich. Wallpaper remover. 2,064,374; Dec. 15.
- Cooper, Morris, New York, N. Y. Legging. 2,041,819; May 26.
- Cooper Oven Thermometer Company, The. (See Whittier, Horace R., assignor.)
- Cooper, Peter, Corporations. (See Hubbard, John R., assignor.)
- Cooper, Percival R. (See McKellar, Elmore, assignor.)
- Cooper, Roy L., assignor to Colorflex Corporation, Hammond, Ind. Illumination control system. 2,041,458; May 19.
- Cooper, Simon, assignor to Cooper Tea Packet Company, Brooklyn, N. Y. Perforated cellophane and the like, and making the same. 2,027,810; Jan. 14.
- Cooper Sparkelite, Inc. (See Van Dusen, C. H., and Dietrich, assignors.)
- Cooper Tea Packet Company. (See Cooper, Herman, assignor.)
- Cooper Tea Packet Company. (See Cooper, Simon, assignor.)
- Cooper, William E., New York, N. Y. Bank protection. 2,046,726; July 7.
- Cooper, William H., Passaic, N. J., and C. A. Pinkham, New York, assignor to Pilot Radio Corporation, Long Island City, N. Y. Drive for indicator elements. 2,045,263; June 23.
- Cooper, William J., Alameda, Calif. Washing machine. 2,057,292; Oct. 13.
- Coose, James C., Wilmar, Ark. Antivibrator attachment for road machinery. 2,027,677; Jan. 14.
- Conallie Reflecting Signal Co. Ltd. (See Burkhardt, Frederick J., assignor.)
- Cope, Frank T., assignor to The Electric Furnace Company, Salem, Ohio. Testing gas. 2,049,947; Aug. 4.
- Coneland Refrigeration Corporation. (See McPhail, Harold R., assignor.)
- Copeland Refrigeration Corporation. (See Replogle, John R., assignor.)
- Copelin, Leonard S., Los Angeles, Calif. Core drill. 2,039,520; May 5.
- Copeman Laboratories, Company. (See Sissman, Jesse, assignor.)
- Copenhaver, Clayton C., assignor to Chrysler Corporation, Detroit, Mich. Work handling apparatus. 2,055,682; Sept. 29.
- Coplan, William, Baltimore, Md. Necktie. 2,033,569; Mar. 10.
- Copland, Charles J., North Kansas City, Mo., assignor to International Patents Development Company, Wilmington, Del. Crystallization of dextrose. 2,029,560; Feb. 4.
- Copland, Charles J., North Kansas City, Mo., assignor to International Patents Development Company, Wilmington, Del. Filtration of starch converted sugar solutions. 2,066,141; Dec. 29.
- Copony, Alfred, Mount Clemens, Mich. Engine accessory. 2,028,826; Jan. 28.
- Copony, Alfred, Mount Clemens, Mich. Tripod top for cameras or the like. 2,054,614; Sept. 15.
- Copp, Earle M., San Juan, P. R., assignor to Petree & Dorr Engineers, Inc., New York, N. Y. Sugar juice extraction and clarification. 2,054,556; Sept. 15.
- Coppage, Carroll T., Rocky River, Ohio. Timing device. 2,041,323; May 19.
- Copper Houses, Inc. (See Dempsey, Michael J., assignor.)
- Copperweld Steel Company. (See Antisell, Frank L., assignor.)
- Copperweld Steel Company. (See Billiter, Jean, assignor.)
- Copperweld Steel Company. (See Jensen, Claude H., assignor.)
- Copperweld Steel Company. (See Selquist, Rolf, assignor.)
- Copperweld Steel Company. (See Selquist, R., Overholt, and Gordon.)
- Copperweld Steel Company. (See Whitehead, F. A., and Antisell, assignors.)
- Copperweld Steel Company. (See Williams, Sidney D., assignor.)
- Copping, Bruce G., assignor to Coca Cola Company of Canada Limited, Montreal, Quebec, Canada. Timing attachment for conveyers. 2,047,406; July 14.
- Coppus, Frans H. C., assignor to A. M. C. Wechberg, V. L. Wood, and F. H. C. Coppus, Worcester, Mass., as trustees. Roundhouse equipment. 2,037,501; Apr. 14.
- Coray, Hans, Zurich, Switzerland. Board for clamping and exhibiting sheet-like articles. 2,056,565; Oct. 6.
- Corballogesellschaft m. b. H. (See Philipp, Robert B., assignor.)
- Corbett, Edward L. (See Wallace, Marcel, assignor.)
- Corbett, George, Tampa, Fla. Radio volume control. 2,032,117; Feb. 25.
- Corbett, Lawrence W., Belmont, assignor of thirty-four per cent to W. H. Doble, Quincy, Mass., and thirty-three per cent to Unimatic Heater Corporation, New York, N. Y. Heating apparatus. 2,050,747; Aug. 11.
- Corbin, Elbert A., Jr., Gradyville, assignor of one-half to W. C. Biddle, Lansdowne, Pa. Making decorative lustrous sheet material. 2,037,008; Apr. 14.
- Corbin, Elbert A., Jr., Gradyville, assignor of one-half to W. C. Biddle, Lansdowne, Pa. Molded shoe and making the same. 2,040,921; May 19.
- Corbin, Elbert A., Jr., Gradyville, Pa. Rim with quick detachable section. 2,059,851; Nov. 3.
- Corbin, Elbert A., Jr., Gradyville, and E. W. Wolf, Philadelphia, assignors of one-third to William C. Biddle, Lansdowne, Pa. Utility and decorative sheet material and making the same. 2,060,041; Nov. 10.
- Corbin, Natt. (See Thomas, Albert H., assignor.)
- Corcoran, Leonard C., Cleveland Heights, Ohio. Feed dog recutting fixture. 2,031,464; Feb. 18.
- Corcoran, Thomas D., and M. W. Hard, Los Angeles, Calif. Tile supporting strip. 2,057,819; Oct. 20.
- Cordell, George W., and J. F. Cordell, Magic City, Tex. Cotton gin rib. 2,055,573; Sept. 29.
- Cordell, Jesse F. (See Cordell, George W., and J. F.)
- Cordley & Hayes. (See Cole, Raymond W., assignor.)
- Cordova, Joaquin P., Lomas de Chapultepec, Mexico. Sectional cable suspension assembly. 2,057,328; Oct. 13.
- Cordrey, Hancil, and W. J. Duvall, Chula Vista, Calif. Casement window adjuster. 2,050,485; Aug. 11.
- Cordy, Henry J., Sulphide, Ontario, and W. J. Burgoyne, Belleville, Ontario, Canada, assignors to General Chemical Company, New York, N. Y. Roasting fines. 2,047,995; July 21.
- Corel, Victoria G., San Leandro, Calif. Garter clasp. 2,037,763; Apr. 21.
- Corell, Martin, Frankfort-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Amino-pyrene-sulphonic acid and preparing them. 2,046,249; June 30.
- Corell, Martin, and H. Vollmann, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 4-hydroxy-pyrene and process of preparing it. 2,052,216; Aug. 25.
- Corey, Anthony B., Philadelphia, Pa. Oil burner. 2,035,114; Mar. 24.
- Corey, Elmer O., Norwood, assignor to The Edna Brass Manufacturing Company, Cincinnati, Ohio. Injector. 2,041,527; May 19.
- Corey, Elmer O., Norwood, assignor to The Edna Brass Manufacturing Company, Cincinnati, Ohio. Water gauge. 2,050,207; Aug. 4.
- Corey, Elmer O., Norwood, assignor to The Edna Brass Manufacturing Company, Cincinnati, Ohio. Terminal valve. 2,056,133; Sept. 29.
- Corey, George H., et al. (See Lyon, James B., assignor.)



- Corey, Lewis C., Tulsa, Okla. Sausage-making equipment. 2,054,875; Sept. 22.
- Corhart Refractories Company. (See Schroeder, Frederick W., assignor.)
- Cori, Blanche, Berlin, Germany. Gas filter. 2,032,262; Feb. 25.
- Corigliano, Peter, St. Albans, and L. Platzman, Brooklyn, N. Y., assignors to Bright Star Battery Company, Hoboken, N. J. Dry cell. 2,026,615; Jan. 7.
- Corke, Ruloff D., Yonkers, N. Y. Rotary element seal. 2,040,429; May 12.
- Corkill, Frederick W., Los Angeles, Calif., assignor to Pacific Coast Borax Co. Making borax glass. 2,062,505; Dec. 1.
- Corkum, Leo M., New York, N. Y. Ice skate sharpener. 2,054,495; Sept. 15.
- Corlew, Ralph P. (See Barth, E. J., and Corlew, assignors.)
- Cormier, Henry E., et al. (See Sutton, Cyril D., assignor.)
- Cornelius Engineering Company. (See Bauch, William H.)
- Cornelius, Nelson F., Jr. (See Cornelius, Richard T. and N. F.)
- Cornelius, Pembroke W. (See Bauch, William H., assignor.)
- Cornelius, Richard T., and N. F., Jr., Minneapolis, Minn. Motor pump unit. 2,042,510; June 2.
- Cornelius, Victor W., Eastland, Tex. Combination napkin container and advertisement holder. 2,059,090; Oct. 27.
- Cornell-Dubilier Corporation. (See Deeley, Paul McK., assignor.)
- Cornell, Edward S., Jr., Larchmont, N. Y. One-handed lip stick. 2,026,868; Jan. 7.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Combined diverting and hot-cold control fixture. 2,031,932; Feb. 25.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Sweat fitting. 2,033,122; Mar. 10.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Air conditioned heating and cooling system. 2,038,347; Apr. 21.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Maximum temperature controlling device. 2,041,653; May 19.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Bracket for plumbing fittings. 2,053,262; Sept. 8.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Radiator. 2,065,515; Dec. 29.
- Cornell, Elias S., Chicago, Ill., H. D. Freitag, Long Island and P. Sporn, Brooklyn, N. Y., said Cornell assignor to Delta-Star Electric Company, Chicago, Ill. Bus clamp. 2,044,604; June 16.
- Cornell, Elias S., Evanston, C. A. Koerner, Chicago, and J. A. Stoos, Naperville, assignors to The Delta-Star Electric Company, Chicago, Ill. Electrical interlocking switch gear. 2,057,084; Oct. 13.
- Cornell, Fritz G., Jr., Mountain Lakes, N. J. Heat exchange device. 2,027,809; Jan. 14.
- Cornell Iron Works, Inc. (See Cornell, Milton L., assignor.)
- Cornell Iron Works, Inc. (See Cornell, M. L., and Graff, assignors.)
- Cornell Machine Company, The. (See Cornell, Mead, assignor.)
- Cornell, Mead, Dayton, assignor to The Cornell Machine Company, Cleveland, Ohio. Homogenizer. 2,042,880; June 2.
- Cornell, Mead, San Francisco, Calif., and C. C. Curtis, San Leandro, assignors to C. C. Broadwater, Oakland, Calif. Lubricating oil testing apparatus. 2,027,518; Jan. 14.
- Cornell, Milton L., New York, assignor to Cornell Iron Works, Inc., Long Island City, N. Y. Overhead-acting grille. 2,027,153; Jan. 7.
- Cornell, Milton L., New York, assignor to Cornell Iron Works, Inc., Long Island City, N. Y. Flexible grille. 2,048,840; July 28.
- Cornell, Milton L., and A. H. Graff, New York, assignors to Cornell Iron Works, Inc., Long Island, N. Y. Flexible grille. 2,037,458; Apr. 14.
- Cornell, Robert V., et al. (See Hull, Dwight D., assignor.)
- Cornell Securities Corporation. (See Hawgood, Harvey R., assignor.)
- Cornell Securities Corporation. (See Lockhart, William, assignor.)
- Corner, George H. C., Birmingham, England, assignor to Hookless Fastener Company. Slide fasteners. 2,047,925; July 14.
- Corner, George H. C., and J. McGinn, Birmingham, England, assignors to Imperial Chemical Industries Limited. Gas washing. 2,050,160; Aug. 4.
- Corning Glass Works. (See Badger, Alfred E., assignor.)
- Corning Glass Works. (See Bates, Harry C., assignor.)
- Corning Glass Works. (See Bergstrom, Carl V., assignor.)
- Corning Glass Works. (See Bowen, Clinton A., assignor.)
- Corning Glass Works. (See Dalton, R. H., and Hood, assignors.)
- Corning Glass Works. (See Day, Ralph K., assignor.)
- Corning Glass Works. (See Gage, Henry P., assignor.)
- Corning Glass Works. (See Hood, Harrison P., assignor.)
- Corning Glass Works. (See Hyde, James F., assignor.)
- Corning Glass Works. (See Levitt, William T., assignor.)
- Corning Glass Works. (See Littleton, Jesse T., assignor.)
- Corning Glass Works. (See McCauley, George V., assignor.)
- Corning Glass Works. (See Shaver, William W., assignor.)
- Corning Glass Works. (See Taylor, William C., assignor.)
- Corning Glass Works. (See Weber, Walter C., assignor.)
- Corning Glass Works. (See Woods, William J., assignor.)
- Cornish, Harry S., Los Angeles, Calif. Carbon dioxide ice cooling system. 2,030,242; Feb. 11.
- Cornish, James, Chicago, Ill. Swivel hanger, carrier, and control for sliding doors. 2,047,855; July 14.
- Cornock, Edward F. (See Smith, E. L., and Cornock.)
- Cornwell, Charles O., San Marino, Calif. Insulated car with air circulating chamber. 2,040,296; May 12.
- Coronet Phosphate Company. (See Greene, E. W., and Wilbur, assignors.)
- Corporation of Seitz-Worke G. m. b. H. (See Stegemann, Friedrich, assignor.)
- Corrall, Herbert, Helensburgh, and J. Heggie, Clydebank, Scotland, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Leather sole channeling and stitching machine. 2,049,408; July 28.
- Corrello, Chester, Lima, Ohio. Supporting bracket. 2,048,430; July 21.
- Corrigan, John E., Ozone Park, N. Y. Casket. 2,051,163; Aug. 18.
- Corrison, John W. (See Mees, Jay E., assignor.)
- Corrison, John W., Springfield, assignor of one-half to R. E. Griffith, Pittsburgh, Pa. Refractory lining support for furnaces. 2,063,229; Dec. 8.
- Corson, Almon J. (See Faus, H. T., and Corson.)
- Corson, David C., Pasadena, Calif. Vehicle spring suspension. 2,052,698; Sept. 1.
- Corson, Michael G., Woodside, N. Y., assignor to General Electric Company. Surface hardening of metals by cementation with antimony. 2,032,912; Mar. 3.
- Corson, Michael G., New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Copper-base alloys containing vanadium and iron. 2,049,559; Nov. 3.
- Corson, Michael G., New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Copper alloys. 2,057,368; Oct. 13.
- Corson, Michael G., New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Alloys. 2,059,555; Nov. 3.
- Corson, Michael G., New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Copper-base alloys. 2,059,556; Nov. 3.
- Corson, Michael G., New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Copper-base alloys. 2,059,557; Nov. 3.
- Corson, Michael G., New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Copper-base alloys containing chromium and iron. 2,059,558; Nov. 3.
- Corson, Michael G., New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Copper-base alloys containing vanadium. 2,059,560; Nov. 3.
- Corswandt, Ralph H., Chicago, and W. J. Zenner, Des Plaines, assignors to Teletype Corporation, Chicago, Ill. Paper guide. 2,053,022; Sept. 1.
- Cortilet, Michael P., Chicago, Ill., assignor to American Can Company, New York, N. Y. Shipping and display container. 2,040,241; May 12.
- Cortina, Anthony. (See Roy, A., and Cortina.)
- Corts, Gottfried F. A., Goteborg, Sweden. Wheel tire. 2,030,243; Feb. 11.
- Corts, Gottfried F. A., Gottenborg, Sweden. Wheel tire. 2,035,790; Mar. 31.
- Corvington, Oscar H. (See Helfrich, Lewis and W., and Corvington.)
- Corwin, Howard D. (See Funk, T. B., and Corwin.)
- Corwin, Howard D., Jackson, Mich., assignor, by mesne assignments, to American Electric Fusion Corporation, Chicago, Ill. Rapid cut-off machine. 2,057,011; Oct. 13.
- Corwin, Howard D., Jackson, Mich., assignor, by mesne assignments, to Air Reduction Company, Incorporated, New York, N. Y. Cutting and profiling apparatus. 2,057,820; Oct. 20.
- Corwin, Thomas L., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Printing telegraph system. 2,028,194; Jan. 21.
- Corwin, Thomas L., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Printing telegraph system. 2,031,934; Feb. 25.
- Cory, Chas., Corporation. (See Carbonara, Victor E., assignor.)
- Cory, Harvey, Chicago, Ill. Art of flame treating glassware. 2,044,566; June 16.
- Cory, Harvey, Chicago, Ill. Vacuum coffee brewer. 2,058,136; Oct. 20.
- Coscia, Pasquale, New York, N. Y. Ice milling machine. 2,047,005; July 7.
- Cosler, Horace B., Evanston, Ill., assignor to National Candy Company, Inc., St. Louis, Mo. Candy decorating method. 2,062,867; Dec. 1.
- Cosmocolor Corporation. (See Gilmore, Otto C., assignor.)
- Cossart, Léon R. C., Paris, France. Engine valve gear. 2,064,293; Dec. 15.
- Cossette, Antoine, et al. (See Suhm, C. E., and Ankenbruck, assignors.)
- Cossor, Frank, Finsbury Park, London, England. Sphygmomanometer bandage. 2,029,912; Feb. 4.



- Cost, William A., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Grader control. 2,064,375; Dec. 15.
- Costakos, Theodore M., Minneapolis, Minn. Drink mixing and dispensing device. 2,055,067; Sept. 22.
- Costantini, Oreste, Philadelphia, Pa. Necktie. 2,040,297; May 12.
- Costanzo, Joseph, New York, N. Y. Shoe. 2,058,215; Oct. 20.
- Costello, Henry O., Providence, R. I. Practice golf club structure. 2,057,821; Oct. 20.
- Costello, Joseph P., assignor to Collins & Aikman Corporation, Philadelphia, Pa. Mechanism for controlling loom stop motions. 2,049,356; July 23.
- Costello, Joseph P., assignor to Collins & Aikman Corporation, Philadelphia, Pa. Control mechanism for loom stop motions. 2,065,851; Dec. 29.
- Costello, Ralph M. (See Pepper, Robert H., assignor.)
- Costello, William F., assignor to The New Britain Machine Company, New Britain, Conn. Tool set and container therefor. 2,030,138; Feb. 11.
- Costenoble, Charles H., Duluth, Minn. Insulating mechanism. 2,038,269; Apr. 21.
- Costigan, William M., Grand Falls, New Brunswick, Canada. Puzzle. 2,043,506; June 9.
- Cota, Fernando B. (See Hodges, G. F., and Cota.)
- Cotanch, Earl E., Los Angeles, Calif., assignor to Automatic Rotary Transmission Co. (Automatic transmission. 2,045,584; June 30.
- Cote, Charles H., assignor to J. F. Simpson, Orange, Mass. Holder. 2,039,779; May 5.
- Cotherman, Alexander E., San Jose, Calif. Pump. 2,033,328; Mar. 10.
- Cothran, James S., Charlotte, N. C. Juvenile toilet seat. 2,064,294; Dec. 15.
- Cotta Transmission Corporation. (See Nelson, Floyd R., assignor.)
- Cotter, Ernest W., South Croydon, assignor to J. Stone & Company Limited, Deptford, England. Sliding window. 2,065,431; Dec. 22.
- Cotter, George L., Wilkesburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Motor vehicle brake. 2,035,047; Mar. 24.
- Cotter, George L., Wilkesburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake and door interlock device. 2,039,705; May 5.
- Cotter, William F., and M. E. Bond, assignors to United American Bosch Corporation, Springfield, Mass. Oscillator circuit. 2,034,974; Mar. 24.
- Cotterman, Don R. (See Clark, S. C., Pryale, and Cotterman.)
- Cotterman, Don R. (See Pryale, H. M., Clark, and Cotterman.)
- Cotterman, Frederick W., assignor of one-half to Bessie D. Apple, Dayton, Ohio. Automotive transmission and braking mechanism. 2,032,050; Feb. 25.
- Cotterman, Frederick W., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Brake mechanism. 2,035,865; Mar. 31.
- Cotterman, Frederick W., assignor to B. D. Apple, Dayton, Ohio. Blank and method for making commutators. 2,038,419; Apr. 21.
- Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Overrunning clutch. 2,061,220; Nov. 17.
- Cotterman, Frederick W., Dayton, Ohio, assignor of one-half to B. D. Apple, Dayton, Ohio. Power transmission mechanism. 2,061,832; Nov. 24.
- Cottet, Emile C., Lyon, assignor to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Safety glass. 2,041,528; May 19.
- Cotton, Charles H., Kewanee, Ill., assignor to Walworth Patents Inc., Boston, Mass. Valve. 2,032,316; Feb. 25.
- Cotton-Wood Products, Inc. (See Gerard, August, and G. A., assignors.)
- Cottrell, C. B., & Sons Company. (See Barber, Howard M., assignor.)
- Cottrell, C. B., & Sons Company. (See Cottrell, Calvert B., assignor.)
- Cottrell, C. B., & Sons Company. (See Eckhard, William K., assignor.)
- Cottrell, 3d, Calvert B., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Motive fluid drive for reciprocating elements. 2,061,394; Nov. 17.
- Cottrell, McKenzie, Stratford, Conn., assignor to General Electric Company. Signaling system. 2,031,465; Feb. 18.
- Cottrell, Osceola P., Scarsdale, N. Y., assignor to Edeleanu Gesellschaft m. b. H. High octane number gasoline and method of manufacture. 2,028,121; Jan. 14.
- Cottrell, Herbert T., Vancouver, British Columbia, Canada. Hose supporter. 2,062,087; Nov. 24.
- Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Side frame. 2,057,710; Oct. 20.
- Coty, Alfred C. and T. E., Watertown, N. Y. Process and apparatus for making bags. 2,053,263; Sept. 8.
- Coty, Thomas E. (See Coty, Alfred C. and T. E.)
- Coty, Thomas E., Watertown, N. Y. Tuber. 2,028,145; Jan. 21.
- Coty, Thomas E., Watertown, N. Y. Bag. 2,038,544; Apr. 28.
- Coty, Thomas E., Watertown, N. Y. Valve bag and making the same. 2,045,585; June 30.
- Coubrough, George B., Long Beach, Calif., assignor to The Lummus Company, New York, N. Y. Fractionating petroleum mixtures. 2,030,281; Feb. 11.
- Coubrough, George B., Long Beach, assignor to The Lummus Company, New York, N. Y. Distilling oils. 2,035,945; Mar. 31.
- Couch, Forrest J., Rochester, N. Y., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Conditioning fabric articles. 2,043,466; June 9.
- Couch, Glenn F. (See Barrows, D. S., and Couch.)
- Couch, Glenn F., Rochester, assignor to The Symington Company, New York, N. Y. Journal box. 2,029,521; Feb. 4.
- Couch, Glenn F., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 2,032,353; Mar. 3.
- Couch, Glenn F., assignor to The Symington Company, Rochester, N. Y. Railway truck. 2,047,192; July 14.
- Couch, Glenn F., assignor to The Symington Company, Rochester, N. Y. Railway truck. 2,055,278; Sept. 22.
- Couch, Royden O., Grant, Fla. Dredge. 2,029,858; Feb. 4.
- Couch, Royden O., Grant, Fla. Aerating device. 2,045,442; June 23.
- Couetoux, Henri C. (See Mallet, C., and Couetoux.)
- Coughlin, Edward T. A., Park Ridge, Ill., assignor to The Barber Asphalt Company, Philadelphia, Pa. Floor covering. 2,056,958; Oct. 13.
- Couillard, George E. (See Foley, J. F., and Couillard.)
- Coulling, Harry M., assignor of one-fourth to B. Pierpont, Baltimore, Md. Internal combustion engine valve mechanism. 2,028,138; Jan. 21.
- Coulson, Charles H., Hanover, Pa. Heel forming machine. 2,029,654; Feb. 4.
- Coulston, Earl V., Shaker Heights, Ohio, assignor to Crown Stove Works, Cicero, Ill. Combination cooking range, table, and cabinet. 2,044,154; June 16.
- Coulter, Andrew C. I., Naalehu, Territory of Hawaii. Apparatus for straining sugar cane juice. 2,029,655; Feb. 4.
- Coulter, Harold B., Larchmont, assignor to The Dorr Company, Inc., New York, N. Y. Sedimentation apparatus. 2,064,151; Dec. 15.
- Coulter, Guy H. (See Arbuckle, S. F., and Coulter.)
- Coulter, James, Bridgeport, Conn. Multiple spindle boring machine. 2,027,023; Jan. 7.
- Coulter, Samuel N., Los Angeles, Calif. Garment supporter. 2,033,414; Mar. 10.
- Council, Henry M., Atlanta, Ga. Insect repeller. 2,043,404; June 9.
- Countryman, Beverly B., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Box. 2,051,027; Aug. 18.
- Coupe, Charles. (See Xardell, Charles A., assignor.)
- Coupier, Marcel M. J. E., Paris, J. R. Hellmann, Cligny, and C. E. Mildé, Paris, France. Covering wires. 2,061,350; Nov. 17.
- Coupland, Richard C., United States Army, Norfolk, Va. Trigger motor. 2,026,518; Jan. 7.
- Coupland, Richard C., U. S. Army, Norfolk, Va. Coupling. 2,043,237; June 9.
- Coupland, Richard C., United States Army, Norfolk, Va. Gun sight. 2,043,990; June 16.
- Coupland, Richard C., United States Army, Norfolk, Va. Clinometer for a rifle. 2,048,687; July 28.
- Coupland, Richard C., United States Army, Norfolk, Va. Trigger motor. 2,053,264; Sept. 8.
- Coupland, Richard C., United States Army, Norfolk, Va. Impulse generator. 2,053,265; Sept. 8.
- Coupleux, Edouard E., Tourcoing, France. Electric organ. 2,043,828; June 9.
- Couplings, Inc. (See Simmons, Raymond R., assignor.)
- Courmettes, Henry A., Brooklyn, N. Y. Surfacing solid bifocal lenses. 2,040,242; May 12.
- Court, Frank T., assignor to Deere & Company, Moline, Ill. Agricultural implement. 2,045,633; June 30.
- Court, Frank T., assignor to Deere & Company, Moline, Ill. Adjusting means for agricultural implements. 2,062,351; Dec. 1.
- Courtaulds Limited. (See Robertson, Stewart, assignor.)
- Courter, John W., New Orleans, La., assignor to United Shoe Machinery Corporation, Paterson, N. J. Abrading tool. 2,047,250; July 14.
- Courtland, Frank, Eau Galle, Wis. Artificial bait. 2,050,877; Aug. 11.
- Courtney, Orley R., Lansing, Mich. Streamline motorcycle body. 2,035,462; Mar. 31.
- Cousins, Albert F., Hibbing, Minn. Lettering guide. 2,041,993; May 26.
- Cousins, Henry E. C. (See Charles, H. N., and Cousins.)
- Cousins, Henry E. C., assignor of one-half to The M. G. Car Company Limited, Abingdon-on-Thames, England. Vehicle brake. 2,040,202; May 12.
- Coutant, Jay G., New York, N. Y. Boiler furnace. 2,033,685; Mar. 10.
- Coutant, Jay G., New York, N. Y. Purification of gases. 2,045,519; June 23.
- Coutor, Charles, assignor to Société Etablissements Lambiotte Freres, Premery (Nièvre Department), France. Process and apparatus for the continuous extraction or treatment of liquids. 2,036,924; Apr. 7.
- Coutts, Morton W., Otahuhu, and J. S. Gibbons, Onehunga, New Zealand. Bottle seal or cap. 2,043,319; June 9.
- Coutu, Alfred J., Detroit, Mich. Angular ball swivel union. 2,031,878; Feb. 25.



- Couture, Romeo J., Springfield, Mass., assignor of one-half to R. J. Talbot. Sandwich biscuit with means for fastening filling. 2,051,682; Aug. 18.
- Covelle, Albert E., Medford, Mass. Oculist's chart. 2,041,459; May 19.
- Coventry, Theodore M., Birmingham, England, assignor to Hookless Fastener Company. Handbag. 2,035,593; Mar. 31.
- Cover, Harvey S., South Bend, Ind. Respirator. 2,053,896; Sept. 8.
- Cover, Harvey S., South Bend, Ind. Respirator. 2,065,304; Dec. 22.
- Cover, Lester E., Lancaster, Pa., assignor to Armstrong-Newport Company, Pensacola, Fla. Laminated insulating block and fabricating the same. 2,050,247; Aug. 11.
- Coverknit Inc. (See Hinchliff, Ralph, assignor.)
- Coverly, William, Sandwich, Ontario, Canada. Cord fabric and impregnating the same. 2,058,954; Oct. 27.
- Coverston, George C., Fallon, Nev. Cooling apparatus. 2,045,215; June 23.
- Covert, Lloyd W. (See Bruson, H. A., and Covert.)
- Covert, Martin B., assignor to Renu Parts Corporation, Holland, Mich. Manufacture of piston rings. 2,033,093; Mar. 3.
- Covington, Revell K., et al. (See Summers, John R., assignor.)
- Covington, Theodosia E., et al. (See Summers, John R., assignor.)
- Coveyow, Daniel L., Chicago, Ill. Atomizing device for internal combustion engines. 2,054,070; Sept. 15.
- Cowan, Frank A., New York, N. Y., assignor to American Telephone and Telegraph Company. Regulation of transmission lines. 2,060,042; Nov. 10.
- Cowan, Frank A., and G. J. Goetz, New York, N. Y., assignors to American Telephone and Telegraph Company. Interconnection of transmission lines. 2,035,536; Mar. 31.
- Cowan, Harold G., E. R. Lake and S. B. Urbanowitz, assignors to American Envelope Company, Chicago, Ill. Printing device for envelope machines. 2,059,561; Nov. 3.
- Cowan, Henry B., Llanerch, and W. C. Zerman, Upper Darby Township, Delaware County, Pa., assignors to American Telephone and Telegraph Company. Truck platform ladder. 2,035,537; Mar. 31.
- Cowan, Park W., Los Angeles, Calif. Adjusting means for printing press rollers. 2,066,031; Dec. 29.
- Cowan, Rich, Comyn, Tex. Electric gauge. 2,028,501; Jan. 21.
- Coward, Harold W., Kenmore, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Separation of dinitrobenzene isomers. 2,040,123; May 12.
- Cowdery, Arthur B., Needham, Mass., assignor to The Barrett Company, New York, N. Y. Rubber compounding material and method of using. 2,052,607; Sept. 1.
- Cowdery, Arthur B., Needham, Mass., assignor to The Barrett Company, New York, N. Y. Molding compositions. 2,054,243; Sept. 15.
- Cowdrey Brake Tester, Inc. (See Kraft, Harry B., assignor.)
- Cowgill, William W., Fairfield, Conn., assignor to Sardik Incorporated, Jersey City, N. J. Preparing dry pectin. 2,032,687; Mar. 3.
- Cowgill, William W., Fairfield, Conn., assignor to Sardik Incorporated, Jersey City, N. J. Treating food materials. 2,037,009; Apr. 14.
- Cowgill, William W., Fairfield, Conn., assignor to Sardik Incorporated, Jersey City, N. J. Treatment of food materials. 2,061,188; Nov. 17.
- Cowgill, William W., Fairfield, Conn., and J. N. Pease, Scarsdale, N. Y., assignors to Sardik Incorporated, Jersey City, N. J. Container. 2,061,613; Nov. 24.
- Cowin, Herbert W. (See Jones, H. W., Bucknam, and Cowin.)
- Cowin, Herbert W., Westfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Blowpipe. 2,052,871; Sept. 1.
- Cowin, Stuart H., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,053,945; Sept. 8.
- Cowles Company, The. (See Cowles, Edwin, assignor.)
- Cowles, Edwin, Cleveland, Ohio, assignor to Cowles Engineering Corporation, Seward, N. J. Method and apparatus for refining paper stock. 2,033,123; Mar. 10.
- Cowles, Edwin, Cleveland, Ohio, assignor to The Cowles Company, Princeton, N. J. Washing machine. 2,036,852; Apr. 7.
- Cowles, Edwin, Cleveland, Ohio, assignor to Cowles Engineering Corporation, Seward, N. J. Apparatus for disintegrating, dissolving, and mixing solids in liquids. 2,057,478; Oct. 13.
- Cowles, Edwin, Princeton, assignor to The Electric Smelting & Aluminum Company, Seward, N. J. Method and apparatus for treating liquids. 2,055,836; Sept. 29.
- Cowles Engineering Corporation. (See Cowles, Edwin, assignor.)
- Cowles, Eugene, Shelbyville, Ky. Toy torpedo. 2,033,105; Mar. 3.
- Cowles, Irving, Detroit, Mich. Flexible conduit. 2,041,596; May 19.
- Cowles, Irving, Detroit, Mich. Flexible conduit and making. 2,054,362; Sept. 15.
- Cowles, Irving, Detroit, Mich. Swivel joint. 2,058,062; Oct. 20.
- Cowley, William J. N., Mount Vernon, N. Y. Container for dry material. 2,043,924; June 9.
- Cox, Albert B., Wilmington, assignor to Shell Development Company, San Francisco, Calif. Caliper. 2,030,244; Feb. 11.
- Cox, Edwin E., Los Angeles, Calif., assignor to Industrial Laboratories, Ltd., Chicago, Ill. Manufacturing distilled alcoholic liquors. 2,036,167; Mar. 31.
- Cox, Elmer F., Minneapolis, Minn. Hand restraining device. 2,043,153; June 2.
- Cox, George E., Niagara Falls, assignor to American Cyanamid Company, New York, N. Y. Granulating fertilizer. 2,035,866; Mar. 31.
- Cox, Gerald J., and M. L. Dodds, Pittsburgh, Pa., assignors, by mesne assignments, to Niacet Chemicals Corporation, New York, N. Y. Manufacture of esters of levulinic acid. 2,029,412; Feb. 4.
- Cox, Gerald J., and M. L. Dodds, Pittsburgh, Pa., assignors, by mesne assignments, to Niacet Chemicals Corporation, New York, N. Y. Manufacture of calcium levulinate. 2,033,909; Mar. 17.
- Cox, Henry J., New Orleans, La. Combined visor and ventilator for motor vehicles. 2,028,827; Jan. 28.
- Cox, Henry L., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Preservation of organic solvents. 2,035,383; Mar. 24.
- Cox, Henry L., Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Prevention of solution loss from liquid systems. 2,042,830; June 2.
- Cox, Henry L., South Charleston, and P. S. Greer, Charleston, W. Va., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Preparation of esters. 2,030,835; Feb. 11.
- Cox, Henry L., and T. F. Carruthers, assignors to Carbide and Carbon Chemicals Corporation, South Charleston, W. Va. Purifying dialkyl sulphates. 2,033,910; Mar. 17.
- Cox, Henry L., and T. D. Roper, Jr., South Charleston, W. Va., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Preparation of dialkyl ethers of glycol. 2,044,468; June 16.
- Cox, Henry L., and T. F. Carruthers, South Charleston, W. Va., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Hydroxy carboxylic acid esters. 2,046,150; June 30.
- Cox, Henry L., South Charleston, and P. S. Greer, Charleston, W. Va., assignors to Union Carbide and Carbon Corporation. Production and purification of diethyl ether. 2,050,600; Aug. 11.
- Cox, Henry W., North Melbourne, Victoria, Australia. Wire tightening and twisting mechanism. 2,049,108; July 28.
- Cox, James E., Oakland, assignor, by mesne assignments, to D. M. Dorman, Los Angeles, Calif. Compound for treating petroleum. 2,032,527; Mar. 3.
- Cox, James L., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Arc discharge lamp. 2,060,043; Nov. 10.
- Cox, James L., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electrode structure for electric discharge lamps. 2,060,610; Nov. 10.
- Cox, Jerome R. (See Carroll, E. G., and Cox, assignors.)
- Cox, John C., assignor to Wagner Electric Corporation, St. Louis, Mo. Braking apparatus. 2,058,063; Oct. 20.
- Cox, John W., Highland Park, assignor to Self-Locking Carton Co., Chicago, Ill. Carton. 2,037,502; Apr. 14.
- Cox, Joseph F., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Button. 2,051,405; Aug. 18.
- Cox, Joseph F., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Button. 2,061,506; Nov. 17.
- Cox, Merrill. (See Irwin, J. P., Thorne, and Cox.)
- Cox, Thomas F. (See Bettcher, C. W., and Cox.)
- Cox, William A. (See John, Frank B., assignor.)
- Cox, William P., assignor to The Timken Roller Bearing Company, Canton, Ohio. Brake shoe. 2,048,921; July 28.
- Cox, William P., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing cage. 2,063,586; Dec. 8.
- Cox, William P., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing cage. 2,063,587; Dec. 8.
- Coxhead, Harry B., Plainfield, N. J., assignor to American Telephone and Telegraph Company. Selective signaling system. 2,040,471; May 12.
- Coxhead, Ralph C., Corporation. (See Pitman, Henry L., assignor.)
- Coxhead, Ralph C., Corporation. (See Spaloss, Frank, assignor.)
- Coy, Joseph A., Norwood, Ohio, assignor to The Wadsworth Electric Manufacturing Company, Covington, Ky. Mounting socket for elongated incandescent lamps. 2,038,270; Apr. 21.
- Coyle, John H., Hartford, Conn., assignor to The Billings & Spencer Company. Wrench clip. 2,030,148; Feb. 11.
- Coyne, James F., East Greenwich, R. I. Audiometer. 2,052,167; Aug. 25.
- Coyne, John J., Forest Hills, N. Y. Stereotype blanket. 2,048,841; July 28.
- Cozzens, Charles O., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,049,107; July 28.



- Cozzo, Giuseppe, assignor to Società Italiana Pirelli, Milan, Italy. Vulcanizing press for pneumatic tires, inner tubes, and similar articles. 2,029,060; Jan. 28.
- Cozzoli, Frank, Plainfield, N. J. Oil burner. 2,029,859; Feb. 4.
- Crabb, Earl L., assignor to Planetellus Manufacturing Corporation, Chicago, Ill. Vending machine. 2,050,161; Aug. 4.
- Crabb, Lester M., Flint, assignor to General Motors Corporation, Detroit, Mich. Valve for eliminating odor and smoke in exhaust gases. 2,037,459; Apr. 14.
- Crabb, Lester M., Flint, assignor to General Motors Corporation, Detroit, Mich. Carburetor. 2,040,922; May 19.
- Crabbs, Herbert J., Wilksburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,027,900; Jan. 14.
- Crabbs, Herbert J., Wilksburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,039,059; Apr. 28.
- Crabbs, Herbert J., and H. L. Rawlins, Wilksburg, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,050,277; Aug. 11.
- Crabtree, John I., and P. W. Vittum, assignors to Eastman Kodak Company, Rochester, N. Y. Fine-grain developers. 2,053,516; Sept. 8.
- Crabtree, John I., and H. D. Russell, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Acid hardening fixing composition and preparing the same. 2,063,297; Dec. 8.
- Crabtree, Levi A., assignor of twelve and one-half per cent to G. W. Boettner, Rockport, Mo. Tire chain applier for vehicles. 2,033,115; Mar. 10.
- Craddock, Frederick L., assignor to Mixing Equipment Company, Inc., Rochester, N. Y. Safety mixer. 2,042,511; June 2.
- Crady, Allen E., assignor to The Lamson Company, Syracuse, N. Y. Conveyor mechanism. 2,063,230; Dec. 8.
- Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Printing. 2,047,357; July 14.
- Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Stereotype plate shaving machine. 2,050,829; Aug. 11.
- Crafts, Irving M., assignor to The Pickering Governor Company, Portland, Conn. Governor. 2,047,577; July 14.
- Crafts, Irving M., Portland, and C. B. Taylor, Middletown, assignors to The Pickering Governor Company, Portland, Conn. Hand control for engine starting mechanism. 2,047,578; July 14.
- Crafts, Walter. (See Kinzel, A. B., and Crafts.)
- Cragg, Arthur C., et al. (See Dean, S. A., and Russell, assignors.)
- Crago, Paul H., Wilksburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,053,897; Sept. 8.
- Crago, Paul H., Wilksburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,056,712; Oct. 6.
- Crago, Paul H., Wilksburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Light responsive apparatus. 2,063,298; Dec. 8.
- Crago, Paul H., Wilksburg, and A. E. Dodd, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,061,756; Nov. 24.
- Craig, Burnie J., San Gabriel, Calif. Scorecard. 2,055,518; Sept. 29.
- Craig, David, Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidants. 2,048,781; July 28.
- Craig, David A., London, and V. G. Walsh, Stanmore Park, assignors to Craigway Systems Limited, London, England. Apparatus for dispensing liquids. 2,033,329; Mar. 10.
- Craig, Edmond F., Bellaire, Ohio, assignor of two-fifths to C. B. Douglass, Wheeling, W. Va. Cord holder and take-up for electric irons. 2,047,060; July 7.
- Craig, Edwin H., Shippensburg, Pa. Game device. 2,061,221; Nov. 17.
- Craig, Harley J. (See Wickersham, H. P., and Craig.)
- Craig, John F., Upper Montclair, N. J., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 2,032,167; Feb. 25.
- Craig, Margaret E., Dallas, Tex. Safety fastener. 2,057,012; Oct. 13.
- Craig, Palmer H., Bethlehem, Pa., assignor to Invex Corporation, New York, N. Y. Power control circuits. 2,054,496; Sept. 15.
- Craig, Palmer M., Camden, and A. K. Ward, Audubon, N. J., assignors to Radio Corporation of America. Visual volume control. 2,064,462; Dec. 15.
- Craig, Wallace A., Los Angeles, and F. Griffith, Long Beach, assignors to William C. McDuffie, receiver for Richfield Oil Company of California. Asphalt coating material and producing same. 2,038,023; Apr. 21.
- Craighead, Bedia L., assignor of one-half to N. W. Jackson, San Antonio, Tex. Door stop and holder. 2,042,297; May 26.
- Craigway Systems Limited. (See Craig, D. A., and Walsh, assignors.)
- Craik, James. (See Levesley, A. S., and Craik.)
- Craik, James, Stevenston, Scotland, assignor to Imperial Chemical Industries Limited. Cellulose derivative solutions and making the same. 2,036,257; Apr. 7.
- Crain, Darrell C., Washington, D. C. Container and closure retainer therefor. 2,034,799; Mar. 24.
- Craine, John R. T., Pittsfield, Mass., assignor to General Electric Company. Electrolytic device. 2,051,592; Aug. 18.
- Crall, Anna W. (owner by decree of distribution). (See Crall, Prentiss R.)
- Crall, Prentiss R., A. W. Crall, Columbus, Ohio, owner by decree of distribution. Loose leaf binder. 2,036,853; Apr. 7.
- Cralley, Lawrence W., East St. Louis, Ill. Knife. 2,040,596; May 19.
- Cram, Hervey G., Boston, Mass. Mounting of siphon pipes and the like. 2,045,634; June 30.
- Cram, Hervey G., Boston, Mass. Evacuation of condensate. 2,049,050; July 28.
- Cram, Ralph L. (See Minshall, R. J., and Cram.)
- Cramer, Albert N., assignor to A. B. Cramer, Toledo, Ohio. Process and machine for forming glass articles. 2,045,699; June 30.
- Cramer, Alice B. (See Cramer, Albert N., assignor.)
- Cramer, Frank F., Swissvale, and H. H. Locke, Wilksburg, Pa. Making of railroad rails. 2,032,738; Mar. 3.
- Cramer, Frank H., Chicago, Ill. Jack and pile adjusting means. 2,065,564; Dec. 29.
- Cramer, Grant W., assignor to Dura Company, Toledo, Ohio. Tray assembly. 2,062,807; Dec. 1.
- Cramer, Howard I. (See Adkins H., and Cramer.)
- Cramer, Howard I. (See Calvert, W. C., and Cramer.)
- Cramer, Howard I., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Preparing organic disulphides. 2,043,949; June 9.
- Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Di tetrahydrofurfuryl amines and preparation thereof. 2,047,926; July 14.
- Cramer, Howard I., Cuyahoga Falls, Ohio, assignor, by mesne assignments, to Wingfoot Corporation, Wilmington, Del. Accelerator of vulcanization. 2,050,208; Aug. 4.
- Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Thiazyl derivatives and making. 2,064,782; Dec. 15.
- Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Thiazyl derivatives. 2,064,783; Dec. 15.
- Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Thiazyl-dithiocarbamates. 2,064,784; Dec. 15.
- Cramer, Jesse F. (See Cramer, Roy A. and J. F.)
- Cramer, Joseph D., Goshen, Ind., assignor to The Chase Bag Company, New York, N. Y. Bag or sack. 2,061,375; Nov. 17.
- Crämer, Richard, Berlin-Steglitz, Germany, assignor to General Electric Company. Rectification of alternating currents. 2,053,133; Sept. 1.
- Cramer, Robert, and A. C. Orthmann, Milwaukee, Wis. Execution device. 2,064,822; Dec. 22.
- Cramer, Roy A. and J. F., Kansas City, Mo. Adjustable chair. 2,054,557; Sept. 15.
- Cramer, Stanley S., Haddon Heights, assignor to Radio Condenser Company, Camden, N. J. Helical gear and making the same. 2,039,706; May 5.
- Cramer, Stanley S., Haddon Heights, assignor to Radio Condenser Company, Camden, N. J. Making a helical gear. 2,039,707; May 5.
- Cramer, Stanley S., Haddon Heights, assignor to Radio Condenser Company, Camden, N. J. Helical gear and making same. 2,047,820; July 14.
- Cramer, Thomas M., Carshad, N. Mex., and G. A. Connell, San Pedro, Calif., assignors to Pacific Coast Borax Co. Extracting potash salts from crude salts. 2,058,300; Oct. 20.
- Crammond, Earle D. (See Gemeny, Blaine B., assignor.)
- Cramp, Benjamin. (See Cramp, Richard, R. G. W., and B.)
- Cramp, Richard G. W. (See Cramp, Richard, R. G. W., and B.)
- Cramp, Richard, R. G. W., and B., Barking-side, Ilford, England. Toy and game apparatus. 2,028,139; Jan. 21.
- Crampton Canneries, Inc. (See Burge, Harry, assignor.)
- Crampton, Donald K., Marion, and N. W. Mitchell, assignors to The Chase Companies, Incorporated, Waterbury, Conn. Corrosion-resistant tube. 2,061,897; Nov. 24.
- Crampton, Rollin M., New York, N. Y., assignor to L. Wilbur, North Caldwell, N. J. Canvas separator. 2,038,890; Apr. 28.
- Crandall, George W., Itasca, assignor to C. E. Swann, Chicago, Ill. Pressure regulator. 2,051,028; Aug. 18.
- Crandall, Loid J. W. Davis, and L. J. Lindquist, assignors to H. A. Morgan, Los Angeles, Calif. Inkwell base. 2,053,517; Sept. 8.
- Crandell, Dean D. (See Kaufmann, H. O., and Crandell.)
- Crandell, Dean D., assignor to National Gypsum Company, Buffalo, N. Y. Sealed joint. 2,064,785; Dec. 15.
- Crane, Carl J., and W. C. Ocker, Brooks Field, Tex. Bank and turn indicator. 2,053,182; Sept. 1.
- Crane, Carl J., and W. C. Ocker, Brooks Field, Tex. Aerial flight integrator. 2,053,183; Sept. 1.
- Crane Co. (See Beckwith, Clinton H., assignor.)
- Crane Co. (See Cekal, James G., assignor.)



- Crane Co. (See Dopp, C. A., and Fennema, assignors.)  
 Crane Company. (See Frederickson, Edward A., assignor.)  
 Crane Co. (See Fredrickson, E. A., and Cekal, assignors.)  
 Crane Co. (See Kliment, William P., assignor.)  
 Crane Co. (See Olson, C. A., and Magos, assignors.)  
 Crane Co. (See Patterson, Glenn A., assignor.)  
 Crane Co. (See Patterson, G. A., and Martin, assignors.)  
 Crane Co. (See Sorensen, Alfred K., assignor.)  
 Crane Co. (See Spring, L. W., and Kanter, assignors.)  
 Crane Co. (See Zinkil, Roy H., assignor.)  
 Crane Co. (See Zinkil, R. H., and Marchand, assignors.)  
 Crane Company of Minnesota. (See Clark, Frank G., assignor.)  
 Crane Company of Minnesota. (See Hougland, Albert C., assignor.)  
 Crane, Edward J., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Power transmission mechanism. 2,064,295; Dec. 15.  
 Crane, Edward J., Oak Park, Ill., and D. V. Waters, Cranford, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Variable pressure apparatus. 2,030,966; Feb. 18.  
 Crane, Henry M., assignor to General Motors Corporation, New York, N. Y. Automobile suspension system. 2,027,577; Jan. 14.  
 Crane, Joshua, Boston, Mass. Sock and stocking. 2,034,897; Mar. 24.  
 Crane, Joshua, Boston, Mass. Safety razor. 2,065,267; Dec. 22.  
 Crane, Myrick. (See Hurst, E., and Crane.)  
 Crane Packing Company. (See Brackett, Newell, assignor.)  
 Crane Packing Company. (See Howland, E. G., and Payne, assignors.)  
 Crane Packing Company. (See Payne, F. E., and Matter, assignors.)  
 Crane, Paul W., Montclair, and R. T. Fields, Arlington, N. J., assignors to DuPont Viscoloid Company, Wilmington, Del. Seasoning plastic. 2,028,502; Jan. 21.  
 Crane, Ralph E. (See Chesnut, R. W., Crane and Huber.)  
 Crane, Sylvain F. (See Collins, R. D., and Crane.)  
 Cranon, Israel C., assignor to E. Callan, Los Angeles, Calif. Carpet sweeper comb. 2,032,345; Mar. 3.  
 Crary, Horace A., assignor to Pennsylvania Furnace & Iron Company, Warren, Pa. Truck tank mounting means. 2,065,268; Dec. 22.  
 Crary, Palmer H., assignor of one-third to C. A. Fascell, Coconut Grove, Fla. Brake. 2,042,390; May 26.  
 Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Protective apparatus for alternating current power systems. 2,066,143; Dec. 29.  
 Craske, Alfred H., Salisbury, England. Reciprocating piston engine. 2,038,024; Apr. 21.  
 Crater, Willard de C., Newark, assignor to Hercules Powder Company, Wilmington, Del. Explosive. 2,055,403; Sept. 22.  
 Cravath, Austin M. (See Devol, L., and Cravath, assignors.)  
 Craver, Albert F., Lakewood, assignor to The Cleveland Heater Company, Cleveland, Ohio. Electric water heater. 2,029,987; Feb. 4.  
 Crawford, Andrew T., McPherson, Kans. Oil rig support. 2,057,558; Oct. 13.  
 Crawford, Arthur B., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio repeating system for ultra-short waves. 2,044,061; June 16.  
 Crawford, Carl H. (See Fosdick, Ellery R., assignor.)  
 Crawford Door Company. (See Casse, Joseph E., assignor.)  
 Crawford Door Company, The. (See Graham, Matthew P., assignor.)  
 Crawford, Frederick A. F., West Kilbride, and W. A. P. Challenor, Ardrossan, England, assignors to Imperial Chemical Industries Limited. Nitration of glycerin. 2,061,728; Nov. 24.  
 Crawford, Frederick C., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Joint. 2,056,257; Oct. 6.  
 Crawford, Harry T., Los Gatos, Calif. Apricot cutter. 2,047,006; July 7.  
 Crawford, Harvey B., La Canada Township, Los Angeles County, Calif. Dispensing device. 2,031,820; Feb. 25.  
 Crawford, John W., Flint, Mich. Chicken brooder. 2,041,049; May 19.  
 Crawford, John W. C., Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Production of esters. 2,041,820; May 26.  
 Crawford, John W. C., Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Production of esters of methacrylic acid. 2,042,458; June 2.  
 Crawford, John W. C., Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Plastic and coating composition. 2,045,979; June 30.  
 Crawford, John W. C., Eaglescliffe, England, assignor to Imperial Chemical Industries Limited. Polymerization of derivatives of unsaturated organic acids. 2,054,740; Sept. 15.  
 Crawford, John W. C., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Production of esters of methacrylic acid. 2,056,771; Oct. 6.  
 Crawford, Loyal F., assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,047,618; July 14.  
 Crawford, Oscar J., and J. W. Brown, assignors of one-third to R. E. White, Anderson, Ind. Alternating taillight and signal. 2,032,472; Mar. 3.  
 Crawford, Robert B. P., Brooklyn, N. Y. Regenerative air conditioning system. 2,057,938; Oct. 20.  
 Crawford, Roland A., La Mesa, Calif. Tooth brush. 2,040,245; May 12.  
 Crawford, Roland A., Tenaha, assignor of fifteen per cent to J. P. Lloyd, Center, Tex. Catline clamp. 2,066,094; Dec. 29.  
 Crawford, Samuel W., assignor to National Bearing Metals Corporation, St. Louis, Mo. Machine for lining bearings. 2,044,834; June 23.  
 Crawford, Wayland H. (See Miller, William A., assignor.)  
 Crawford, William L., Plainfield, N. J. Flat stereotype metal distributor. 2,064,734; Dec. 15.  
 Creager, Frederick L., Camden, N. J., assignor to Radio Corporation of America. Resistor. 2,051,517; Aug. 18.  
 Creager, Frederick L., Merchantville, and M. Lee McMurtrey, Camden, N. J., assignors to Radio Corporation of America. Loud speaker. 2,027,473; Jan. 14.  
 Cream Cone Machine Company, The. (See Taylor, Carl R., assignor.)  
 Creamer, Edgar R., assignor to The George R. Carter Company, Detroit, Mich. Lining for window guides and applying the same. 2,027,811; Jan. 14.  
 Creamer, Edgar R., Detroit, Mich. Cord fastening. 2,057,881; Oct. 20.  
 Creamer, Edgar R., Detroit, Mich. Upholstery molding. 2,064,823; Dec. 22.  
 Creamery Package Mfg. Company, The. (See De Ville, Edward J., assignor.)  
 Creative Industries, Inc. (See Severy, Victor H., assignor.)  
 Creber, William H., Los Angeles, Calif. Casement latching device. 2,045,837; June 30.  
 Crecca, John D., U. S. Navy, and S. M. Phillips, Westbury, N. Y. Breather valve. 2,028,754; Jan. 28.  
 Crecca, John D., U. S. Navy, and S. M. Phillips, Westbury, N. Y. Breather valve. 2,028,755; Jan. 28.  
 Crecca, John D., U. S. Navy, and S. M. Phillips, Westbury, N. Y. Breather valve. 2,028,756; Jan. 28.  
 Crecca, John D., U. S. Navy, and S. S. Scott, St. Albans, N. Y. Apparatus for end-welding. 2,057,670; Oct. 20.  
 Cree, John, Caistor Centre, Ontario, and J. W. Horn, Hamilton, Ontario, Canada. Camera attachment. 2,029,222; Jan. 28.  
 Creech, T. R., (See Shannon, Charles R., assignor.)  
 Creech, Taylor, assignor, by mesne assignments, to First Trust and Savings Bank, Davenport, Iowa, Trustee. Bread slicing machine. 2,056,134; Sept. 29.  
 Creech, Taylor W., Davenport, assignor, by mesne assignments, to Micro-Westco, Inc., Bettendorf, Iowa. Slicing machine. 2,060,460; Nov. 10.  
 Creed, Bennett C., Hinsdale, Ill. Device for packaging tape and thread. 2,041,324; May 19.  
 Creed & Company. (See Thompson, A. E., and Salmon, assignors.)  
 Creek, Harold C., et al. (See Creek, Walter, assignor.)  
 Creek, Viola E., et al. (See Creek, Walter, assignor.)  
 Creek, Walter, assignor of one-third to V. E. Creek, Wichita, and one-third to H. C. Creek, Eureka, Kans. Cement bailer. 2,054,314; Sept. 15.  
 Creese, Donald L., and W. E. Davis, Springfield, and A. G. Miller, Greenfield, Mass. Work glove. 2,034,609; Mar. 17.  
 Creigier, John E., Chappaqua, assignor to Junior Manufacturing Corporation, Mount Kisco, N. Y. Power attachment for lawn mowers. 2,066,174; Dec. 29.  
 Creighton, Harry M. (See Berndt, E. C., and Creighton.)  
 Creighton, Harry M., East Norwalk, and E. C. Berndt, Norwalk, assignors to The R. U. V. Engineering Corporation, South Norwalk, Conn. Active ray treating device. 2,029,612; Feb. 4.  
 Creighton, Harry M., East Norwalk, and E. C. Berndt, Norwalk, assignors to The R. U. V. Engineering Corporation, South Norwalk, Conn. Active ray treating device. 2,065,054; Dec. 22.  
 Creighton, Melvin, Rensselaer Falls, N. Y. Shingle. 2,050,162; Aug. 4.  
 Cremer, Hans, assignor to Gebr. Eickhoff, Maschinenfabrik und Eisengiesserei, Bochum, Germany. Shaking conveyor. 2,037,407; Apr. 14.  
 Crescent Brass and Pin Company. (See Alpeters, John C., assignor.)  
 Creson, William K., assignor to Ross Gear & Tool Company, Lafayette, Ind. Horn button. 2,061,222; Nov. 17.  
 Cresson, Lawrence, Hammond, Ind. Device for flattening collapsible tubes. 2,058,667; Oct. 27.  
 Cretcher, Leonard H. (See Butler, C. L., and Cretcher.)  
 Cretcher, Leonard H. (See Souther, B. L., Butler, and Cretcher.)  
 Cretcher, Leonard H., W. L. Nelson, C. L. Butler, and A. G. Renfrew, Pittsburgh, Pa., assignors to Mellon Institute of Industrial Research. Cinchona alkaloid derivative. 2,033,514; Mar. 10.  
 Cretcher, Leonard H., C. L. Butler, and A. G. Renfrew, Pittsburgh, Pa., assignors to Mellon Institute of Industrial Research. Apocuprene and apocuprene derivatives. 2,033,515; Mar. 10.  
 Cretney, Robert W., Sterlington, La., assignor to Thermatomic Carbon Company, Pittsburgh, Pa. Manometer. 2,045,635; June 30.



- Creveling, John L., near Tucson, Ariz., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,044,469; June 16.
- Creveling, John L., near Tucson, Ariz., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,055,600; Sept. 29.
- Cribben & Sexton Company. (See Wilkinson, G. D., and Pellegrin, assignors.)
- Crick, Burton F., Peers, Alberta, Canada. Belt fastener. 2,032,005; Feb. 25.
- Crickmer, C. S. (See Thaheld, Feri A., assignor.)
- Crickmer, Charles S., assignor to The Guiberson Corporation, Dallas, Tex. Friction shoe. 2,035,637; Mar. 31.
- Criley, William W., Cleveland, Ohio. Drive means for forging machines and the like. 2,032,836; Mar. 3.
- Criley, William W., Cleveland, Ohio. Timing and control mechanism. 2,052,752; Sept. 1.
- Criley, William W., Cleveland, Ohio. Extruding socket forgings. 2,054,244; Sept. 15.
- Criley, William W., assignor to The Ajax Manufacturing Company, Cleveland, Ohio. Forging machine. 2,038,165; Apr. 21.
- Crim, E. B. (See Eady, Ernest H., assignor.)
- Crimmins, William C., Chicago, Ill. Fuse. 2,059,681; Nov. 3.
- Criner, Harry J., Davenport, Iowa. Bread slicing machine. 2,032,118; Feb. 25.
- Criner, Harry J., Davenport, assignor, by mesne assignments, to The Micro Corporation, Bettendorf, Iowa. Slicing bread. 2,031,252; Feb. 18.
- Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,034,898; Mar. 24.
- Criner, Harry J., Davenport, assignor, by mesne assignments, to The Micro Corporation, Bettendorf, Iowa. Bread slicing machine. 2,044,835; June 23.
- Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,045,838; June 30.
- Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Apparatus for grinding serrated cutting blades. 2,062,352; Dec. 1.
- Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Roll and bun slicer. 2,062,353; Dec. 1.
- Criqui, Albert A., assignor to Buffalo Forge Company, Buffalo, N. Y. Fan. 2,031,466; Feb. 18.
- Crist, Edgar L., Dayton, Ohio. Producing printing plates. 2,064,057; Dec. 15.
- Crist, George W., Detroit, Mich., assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Piston. 2,051,546; Aug. 18.
- Crist, George W., Detroit, Mich., assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Piston. 2,051,547; Aug. 18.
- Crist, Walter J., and C. W. Hess, Middletown, N. Y. Flush valve. 2,042,391; May 26.
- Cristallini, Charles O., Shrewsbury, assignor to Cristy Vita-Flex Shoe Corporation, Worcester, Mass. Shoe. 2,049,604; Aug. 4.
- Cristiani, Amedeo, Lake Placid, N. Y. Gauge. 2,060,927; Nov. 17.
- Cristy Vita-Flex Shoe Corporation. (See Cristallini, Charles O., assignor.)
- Criswell, Carmer, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Torque loading device. 2,057,136; Oct. 13.
- Critchett, James H., Douglaston, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Alloy. 2,058,375; Oct. 20.
- Critchett, James H., Douglaston, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Copper-chromium alloy. 2,058,376; Oct. 20.
- Critchfield, Robert M., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Air horn. 2,042,881; June 2.
- Critchfield, Robert M., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Sound signal. 2,046,772; July 7.
- Critchfield, Robert M., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Gaseous discharge tube circuit. 2,050,922; Aug. 11.
- Critchfield, Robert M., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Electromagnetic horn. 2,055,376; Sept. 22.
- Critchley, James V., assignor to Fitz-On Sales Corporation, Worcester, Mass. Making shoes. 2,034,329; Mar. 17.
- Critchlow, Ezra F., Munhall, Pa., assignor to Westinghouse Electric & Manufacturing Company. Traffic control apparatus. 2,060,798; Nov. 17.
- Crites, Bert O., University Heights, assignor to The Gibbs Manufacturing Company, Canton, Ohio. Deodorizing. 2,054,966; Sept. 22.
- Crites, Bert O., University Heights, assignor to The Climacene Company, Canton, Ohio. Making a water-softening cleanser. 2,065,117; Dec. 22.
- Crites, Joe, Evanston, assignor to Raymond Brothers Impact Pulverizer Company, Chicago, Ill. Flash drier. 2,033,757; Mar. 10.
- Crites, Robert A. (See Hanson, C. W., and Crites.)
- Crittenden, Eugene D., Syracuse, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Production of nitrates. 2,053,518; Sept. 8.
- Crittenden, Philip L. (See Miller, R. E., and Crittenden.)
- Crittenden, Philip L., and B. S. Aikman, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor protective device. 2,052,168; Aug. 25.
- Crossdale, John P., Berwyn, Pa. Lamp shade support. 2,061,757; Nov. 24.
- Croce, Richard D., New York, N. Y. Lining for fruit boxes and the like. 2,031,694; Feb. 25.
- Crocker, Ernest B. (See Hopkins, F. H., and Crocker.)
- Crocker, Ernest C., Belmont, Mass., assignor, by mesne assignments, to The Lane Company, Inc. Cedar receptacle and coating surfaces thereof. 2,058,571; Oct. 27.
- Crocker, Ernest C., Belmont, and L. F. Henderson, Reading, Mass., assignors to A. D. Little, Incorporated, Cambridge, Mass. Stabilizing soap. 2,040,430; May 12.
- Crocker, Ralph W. (See Harmon, K. A., and Crocker.)
- Crocker, Thomas F., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,035,594; Mar. 31.
- Crocker, Thomas F., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,037,214; Apr. 14.
- Crocker, Thomas F., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,043,653; June 9.
- Crocker, Thomas F., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,047,619; July 14.
- Crocker, William D. (See Lang, G. J., Martin, and Crocker.)
- Crocker-Wheeler Electric Manufacturing Company. (See Edmunds, Howard M., assignor.)
- Crocker-Wheeler Electric Manufacturing Company. (See Spencer, Millard C., assignor.)
- Crockett, Lucien O. (See McAfee, A. M., and Crockett.)
- Crockett, Robert A., Liverpool, England. Brake mechanism. 2,032,837; Mar. 3.
- Crockford, Joseph R., Forest Hills, N. Y., assignor to Johnson & Johnson, New Brunswick, N. J. Padding protection for flatwork ironers. 2,033,894; Mar. 10.
- Croco, Carlton W. (See Williams, I., and Croco.)
- Croft, Hiram D. (See Perkins, J. L., and Croft.)
- Croft, Richard R., Mile End, Portsmouth, England. Device for cleaning tobacco pipes, cigarette-holders, and the like. 2,049,196; July 28.
- Crofton, Charles, and Company (Engineers) Limited. (See Byers, Frederick D., assignor.)
- Cromar Co., The. (See Dittmar, Irvin F., assignor.)
- Crompton, George, Jr., et al. (See Friedlein, Elbert L., assignor.)
- Crompton & Knowles Jacquard & Supply Company. (See Foster, Herbert V., assignor.)
- Crompton & Knowles Loom Works. (See Bergstrom, C. P., and Palmer, assignors.)
- Crompton & Knowles Loom Works. (See Brouwer, Benjamin W., assignor.)
- Crompton & Knowles Loom Works. (See Cederlund, A., and Holmes, assignors.)
- Crompton & Knowles Loom Works. (See Darwin, Clifford, assignor.)
- Crompton & Knowles Loom Works. (See Gordon, Albert A., assignor.)
- Crompton & Knowles Loom Works. (See Gordon, A. A., 3d, and Latham, assignors.)
- Crompton & Knowles Loom Works. (See Holmes, Elbridge R., assignor.)
- Crompton & Knowles Loom Works. (See Holmes, E. R., and Palmer, assignors.)
- Crompton & Knowles Loom Works. (See Jennings, Victor H., assignor.)
- Crompton & Knowles Loom Works. (See Payne, Oscar V., assignor.)
- Crompton & Knowles Loom Works. (See Robertson, William W., assignor.)
- Crompton & Knowles Loom Works. (See Santon, Elliot A., assignor.)
- Crompton & Knowles Loom Works. (See Turner, Richard G., assignor.)
- Crompton & Knowles Loom Works. (See Vose, Lewis S., assignor.)
- Crompton & Knowles Loom Works. (See Wakefield, Walter H., assignor.)
- Cronan, Joseph G., Rose Creek, Minn., and J. E. Heraty, said Cronan assignor to said Heraty, LaCrosse, Wis. Foot appliance. 2,033,758; Mar. 10.
- Cronhardt, Constance. (See Skoglund, Joseph A., assignor.)
- Cronin, Ira J., Highland Park, Mich. Fishing bait. 2,038,829; Apr. 28.
- Cronyn, Vincent J., and H. Peruzzini, Buffalo, N. Y. Apartment stove. 2,040,598; May 12.
- Crooks, Earl G., assignor to Chemung Engineering Corporation, Elmira, N. Y. Winding machine. 2,065,363; Dec. 22.
- Crooks, Fuller A., San Francisco, Calif. Modulating system. 2,056,167; Oct. 6.
- Crooks, Harold S., and G. Highfield, assignors of one-half to Dunn & Lewis, Tulsa, Okla. Deep well pump. 2,063,839; Dec. 8.



- Croon, Herman V., Chicago, Ill., assignor to Marvel Carburetor Company, Flint, Mich. Carburetor. 2,054,363; Sept. 15.
- Crop Protection Institute. (See Nikitin, A. A., Myers, and Adams, assignors.)
- Crosby, Earl M. (See O'Shea, J., Ross, and Crosby.)
- Crosby, Edwin L., assignor to Detroit Electric Furnace Company, Detroit, Mich. Slag and agitation heat treatment of metals. 2,040,167; May 12.
- Crosby, Ernest M. (See Sinquefeld, Rex W., assignor.)
- Crosby, George A., West Newton, assignor to Steam Motors, Inc., Boston, Mass. Throttle valve. 2,047,901; July 14.
- Crosby, John D. (See Shreve, R. N., Pritchard, Farr, Still, and Crosby.)
- Crosby, Loren G., King County, near Kent, Wash. Package stiffener. 2,052,015; Aug. 25.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulation. 2,032,403; Mar. 3.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Modulation system. 2,033,231; Mar. 10.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Receiving system. 2,042,831; June 2.
- Crosby, Murray G., Riverhead, Long Island, N. Y., assignor to Radio Corporation of America. Crystal controlled circuit. 2,048,782; July 28.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Receiving system. 2,060,611; Nov. 10.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase or amplitude modulated wave demodulator. 2,063,588; Dec. 8.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Receiver. 2,064,106; Dec. 15.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Automatic frequency control system. 2,065,565; Dec. 29.
- Crosby, Ogden E. (See Wilson, A. M., and Crosby.)
- Crosby, Ralph H., Hammond, and B. R. Carney, East Chicago, Ind. Treating mineral oil distillates. 2,030,245; Feb. 11.
- Crosby, Stephen A., assignor to Parrot Speed Fastener Corporation, New York, N. Y. Staple. 2,033,613; Mar. 10.
- Crosier, Frank B., Beloit, Wis. Process and apparatus for producing stereopticon motion pictures. 2,056,600; Oct. 6.
- Crosley, Lewis M. (See Boone, W., and Crosley.)
- Crosley, Powell, Jr., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Ventilating construction for mechanical refrigerators. 2,032,913; Mar. 3.
- Crosley, Powell, Jr., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Antenna device for vehicles. 2,055,519; Sept. 29.
- Crosley, Powell, Jr., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Motor boat and driving unit therefor. 2,064,463; Dec. 15.
- Crosley, Powell, Jr., and R. H. Money, assignors to The Crosley Radio Corporation, Cincinnati, Ohio. Refrigerator construction. 2,047,996; July 21.
- Crosley, Powell, Jr., and E. Austin, assignors to The Crosley Radio Corporation, Cincinnati, Ohio. Shelf unit for refrigerator doors. 2,061,453; Nov. 17.
- Crosley Radio Corporation, The. (See Boone, W., and Crosley, assignors.)
- Crosley Radio Corporation, The. (See Bussard, Emmery J. H., assignor.)
- Crosley Radio Corporation, The. (See Crosley, Powell, Jr., assignor.)
- Crosley Radio Corporation, The. (See Crosley, P., and Austin, assignors.)
- Crosley Radio Corporation, The. (See Crosley, P., Jr., and Money, assignors.)
- Crosley Radio Corporation, The. (See Dart, William F., assignor.)
- Crosley Radio Corporation, The. (See Money, Roland H., assignor.)
- Crosley Radio Corporation, The. (See Willging, Louis F., assignor.)
- Crosley, Raymond W. (See Near, H. B., Pacini, Crosley, Gerth, Breidigam and Kelly.)
- Crosman, James H., 3d, Haverford, assignor to The Air Drill Corporation, Philadelphia, Pa. Aircraft. 2,030,967; Feb. 18.
- Crosman, Loring P., Maplewood, assignor to Gardner Company, Orange, N. J. Paper guide device. 2,026,869; Jan. 7.
- Crosman, Loring P., Maplewood, assignor to Gardner Company, Orange, N. J. Clutch. 2,036,400; Apr. 7.
- Crosman, Loring P., Maplewood, assignor to Gardner Company, Orange, N. J. Listing adding machine. 2,048,842; July 28.
- Crosman, Loring P., Maplewood, assignor to Gardner Company, Orange, N. J. Calculating machine. 2,055,623; Sept. 29.
- Crosno, Charles R., Albuquerque, N. Mex. Table. 2,050,561; Aug. 11.
- Cross, Edgar A., assignor to Centaur Tractor Corporation, Greenwich, Ohio. Tractor. 2,035,867; Mar. 31.
- Cross, Garrett P. S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe supporting jack. 2,056,713; Oct. 6.
- Cross, Garrett P. S., Beverly, Mass., and E. E. Bussey, Philadelphia, Pa. Apparatus for making paper containers. 2,032,870; Mar. 3.
- Cross, Matthew F. (See Cross, Roy and M. F.)
- Cross, Matthew F., Kansas City, Mo. Method of dispersing particles and apparatus therefor. 2,044,757; June 16.
- Cross, Robert J., Mason, Mich., assignor to S. M. A. Corporation, Cleveland, Ohio. Recovering carotene from soaps. 2,032,006; Feb. 25.
- Cross, Roland C., Odd Down, Bath, England. Rotary valve for internal combustion engines and the like. 2,038,830; Apr. 28.
- Cross, Roy and M. F., Kansas City, Mo. Aqueous suspension compositions. 2,044,758; June 16.
- Cross, Wallace E., Detroit, Mich. Machine for salvaging carbons. 2,029,522; Feb. 4.
- Cross, Walter M., Jr., assignor to Mid-Continent Investment Company, Kansas City, Mo. Thermostatic stoker control. 2,047,579; July 14.
- Cross, Walter M., Jr., C. G. Buder, and V. C. Norquist, assignors of one-half to Mid-Continent Investment Company, and one-half to Butler Manufacturing Company, Kansas City, Mo. Coal stoker. 2,028,274; Jan. 21.
- Cross, William E., Blandville, W. Va. Lawn tool. 2,056,601; Oct. 6.
- Crossen, Robert W., Jr., Plainfield, assignor to Farrell Manufacturing Company, Joliet, Ill. Valve. 2,045,758; June 30.
- Crossland, Elizabeth, et al. (See Crossland, Theodore K., assignor.)
- Crossland, Theodore K., assignor to W. H. Crossland, and E. Crossland, Milwaukee, Wis. Brake. 2,032,473; Mar. 3.
- Crossland, William H., et al. (See Crossland, Theodore K., assignor.)
- Crossley, Alfred, assignor to Johnson Laboratories, Inc., Chicago, Ill. Variable-selectivity radio receiver. 2,028,534; Jan. 21.
- Crossley, Alfred, assignor to Johnson Laboratories, Inc., Chicago, Ill. Intermediate frequency coupling device. 2,035,439; Mar. 24.
- Crossley, Alfred, assignor to Johnson Laboratories, Inc., Chicago, Ill. Multiple-band radio receiver. 2,037,883; Apr. 21.
- Crossley, Alfred, and H. E. Meinema, assignors to Johnson Laboratories, Inc., Chicago, Ill. Diode coupling system. 2,032,914; Mar. 3.
- Crossley, Alfred, and L. H. Hansen, South Haven, Mich., assignors, by mesne assignments, to Radio Corporation of America. Phonograph pick-up. 2,037,639; Apr. 14.
- Crossley, Frank, Philadelphia, Pa. Dispenser for plastic or comminuted material. 2,056,422; Oct. 6.
- Crossley, Moses L., Plainfield, and L. M. Shafer, Highland Park, assignors to Calco Chemical Company, Inc., Bound Brook, N. J. Blue, red, and brown metallized acid azo dyes. 2,034,390; Mar. 17.
- Crossley, William A., Philadelphia, Pa. Landing gear for aeroplanes. 2,027,960; Jan. 14.
- Crossley-Holland, Frank W., Dunstable, England. Chair and the like. 2,044,212; June 16.
- Crossman, Fred, Shaker Heights, assignor to The Lindsay Wire Weaving Company, Cleveland, Ohio. Joint for wire fabric. 2,061,454; Nov. 17.
- Crossman, Fred, and W. C. Sutton, Shaker Heights, assignors to The Lindsay Wire Weaving Company, Cleveland, Ohio. Method and apparatus for treating woven wire fabric. 2,037,067; Apr. 14.
- Crossman, Joseph J., New York, N. Y. Nonrefillable bottle. 2,053,191; Sept. 1.
- Crossweischede, Julius. (See Wallmann, C., Crossweischede, and Kruse.)
- Crosthwait, David N., Jr. (See Dunham, C. A., and Crosthwait.)
- Crouch, Harold W., and E. C. Jewett, assignors to Eastman Kodak Company, Rochester, N. Y. Coloring of cellulosic solutions. 2,039,708; May 5.
- Crouch, Rupert J. G., Providence, R. I. Aircraft. 2,063,030; Dec. 8.
- Croucher, Frank E. (See Ashlock, Ernest H., assignor.)
- Crouse-Hinds Company. (See Bissell, Carl H., assignor.)
- Crouse-Hinds Company. (See Bissell, C. H., and Olley, assignors.)
- Crouse-Hinds Company. (See Brandenburger, Herbert J., assignor.)
- Crouse-Hinds Company. (See Hastings, Harold P., assignor.)
- Crouse-Hinds Company. (See Huber, Erard W., assignor.)
- Crouse-Hinds Company. (See Lester, Ray F., assignor.)
- Crouse-Hinds Company. (See Olley, Raymond H., assignor.)
- Crow, John C., Oil City, Pa. Ice creeper. 2,066,095; Dec. 29.
- Crow, Patrick H. (See Hoover, Walter S., assignor.)
- Crow, Vernon T., Austin, Tex. Money receptacle. 2,051,131; Aug. 18.
- Crowe, Francis M., Burlingame, Calif. Fabricated building construction. 2,035,595; Mar. 31.
- Crowe, John M., Covington, Ky. Impact implement. 2,041,905; May 26.
- Crowe, Orley J., Detroit, Mich., assignor to Herron-Zimmers Moulding Company. Molding for automobile roofs and means for securing same. 2,060,976; Nov. 17.



- Crowe, Thomas B. (See Mills, L. D., and Crowe.)
- Crowell, Erd V., Glendale, Calif. Tubing anchor. 2,053,065; Sept. 1.
- Crowell, Melvin E., Franklin, and T. W. Smith, assignors to Peter C. Reilly, Indianapolis, Ind. Apparatus for impregnating timbers, ties, and the like. 2,046,549; July 7.
- Crowell, William D., St. Louis, Mo., assignor to Automobile Ventilation, Inc., Detroit, Mich. Ventilating apparatus for vehicle bodies. 2,033,759; Mar. 10.
- Crowell, William D., St. Louis, Mo., assignor to Automobile Ventilation, Inc., Detroit, Mich. Ventilating apparatus for vehicle bodies. 2,053,323; Sept. 8.
- Crowey, Norman J., West Hartford, Conn., assignor, by mesne assignments, to Niles-Bement-Pond Company, New York, N. Y. Screw thread grinder. 2,060,044; Nov. 10.
- Crowley, Charles E. (See Sarkadi, L. S., and Crowley.)
- Crowley, Clyde A., Chicago, Ill. Making fills and inlays in wood. 2,057,882; Oct. 20.
- Crowley, Cornelius J., New Haven, and P. S. Madsen, Bethany, assignors to The Seamless Rubber Company, Incorporated, New Haven, Conn. Inflatable ball. 2,044,836; June 23.
- Crowley, Guy F., Bridgeport, Conn., assignor to National Standard Company, Niles, Mich. Tire bead. 2,053,519; Sept. 8.
- Crowley, Henry G., Fort Worth, Tex., and E. W. Riemen-schneider, Canton, Ohio, assignors to Tripoil Manufacturing Company, Incorporated, Dallas County, Tex. Reclaiming used lubricating oil. 2,045,216; June 23.
- Crowley, Jesse C., Paris, Tex. Seed dropping attachment for planters. 2,054,723; Sept. 15.
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem. 2,028,592; Jan. 21.
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve insides. 2,048,843; July 28.
- Crowley, Joseph P., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting machine. 2,045,586; June 30.
- Crowley, Joseph P., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Edge grinding machine. 2,046,060; June 30.
- Crowley, Joseph P., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Edge grinding machine. 2,056,168; Oct. 6.
- Crown Cork and Seal Company, The. (See Ayers, S. H., and Lang, assignors.)
- Crown Cork & Seal Company. (See Booth, George W., assignor.)
- Crown Cork & Seal Company. (See Darling, Frank L., assignor.)
- Crown Cork & Seal Company. (See Elder, John D., assignor.)
- Crown Cork & Seal Company. (See Goebel, George, assignor.)
- Crown Cork & Seal Company. (See Huntley, G. J., and Bartley, assignors.)
- Crown Cork & Seal Company. (See Huntley, G. J., and Stewart, assignors.)
- Crown Cork and Seal Company, The. (See Loetscher, David L., assignor.)
- Crown Cork & Seal Company. (See McManus, Charles E., assignor.)
- Crown Cork and Seal Company, The. (See Mills, John, assignor.)
- Crown Cork & Seal Company. (See Muir, James A., assignor.)
- Crown Cork & Seal Company. (See Roemer, James L., assignor.)
- Crown Cork & Seal Company. (See Weisenburg, Andrew, assignor.)
- Crown Cork & Seal Company. (See West, William M., assignor.)
- Crown Lock Company, The. (See Gahagan, Andrew, assignor.)
- Crown Stove Works. (See Coulston, Earl V., assignor.)
- Crown Stove Works. (See Rogers, Charles J., and W. F., assignors.)
- Crown Stove Works. (See Rogers, Walter F., assignor.)
- Crown Willamette Paper Company. (See Barber, William R., assignor.)
- Crowther, Cecil R., Pennside Hills, near Reading, assignor to Wyomissing Glazed Paper Company, West Reading, Pa. Automatic winding take-off. 2,055,785; Sept. 29.
- Croxdale, Earl T., New York, N. Y. Power mechanism. 2,064,339; Dec. 15.
- Croxton, Frank C. (See Fitz Simons, O., and Croxton.)
- Crozier, Edward G., and J. R. Post, Munhall, Pa. Rolling mill guide. 2,040,979; May 19.
- Crucible Steel Company of America. (See McIntosh, Frederick F., assignor.)
- Crucible Steel Company of America. (See Neinert, Sylvester E., assignor.)
- Crucible Steel Company of America. (See Payson, Peter, assignor.)
- Crude Oil Recovery Company. (See Jackson, John M., assignor.)
- Crudo, Fernando, Buenos Aires, Argentina, assignor to Compania Fundadora Fotoliptofono S. A. Photoelectric sound reproduction of phonograms. 2,065,172; Dec. 22.
- Cruikshank, John E., Hollis, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,029,018; Jan. 28.
- Cruikshank, Roy, Alger, Mich. Window screen. 2,049,831; Aug. 4.
- Cruikshank, Virginius M., Shamokin, Pa. Grate. 2,033,570; Mar. 10.
- Crum, Anna May. (See Crum, Hiel E. and A. M.)
- Crum, Henry C., Denmark, S. C. Advertising apparatus. 2,040,363; May 12.
- Crum, Hiel E. and A. M., Indianapolis, Ind. Etheric vibrator. 2,028,378; Jan. 21.
- Crum, Roland R., assignor of one-fourth to E. A. Perkins and three-eighths to F. W. Brainard, Whittier, Calif. Roller bit bearing structure. 2,061,141; Nov. 17.
- Crum, Roland R., Whittier, assignor of one-fourth to E. A. Perkins and three-eighths to F. W. Brainard, both of Whittier, Calif. Structure for roller bits. 2,061,933; Nov. 24.
- Crumb, Charles F., Batavia, and M. W. Roscoe, Chicago, Ill., assignors to International Harvester Company. Hammer mill. 2,059,316; Nov. 3.
- Crumley, James A., Charleston, W. Va. Fluid release packer head. 2,030,164; Feb. 11.
- Crumm, Edwin F., et al. (See Crumm, Erville S., assignor.)
- Crumm, Erville S., Hermosa Beach, assignor of one-fourth to E. F. Crumm, Whittier, Calif., and one-fourth to J. M. Crumm, St. Joseph, Mo. Tube products dispenser. 2,060,178; Nov. 10.
- Crumm, Joseph M., et al. (See Crumm, Erville S., assignor.)
- Crump, Walter, Walsenburg, Colo. Portable cotton compress and rebander. 2,050,163; Aug. 4.
- Crumrine, Chester W. (See Christie, J., and Crumrine, assignors.)
- Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Automatic film stop for cameras. 2,027,332; Jan. 7.
- Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Camera construction. 2,027,333; Jan. 7.
- Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Camera latch. 2,029,913; Feb. 4.
- Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Adjustable lens mount. 2,039,709; May 5.
- Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Camera construction. 2,043,968; June 9.
- Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Self-erecting front camera. 2,047,257; July 14.
- Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Folding camera. 2,054,035; Sept. 8.
- Crundall, Sydney F. W., assignor to Peter Spence & Sons, Limited, Manchester, England. Preparing basic titanate oxalate. 2,027,812; Jan. 14.
- Crush, Albert B., Louisville, Ky. Power transmission belt and making the same. 2,057,419; Oct. 13.
- Cruver Manufacturing Company. (See Cooper, Glenn A., assignor.)
- Cryne, William A. (See Havens, W. D., and Cryne.)
- Csáki, Ladislaus. (See Bienenstock, M., Csáki, Pless, and A. and E. Sági.)
- Csarada, Hella. (See Nagy, Pál S., assignor.)
- Csontos, Derso. (See Dry, Louis, assignor.)
- Cubbage, Fred W., Longview, Tex. Dental gauge. 2,040,835; May 19.
- Cuddigan, Bartholomew O., Wadena, assignor of one-third to J. Schaefer, St. Cloud, and one-third to B. J. Mondloch, St. Martin, Minn. Cultivator. 2,061,694; Nov. 24.
- Cuff, Noel B., Richmond, Ky. Test-card scoring apparatus for students' use. 2,033,817; Mar. 10.
- Cukor, Joseph T., Tuckahoe, N. Y. Dress. 2,044,668; June 16.
- Culbert, Milo M., Caro, Mich. Fuse plug. 2,034,975; Mar. 24.
- Culbertson, Alfred, Wichita, Kans. Combination oil rig and pumping jack. 2,057,137; Oct. 13.
- Culbertson, Harvey W., et al. (See Lane, Herald D. R., assignor.)
- Culbertson, Robert A., Huntington, W. Va. Staybolted water wall construction for fireboxes. 2,058,064; Oct. 20.
- Culemeyer, Johann, Berlin-Charlottenburg, assignor to Gothaer Waggonfabrik, Aktiengesellschaft, Gotha, Germany. Transporting railway vehicles by road. 2,043,507; June 9.
- Culemeyer, Johann, Berlin-Charlottenburg, assignor to Gothaer Waggonfabrik, Aktiengesellschaft, Gotha, Germany. Appliance for the transport of railway cars on streets. 2,058,955; Oct. 27.
- Cull, Louis D., Shaker Heights, assignor to The Cleveland Chain & Manufacturing Company, Cleveland, Ohio. Anti-skid chain. 2,050,278; Aug. 11.
- Cullen, Arthur V., Jamaica Plain, Mass. Fastening method and means. 2,065,659; Dec. 29.



- Cullen, James F., New Rochelle, N. Y., and I. Tornberg, Plainfield, N. J., assignors to Wood Newspaper Machinery Corporation, New York, N. Y. Reel loading device. 2,047,769; July 14.
- Cullen, John B. (See Holman, Alex H., assignor.)
- Cullen, Roy G., Houston, Tex. Control device for wells. 2,043,428; June 9.
- Culligan, Emmett J., Fort Wayne, Ind. Guide for indicating the fecundity rhythm in women. 2,047,942; July 21.
- Cullison, Benjamin F., Margate City, N. J., assignor to The Texas Company, New York, N. Y. Advertising display device. 2,045,898; June 30.
- Cullmer, Harry R., Hollis, N. Y. Elevator car control. 2,060,283; Nov. 10.
- Culp, Ivan H., et al. (See Sutton, Cyril D., assignor.)
- Culp, John W., Mishawaka, Ind. Game device. 2,035,638; Mar. 31.
- Culpeper, Charles E. (See Entwistle, Robert C., assignor.)
- Culpeper, Charles E. (See Keith, Claude D., assignor.)
- Culver, Carl H., and C. G. Lee, assignors to Culver Manufacturing Company, Detroit, Mich. Connector for electric circuits. 2,061,961; Nov. 24.
- Culver, Edward, and A. H. Emerson, assignors to United Kingdom Optical Company, Limited, London, England. Eyeglass lens. 2,030,968; Feb. 18.
- Culver, Edward, and A. H. Emerson, London, assignors to United Kingdom Optical Company, Limited, London, England. Lens. 2,032,796; Mar. 3.
- Culver, Edward, and S. A. Emerson, assignors to United Kingdom Optical Company, Limited, London, England. Multifocal lens and making the same. 2,053,551; Sept. 8.
- Culver Manufacturing Company. (See Culver, C. H., and Lee, assignors.)
- Cuming, George W., assignor to M. A. Cuming & Co. Inc., New York, N. Y. Hat flanging machine. 2,064,824; Dec. 22.
- Cuming, M. A., & Co. (See Cuming, George W., assignor.)
- Cummings, Albert W., Broadlands, Ill. Scaffold. 2,039,060; Apr. 28.
- Cummings, Edward M., New Albany, Ind. Cutting film sheets such as phenol resin. 2,035,946; Mar. 31.
- Cummings, George C., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse telegraph repeater. 2,044,062; June 16.
- Cummings, Harry E., Portland, Maine. Mud-hook for motor vehicle tires. 2,035,299; Mar. 24.
- Cummings, Harry E., Portland, Maine. Applying protective material to road surfaces. 2,056,258; Oct. 6.
- Cummings, Preston W., assignor to H. D. Colman, Rockford, Ill. Temperature control system. 2,054,071; Sept. 15.
- Cummings, Roy W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe bottom ironing machine. 2,056,314; Oct. 6.
- Cummings, Roy W., and L. G. Knowles, Beverly, and A. Eppler, Jr., Swampscott, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 2,040,124; May 12.
- Cummings, Stanley R., Canton, and C. R. Mummery, assignors to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,045,295; June 23.
- Cummings, Thomas L. (See Haring, Ivan P., assignor.)
- Cummins, Arthur B., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Heat insulating composition and method of making. 2,033,106; Mar. 3.
- Cummins, Arthur B., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Electropositive composition and making the same. 2,036,253; Apr. 7.
- Cummins, Arthur B., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Pulverulent cleaning composition. 2,041,744; May 26.
- Cummins, Arthur B., Plainfield, Marion S. Badollet, Fanwood, and M. C. Miller, Somerville, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Apparatus for measuring turbidity. 2,045,124; June 23.
- Cummins, Clessie L., assignor to Oil Engine Development Company, Columbus, Ind. Throttle control mechanism. 2,034,745; Mar. 24.
- Cummins, Clessie L., assignor to Oil Engine Development Company, Columbus, Ind. Throttle control mechanism. 2,034,748; Mar. 24.
- Cummins, Clessie L., assignor to Oil Engine Development Company, Columbus, Ind. Fuel system for oil burning engines. 2,056,259; Oct. 6.
- Cummins, Norman W., Louisville, Ky. Making a cup. 2,054,245; Sept. 15.
- Cummins, Norman W., assignor to Adler Manufacturing Co., Incorporated, Louisville, Ky. Carpet sweeper. 2,034,025; Mar. 17.
- Cummins Perforator Company. (See Swanson, Hjalmar A., assignor.)
- Cummins, Robert. (See Kremer, R., and Cummins.)
- Cummins, Thomas K., assignor to Northern Malleable Iron Company, St. Paul, Minn. Cable clamp. 2,042,090; May 26.
- Cummins, Walter E., Boulder City, Nev. Pump jack. 2,030,282; Feb. 11.
- Cumpston, Edward H. (See Schlenker, Vesper A., assignor.)
- Cumpston, Kermit B., et al. (See Cumpston, K. B., and Hopper, assignors.)
- Cumpston, Kermit B., Blooming Grove, and P. E. Hopper, assignors of one-fourth to J. J. Eckford, one-fourth to J. A. Schley, Dallas, and one-half to K. B. Cumpston, Blooming Grove, Tex. Removing lint from cotton seeds. 2,050,164; Aug. 4.
- Cunard, Alfred B., Hobart, assignor of one-half to A. P. Draper, Gary, Ind. Apparatus for use with container covers. 2,060,726; Nov. 10.
- Cundall, Lincoln A. (See Cundayy, Robert N. and L. A.)
- Cundall, Robert N. (See Baker, W. N., and Cundall.)
- Cundall, Robert N. (See Baker, W. N., Hurrey, and Cundall.)
- Cundall, Robert N. (See Briggs, H. F., and Cundall.)
- Cundall, Robert N., Lackawanna, N. Y., assignor to Consolidated Packaging Machinery Corporation. Automatic weighing device. 2,058,775; Oct. 27.
- Cundall, Robert N., Lackawanna, and L. A., Buffalo, assignors to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Sewing machine. 2,043,094; June 2.
- Cundall, Robert N., Lackawanna, and L. A. Cundall, Buffalo, N. Y., assignors to Bagpak, Inc. Bag closing machine. 2,066,032; Dec. 29.
- Cunley, Clarence E., Philadelphia, Pa. Bobbin. 2,038,891; Apr. 28.
- Cunley, Clarence E., Philadelphia, Pa. Bobbin. 2,038,892; Apr. 28.
- Cundiff, Charles W., Owensboro, Ky. Ditching and grading machine. 2,062,210; Nov. 24.
- Cuneo, John B., San Francisco, Calif. Fence post. 2,027,765; Jan. 14.
- Cunningham, Alexander, Evanston, assignor of two-fifths to W. Hutchison, one-fifth to J. F. Hutchison and one-fifth to C. Blunt, Evanston, Ill. Golf club. 2,027,635; Jan. 14.
- Cunningham, David H. (See McMurtrey, M. L., and Cunningham.)
- Cunningham, David H., Haddonfield, N. J., assignor to Radio Corporation of America. Loudspeaker cone diaphragm and producing same. 2,030,501; Feb. 11.
- Cunningham, Francis E., and D. Fergusson, assignors to James Cunningham, Son & Company, Rochester, N. Y. Chain construction. 2,061,223; Nov. 17.
- Cunningham, George L., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of magnesium chlorate. 2,047,549; July 14.
- Cunningham, George L., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Conversion of sodium sesquicarbonate to sodium carbonate decahydrate. 2,049,249; July 28.
- Cunningham, George L., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of anhydrous sodium sulphate. 2,053,066; Sept. 1.
- Cunningham, George L., R. B. MacMullin, and H. L. Robson, Niagara Falls, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of sodium sesquicarbonate from bicarbonate. 2,038,025; Apr. 21.
- Cunningham, George L., and B. J. Losch, Niagara Falls, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Production of chlorine dioxide. 2,043,284; June 9.
- Cunningham, Harris G. (See Brogdon, J. C., and Cunningham.)
- Cunningham, Harry G. (See Garbutt, F. E., Ingman, and Cunningham.)
- Cunningham, James L., Chicago, Ill., assignor to Sherwin-Williams Co., Cleveland, Ohio. Spray gun adapter. 2,051,518; Aug. 18.
- Cunningham, James M. (See Bryce, J. W., Daly, and Cunningham.)
- Cunningham, James M., Endicott, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Drive mechanism. 2,049,690; Aug. 4.
- Cunningham, James M., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Perforating device. 2,053,067; Sept. 1.
- Cunningham, James, Son & Company. (See Cunningham, F. E., and Fergusson, assignors.)
- Cunningham, James, Son & Company. (See Fergusson, David, assignor.)
- Cunningham, James V., St. John, New Brunswick, Canada. Socket for plug fuses. 2,037,120; Apr. 14.
- Cunningham, John. (See Cunningham, Vincent W., assignor.)
- Cunningham, Lewis L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Modulating electric valve. 2,029,465; Feb. 4.
- Cunningham, Lewis L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Adjustable differential control mechanism. 2,041,050; May 19.
- Cunningham, Lewis L., South Minneapolis, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Strain release. 2,041,821; May 26.
- Cunningham, Marion M., assignor to Bendix Products Corporation, South Bend, Ind. Container. 2,064,590; Dec. 15.
- Cunningham, Marion M., and E. H. Berno, assignors to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,038,207; Apr. 21.
- Cunningham, Patricia, New York, assignor to the Piqua Hosiery Company, Inc., Piqua, Ohio. Garment. 2,033,456; Mar. 10.



- Cunningham, Patricia, New York, N. Y., assignor to The Piqua Hosiery Company, Inc., Piqua, Ohio. Bathing suit. 2,042,924; June 2.
- Cunningham, Richard. (See Mussey, W. H., and Cunningham.)
- Cunningham, Terence P., assignor, by mesne assignments, to Dosch-Kircher Organization, Inc., Chicago, Ill. Advertising folder. 2,028,650; Jan. 21.
- Cunningham, Thomas M. (See Beider, W. H., and Cunningham.)
- Cunningham, Vincent W., Chicago, Ill. Method of and apparatus for washing glasses and the like. 2,032,916; Mar. 3.
- Cunningham, Vincent W., Chicago, assignor to J. Cunningham, Riverside, Ill. Tumbler washing device. 2,032,915; Mar. 3.
- Cunningham, William E., Highland Park, Ill. Testing apparatus for automotive brakes. 2,046,018; June 30.
- Cunningham, Wintford P. (See Stout, F. M., and Cunningham.)
- Cunningham, George R., assignor to The General Tire & Rubber Company, Akron, Ohio. Tractor lug. 2,039,521; May 5.
- Cunnius, Calvin, New Brunswick, N. J., assignor to Eclipse Machine Company, Elmira Heights, N. Y. Engine starter. 2,027,860; Jan. 14.
- Cuno, Charles H., assignor to The Cuno Engineering Corporation, Meriden, Conn. Filter. 2,031,935; Feb. 25.
- Cuno, Charles H., assignor to The Cuno Engineering Corporation, Meriden, Conn. Forming filters. 2,031,936; Feb. 25.
- Cuno Engineering Corporation. (See Ashton, Philip E., assignor.)
- Cuno Engineering Corporation, The. (See Cuno, Charles H., assignor.)
- Cuno Engineering Corporation, The. (See Hance, Isaac I., assignor.)
- Cuozzo, Michele, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and apparatus for attaching shoe heels. 2,030,139; Feb. 11.
- Cuozzo, Michele, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Last. 2,042,512; June 2.
- Curby, Fred N. (See Pool, N. E., and Curby.)
- Curcuro, Liborio L., Ferndale, assignor of one-third to O. F. Barthel, Detroit, Mich. Motor vehicle clutch. 2,043,794; June 9.
- Curcuro, Liborio L., Ferndale, assignor of one-half to G. E. Gagnier, Detroit, Mich. Engine starter. 2,048,783; July 28.
- Curioni, Aldo, Yorktown Heights, assignor to The Gasolaire Corporation, New York, N. Y. Float valve. 2,035,300; Mar. 24.
- Curle, Herbert C., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,036,023; Mar. 31.
- Curle, Herbert C., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,043,348; June 9.
- Curle, Charles W., and T. C., San Francisco, Calif. Method and apparatus for trimming slugs. 2,056,566; Oct. 6.
- Curle, Theodore C. (See Curle, C. W. and T. C.)
- Curless, James M., assignor to Automatic Refrigerator Corporation, Chicago, Ill. Coin controlled timing mechanism. 2,054,615; Sept. 15.
- Curley, Michael J., Troy, N. Y., assignor to Reece Folding Machine Company, Boston, Mass. Infolding machine. 2,059,336; Nov. 3.
- Curley, Robert S., Lowell, assignor to Saco-Lowell Shops, Boston, Mass. Cotton picking system and air filter for use in same. 2,057,369; Oct. 13.
- Curley, Robert S., Lowell, and W. Shaw, Needham, Mass., assignors to Saco-Lowell Shops, Boston, Mass. Cotton picking system. 2,028,698; Jan. 21.
- Curley, Robert S., Biddeford, and W. Shaw, Saco, Maine, assignors to Saco-Lowell Shops, Boston, Mass. Single process picker system. 2,057,641; Oct. 13.
- Currah, Charles W., and W. E. Funk, Spokane, Wash. Signal. 2,026,965; Jan. 7.
- Curran, Frank L., St. Paul, Minn. Bumper jack. 2,063,661; Dec. 8.
- Curran, Stanley T., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone coin collector. 2,048,539; July 21.
- Curreli, Giuseppe. (See Cavezzale, C., and Curreli.)
- Currie, Frank S., San Bernardino, Calif. Apparatus for treating sewage. 2,027,370; Jan. 14.
- Currie, James D., Collingwood, Ontario, Canada. Floor mop. 2,066,096; Dec. 29.
- Currie, Lauchlin M., Lakewood, assignor to National Carbon Company, Inc., Cleveland, Ohio. Article comprising plastic compositions and making the same. 2,027,961; Jan. 14.
- Currie, Lauchlin M., Lakewood, Ohio, assignor to National Carbon Company, Inc., Cleveland, Ohio. Production of articles from plastic compositions. 2,027,962; Jan. 14.
- Currie, Otis C. (See Sherman, J. D., Reed, and Currie.)
- Currie, Robert A., Syracuse, assignor to R. E. Dietz Company, New York, N. Y. Tubular lantern. 2,062,051; Nov. 24.
- Currie, William F., assignor to Gale and Pietsch, Inc., Chicago, Ill. Animated advertising device. 2,058,417; Oct. 27.
- Currier, Leslie A., Claremont, N. H., assignor to Sullivan Machinery Company. Impact testing apparatus. 2,047,193; July 14.
- Currier, Philip M., Ballston Lake, N. Y., assignor to General Electric Company. Electric valve converting apparatus. 2,054,670; Sept. 15.
- Curry, Samuel C., Graham, Tex. Wing brace for Sampson posts. 2,044,669; June 16.
- Curtin-Howe Corporation. (See Curtin, Leo P., assignor.)
- Curtin-Howe Corporation. (See Curtin, L. F., and Payne, assignors.)
- Curtin, Leo P., Cranbury, N. J. Preparation of copper compounds from metallic copper. 2,046,937; July 7.
- Curtin, Leo P., Cranbury, N. J., assignor to Curtin-Howe Corporation, New York, N. Y. Oxalate coating on non-ferrous metal. 2,060,365; Nov. 10.
- Curtin, Leo P., Cranbury, and J. M. Payne, Carteret, N. J., assignors to Curtin-Howe Corporation, New York, N. Y. Coated metal. 2,046,061; June 30.
- Curtin, William H., Houston, Tex. Thermometer. 2,037,194; Apr. 14.
- Curtis, Alfred F. (See Wise, Harry E., assignor.)
- Curtis, Arthur H., Bedford, England, assignor, by mesne assignments, to Cutler-Hammer, Inc., Milwaukee, Wis. Automatic reclosing circuit breaker system. 2,042,925; June 2.
- Curtis, Arthur P., assignor to Iver Johnson's Arms & Cycle Works, Fitchburg, Mass. Finger rest for firearms. 2,036,925; Apr. 7.
- Curtis, Austen M., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,054,790; Sept. 22.
- Curtis, Austen M., East Orange, N. J., and E. M. Boardman, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gas-filled tube telegraph relay circuit. 2,059,562; Nov. 3.
- Curtis, Charles C. (See Cornell, M., and Curtis.)
- Curtis, Charles G., New York, N. Y. Poppet valve gear for internal combustion or other engines. 2,035,222; Mar. 24.
- Curtis, Charles G., assignor to Curtis Gas Engine Corporation, New York, N. Y. Two-cycle internal combustion engine. 2,038,271; Apr. 21.
- Curtis, Charles G., assignor to Curtis Gas Engine Corporation, New York, N. Y. Diesel engine. 2,051,436; Aug. 18.
- Curtis, Charles G., assignor to Curtis Gas Engine Corporation, New York, N. Y. Two-cycle internal combustion engine. 2,055,338; Sept. 22.
- Curtis, Clement N., Weymouth, Mass. Fastener for closures. 2,060,284; Nov. 10.
- Curtis, Clifton J., Springfield, Mass. Compensating piston. 2,051,164; Aug. 18.
- Curtis, David, New York, N. Y. Anesthetic solutions. 2,045,125; June 23.
- Curtis, David W., Richmond, Calif., assignor of fifty per cent to T. Connors, St. Louis, Mo. Attaching plug receiving members to metal containers. 2,062,780; Dec. 1.
- Curtis, Ernest B., Yonkers, assignor to United States Rubber Products, Inc., New York, N. Y. Treatment of rubber. 2,049,415; Aug. 4.
- Curtis, Eugene J., et al. (See Madsen, Sern, assignor.)
- Curtis, Francis J., Belmont, assignor to Merrimac Chemical Company, Everett, Mass. Color lake. 2,053,208; Sept. 1.
- Curtis, Franklin E., East Cleveland, assignor to Addressograph Company, Cleveland, Ohio. Printing mechanism. 2,036,259; Apr. 7.
- Curtis, Franklin J., Washington, Pa. Stilt. 2,057,013; Oct. 13.
- Curtis Gas Engine Corporation. (See Curtis, Charles G., assignor.)
- Curtis, George L., et al. (See Madsen, Sern, assignor.)
- Curtis, Harold E. (See Green, E. I., and Curtis.)
- Curtis, Harold E. (See Green, E. I., Curtis, and Mead.)
- Curtis, Harold E., East Orange, N. J., and S. P. Mead, New York, N. Y., assignors to American Telephone and Telegraph Company. Circuits with circular shields. 2,034,026; Mar. 17.
- Curtis, Harry A., Knoxville, Tenn., assignor to Tennessee Valley Authority, Wilson Dam, Ala. Apparatus for making phosphoric acid. 2,026,519; Jan. 7.
- Curtis, Harry A., Knoxville, Tenn., assignor to Tennessee Valley Authority, Wilson Dam, Ala. Manufacture of ammoniated superphosphates. 2,037,706; Apr. 21.
- Curtis, Harry A., Knoxville, Tenn., assignor to Tennessee Valley Authority, Wilson Dam, Ala. Separating phosphorus. 2,039,297; May 5.
- Curtis, Harry A., Knoxville, Tenn., assignor to Tennessee Valley Authority, Wilson Dam, Ala. Agglomerating fine phosphate rock. 2,040,081; May 12.
- Curtis, Harry A., Knoxville, Tenn., assignor to Tennessee Valley Authority, Wilson Dam, Ala. Manufacture of di-calcium phosphate. 2,043,238; June 9.
- Curtis, Harry A., Knoxville, Tenn., assignor to Tennessee Valley Authority, Wilson Dam, Ala. Treating phosphate rock to eliminate fluorine. 2,044,774; June 23.
- Curtis, Harry A., Knoxville, Tenn., assignor to Tennessee Valley Authority, Wilson Dam, Ala. Manufacture of ammonium phosphates. 2,051,029; Aug. 18.
- Curtis, Harry A., Knoxville, Tenn., assignor to Tennessee Valley Authority, Wilson Dam, Ala. Manufacture of calcium phosphates. 2,053,266; Sept. 8.



- Curtis, Harry A., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,037,563; Apr. 14.
- Curtis, Harry A., Knoxville, Tenn., and A. J. Abrams, Colbert County, near Sheffield, assignors to Tennessee Valley Authority, Wilson Dam, Ala. Preparing phosphate charging stock. 2,029,309; Feb. 4.
- Curtis, John C. (See Greve, L. W., and Curtis.)
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Rock drill supporting frame. 2,028,320; Jan. 21.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,029,223; Jan. 28.
- Curtis, John C., Garfield Heights, Ohio, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,030,685; Feb. 11.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Tool retainer. 2,042,926; June 2.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,042,927; June 2.
- Curtis, John C., Garfield Heights, Ohio, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Wagon drill. 2,044,876; June 23.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Drill steel extractor. 2,044,877; June 23.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Portable drill rig. 2,044,878; June 23.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Front-end construction for rock drills. 2,051,825; Aug. 25.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,055,003; Sept. 22.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Rock drill. 2,055,520; Sept. 29.
- Curtis, Kenneth L., assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Method of and apparatus for feeding tape and projecting images therefrom. 2,028,146; Jan. 21.
- Curtis, Kenneth L., assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Control system particularly for an indicia-bearing web. 2,043,239; June 9.
- Curtis, Kenneth L., assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Projection system. 2,051,593; Aug. 18.
- Curtis, Leslie F., assignor to United American Bosch Corporation, Springfield, Mass. Tone compensated volume control. 2,029,523; Feb. 4.
- Curtis, Leslie F., assignor to United American Bosch Corporation, Springfield, Mass. Selectivity control for radio. 2,033,330; Mar. 10.
- Curtis, Leslie F., and P. B. Scharf, assignors to United American Bosch Corporation, Springfield, Mass. Radio dial. 2,064,520; Dec. 15.
- Curtis Manufacturing Company. (See Ackerman, Frank, assignor.)
- Curtis & Marble Machine Company. (See Coolidge, C. H., and Marble, assignors.)
- Curtis, Melville G., Cynwyd, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Pile fabric and making the same. 2,033,881; Mar. 10.
- Curtis, Myron S., assignor to W. W. Potter, Pawtucket, R. I. Supplementary tool support for turret lathes. 2,027,901; Jan. 14.
- Curtis, Myron S., assignor to W. W. Potter, Pawtucket, R. I. Metalworking machine. 2,036,260; Apr. 7.
- Curtis, Richard C., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Leeway switching and tuning system. 2,058,956; Oct. 27.
- Curtis, T. J. (See Curtis, Thomas J., Jr., assignor.)
- Curtis, Thomas J., Jr., Los Angeles, Calif., assignor to T. J. Curtis. Illuminated sign element. 2,051,288; Aug. 18.
- Curtis, Thomas S., Huntington Park, Calif. Converter. 2,065,566; Dec. 29.
- Curtis, William H. (See Saarinen, A. J., and Curtis.)
- Curtiss Aerocar Company. (See Robinson, Harold H., assignor.)
- Curtiss Aerocar Company. (See Robinson, H. H., and Parrish, assignors.)
- Curtiss Aerocar Company. (See Robinson, High A., Sr., assignor.)
- Curtiss Aeroplane & Motor Company. (See Beard, Myron G., assignor.)
- Curtiss Aeroplane & Motor Company. (See Blanchard, Werner J., assignor.)
- Curtiss Aeroplane & Motor Company. (See Blaylock, Raymond C., assignor.)
- Curtiss Aeroplane & Motor Company. (See Butler, Arthur G., assignor.)
- Curtiss Aeroplane & Motor Company. (See Cederwall, Leonard O., assignor.)
- Curtiss Aeroplane & Motor Company. (See Haberstro, George F., Jr., assignor.)
- Curtiss Aeroplane & Motor Company. (See Hathorn, Charles E., assignor.)
- Curtiss Aeroplane & Motor Company. (See Kerr, John A., assignor.)
- Curtiss Aeroplane & Motor Company. (See Luburg, Guy A., assignor.)
- Curtiss Aeroplane & Motor Company. (See Moles, Howard R., assignor.)
- Curtiss Aeroplane & Motor Company. (See Osborn, Robert R., assignor.)
- Curtiss Aeroplane & Motor Company. (See Rowe, Donald C., assignor.)
- Curtiss Aeroplane & Motor Company. (See Rowe, D. C., Tyden, and Flader, assignors.)
- Curtiss Aeroplane & Motor Company. (See Speir, Godfrey B., assignor.)
- Curtiss Aeroplane & Motor Company. (See Steele, Frederick I., assignor.)
- Curtiss Aeroplane & Motor Company. (See Steward, Colby W., assignor.)
- Curtiss Aeroplane & Motor Company. (See Swalm, Robert A., assignor.)
- Curtiss Aeroplane & Motor Company. (See Trimbach, Clem G., assignor.)
- Curtiss Aeroplane & Motor Company. (See Vaughn, S. I., and Fabing, assignors.)
- Curtiss Aeroplane & Motor Company. (See Warren, G. E., and Haberstro, assignors.)
- Curtiss, Frank R., New Haven, Conn. Fastening trousers cuff. 2,056,895; Oct. 6.
- Curtiss, Gordon W., Atlanta, Ga. Typographic keyboard mechanism. 2,058,137; Oct. 20.
- Curtiss, Nathaniel H. (See Bardach, L. H., and Curtiss.)
- Curtiss, William R., assignor to Connecticut Telephone & Electric Corporation, Meriden, Conn. Signal device. 2,063,003; Dec. 1.
- Curtiss, William R., assignor to Connecticut Telephone & Electric Corporation, Meriden, Conn. Signal device. 2,064,735; Dec. 15.
- Curtiss-Wright Airplane Company. (See Robinson, S. T., assignor.)
- Curtiss-Wright Corporation. (See Carleton, Ralph D., assignor.)
- Curtiss-Wright Corporation. (See Luburg, Guy A., assignor.)
- Curtiss-Wright Corporation. (See Luburg, G. A., Molloy, and Flader, assignors.)
- Cushing, Abraham D., Woodville, N. H. Finger cuff. 2,026,966; Jan. 7.
- Cushing, Russell E., Haddonfield, N. J., assignor to Pennsylvania Salt Manufacturing Co., Philadelphia, Pa. Making ammonium salts. 2,030,811; Feb. 11.
- Cushman, Burrill A. (See Burbank, C. E., and Cushman.)
- Cushman, Charles S., assignor to The Cushman Company, Barre, Vt. Grinding machine. 2,055,404; Sept. 22.
- Cushman Company, The. (See Cushman, Charles S., assignor.)
- Cushman, John K., assignor to York Ice Machinery Corporation, York, Pa. Scraper blade. 2,030,969; Feb. 18.
- Cushman, Robert A., Morris Plains, and L. G. Young, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Protective means for electric circuits. 2,049,948; Aug. 4.
- Cushman, Robert W., Summit, and H. E. Hill, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Volume control system. 2,035,263; Mar. 24.
- Cushman, Thomas K., Columbia, Tenn. Ironing machine. 2,039,061; Apr. 28.
- Cushwa, Charles B., Youngstown, Ohio. Apparatus for drawing. 2,032,917; Mar. 3.
- Cushwa, Charles B., assignor to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Tunnel liner. 2,046,727; July 7.
- Cusin, Maurice, assignor of one-half to Société Lyonnaise de Textiles, Lyon, France. Individual filter for the spinning of artificial filaments, threads, and the like. 2,038,348; Apr. 21.
- Custer, Ernest B. (See Jephson, A. C., and Custer.)
- Custer, Levitt L., Dayton, Ohio. Power transmission. 2,051,289; Aug. 18.
- Custer, Levitt L., Dayton, Ohio. Aviation training machine. 2,063,231; Dec. 8.
- Cuthrie, George G., Tulsa, Okla. Pressure alarm. 2,040,375; May 12.
- Cutler, Charles C., Philadelphia, Pa. Method of and apparatus for opening seams. 2,032,918; Mar. 3.
- Cutler-Hammer, Inc. (See Barnecott, Charles F., assignor.)
- Cutler-Hammer, Inc. (See Curtis, Arthur H., assignor.)
- Cutler-Hammer, Inc. (See Fritz, Earl A., assignor.)
- Cutler-Hammer, Inc. (See Giard, Eugene A., assignor.)
- Cutler-Hammer, Inc. (See Harwood, Paisley B., assignor.)
- Cutler-Hammer, Inc. (See Hodgson, Howard E., assignor.)
- Cutler-Hammer, Inc. (See Krieger, Alvin W., assignor.)
- Cutler-Hammer, Inc. (See Laabs, Eric H., assignor.)
- Cutler-Hammer, Inc. (See Lightfoot, Edwin N., assignor.)
- Cutler-Hammer, Inc. (See Lockett, Ralph G., assignor.)
- Cutler-Hammer, Inc. (See Meuer, George J., assignor.)
- Cutler-Hammer, Inc., et al. (See Meuer, G. J., and Miller-master, assignors.)
- Cutler-Hammer, Inc. (See Newman, John M., assignor.)
- Cutler-Hammer, Inc. (See Richardson, Linwood T., assignor.)
- Cutler-Hammer, Inc. (See Russell, Frank J., assignor.)
- Cutler-Hammer, Inc. (See Schmidt, Edwin X., assignor.)
- Cutler-Hammer, Inc. (See Stanbury, Carroll, assignor.)



- Cutler Mail Chute Co. (See Bridgman, George A., assignor.)
- Cutshall, Ellsworth W., Houston, Tex. Parachute carrier for kites. 2,041,233; May 19.
- Cutter, John, Tulsa, Okla., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,066,097; Dec. 29.
- Cutting, Fulton, Buffalo, N. Y. Radio receiver. 2,039,888; May 5.
- Cutting, Fulton, assignor to Colonial Radio Corporation, Buffalo, N. Y. Voice coil suspension. 2,059,209; Nov. 3.
- Cutting, Herbert A., assignor to Cutting Sales Engineering Co., Detroit, Mich. Windshield defrosting device. 2,040,125; May 12.
- Cutting Sales Engineering Co. (See Cutting, Herbert A., assignor.)
- Cuttler, George H., Birmingham, England, assignor to Hookless Fastener Company. Slide fastener. 2,048,646; July 21.
- Cutts, George B., Brookline, and H. Jackson, Jamaica Plain, Mass., said Jackson assignor to said Cutts. Making reliefs. 2,047,124; July 7.
- Cutts, Richard M., Jr., executor, et al. (See Cutts, Richard M.)
- Cutts, Richard M., deceased, Newport, B. I., R. M. Cutts, Jr., and The American Security and Trust Company, executors. System for metering liquids. 2,048,323; July 21.
- Cyanamid & Chemical Corporation. (See Brush, John G., assignor.)
- Cyanamid & Chemical Corporation. (See Jaeger, Alphons O., assignor.)
- Cyanide Generator Company. (See Reid, James J., assignor.)
- Cyclone Fence Company. (See Harter, Noah S., assignor.)
- Czarnecki, Walter, assignor to Eddington Metal Specialty Co., Eddington, Pa. Valve. 2,041,906; May 26.
- Czarnecki, Walter, assignor to Eddington Metal Specialty Co., Eddington, Pa. Relief valve. 2,050,041; Aug. 4.
- Czamba, Frank, Duluth, Minn., assignor to American Steel & Wire Company, Chicago, Ill. Vernier gauge. 2,030,354; Feb. 11.
- Czamba, Frank J., Duluth, Minn. Fence post. 2,046,250; June 30.
- Czerniak, Joseph, Muskegon Heights, Mich. Lathe. 2,062,741; Dec. 1.
- Czischki, August H., and A. B. Benson, Elgin, Ill. Chest. 2,036,518; Apr. 7.
- D. & B. Electrical Company Limited, The. (See Pearson, Richard E., assignor.)
- D. H. P. Manufacturing Co. (See Pierson, Benjamin J., assignor.)
- D. & W. Murray Limited. (See Roberts, John H., assignor.)
- Dabgin, William, New York, N. Y. Adjustable head for flashlights. 2,029,861; Feb. 4.
- Dabgin, William, New York, N. Y. Adjustable head for lamp sockets. 2,048,493; July 21.
- Dabroski, Stanley, Springfield, Mass. Safety razor. 2,055,837; Sept. 29.
- Dabrowski, Karol T., et al. (See Suwalkowski, Joseph, assignor.)
- Da-Burk Holding Corporation. (See Burke, John F., assignor.)
- Da Costa, Leo L., Brooklyn, N. Y. Liquid dispensing means. 2,042,928; June 2.
- Daday, Andrew J., Yonkers, N. Y. Golf club. 2,044,567; June 16.
- Dadswell, Mercy, Detroit, Mich. Suspension means for boat berths. 2,055,717; Sept. 29.
- Daemicke Company, The. (See Daemicke, Roland P., assignor.)
- Daemicke, Roland P., assignor to The Daemicke Company, Chicago, Ill. Refrigerator display case. 2,029,860; Feb. 4.
- Daene, Herbert, Berlin-Friedenau, assignor to Allgemene Elektriciteits Gesellschaft, Berlin, Germany. Electron discharge device. 2,054,119; Sept. 15.
- Daesen, John R. (See Wemple, L. E., and Daesen.)
- Daggett, Clyde C., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 2,060,285; Nov. 10.
- Daggett, Jay B. (See Hoaglund, A. W., and Daggett.)
- Dagnall, Reginald F., Guildford, and J. G. Lambert, Leicester, England. Release mechanism for pressure fluid containers. 2,028,651; Jan. 21.
- D'Agostino, Julius, Detroit, Mich. Piston and piston ring assembly. 2,044,499; June 16.
- Dahl, Conrad C. (See Rowland, D. P., and Dahl.)
- Dahl, Conrad C., assignor to Burroughs Adding Machine Company, Detroit, Mich. Typewriter carriage. 2,043,370; June 9.
- Dahl, Edward T., Randolph, assignor, by mesne assignments, to E. Macleod, Westwood, F. A. Morrison, Newton, Mass., and C. Macleod, Berwyn, Pa., L. Soule, Dedham, S. A. Sargent, Jr., Needham, Mass., trustees, doing business as Mason-Neilan Regulator Company, Boston, Mass. Control mechanism. 2,030,502; Feb. 11.
- Dahl, Edward T., Randolph, assignor, by mesne assignments, to E. Macleod, Westwood, F. A. Morrison, Newton, Mass., C. Macleod, Berwyn, Pa., L. Soule, Dedham, Mass., and S. A. Sargent, Jr., Needham, trustees, doing business as Mason-Neilan Regulator Company, Boston, Mass. Control mechanism. 2,050,279; Aug. 11.
- Dahl, Jacob, Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 2,063,538; Dec. 8.
- Dahl, John F., Palo Alto, Calif. Gauge for nipple cutters. 2,057,014; Oct. 13.
- Dahl, Louis A., and W. C. Hanna, Colton, assignors to California Portland Cement Company, Los Angeles, Calif. Preparing Portland cement raw mixtures. 2,032,346; Mar. 3.
- Dahl, Louis A., and W. C. Hanna, Colton, assignors to California Portland Cement Company, Los Angeles, Calif. Manufacturing Portland cement. 2,032,347; Mar. 3.
- Dahl, Magnus G., West Hartford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electrical disconnecting device. 2,064,736; Dec. 15.
- Dahl, Oscar, La Rochelle, France. Fishing net. 2,056,772; Oct. 6.
- Dahl, Oscar, and W. F. Black, La Rochelle, France. Upwardly swelling fishing net. 2,064,296; Dec. 15.
- Dahl, Reuben C., Pasadena, Calif. Gocart. 2,054,967; Sept. 22.
- Dahlander, Noël L., Westerleigh, assignor of one-third to W. J. Tompkins, Mount Vernon, and one-third to R. J. Earl, New York, N. Y. Dampproof structure and constructing same. 2,036,123; Mar. 31.
- Dahlberg, Arnold V., Denver, Colo. Fertilizing trees and shrubs. 2,044,063; June 16.
- Dahlen, Miles A. (See Hitch, E. F., Dahlen, and Friedrich.)
- Dahlen, Miles A. (See Jordan, H., and Dahlen.)
- Dahlen, Miles A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of N-substituted aminophenols. 2,027,902; Jan. 14.
- Dahlen, Miles A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes and their production. 2,030,970; Feb. 18.
- Dahlen, Miles A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Water soluble diazoimino compounds. 2,031,634; Feb. 25.
- Dahlen, Miles A., and R. E. Etzelmiller, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes and their preparation. 2,048,844; July 28.
- Dahlen, Miles A., H. G. Clapp, Wilmington, Del., and S. B. Jordan, Vineland, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of o-nitro-anisole. 2,056,260; Oct. 6.
- Dahlen, Miles A., and E. E. Fleck, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of para-chloro-ortho-nitro-anisole. 2,056,261; Oct. 6.
- Dahlen, Miles A., S. R. Detrick, R. E. Etzelmiller, and F. Zwilmeyer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyeing process. 2,058,418; Oct. 27.
- Dahlen, Miles A., S. R. Detrick, R. E. Etzelmiller, and F. Zwilmeyer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Diazoimino compounds and their production. 2,058,419; Oct. 27.
- Dahlen, Miles A. and F. Zwilmeyer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes and their preparation. 2,059,852; Nov. 3.
- Dahlen, Miles A., R. G. Clarkson, Wilmington, and M. E. P. Friedrich, Carney's Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing N-alkyl-amino-phenols. 2,063,151; Dec. 8.
- Dahlen, Miles A., Wilmington, Del., and M. E. P. Friedrich, Carney's Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Water-insoluble azo dyes and their production. 2,063,589; Dec. 8.
- Dahlen, Miles A., Wilmington, Del., and M. E. P. Friedrich, Carney's Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Naphthoic acid xylidides and their production. 2,063,590; Dec. 8.
- Dahlgren, Carl A., Pettibone, N. Dak. Tire rim. 2,036,124; Mar. 31.
- Dahlgren, Charles H., West New York, N. J. Key case. 2,066,033; Dec. 29.
- Dahlgren, Fredrik A., Stockholm, Sweden. Rectifying electric current. 2,048,998; July 28.
- Dahlin, Gustaf, St. Catharines, Ontario, Canada, assignor to Hookless Fastener Company, Meadville, Pa. Making sliders. 2,051,548; Aug. 18.
- Dahlman, Verner, New Lenox, assignor to Independent Air Filter Company, Chicago, Ill. Impermanent air filter medium. 2,056,001; Sept. 29.
- Dahlstrand, Hans P., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Steam turbine casing and manufacturing the same. 2,041,699; May 26.
- Dahlstrom, Arvid, Chicago, Ill. Automatic phonograph. 2,065,056; Dec. 22.
- Dahlstrom, Arvid, and P. N. Nelson, assignors to Developments Incorporated, Chicago, Ill. Visible coin slot mechanism. 2,033,415; Mar. 10.
- Dahlstrom, Arvid O. (See Landberg, F., and Dahlstrom.)
- Dahlstrom, Frank P., assignor to Morgan Construction Company, Worcester, Mass. Seal for rolling mill bearings. 2,050,166; Aug. 4.
- Dahlstrom, John A. (See Chadwick, L. S., Resek, and Dahlstrom.)
- Dahlstrom Metallic Door Company. (See Dawson, Axel G., assignor.)
- Dahlstrom Metallic Door Company. (See Jacobson, Ludwig G., assignor.)



- Daiber, Ernst, Lichterfelde-West, Germany, assignor to General Electric Company. Two-cycle combustion engine. 2,044,605; June 16.
- Daiber, Ernst, Berlin-Lichterfelde, Germany, assignor to General Electric Company. Bolt and nut connection. 2,059,853; Nov. 8.
- Daiger, George P., assignor to The Hoover Company, North Canton, Ohio. Universal electric motor. 2,046,675; July 7.
- Daignault, Albert F., Greenfield, Mass. Ground engaging brake. 2,049,357; July 28.
- Dailey, Carl F., assignor to Francis B. Douglass, Cleveland, Ohio. Centrifugal casting machine. 2,036,401; Apr. 7.
- Dailey, James A., Milwaukee, Wis. Interchangeable sectional picture. 2,037,966; Apr. 21.
- Dailey, Karl F., Cleveland, Ohio. Casting trimming. 2,055,171; Sept. 22.
- Dailey, Thomas L., Lafayette, La. Meat holding device. 2,048,999; July 28.
- Daimler-Benz Aktiengesellschaft. (See Nallinger, Fritz, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Schwaiger, Karl, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Steinecke, Fritz, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Wagner, Max, assignor.)
- Daimler Company Limited, The. (See Pomeroy, L. H., and Oliver, assignors.)
- Daimler, Karl, Frankfurt-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Bituminous dispersions for coatings or coverings and preparing them. 2,041,234; May 19.
- Dainos, Anthony W., New Orleans, La. Motor vehicle servicing apparatus. 2,052,451; Aug. 25.
- Dainton, Edgar H. (See Logette, A. I., and Dainton.)
- Dairy Specialties, Inc., The. (See Griscom, Alfred C., assignor.)
- Daisy Manufacturing Company. (See Lefever, Charles F., assignor.)
- Dake, Charles W. (See Campbell, D. J., and Dake.)
- Dake, Charles W., Chicago, Ill. Electric light. 2,040,243; May 12.
- Dake, Charles W., Grand Haven, Mich. Variable speed power transmitting mechanism. 2,051,783; Aug. 18.
- Dake, Charles W., Grand Haven, Mich. Engine. 2,056,567; Oct. 6.
- Dake, Charles W., Grand Haven, Mich. Power generating and transmitting system. 2,060,612; Nov. 10.
- Dake, Charles W., Grand Haven, assignor to Campbell, Wyant and Cannon Foundry Company, North Township, Mich. Pump. 2,044,064; June 16.
- Dake, Charles W., Grand Haven, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Brake drum. 2,046,369; July 7.
- Dake, Charles W., Grand Haven, and R. K. Johnson, assignors to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Making flanged brake drums. 2,042,701; June 2.
- Dalby-Balls, Arthur H. (See Salmons, G., and Dalby-Balls.)
- Dale, Julian K., Kew Gardens, assignor to Royal Baking Powder Company, New York, N. Y. Acid calcium lactate compounds. 2,046,610; July 7.
- Dalén, Gustaf, and G. E. Björklund, Lidingö, assignors to Svenska Aktiebolaget Gasaccumulator, Stockholm, Sweden. Liquid fuel combustion apparatus. 2,043,991; June 16.
- Dales, Beton. (See Calcott, W. S., Williams, and Dales.)
- Daley, Gustave J., Stockton, Calif. Apparatus for cooling granulated sugar and eliminating sugar dust therefrom. 2,033,416; Mar. 10.
- Daley, Thomas D., assignor of one-third to J. P. McCrohan and one-third to J. J. Farrell, New Bedford, Mass. Cribbage board. 2,038,026; Apr. 21.
- Dalin, David, Milwaukee, Wis. Drier. 2,034,860; Mar. 24.
- Dalinda, Joseph Z., New York, N. Y. Method and apparatus for smoking. 2,051,030; Aug. 18.
- Dalkowitz, Godfrey, assignor to American Safety Razor Corp., New York, N. Y. Buffing machine. 2,050,422; Aug. 11.
- Dallar, Edward F., Whigham, Ga. Screw worm fly trap. 2,037,852; Apr. 21.
- Dallas, Samuel B., Baltimore, Md. Swaging and alignment die. 2,029,704; Feb. 4.
- Dallas, Samuel B., Baltimore, Md. Jointing of muntin or cross bars. 2,041,051; May 19.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany. Arrangement for supervising the vacuum, i. e., the gas or vapor pressure, in vacuum discharge apparatus. 2,030,781; Feb. 11.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany. Electric discharge apparatus. 2,061,507; Nov. 17.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany. Discharge apparatus containing gas or vapor. 2,065,269; Dec. 22.
- Dällenbach, Walter, Berlin, Germany. Liquid cooled vacuum vessel. 2,065,660; Dec. 29.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Ultra short wave apparatus. 2,052,339; Aug. 25.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Short wave radiation. 2,054,895; Sept. 22.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Reflector system for ultra-short electric waves. 2,054,896; Sept. 22.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Ultra short wave apparatus. 2,061,508; Nov. 17.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Radio receiving set for ultra-short waves. 2,064,242; Dec. 15.
- Daller, Adrian O., Dennis Port, Mass., assignor to Daller Carton Company, Inc., New York, N. Y. Carton and method. 2,048,729; July 28.
- Daller Carton Company. (See Daller, Adrian O., assignor.)
- Dallett Company, The. (See Dougherty, William E., assignor.)
- Dalley, Florence R. (See Hoff, George K., Jr., assignor.)
- Dallmann, Herbert, Berlin-Karlshorst, Germany, assignor to General Electric Company. Telemetering system. 2,052,385; Aug. 25.
- Dallmann, Herbert, Berlin-Karlshorst, and H. R. Eggers, Berlin, Germany, assignors to General Electric Company. Measuring device. 2,050,878; Aug. 11.
- Dalmo Manufacturing Co. (See Siebert, John A., assignor.)
- Dalmo Sales Corporation. (See Moseley, Tomlinson I., assignor.)
- Dalo, John, assignor to A. and Z. Chain Company, Providence, R. I. Clasp or coupling device for bracelets, chains, and the like. 2,058,957; Oct. 27.
- Dalpayrat, Henri F., assignor to Radio Patents Corporation, New York, N. Y. Radio receiving system. 2,045,700; June 30.
- Dalrymple, Ferdinand H. (See Ward, W. J., Bauerle, and Dalrymple.)
- Dalrymple, William H., Brucefield, Ontario, Canada. Tire spreader. 2,028,440; Jan. 21.
- Dalsheim, Maurice J., New Rochelle, N. Y., assignor, by mesne assignments, to The Virginia Art Goods Studios, Inc., Lynchburg, Va. Lady's handbag. 2,053,464; Sept. 8.
- Dalton, Anna, executrix. (See Hessian, Dennis C.)
- Dalton, Emma C., Nashville, Tenn. Christmas tree ornament. 2,039,394; May 5.
- Dalton Hat Company. (See Siegelbaum, Harry, assignor.)
- Dalton, Henry G., London, and J. W. Smith, Richmond, assignors to Turner & Newall Limited, Rochdale, England. Coin freed vending machine. 2,039,395; May 5.
- Dalton, Robert F., Mansfield, Ohio. Toy. 2,061,695; Nov. 24.
- Dalton, Robert H., and H. P. Hood, assignors to Corning Glass Works, Corning, N. Y. Glass resistant to alkali metal vapors and making it. 2,065,852; Dec. 29.
- Dalton, Samuel J., Jackson, Miss. Traffic stripe machine. 2,026,870; Jan. 7.
- Dalton, William, Schenectady, N. Y., assignor to General Electric Company. Trailer for highway and railway travel. 2,043,034; June 2.
- Dalton, William, Schenectady, N. Y., assignor to General Electric Company. Continuous rail. 2,047,007; July 7.
- Dalton, William, Schenectady, N. Y., assignor to General Electric Company. Freezing tray and release device therefor. 2,053,134; Sept. 1.
- Dalton, William, Schenectady, N. Y., assignor to General Electric Company. Fabricated slab. 2,053,135; Sept. 1.
- Dalton, William, Schenectady, N. Y., assignor to General Electric Company. Fabricated structure. 2,055,339; Sept. 22.
- Dalton, William T., assignor to The Gauley Mountain Coal Company, Ansted, W. Va. Hoisting mechanism. 2,036,568; Apr. 7.
- Daly, George F. (See Bryce, J. W., and Daly.)
- Daly, George F. (See Bryce, J. W., Daly, and Cunningham.)
- Daly, George F., Johnson City, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,036,024; Mar. 31.
- Daly, George F., Johnson City, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,036,683; Apr. 7.
- Daly, George F., Johnson City, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,045,437; June 23.
- Daly, George F., Johnson City, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Total taking mechanism. 2,063,489; Dec. 8.
- Daly, George F., West Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Card controlled sorting machine. 2,053,068; Sept. 1.
- Daly, George F., West Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Card feeding and analyzing device. 2,053,069; Sept. 1.



- Daly, George F., West Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,056,391; Oct. 6.
- Daly, Joseph P., New York, N. Y., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Control mechanism for pressing machines. 2,053,023; Sept. 1.
- Daly, Webster J., Los Angeles, Calif. Dental X-ray film holder. 2,035,051; Mar. 24.
- Dalynip Pourer Corp. (See Paul, Leon R., assignor.)
- Dalzell, Kenneth W., Short Hills, N. J. Wallboard. 2,054,246; Sept. 15.
- Dalziel, Gordon A., and H. H. Ableson, Winnipeg, Manitoba, Canada. Automobile door lock. 2,043,608; June 9.
- Daman, Arthur C., Denver, Colo. Flotation apparatus. 2,031,590; Feb. 25.
- Daman, Arthur C., Denver, Colo. Packing for classifiers. 2,054,671; Sept. 15.
- D'Amaro, Rosaria, New York, N. Y. Lady's slip. 2,053,865; Sept. 8.
- Dame, Charles V., and B. Barber, Lanark, Ill., said Barber assignor to said Dame. Power attachment means for lawn mowers. 2,041,654; May 19.
- Daminaitis, George P., Cleveland, Ohio. Lithograph offset machine plate clamp. 2,031,559; Feb. 18.
- Damitz, Frederick M., assignor to Irvington Varnish & Insulator Co., Irvington, N. J. Material for making closure liners. 2,060,928; Nov. 17.
- Damm, Max, Newark, N. J. Traveling bag. 2,029,466; Feb. 4.
- Damm, Samuel F., Niagara Falls, N. Y. Making printing rollers. 2,043,154; June 2.
- Damman, Edwin, Twin Falls, Idaho. Self-cleaning fish screen. 2,056,445; Oct. 6.
- Dammert, Veronica S., Hartford, Conn. Sheet metal can. 2,038,545; Apr. 28.
- Dammeyer, Edwin H., Fort Wayne, Ind. Toy. 2,032,871; Mar. 3.
- Dana, Leo I., Buffalo, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Method and apparatus for rejecting heat from a cascade system. 2,037,679; Apr. 14.
- Dana, Leo I., Buffalo, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Warm converter for liquefied gases of low boiling point. 2,044,670; June 16.
- Dana, Leo I., Buffalo, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Gauge glass. 2,053,765; Sept. 8.
- Danciger, Dan. (See Cook, James H., assignor.)
- Danciger Oil & Refineries, Inc. (See Isham, Robert M., assignor.)
- Danco, Gerard J., Morristown, N. J. Lipstick container. 2,057,085; Oct. 13.
- D'Andrea, Philip, Boston, Mass. Automobile bumper. 2,037,215; Apr. 14.
- Daneke, Dietrich, Topeka, Kans., and L. C. Williams, Pearl River, N. Y., assignors to The Brackett Stripping Machine Company, Topeka, Kans. Folding and gluing mechanism. 2,031,879; Feb. 25.
- Daneker, John L., Providence, R. I. Printing mask for dating photographic prints. 2,037,764; Apr. 21.
- Danforth, Charles H. (See Moreland, E. L., Booth, and Danforth.)
- Dangelmajer, Charles, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del. Production of cuprous cyanide. 2,049,358; July 28.
- Dangelmajer, Charles, Niagara Falls, N. Y., and E. C. Perkins, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Tanning process. 2,061,063; Nov. 17.
- Danheiser, Theodore, New York, N. Y., assignor to The Beck Duplicator Company. Duplicator. 2,053,267; Sept. 8.
- Daniel, Charles E., New York, N. Y. Heating and cooling system. 2,051,795; Aug. 18.
- Daniel, James D., Linden, Tenn. Creasing and stretching device for trousers. 2,045,943; June 30.
- Daniel, James D., Linden, Tenn. Unit for fireplaces. 2,057,659; Oct. 20.
- Daniel, Robert S., assignor of one-half to J. J. Duffie, New York, N. Y. Visible margin file. 2,064,737; Dec. 15.
- Daniel, Royal G., Beverly Hills, Calif. Vulcanizer adapter. 2,064,416; Dec. 15.
- Daniel, Ulysses S., Ballinger, Tex. Amusement device. 2,043,606; June 9.
- Daniel, William, Brooklyn, assignor to Greenhill & Daniel, Inc., Brooklyn, N. Y. Garment. 2,055,858; Sept. 29.
- Daniell, John A., Birmingham, England. Double universal joint. 2,042,513; June 2.
- Daniels, Abraham A., Fruitdale, S. Dak. Changeable window sash. 2,046,251; June 30.
- Daniels, Carl B., and E. J. Graham, Denver, Colo. Beet topping device. 2,061,395; Nov. 17.
- Daniels, Charles E. (See Stecher, J. L., Amick, and Daniels.)
- Daniels, Claude H., Wellesley Hills, Mass. Shoe of the Ghillie type. 2,041,672; May 19.
- Daniels, Claude H., Newton Center, Mass. Making a boot or shoe. 2,052,753; Sept. 1.
- Daniels, Constantine A., Grand Rapids, Mich. Spinning rope. 2,044,240; June 16.
- Daniels, Dwight C., and A. D. Wassall, assignors to The Sweeper-Vac Company, Worcester, Mass. Vacuum cleaner. 2,056,831; Oct. 6.
- Daniels, Elmer A., Hinsdale, and L. A. Donovan, said Daniels assignor to said Donovan and A. G. Rubovits, Chicago, Ill. Nitrocellulose coating composition containing blown china-wood oil. 2,056,832; Oct. 6.
- Daniels, Fred C. T., Pittsburgh, Pa. Processing roll and producing same. 2,061,300; Nov. 17.
- Daniels, Fred H., assignor to Riley Stoker Corporation, Worcester, Mass. Steam boiler. 2,030,503; Feb. 11.
- Daniels, Frederick A., Waynesboro, Va., assignor to Du Pont Rayon Company, New York, N. Y. Thread winding mechanism. 2,046,550; July 7.
- Daniels, James. (See Thrasher, W. B., and Daniels.)
- Daniels, Lee C., assignor to The White Motor Company, Cleveland, Ohio. Throttle control mechanism. 2,063,794; Dec. 8.
- Daniels, Lee C., assignor to The White Motor Company, Cleveland, Ohio. Throttle control mechanism. 2,063,795; Dec. 8.
- Daniels, Ransom J., Whitestone, assignor to American Seal-Kap Corporation, Long Island City, N. Y. Bottle capping mechanism. 2,049,761; Aug. 4.
- Danielsen, Hans P., and J. J. Kiefer, assignors to Hartmann Trunk Company, Racine, Wis. Protective covering for luggage carriers. 2,042,211; May 26.
- Danielsson, Erik. (See Skaraas, B., and Danielsson.)
- Daninburg, William J., Stamford, Conn., assignor of one-fourth to P. Mulnard, Ridgewood, N. Y. Automatic automobile door catch and lock. 2,052,528; Aug. 25.
- Dankhoff, William, deceased, late of Falls Creek, Pa., by L. C. Frey, Grafton, W. Va., administrator. Micrometric compass. 2,028,147; Jan. 21.
- Danley, Don R., Mendon, Mich. Door hanger structure.
- Dann, Ernest G., New York, N. Y. Garment construction. 2,056,773; Oct. 6.
- Dann, Paul N., assignor to The Rattan Manufacturing Company, New Haven, Conn. Watertight box connector. 2,062,400; Dec. 1.
- Danna, Salvatore A., New York, N. Y. Combined milk bottle holder and lock therefor. 2,038,421; Apr. 21.
- Danner, Edward, Newark, Ohio. Working glass and articles produced. 2,037,853; Apr. 21.
- Dannenberg, Robert J. H. (See Schrader, G. M., and Dannenberg.)
- D'Annunzio, Harry C., assignor to Fashion Park Manufacturing Corporation, Rochester, N. Y. Coat and sleeve. 2,047,620; July 14.
- Dantszen, Christian, Schenectady, N. Y., assignor to General Electric Company. Fishing tackle. 2,032,919; Mar. 3.
- Danuser, Cafilisch, Zurich, and F. Danuser, Trogen, Switzerland. Engine temperature control device. 2,046,812; July 7.
- Danuser, Felix. (See Danuser, Cafilisch and F.)
- Danuser, Jacob. (See Bonhöte, G., and Danuser.)
- Danuser, Jakob. (See Bonhöte, G., and Danuser.)
- Danvers Shoe Company. (See Page, William M., assignor.)
- Danziger, Harold I., New York, N. Y., assignor, by mesne assignments, to Sprague Specialties Company, North Adams, Mass. Electrolytic condenser. 2,049,691; Aug. 4.
- Dapron, Joseph M., St. Louis, Mo., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake apparatus for cars. 2,065,212; Dec. 22.
- Darányl, Stephen C., Hamburg, Germany. Manufacture of yeast. 2,035,048; Mar. 24.
- Darbaker, James M., Gary, Ind., assignor to American Sheet and Tin Plate Company. Feed device. 2,041,235; May 19.
- Darbord, René H. (See Clavier, A. G., and Darbord.)
- Darby, George M. (See Miller, A. L., and Darby.)
- Darby, George M. (See Miller, A. L., Shafor, and Darby.)
- Darby, James K., Dayton, Ohio, assignor to Beloit Iron Works, Beloit, Wis. Paper making machinery. 2,039,780; May 5.
- Darby, John, Summit, N. J., assignor, by mesne assignments, to Eugene, Ltd., New York, N. Y. Permanent waving apparatus. 2,036,461; Apr. 7.
- Darby, Robert F., Oak Park, assignor to American Steel Foundries, Chicago, Ill. Truck. 2,064,464; Dec. 15.
- Darbyshire, Leonard H., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation. Gasket. 2,036,569; Apr. 7.
- Darbyshire, Leonard H., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation. Cabinet design. 2,059,182; Oct. 27.
- Darcey, Henry J., Oklahoma City, Okla. Treating sewage. 2,034,460; Mar. 17.
- Dardelet Threadlock Corporation. (See Thomson, Robert, assignor.)
- Darden, Raymond M., Endicott, Wash. Combined harvesting and threshing machine. 2,045,839; June 30.
- Darden, Raymond M., Endicott, Wash. Device for unloading materials. 2,052,169; Aug. 25.
- Dare, Franklin E., Pleasantville, N. J. Razor blade sharpening fixture. 2,063,539; Dec. 8.
- Dargavel, James B., Minneapolis, Minn. Device for moistening and dispensing cleansing pads. 2,044,284; June 16.
- Darling, Elton R., assignor to Chappell Bros. Inc., Rockford, Ill. Treating meat proteins. 2,057,479; Oct. 13.



- Darling, Essie E., Winnipeg, Manitoba, Canada. Infant's garment. 2,035,052; Mar. 24.
- Darling, Frank L., Baltimore, Md., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Glass container and producing same. 2,032,920; Mar. 3.
- Darling, Frank L., Douglaston, N. Y., assignor to Gendar Can Co. Receptacle, cover therefor, and means for releasing the covers from the receptacles. 2,043,738; June 9.
- Darling, Frank L., Forest Hills, N. Y., assignor, by mesne assignments, to Crown Cork & Seal Company, Inc. Container and closure therefor. 2,054,897; Sept. 22.
- Darling, Roy L., assignor to Bond Electric Corporation, Jersey City, N. J. Hand lantern. 2,036,088; Mar. 31.
- Darling, Roy L., assignor to Bond Electric Corporation, Jersey City, N. J. Circuit closer for electric hand lanterns. 2,045,636; June 30.
- Darling, Roy L., Jersey City, N. J., and R. R. Rundell, Waterbury, Conn., assignors to Bond Electric Corporation, Jersey City, N. J. Portable electric lamp. 2,049,762; Aug. 4.
- Darmstaetter, Armin A. (See Sawtelle, C. A., and Darmstaetter.)
- Darnell, Rex C., and H. G. Adler, assignors to Handy Governor Corporation, Detroit, Mich. Governor. 2,039,396; May 5.
- Darnell, Samuel H., Malden, Wash. Harvester. 2,056,344; Oct. 6.
- Darol Rubber Company. (See Raiche, Paul A., assignor.)
- Darrah, Carl W. (See Schutt, A. J., and Darrah.)
- Darrah, Carl W., and F. M. Hardiman, Lockport, N. Y., assignors to General Motors Corporation, Detroit, Mich. Car heater. 2,034,228; Mar. 17.
- Darrah, William A., Chicago, Ill. Evaporating and equipment therefor. 2,042,145; May 26.
- Darrah, William A., Chicago, Ill. Process of and apparatus for treating materials. 2,045,343; June 23.
- Darrah, William A., Chicago, Ill. Oven equipment. 2,048,431; July 21.
- Darrah, William A., Chicago, Ill. Treating metal and apparatus therefor. 2,049,250; July 28.
- Darrah, William A., Chicago, Ill. Furnace for enameling, heat treating, etc., and applying heat therefor. 2,062,642; Dec. 1.
- Darroch, Gourley, Executor. (See Apple, Vincent G.)
- Darroch, Gourley, executors, et al. (See Appie, Vincent G.)
- Darrow, Burgess, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Rim for venting tires. 2,033,882; Mar. 10.
- Dart, Edward W. (See Wright, E. H., and Dart.)
- Dart, Edward W., Dearborn, Mich., assignor to Pullman-Standard Car Manufacturing Company. Railway car. 2,037,765; Apr. 21.
- Dart, Edward W., Dearborn, Mich., assignor to Pullman-Standard Car Manufacturing Company. Railway car. 2,056,224; Oct. 6.
- Dart, Robert H., Sacramento, Calif. Blight cutting shears. 2,032,688; Mar. 3.
- Dart, William F., Mason, Mich., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Refrigerator door. 2,051,132; Aug. 18.
- Dartmouth College, Trustees of. (See Ames, Adelbert, Jr., assignor.)
- Darwin, Clifford, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle binder control for looms. 2,062,702; Dec. 1.
- Darwins Limited. (See Brown, William, assignor.)
- Dasher, Don E., Harrison Township, Montgomery County, assignor to Trupar Manufacturing Company, Dayton, Ohio. Air conditioning device. 2,048,246; July 21.
- Dashner, Ralph L. (See Catron, H., Dashner, and Morris.)
- Da Silva, Antonio M., Rio de Janeiro, Brazil. Compressed air water elevator. 2,030,429; Feb. 11.
- Dath, Charles E., assignor to W. H. Miner, Inc., Chicago, Ill. Coupling hitching link. 2,046,322; July 7.
- Datin, Richard C., Syracuse, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Heating materials. 2,034,693; Mar. 24.
- Daub, Rudolph, Nutley, N. J., assignor to Wright Aeronautical Corporation. Two-cycle engine. 2,050,748; Aug. 11.
- D'Aubardé, Paul C. A. M., Saint-Genis Laval, France. Vibration absorbing support. 2,055,279; Sept. 22.
- Dauber, Charles G., Oshkosh, Wis. Material treating device. 2,050,423; Aug. 11.
- D'Aubigne, Emile M., Neuilly-Sur-Seine, France, assignor to Continental-Diamond Fibre Company, Newark, Del. Apparatus for making composite gear rims. 2,028,048; Jan. 14.
- Daudt, Herbert W., and M. A. Youker, assignors to Kinetic Chemicals, Inc., Wilmington, Del. Production of fluorine-containing carbon compounds. 2,062,743; Dec. 1.
- Daughenbaugh, Paul J., New Haven, Conn., assignor to Sharp & Dohme Incorporated, Philadelphia, Pa. Arsenic derivatives of sugars. 2,032,263; Feb. 25.
- Daugherty, Edwin C., Warren, Ohio. Adjustable sink bracket. 2,035,301; Mar. 24.
- Daugherty, James P., Jr., Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del. Conversion of hydrocarbons. 2,031,591; Feb. 25.
- Daughtery, John A., Goldsboro, N. C., assignor, by mesne assignments, to H. W. Davis, Norfolk, Va., as trustee. Plow. 2,034,461; Mar. 17.
- Daum, Charles, Forest Hills, N. Y. Refrigerator tray. 2,053,002; Oct. 20.
- Daum, Léon, assignor of one-half to Schneider & Cie, and one-half to Compagnie des Forges et Aciéries de la Marine et d'Homecourt, Paris, France. Ammunition supplying device for pairs of guns mounted in turrets or the like. 2,036,126; Mar. 31.
- Daum, Leon, assignor of one-half to Compagnie des Forges et Aciéries de la Marine et d'Homecourt, and one-half to Schneider & Cie., Paris, France. Ammunition supplying device. 2,062,212; Nov. 24.
- Dauman, Vladimir G. (See Goldberg, A. L., and Dauman.)
- Daun, Carl L., Milwaukee, Wis., assignor of one-half to W. F. Daun, Saginaw, Mich., and one-half to L. R. and M. A. Smith, Wauwatosa, Wis. Lubricator. 2,027,024; Jan. 7.
- Daun, Carl L., Milwaukee, assignor of one-half to W. F. Daun, Saginaw, Mich., and one-half to L. R. and M. A. Smith, Wauwatosa, Wis. Lubricator. 2,048,730; July 28.
- Daun, Carl L., Milwaukee, Wis., assignor of one-half to W. F. Daun, Saginaw, Mich., and one-half to L. R. and M. A. Smith, Wauwatosa, Wis. Lubricator. 2,052,280; Aug. 25.
- Daun, William F., et al. (See Daun, Carl L., assignor.)
- Dausmann, Charles F., Hempstead, N. Y. Method and means for maintaining web register in multicolor presses. 2,034,694; Mar. 24.
- Dautzenberg, Paul, Aachen, assignor to E. Henke, Radeberg, Germany. Focusing adjustment for cameras by means of the finder. 2,060,613; Nov. 10.
- D'Auvrain, Fernand, Brussels, Belgium. Steganographic typewriter. 2,058,776; Oct. 27.
- Davenport, Charles W., Gunter, Tex. Cotton stalk knocker. 2,061,791; Nov. 24.
- Davenport, Frank A. (See Willshaw, H., Smith, and Davenport.)
- Davenport Machine Tool Co. Incorporated. (See Brinkman, Earl W., assignor.)
- Davenport Manufacturing Company. (See Le Bleu, Charles, assignor.)
- Davenport, Schuyler B., Bound Brook, and A. Savio, Dunellen, N. J. Method of and apparatus for sensitizing paper. 2,051,826; Aug. 25.
- Daye, Gerald F., Worcester, Mass. Furnace wall. 2,051,683; Aug. 18.
- Daye, Paul H., Kent, Ohio. Power take-off and associated mechanism. 2,051,784; Aug. 18.
- Daye, Walter F., Somerville, Mass. Shade. 2,045,840; June 30.
- David, Bruce W., Cleveland Heights, assignor to R. E. Kinkead, Shaker Heights, Ohio. Indicating device for arc welding. 2,027,224; Jan. 7.
- David, Edward, Monterey, and A. F. Schmidt, Pacific Grove, Calif., said Schmidt assignor to said David. Canning fish. 2,055,230; Sept. 22.
- David, Toney, Winfield, N. Y. Nonbreakable clothespin. 2,064,591; Dec. 15.
- Davidoff, Isidore Z. (See Skwierawski, Walter, assignor.)
- Davidson, Alfred, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of alkyl sulphonic acids. 2,053,424; Sept. 8.
- Davidson, Alfred, Crumpsall, and W. G. Reid, Derby, assignors to Imperial Chemical Industries Limited, Westminster, England. Zinc derivatives of diazo salts and making them. 2,052,386; Aug. 25.
- Davidson, Arthur J., assignor to Eastman Kodak Company, Rochester, N. Y. Film making machine and method. 2,051,201; Aug. 18.
- Davidson, Bruce J., Kew Gardens, assignor to National Biscuit Company, New York, N. Y. Carton. 2,038,893; Apr. 28.
- Davidson, Bruce J., Kew Gardens, N. Y., assignor to National Biscuit Company, New York, N. Y. Carton. 2,062,164; Nov. 24.
- Davidson, Bruce J., Kew Gardens, N. Y., assignor to National Biscuit Company, New York, N. Y. Display stand. 2,062,165; Nov. 24.
- Davidson, Charles D. (See Dowling, R. J., and Davidson.)
- Davidson, Ellsworth L., assignor to Mandell Manufacturing Co., Chicago, Ill. Knock-down display pedestal. 2,044,422; June 16.
- Davidson, Esther O. A., et al. (See Slattengren, Henry A., assignor.)
- Davidson, George A., El Segundo, assignor to Standard Oil Company of California, San Francisco, Calif. Tube temperature indicator. 2,055,004; Sept. 22.
- Davidson, George A., El Segundo, O. E. Liddell, Los Angeles, C. N. Hine, Santa Monica, and G. W. Shannon, Los Angeles, assignors to Standard Oil Company of California, San Francisco, Calif. Thermocouple shield. 2,048,681; July 28.
- Davidson, Glenn, Bloomington, Ill. Cigarette mouthpiece. 2,039,298; May 5.
- Davidson, Harold W. (See Kauffman, C. A., and Davidson.)
- Davidson, Hobart O., Meadville, assignor to The Viscose Company, Marcus Hook, Pa. Bearing lubrication. 2,043,885; June 9.
- Davidson, James L., Los Angeles, Calif. Heating system. 2,063,152; Dec. 8.
- Davidson, Joseph K. (See Folmer, W. F., and Chapin, assignors.)



- Davidson, Joseph K., assignor, by mesne assignments, to J. K. Davidson, Rochester, N. Y. Insect electrocuting device. 2,038,719; Apr. 28.
- Davidson, Louis, Hewlett, N. Y. Arch building construction. 2,031,937; Feb. 25.
- Davidson, Mendel, New Rochelle, N. Y. Heating pot. 2,035,223; Mar. 24.
- Davidson, Nathan, Los Angeles, Calif. Building construction. 2,060,045; Nov. 10.
- Davidson, Trevor. (See Bauer, H. E., Fykse, Davidson, and Lonngrea.)
- Davies, Trevor, and A. R. Taylor, assignors to Bucyrus-Erie Company, South Milwaukee, Wis. Counterweight for excavators. 2,033,883; Mar. 10.
- Davidson, William W., Evanston, Ill. Blank feeding and stopping mechanism. 2,064,521; Dec. 15.
- Davie, Preston. (See Cammen, Leon, assignor.)
- Davies, Charles, New York, N. Y. Ventilator. 2,061,535; Nov. 17.
- Davies, Clyde G., and L. W. Neal, Ashland, Ky. Counting device. 2,034,330; Mar. 17.
- Davies, David B., Shelton, Wash. Bleaching chemical wood pulp. 2,046,551; July 7.
- Davies, David R., Didsbury, England, assignor to General Electric Company. Liquid immersed electric circuit interrupter. 2,047,008; July 7.
- Davies, David R., Didsbury, England, assignor to General Electric Company. Electrical switchgear. 2,048,540; July 21.
- Davies, Emyr C. (See Powell, A. R., and Davies.)
- Davies, F. A., et al. (See McCarty, Madison P., assignor.)
- Davies, Gomer L., assignor to Washington Institute of Technology, Inc., Washington, D. C. Electromechanical frequency selector. 2,050,165; Aug. 4.
- Davies, Holden H., Pasadena, Calif. Colon irrigator. 2,058,003; Oct. 20.
- Davies, James O., St. Louis, Mo. Superfluous hair remover. 2,040,599; May 12.
- Davies, John S. H. (See Cocker, W., Davies, and Hill.)
- Davies, Leonard J. (See Cheney, H., and Davies.)
- Davies, Leonard J. (See Fenwick, C. E., Davies, and Tuppen.)
- Davies, Leonard J., C. Gilson, and W. J. Scott, Rugby, England, assignors to General Electric Company. Electric lamp. 2,030,430; Feb. 11.
- Davies, Lloyd L., Knoxville, Tenn., J. V. Resek, Cleveland, Ohio, and W. W. Carson, Jr., assignors to The Fulton Siphon Company, Knoxville, Tenn. Fluid mixing device. 2,049,197; July 28.
- Davies, Lloyd L., Knoxville, Tenn., J. V. Resek, Cleveland, Ohio, and W. W. Carson, Jr., Knoxville, Tenn., assignors to The Fulton Siphon Company, Knoxville, Tenn. Fluid mixing device. 2,064,244; Dec. 15.
- Davies, Phyllis A. W., Otane, Hawkes Bay, New Zealand. Bathing cap. 2,063,232; Dec. 8.
- Davies, Saml.: Alexander Engineering Works Limited. (See Davies, Samuel, assignor.)
- Davies, Samuel, assignor of one-half to Saml. Davies: Alexander Engineering Works Limited, Briton Ferry, Wales. Machine for coating metal plates with metals or alloys. 2,037,503; Apr. 14.
- Davies, Samuel, assignor of one-half to Saml. Davies: Alexander Engineering Works Limited, Briton Ferry, Wales. Machine for pickling, swilling, and scrubbing metal plates. 2,050,649; Aug. 11.
- Davies, Wayne, Evanston, Ill. Forming packing ring stock. 2,053,363; Sept. 8.
- Davies, Wayne, Evanston, Ill. Packing ring sizing machine. 2,060,179; Nov. 10.
- Davis, Andrew J. (See Oder, A., and Davis.)
- Davis, Archibald H., Jr., New Castle, Pa., assignor, by mesne assignments, to Steel and Tubes, Inc., Cleveland, Ohio. Method and apparatus for testing metals for defects. 2,065,118; Dec. 22.
- Davis, Archibald H., Jr., New Castle, Pa., assignor, by mesne assignments, to Steel and Tubes, Inc., Cleveland, Ohio. Flaw detection. 2,065,119; Dec. 22.
- Davis, Arthur B., Springfield, Ohio. Multicolor printing. 2,052,556; Sept. 1.
- Davis, Augustine, Jr., Cincinnati, Ohio. Vehicle body. 2,029,756; Feb. 4.
- Davis, Augustine, Jr., Cincinnati, Ohio. Road tank vehicle. 2,033,457; Mar. 10.
- Davis, Augustine, Jr., Cincinnati, Ohio. Bumper construction for vehicle tanks. 2,057,015; Oct. 13.
- Davis, Augustine, Jr., Cincinnati, Ohio. Apparatus for transportation and delivery of beer. 2,063,727; Dec. 8.
- Davis, Basil, Brockley Hill, Stanmore, G. Ellis, Shepherd's Bush, London, and H. J. Coates, Erdington, Birmingham, assignors to The General Electric Company Limited, London, England. Electric lighting system. 2,057,184; Oct. 13.
- Davis, Benjamin W., Chicago, Ill. Heating apparatus. 2,063,031; Dec. 8.
- Davis, Bernard J., Oakland, Calif. Artisan tool. 2,048,846; July 28.
- Davis, Calvin V., Mount Vernon, assignor to Ambursen Construction Company, Inc., New York, N. Y. Dam. 2,029,224; Jan. 28.
- Davis, Charles C., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Bevel gear differential mechanism. 2,065,661; Dec. 29.
- Davis, Charles F., Waterloo, Quebec, Canada. Container. 2,060,754; Nov. 10.
- Davis, Charles H., Cheshire, assignor to The American Brass Company, Waterbury, Conn. Copper and copper base alloys. 2,034,561; Mar. 17.
- Davis, Charles H., Jr., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Connector. 2,035,947; Mar. 31.
- Davis, Charles H., Jr., deceased, by J. T. Fitzsimmons, administrator, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition apparatus. 2,060,556; Nov. 10.
- Davis, Charles H., Cheshire, and E. L. Munson, Naugatuck, assignors to The American Brass Company, Waterbury, Conn. Copper base alloys. 2,034,562; Mar. 17.
- Davis, Charles H., E. L. Munson, and C. S. Smith, Cheshire, assignors to The American Brass Company, Waterbury, Conn. Copper-silicon-cadmium alloys. 2,034,563; Mar. 17.
- Davis, Clarke F., Short Hills, N. J., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Supported deck construction. 2,049,733; Aug. 4.
- Davis, Clarke F., Short Hills, N. J., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Lintel. 2,066,253; Dec. 29.
- Davis, Clarke F., Westfield, N. J., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Ceiling structure. 2,065,796; Dec. 29.
- Davis, Cortland W. (See Whipple, A. D., and Davis.)
- Davis, Cy H., Fenwick, Ontario, Canada. Mechanical pencil. 2,030,025; Feb. 4.
- Davis, De Lancey W. (See Stern, C., Davis, and Gillespie.)
- Davis, Elmer M., assignor to Swift and Company, Chicago, Ill. Cover retaining means. 2,029,811; Feb. 4.
- Davis, Elmer M., assignor to Industrial Patents Corporation, Chicago, Ill. Strainer. 2,043,371; June 9.
- Davis, Elmer M., assignor to Industrial Patents Corporation, Chicago, Ill. Mixing device. 2,060,557; Nov. 10.
- Davis Engineering Corporation. (See Davis, Howard C., assignor.)
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Control means for garment or ironing presses. 2,028,379; Jan. 21.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Timing valve. 2,035,791; Mar. 31.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Pressing machine. 2,035,792; Mar. 31.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Actuating mechanism for presses. 2,035,793; Mar. 31.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Garment or ironing press. 2,035,794; Mar. 31.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Two-step pressing machine. 2,035,795; Mar. 31.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Garment or ironing press. 2,035,796; Mar. 31.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Garment or ironing press. 2,035,797; Mar. 31.
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Garment or ironing press. 2,036,321; Apr. 7.
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Power actuating mechanism for fabric presses. 2,045,443; June 23.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Pressing machine. 2,045,444; June 23.
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Actuating mechanism for pressing machines. 2,045,445; June 23.
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Actuating mechanism for pressing machines. 2,045,446; June 23.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Garment or ironing press. 2,045,447; June 23.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Pressing machine. 2,045,448; June 23.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Automatic drive and washer. 2,056,833; Oct. 6.
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Photoelectric safety control. 2,058,668; Oct. 27.
- Davis, Ernest, and P. N. Braun, assignors to The Prosperity Company Inc., Syracuse, N. Y. Water level control. 2,057,513; Oct. 13.
- Davis, Ernest W., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubrication and apparatus therefor. 2,030,504; Feb. 11.
- Davis, Ernest W., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Grease gun rack. 2,035,639; Mar. 31.
- Davis, Ernest W., Oak Park, assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,051,290; Aug. 18.
- Davis, Ernest W., Oak Park, assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Pneumatic motor for lubricant pumps. 2,060,180; Nov. 10.



- Davis, Ernest W., Oak Park, and L. A. Williams, Jr., Winnetka, assignors to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,061,062; Nov. 17.
- Davis, Ernest W., Oak Park, assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,062,447; Dec. 1.
- Davis, Eugene L., Long Beach, Calif., assignor to The Texas Company, New York, N. Y. Increasing production from wells. 2,045,899; June 30.
- Davis, Forrest W., Elkins, W. Va. Cutting device. 2,053,702; Sept. 8.
- Davis, Frank K., Silver Spring, Md., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting, bookkeeping, and card-perforating machine. 2,064,340; Dec. 15.
- Davis, Frank L., Jr., Kenilworth, assignor to The Watson-Stillman Co., Roselle, N. J. Lead extrusion. 2,033,975; Mar. 17.
- Davis, Frank M., Milwaukee, assignor to Davis and Thompson Company, West Allis, Wis. Multiple operation machine. 2,033,686; Mar. 10.
- Davis, Frank M., Milwaukee, Wis. Crankshaft drilling machine. 2,057,939; Oct. 20.
- Davis, Frank M., Milwaukee, assignor to Davis and Thompson Company, West Allis, Wis. Milling machine spindle mounting. 2,065,173; Dec. 22.
- Davis, Frank P., Hialeah, assignor of one-half to J. H. Walsh, Jacksonville, Fla. Muffler for aircraft. 2,046,252; June 30.
- Davis, Fred F., Roxbury, Mass. Dispensing system. 2,056,568; Oct. 6.
- Davis, Garland H. B., Baton Rouge, La., assignor to Standard-I. G. Company. Process for the purification and desulphurization of low boiling distillates. 2,042,298; May 26.
- Davis, Garland H. B., Baton Rouge, La., assignor to Standard Oil Development Company. Lubricating composition and making same. 2,055,482; Sept. 29.
- Davis, Garland H. B., Baton Rouge, La., assignor to Standard Oil Development Company. Crystallization inhibitor for paraffin wax in lubricating oils. 2,062,354; Dec. 1.
- Davis, George H., West Orange, N. J. Fire alarm. 2,048,630; July 21.
- Davis, Harold G., Denver, Colo. Dishwashing machine. 2,047,177; July 14.
- Davis, Harold S., and A. W. Francis, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of alcohols. 2,047,194; July 14.
- Davis, Harriett H., Chicago, Ill. Display device. 2,065,797; Dec. 29.
- Davis, Harry A., assignor to Draper Corporation, Hopedale, Mass. Shuttle tension. 2,046,288; June 30.
- Davis, Harry D., Springfield, Mass. Closure for collapsible tubes. 2,044,837; June 23.
- Davis, Henry G., Corpus Christi, Tex. Middle buster attachment. 2,050,424; Aug. 11.
- Davis, Henry S., West Haven, Conn. Signaling system for automobiles and other vehicles. 2,030,246; Feb. 11.
- Davis, Herbert C., and I. A. Grabmeyer, Detroit, and A. G. Van Loozen, Dearborn, Mich., assignors to The McBee Company, Athens, Ohio. Book and binding strip therefor. 2,046,151; June 30.
- Davis, Hernando D. (See Ferguson, A. L., and Davis.)
- Davis, Hiotte A., Lynchburg, Va., assignor to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 2,041,700; May 26.
- Davis, Howard. (See Porter, Charles J., assignor.)
- Davis, Howard C., Elizabeth, N. J., assignor to Davis Engineering Corporation. Making an expansion joint. 2,063,490; Dec. 8.
- Davis, Hugh W., trustee. (See Daughtery, John A., assignor.)
- Davis, Jack H., Dallas, Tex. Piston. 2,062,808; Dec. 1.
- Davis, James H., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Bearing and making same. 2,048,247; July 21.
- Davis, James H., and J. C. Lemming, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Making a pivot bearing. 2,026,774; Jan. 7.
- Davis, Jermon T., Gaffney, S. C. Attachment for shipper lock and handle of looms. 2,054,741; Sept. 15.
- Davis, Jesse H., Baltimore, Md. Preserving grain in storage. 2,027,268; Jan. 7.
- Davis, Jesse H., Baltimore, Md. Preserving grain in storage. 2,032,264; Feb. 25.
- Davis, Jesse H., Baltimore, Md. Method of and apparatus for treating grain for extermination of insect life therein. 2,040,600; May 12.
- Davis, Jesse H., Baltimore, Md. Method of and apparatus for treating materials for the destruction of insect life therein. 2,064,522; Dec. 15.
- Davis, John B., Tifton, Ga. Agricultural implement. 2,034,229; Mar. 17.
- Davis, John B., Keyport, N. J., and J. L. Simpson, New York, N. Y., assignors to Columbia Phonograph Company, Inc., Bridgeport, Conn. Cold light source. 2,027,519; Jan. 14.
- Davis, John H., Melbourne, Australia. Teat cup for milking machines. 2,055,718; Sept. 29.
- Davis, John W. (See Crandall, L., Davis, and Lindquist.)
- Davis, Joseph A., Meadville, Pa. Locking means for containers. 2,036,125; Mar. 31.
- Davis, Joseph E., Beacon, assignor to New York Rubber Corporation, New York, N. Y. Reinforced hose. 2,047,770; July 14.
- Davis, Joseph R., Clarksburg, W. Va. Internal combustion engine. 2,026,520; Jan. 7.
- Davis, Kenneth, St. Benedict, Pa., assignor, by mesne assignments, to Peale-Davis Company, Wilmington, Del. Process and mechanism for separating intermixed divided material. 2,038,100; Apr. 21.
- Davis, Kenneth, Cresson, assignor of one-half to S. W. Blakslee, Pottsville, Pa. Separating machine and process. 2,062,211; Nov. 24.
- Davis, Lewis K., Hampton, N. J. Impact device. 2,030,686; Feb. 11.
- Davis, Lincoln K., Brockton, Mass. Cigarette lighter. 2,052,016; Aug. 25.
- Davis, Lloyd L., Ponca City, assignor to Continental Oil Company, Ponca City, Okla. Oil testing device. 2,031,253; Feb. 18.
- Davis, Merlin, Milton, Pa. Cathode ray tube. 2,053,268; Sept. 8.
- Davis, Myrl N., Appleton, and C. J. Greiner, Menosha, Wis., assignors to International Cellulocotton Products Company, Chicago, Ill. Inspecting means. 2,033,614; Mar. 10.
- Davis, Myrl N., and H. E. Malmstrom, Appleton, assignors to Paper Patents Company, Neenah, Wis. Apparatus for testing the smoothness of paper. 2,050,486; Aug. 11.
- Davis, Norman C., Baltimore, Md. Bathtub. 2,030,687; Feb. 11.
- Davis, Norman E., Chelmsford, and R. C. Quick, Shenfield, England, assignors to Radio Corporation of America. Combination antenna and load supply system. 2,064,465; Dec. 15.
- Davis, Oscar M., Houston, Tex. Back pressure valve mechanism. 2,059,443; Nov. 3.
- Davis, Ralph L., Wallingford, Conn. Wire insulation testing apparatus and method. 2,043,528; June 9.
- Davis, Ray H. (See Barber, F. E., and Davis, assignor.)
- Davis, Richard F., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of tars. 2,035,868; Mar. 31.
- Davis, Robert A., and J. F. Mummert, Birmingham, Ala., assignors to Chicago Bridge & Iron Company. Pressure tank door. 2,037,707; Apr. 21.
- Davis, Robert L., Grand Rapids, Mich., assignor to Westinghouse Electric & Manufacturing Company. Signaling system. 2,032,921; Mar. 3.
- Davison, Robert L., assignor to John B. Pierce Foundation, New York, N. Y. Supporting strap for electric fixtures. 2,056,169; Oct. 6.
- Davis, Robert M., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,027,721; Jan. 14.
- Davis, Royall, O. E., and W. Scholl, Washington, D. C., dedicated to the free use of the public. Ammoniating organic materials. 2,027,766; Jan. 14.
- Davis, S. H. (See Jackson, Clarence C., assignor.)
- Davis, Sidney H., Tulsa, Okla., C. O. Anderson, Baxter Springs, Kans., and R. J. Stengl, Monahans, Tex. Apparatus for recovering crystalline salts from solutions. 2,032,201; Feb. 25.
- Davis, Stanley R., Detroit, Mich. Tank top tray. 2,062,742; Dec. 1.
- Davis and Thompson Company. (See Davis, Frank M., assignor.)
- Davis, Verner F., West Orange, N. J., assignor to Atlas Valve Company. Valve regulator. 2,050,042; Aug. 4.
- Davis, Vernon E., Poughkeepsie, N. Y. Automatic fire hose reel. 2,053,654; Sept. 8.
- Davis, Walter F., Nassau County, assignor to Fairchild Aviation Corporation, New York, N. Y. Engine cooling system. 2,037,708; Apr. 21.
- Davis, Walter F., Farmingdale, assignor to Fairchild Aviation Corporation, New York, N. Y. Internal combustion engine. 2,043,529; June 9.
- Davis, Walter T. (See Paull, A. W., and Davis.)
- Davis, Wilbert E. (See Creese, D. L., Davis, and Müller.)
- Davis, William H., et al. (See Chandler, Daniel L., assignor.)
- Davis, William L., Richmond, Va. Frame for stretching doilies. 2,053,465; Sept. 8.
- Davis, Willie H., Angola, assignor of one-half to A. Lacoste, New Roads, La. Band buckle. 2,029,413; Feb. 4.
- Davis, Willis G., Pompton Plains, N. J., assignor to The Stanley Works, New Britain, Conn. Fiberboard cutting tool. 2,059,317; Nov. 3.
- Davison, Alice L. S., executrix. (See Davison, Gregory C.)
- Davison Chemical Corporation, The. (See Connolly, G. C., and Wurzbacher, assignors.)
- Davison Chemical Corporation, The. (See Hardiek, William, assignor.)
- Davison Chemical Corporation, The. (See Holden, Edwin C., assignor.)
- Davison Chemical Corporation, The. (See Lednum, J. M., and Marshall, assignors.)
- Davison Chemical Corporation, The. (See Miller, Ernest B., assignor.)
- Davison Chemical Corporation, The. (See Wiggins, Dudley H., assignor.)
- Davison Chemical Corporation, The. (See Wilson, Alvin C., assignor.)
- Davison, Gale. (See Sheeley, William F., assignor.)



- Davison, Gregory C., deceased, New London, Conn.; A. L. S. Davison, executrix. Cable tool joint. 2,045,520; June 23.
- Davison, Robert L., assignor to J. B. Pierce Foundation, New York, N. Y. Factory fabricated rough plumbing unit. 2,027,371; Jan. 14.
- Davison, Robert L., assignor to John B. Pierce Foundation, New York, N. Y. Combined partition-fixtured unit. 2,030,024; Feb. 4.
- Davison, Robert L., assignor to John B. Pierce Foundation, New York, N. Y. Composition door. 2,033,884; Mar. 10.
- Davison, Robert L., New York, and E. V. Ludwig, Buffalo, assignors to John B. Pierce Foundation, New York, N. Y. Fireplace stove and heaters. 2,028,088; Jan. 14.
- Davison, Sidney M., Annisquam, Mass. Apparatus for freezing materials. 2,027,372; Jan. 14.
- Davison, William E., St. Lambert, Quebec, Canada. Game. 2,036,462; Apr. 7.
- Davison, Clinton J., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron lens. 2,055,655; Sept. 29.
- Davitt, John W. (See Elze, W. C., and Davitt.)
- Davock, Harlow N., Birmingham, Mich. Washbasin. 2,060,855; Nov. 17.
- Davol Rubber Co. (See Hanna, Ezra L., assignor.)
- Davol Rubber Company. (See Raiche, Paul A., assignor.)
- Davy, Charles F., Syracuse, N. Y. Grate construction. 2,053,703; Sept. 8.
- Dawes, Frank, Hipperholme, near Halifax, England. Apparatus for use in the drawing, spinning, and of twisting of yarns. 2,043,607; June 9.
- Dawes, Robert T., Hudson, Mass. Elastic braid. 2,032,265; Feb. 25.
- Dawn Mfg. Corp., The. (See Welter, Herman C., assignor.)
- Dawson, Aaron G. (See Groeschel, S. C., and Dawson.)
- Dawson, Albert J., Sewickley, Pa., assignor to The Dravo Contracting Company. Barge structure. 2,054,410; Sept. 15.
- Dawson, Axel G., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Partition. 2,049,692; Aug. 4.
- Dawson, Axel G., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Partition. 2,062,868; Dec. 1.
- Dawson, Charles W. (See Kruse, J. F. W., Dawson, and Richardson.)
- Dawson, Charles W. (See Richardson, T. A., and Dawson.)
- Dawson, Elma N. (See Dawson, James C., assignor.)
- Dawson, George H., assignor to Wilson-Jones Company, Chicago, Ill. Summary board. 2,036,684; Apr. 7.
- Dawson, George H., assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,049,895; Aug. 4.
- Dawson, George H., Chicago, and F. D. Wedge, Lombard, assignors to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,057,514; Oct. 13.
- Dawson, Harry, Everett, Wash. Barrel truck. 2,029,656; Feb. 4.
- Dawson, James C., assignor to E. N. Dawson, Webster Groves, Mo. Loose leaf binder. 2,041,168; May 19.
- Dawson, John W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,030,099; Feb. 11.
- Dawson, John W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,030,100; Feb. 11.
- Dawson, John W., and F. H. Gulliksen, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,057,515; Oct. 13.
- Dawson, Joseph C., London, England, assignor, by mesne assignments to Dexter Folder Company, New York, N. Y. Sheet feeding mechanism. 2,046,728; July 7.
- Dawson, Leonard, Needham, assignor to The Gamewell Company, Newton, Upper Falls, Mass. Automatic fire alarm system. 2,056,345; Oct. 6.
- Dawson, Lester J., Minneapolis, Minn. Faucet. 2,057,231; Oct. 13.
- Dawson, Noble E., Los Angeles, Calif. Roof structure. 2,033,689; Mar. 10.
- Day, A. Blaine. (See Bergner, Luther F., assignor.)
- Day, Clarence E., West Springfield, and M. J. Bray, Springfield, Mass.; said Bray assignor to said Day. Collapsible box. 2,057,609; Oct. 13.
- Day, Clayton L. (See Horton, G. T., and Day.)
- Day, George G., North Holston, Va., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Distillation of ammonia from aqueous ammoniacal brines. 2,029,467; Feb. 4.
- Day, Frank B. (See Bannister, A. R., and Day.)
- Day, Frank B., Kingston-on-Thames, and A. R. Bannister, Sunbury-on-Thames, England. Cream making machine. 2,056,932; Oct. 6.
- Day, J. H., Company, The. (See Kirchhoff, William G., assignor.)
- Day, J. H., Company, The. (See Schiff, Sigmund, assignor.)
- Day, John A., assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Silencer. 2,037,884; Apr. 21.
- Day, John J., et al. (See Day, William P., assignor.)
- Day, John L., Keeoke, Va. Mine car coupling. 2,049,156; July 28.
- Day, Leslie, Chicago, Ill. Pavement structure and joint therefor. 2,063,591; Dec. 8.
- Day, Luther F., assignor to Webster Engineering Company, Tulsa, Okla. Apparatus for proportioning the flow of gases. 2,030,140; Feb. 11.
- Day, Luther F., assignor to Webster Engineering Company, Tulsa, Okla. Automatic controlling apparatus. 2,036,025; Mar. 31.
- Day, Percy C. (See Falk, H. S., and Day.)
- Day, Percy C. (See Schmitter, W. P., and Day.)
- Day, Percy C., assignor to The Falk Corporation, Milwaukee, Wis. Geared power unit for oil wells. 2,054,782; Sept. 15.
- Day, Ralph B., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Method and apparatus for treating rubber articles. 2,031,560; Feb. 18.
- Day, Ralph B., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Method and apparatus for treating rubber articles. 2,031,561; Feb. 18.
- Day, Ralph B., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vented rubber article. 2,047,858; July 14.
- Day, Ralph B., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vented rubber article. 2,047,859; July 14.
- Day, Ralph K., assignor to Corning Glass Works, Corning, N. Y. Differential pressure gauge. 2,045,701; June 30.
- Day, Ray E., Detroit, Mich. Piston. 2,047,856; July 14.
- Day, Ray E., Detroit, Mich. Piston. 2,047,857; July 14.
- Day, Ray E., Detroit, Mich. Piston. 2,053,324; Sept. 8.
- Day, Roland B., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,029,256; Jan. 28.
- Day, Roland B., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,029,758; Feb. 4.
- Day, Roland B., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of asphalt and lubricating oils. 2,049,000; July 28.
- Day, Roland B., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Improving gasoline. 2,051,939; Aug. 25.
- Day, Roland B., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,055,027; Sept. 22.
- Day, Roland B., assignor to Universal Oil Products Company, Chicago, Ill. Desulphurizing light hydrocarbons. 2,058,958; Oct. 27.
- Day, Roland B., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oil. 2,063,082; Dec. 8.
- Day, Roland B., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,063,491; Dec. 8.
- Day, Roland B., Palos Verdes Estates, Calif., assignor to Universal Oil Products Company, Chicago, Ill. Improving hydrocarbon liquids. 2,029,757; Feb. 4.
- Day, William L. (See Jenkins, A., Day, and Rempp.)
- Day, William P., Jr., et al. (See Day, William P., assignor.)
- Day, William P., Cleveland, Ohio, assignor of one-fourth to J. J. Day and one-fourth to W. P. Day, Jr. Car wheel. 2,047,358; July 14.
- Day, William T., Jr., Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Heat treating metals. 2,038,208; Apr. 21.
- Day and Zimmermann, Incorporated. (See Badenhausen, John P., assignor.)
- Dayatnite Lamp Corporation. (See Greenmun, Leo S., assignor.)
- Day-Brite Reflector Company. (See Biller, David J., assignor.)
- Dayment, Lester E., Union and R. F. Lilly, Westfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Printing apparatus. 2,047,359; July 14.
- Dayson, Sylvester, Baird, Tex., and J. R. Parten, Shreveport, La. Reactivating hydrocarbons. 2,061,792; Nov. 24.
- Dayton Display Fixture Company, The. (See Allen, Erhard, assignor.)
- Dayton, James M., Torrington, Conn. Circuit controlling device. 2,052,083; Aug. 25.
- Dayton Pump & Manufacturing Co., The. (See Eickmeyer, Earl E., assignor.)
- Dayton Pump and Mfg. Company, The. (See Horvath, A. G., and Eickmeyer, assignors.)
- Dayton Rubber Mfg. Co., The. (See Ford, Benjamin F., assignor.)
- Dayton Rubber Manufacturing Company, The. (See Freedlander, Abraham L., assignor.)
- Dayton Rubber Mfg. Company, The. (See Kremer, Edward H., assignor.)
- Dayton Rubber Mfg. Company, The. (See Ritzert, Norman J., assignor.)
- Dayton Rubber Mfg. Company, The. (See Rockoff, Joseph, assignor.)
- Dayton Steel Foundry Company, The. (See Walther, George, assignor.)
- Dayton Synthetic Chemicals, Inc. (See Thomas, Charles A., assignor.)
- Dazey Churn & Manufacturing Co. (See Dazey, Harry L., assignor.)
- Dazey, Harry L., assignor to Dazey Churn & Manufacturing Co., St. Louis, Mo. Can opener. 2,029,812; Feb. 4.



- Deadrich, Louis R. (See Beisley, W. F., Spradlin, Deadrich, and Eckhoff.)
- Deahl, Kenneth J. (See Hunter, P. E., and Deahl.)
- Deakin, Harry, Union, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Making thermal insulation. 2,051,076; Aug. 18.
- Deakin, William, Brooklyn, assignor to Julius Kayser & Co., New York, N. Y. Milanese warp knitting machine. 2,042,146; May 26.
- Deal, Leon A., Beloit, Wis. Sail attachment for bicycles. 2,038,166; Apr. 21.
- Dealey, William L. (See Dvorak, A., and Dealey.)
- Dean, Arthur L. (See Dean, Winton A., and A. L.)
- Dean, Arthur, trustee. (See De Long, Nelson, assignor.)
- Dean, Dion K., Rahway, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Heat recovery system. 2,029,360; Feb. 4.
- Dean, Dion K., Rahway, and E. N. Sieder, Elizabeth, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Fractionating apparatus. 2,040,431; May 12.
- Dean, Doris B. (executrix). (See Dean, William E., Jr.)
- Dean, Elmer C., Frankfort, Ind. Diving apparatus. 2,027,474; Jan. 14.
- Dean, George H., Norwood, R. I. Structural column and bracket cap therefor. 2,046,152; June 30.
- Dean, George J., Pueblo, Colo. Indestructible safety mail box support. 2,050,280; Aug. 11.
- Dean, John, San Francisco, Calif., assignor to one-fourth to D. Campbell. Acoustic material. 2,049,832; Aug. 4.
- Dean, John N. (See Smith, W. S., Garnett, and Dean.)
- Dean, Joseph V., Wilmington, Del. Game apparatus. 2,045,217; June 23.
- Dean, Milo M., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Refrigerating vehicle body. 2,050,425; Aug. 11.
- Dean, Oscar M., Sioux City, Iowa. Cutting fur. 2,040,364; May 12.
- Dean, Seward A., St. Paul, and O. M. Russell, Hastings, assignors of one-fourth to A. C. Cragg, one-fourth to Le R. Welliver, and one-fourth to R. F. Wilder, St. Paul, Minn. Typewriter. 2,029,159; Jan. 28.
- Dean, Walter A. (See Kempf, L. W., and Dean.)
- Dean, Walter A., and C. G. Jancura, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,549; Jan. 7.
- Dean, Walter A., and C. G. Jancura, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,550; Jan. 7.
- Dean, Walter A., and C. G. Jancura, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,577; Jan. 7.
- Dean, Walter A., and C. G. Jancura, Cleveland, Ohio, assignors to Aluminum Company of America, New Kensington, Pa. Free cutting alloys. 2,026,578; Jan. 7.
- Dean, Walter A., and C. G. Jancura, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,579; Jan. 7.
- Dean, Walter C., Chevy Chase, Md. Boat davit. 2,045,587; June 30.
- Dean, William E., Jr., deceased, Hamilton, Ontario, Canada, by D. B. Dean, executrix, Chautauqua, N. Y., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,039,710; May 5.
- Dean, William E., Jr., deceased, Hamilton, Ontario, Canada, by D. B. Dean, executrix, Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Piston device. 2,045,177; June 23.
- Dean, William H., Darlington, England. Power-driven reciprocating hand tool. 2,037,121; Apr. 14.
- Dean, William L., and F. S. Lampard, assignors to Mathews Conveyor Company, Ellwood City, Pa. Fruit and vegetable washer. 2,050,964; Aug. 11.
- Dean, Winton A., and A. L., Huntington Park, Calif. Gaseous fuel mixing device. 2,035,538; Mar. 31.
- Deane, Harry C., Hendon, London, and J. H. Naden, Hampstead, London, England. Appliance for use in practicing or playing games. 2,032,081; Feb. 25.
- Deanesly, Richard M., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Production of tertiary alcohols and products thereof. 2,042,212; May 26.
- Deanesly, Richard M., and G. Hearne, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Halogenation of organic fluids. 2,031,938; Feb. 25.
- De Angelis, John, Mount Vernon, and M. De Angelis, Tuckahoe, N. Y. Universal clock. 2,056,038; Sept. 29.
- De Angelis, Mario. (See De Angelis, John and M.)
- Deans, Frederick E. (See Bentley, P. A., Deans, Manger, and Wainwright.)
- Deans, Frederick E., C. F. Manger, and C. H. Wainwright, assignors to The Bentley Engineering Company, Leicester, England. Knitted fabric and knitting fabrics by circular knitting machines. 2,048,432; July 21.
- Dearborn, Charles A., assignor to American Blind Stitch Machine Company, New York, N. Y. Work supporting means for sewing machines. 2,064,153; Dec. 15.
- Dearborn Chemical Company. (See Horstmann, Frederick B., assignor.)
- Dearborn Chemical Company. (See Reynolds, Albert H., assignor.)
- Dearborn, Richard J., Summit, N. J., assignor to The Texas Company, New York, N. Y. Refining mineral oil with solvents. 2,055,428; Sept. 22.
- Dearborn, Richard J., Summit, N. J., and W. M. Stratford, assignors to The Texas Company, New York, N. Y. Treatment of hydrocarbon oils. 2,028,100; Jan. 14.
- Dearing, Alfred E., and W. B. Parker, Manchester, Tenn. Device for admitting air and water to the cylinders of an internal combustion engine. 2,027,813; Jan. 14.
- Dearing, Le Roy M., assignor to Antioch Industrial Research Institute, Inc., Yellow Springs, Ohio. Method and apparatus for distillation and extraction. 2,038,546; Apr. 28.
- Dearing, Stephen L., Palmyra, Mo. Head covering. 2,047,009; July 7.
- Deaver, Cyril M., Terre Haute, Ind. Deinsulator for electric conductors. 2,036,463; Apr. 7.
- De Back, William. (See Thompson, A. R., and de Back.)
- de Back William, assignor to Food Machinery Corporation, San Jose, Calif. Grading machine. 2,059,776; Nov. 3.
- De Backer, Joseph, Uccle-Brussels, Belgium. Multiple clutch device. 2,057,559; Oct. 13.
- De Bats, Jean H. L., East Orange, N. J. Apparatus for preparing synthetic carbonado diamonds. 2,027,963; Jan. 14.
- De Bats, Jean H. L., East Orange, N. J. Apparatus for making powdered metals. 2,040,168; May 12.
- De Bats, Jean H. L., East Orange, N. J. Apparatus for making powdered metals. 2,061,696; Nov. 24.
- De Baufre, William L., Lincoln, Nebr. Method and apparatus for cooling and drying moist gases. 2,039,889; May 5.
- De Baufre, William L., Lincoln, Nebr., Apparatus for discharging liquefied gases from a vessel below atmospheric temperature. 2,062,781; Dec. 1.
- De Beeson, George, Glendale, Calif., assignor, by mesne assignments, to Kormann Aero-Safety Appliance, Inc. Magnetic compass. 2,058,004; Oct. 20.
- De Bell, John M., Newark, assignor to Hercules Powder Company, Wilmington, Del. Insulated electrical conductor. 2,060,856; Nov. 17.
- De Bence, Stephen B. (See Wallis, J. S., and de Bence.)
- De Benedetti, Joseph, Oakland, Calif. Collar point stiffener. 2,032,266; Feb. 25.
- Debenedetti, Rodolfo, Turin, Italy, assignor to Chicago Tubing and Braiding Company, Maywood, Ill. Flexible metal tube. 2,039,781; May 5.
- Debenedetti, Rodolfo, Turin, Italy, assignor to Chicago Tubing & Braiding Company, Chicago, Ill. Flexible metal tube. 2,044,900; June 23.
- Debenedetti, Rodolfo, Turin, Italy, assignor to Chicago Tubing & Braiding Company, Chicago, Ill. Manufacture of flexible tubes. 2,045,540; June 23.
- De Bernardi, Albert, Jr., et al. (See Eader, William H., assignor.)
- De Beufre, William L., Lincoln, Nebr. Heat interchange apparatus. 2,034,428; Mar. 17.
- De Bijle, Anne J. M. A. van der Does, The Hague, Netherlands. Boiler. 2,034,452; Mar. 17.
- De Bobula, Titus, assignor to C. Jagemann, New York, N. Y. Projecting bomb. 2,051,331; Aug. 18.
- De Boer, Jan H. (See Reerink, E. H., and de Boer.)
- De Boer, Jan H. (See Van Geel, W. C., and de Boer.)
- De Boer, Jan H., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Mechanical recording. 2,047,860; July 14.
- De Boer, Jan H., and M. C. Teves, Eindhoven, Netherlands, assignors to Radio Corporation of America. Photo-electric device. 2,027,025; Jan. 7.
- De Boer, Jan H., J. Bruynes, and M. C. Teves, Eindhoven, Netherlands, assignors to Radio Corporation of America. Photo-electric tube and making same. 2,029,414; Feb. 4.
- De Boer, Jan H., C. J. Dippel, and R. J. H. Alink, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Obtaining contrasts by means of diazonium compounds. 2,034,508; Mar. 17.
- De Boer, Jan H., and M. C. Teves, Eindhoven, Netherlands, assignors to N. V. Philips' Gloeilampenfabrieken. Phototube. 2,045,637; June 30.
- De Boer, Jan H., and M. C. Teves, Eindhoven, Netherlands, assignors to Radio Corporation of America. Photo-electric apparatus and operating the same. 2,056,392; Oct. 6.
- De Boer, Jan H., and C. J. Dippel, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Light-sensitive material and process. 2,057,016; Oct. 13.
- De Boer, Jan H., W. C. van Geel, and M. C. Tevers, Eindhoven, Netherlands, assignors to Radio Corporation of America. Photoelectric device. 2,060,977; Nov. 17.
- DeBoer, Rudolph F., Grand Rapids, Mich. Sliding ash receiver. 2,043,886; June 9.
- De Boer, Rudolph F., Grand Rapids, Mich. Ash receiver. 2,045,449; June 23.
- De Boer, Rudolph F., Grand Rapids, Mich. Ash receiver. 2,046,107; June 30.
- De Bolt, Robert E., Spokane, Wash. Air cleaner. 2,027,636; Jan. 14.
- Debrie, André L. V. C., Paris, France. Cinematographic film driving device. 2,027,678; Jan. 14.
- Debrie André L. V. C., Paris, France. Cinematographic projector. 2,027,679; Jan. 14.
- Debrie, André L. V. C., Paris, France. Projecting machine for sound cinematographs. 2,027,680; Jan. 14.
- Debrie, André L. V. C., Paris, France. Sound reader for sound film projectors. 2,037,854; Apr. 21.



- Debrie, André L. V. C., Paris, France. Multiple printing machine. 2,039,213; Apr. 28.
- Debrie, André L. V. C., Paris, France. Cinematographic view taking camera. 2,043,155; June 2.
- Debrie, André L. V. C., Paris, France. Multiple printing machine for cinematographic films. 2,058,777; Oct. 27.
- Debrie, André L. V. C., Paris, France. Developing machine. 2,061,552; Nov. 24.
- Debrie, André L. V. C., Paris, France. Light control strip for cinematographic printing machines. 2,065,057; Dec. 22.
- De Bruin, Aart, Eindhoven, Netherlands, assignor to General Electric Company. Illuminating system. 2,056,647; Oct. 6.
- De Bruyn, Gerrit J. (See van Swijndregt, H. H. M., and de Bruyn.)
- Debuch, Carl P., Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Sulphating the non-ferrous metals contained in ferruginous sulphide ores or roasts. 2,026,775; Jan. 7.
- Dëbuch, Carl P., Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Performance of chemical reactions, such as roasting, calcining, or the like. 2,039,062; Apr. 28.
- Dëbuch, Carl P., Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Rotary tube furnace. 2,063,233; Dec. 8.
- Debuch, Carl P. and E. Markworth, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Conducting chemical and metallurgical operations in a rotary furnace. 2,062,869; Dec. 1.
- De Buigné, Gustav F., Vienna, Austria. Wheel for railway vehicles. 2,046,448; July 7.
- De Caigny, Hector. (See Gould, E. A., and De Caigny.)
- Decarie Incinerator Corporation. (See Lewers, George R., assignor.)
- De Cary, August L., Detroit, Mich. Windshield operating mechanism. 2,043,349; June 9.
- De Cary, August L., Detroit, Mich., assignor to Douglas, Lomason Company. Adjustable seat construction. 2,064,592; Dec. 15.
- Decary, Charles A., and A. Bohémier, Montreal, Quebec, Canada. Fecundity calculating device. 2,034,027; Mar. 17.
- Decatur Brick Manufacturing Company. (See Mattes, Edward D., assignor.)
- De Cesare, Dierino, Chicago, Ill. Propeller. 2,041,169; May 19.
- De Cesare, Matteo, Newark, N. J., assignor to S. Kalner and K. Ohlbaum, New York, N. Y. Doll construction. 2,028,757; Jan. 28.
- De Cew, Judson A., Mount Vernon, N. Y. Paper sizing. 2,041,285; May 19.
- De Cissey, Pierre, Vesoul, France. Apparatus for drying wood and the like. 2,040,729; May 12.
- Deckel, Friedrich. (See Berger, Michael, assignor.)
- Deckel, Friedrich. (See Deckel, Hans C., assignor.)
- Deckel, Hans C., Solln, near Munich, assignor to F. Deckel, Munich-Prinz Ludwigshe, Germany. Photographic camera. 2,064,341; Dec. 15.
- Decker, Alonzo G., Baltimore, Md., assignor to The Black & Decker Manufacturing Company. Clutch release for portable electric wrenches. 2,028,441; Jan. 21.
- Decker, Alonzo G., Baltimore County, Md., assignor to The Black & Decker Manufacturing Company. Bench drill stand. 2,038,422; Apr. 21.
- Decker, Francis W. (See McCombs, M. F., and Decker.)
- Decker, George, Cleveland, Ohio. Heater and handle therefor. 2,032,474; Mar. 3.
- Decker, Harry L., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Diaphragm vestibule construction for railway cars. 2,062,560; Dec. 1.
- Decker, Homer A., assignor to The Butler Paper Products Company, Toledo, Ohio. Child's toy train chassis. 2,035,302; Mar. 24.
- Decker, James W. (See Anderson, Frank E., assignor.)
- Decker, James W. (See Holden, Timothy N., assignor.)
- Decker, James W., New York, N. Y. Program indicator. 2,033,926; Mar. 17.
- Decker, James W., New York, N. Y. Pneumatic vibration absorbing device. 2,047,621; July 14.
- Decker, Josef B., Elkton, Md. Pyrotechnic device. 2,034,976; Mar. 24.
- Decker, Lewis M., Baton Rouge, La. Pump. 2,060,003; Nov. 10.
- Decker, Ralph. (See Mowrey, Lester D., assignor.)
- De Conninck, Arthur, Brussels, Belgium. Folding chair and the like. 2,047,178; July 14.
- Decorated Metal Manufacturing Company. (See Atwood, Rawson, assignor.)
- De Coriolis, Ernest G., and J. R. Moser, assignors to Surface Combustion Corporation, Toledo, Ohio. Heat treating furnace. 2,033,331; Mar. 10.
- De Costa, John B., Kansas City, Mo. Rotary drill. 2,037,967; Apr. 21.
- De Coster, Henri, Paris, France. Burner. 2,039,890; May 5.
- Dederick, Clinton H., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Thermostat. 2,054,558; Sept. 15.
- Dedmon, Arthur N., Milan, Tenn. Collapsible crate. 2,026,871; Jan. 7.
- Deegan, Edward J., New York, N. Y. Heater regulator. 2,034,749; Mar. 24.
- Deegan, John G., New York, N. Y. Packing ring construction. 2,058,420; Oct. 27.
- Deeley, Paul McK., assignor to Cornell-Dubilier Corporation, New York, N. Y. Electrolytic condenser. 2,048,922; July 28.
- Deems, Donald A., assignor to E. F. Pohl, St. Louis, Mo. Electric iron and dampener. 2,027,767; Jan. 14.
- Deems, Edward M., Forest Hills, assignor to Railroad Accessories Corporation, New York, N. Y. Conductor. 2,045,126; June 23.
- Deere & Company. (See Borst, Walter J., assignor.)
- Deere & Company. (See Brown, Theophilus, assignor.)
- Deere & Company. (See Court, Frank T., assignor.)
- Deere & Company. (See Ferreyro, B. J., and Pesce, assignors.)
- Deere & Company. (See Johnson, Theodore W., assignor.)
- Deere & Company. (See McKahin, Herbert B., assignor.)
- Deere & Company. (See Neighbour, Leonard B., assignor.)
- Deere & Company. (See Simpson, George G., assignor.)
- Deere & Company. (See Strandlund, Carl G., assignor.)
- Deere & Company. (See Thomann, Frederick A., assignor.)
- Deere & Company. (See Tolmie, Ronald C., assignor.)
- Deere & Company. (See Tuft, Miles H., assignor.)
- Deere & Company. (See Wangelin, Donald A., assignor.)
- Deere & Company. (See White, Charles H., assignor.)
- Deere, John, Tractor Company. (See Brown, Theophilus, assignor.)
- Deere, John, Tractor Company. (See McCormick, Elmer, assignor.)
- Dees, William H., et al. (See Way, George C., assignor.)
- De Faveri, Serafino, assignor to Monocap Limited, London, England. Closure for bottles and like containers. 2,036,990; Apr. 7.
- De Fee, Joseph H. (See Smith, B. F., and De Fee.)
- Defender Photo Supply Company. (See Odell, Isaac N., assignor.)
- De Ferranti, Gertrude R. Z., executrix. (See de Ferranti, Sebastian Z.)
- De Ferranti, Sebastian Z., deceased, Hollinwood, by G. R. Z. de Ferranti, executrix, Upper Basildon, Pangbourne, England, assignor to Ferranti Inc., New York, N. Y. Spinning, doubling, and twisting machinery. 2,035,690; Mar. 31.
- De Ferranti, Sebastian Z., deceased, Hollinwood, by G. R. Z. de Ferranti, executrix, Upper Basildon, Pangbourne, England, assignor to Ferranti Inc., New York, N. Y. Spinning, doubling, and twisting machinery. 2,035,691; Mar. 31.
- Defiance Manufacturing Corporation. (See Phinney, Edgar E., assignor.)
- De Florez, Luis. (See Gray, James W., assignor.)
- De Florez, Luis, New York, N. Y. Aural flying. 2,051,827; Aug. 25.
- DeFlorez, Luis, Pomfret, Conn. Pyrometric device. 2,054,120; Sept. 15.
- De Florez, Luis, Pomfret, Conn., assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbon oils. 2,027,334; Jan. 7.
- De Florez, Luis, Pomfret, Conn., assignor to The Texas Company, New York, N. Y. Method of and apparatus for heating fluids. 2,043,095; June 2.
- De Fontaine, Theodor, deceased, Hanover, T. A. F. de Fontaine, sole heir, assignor to firm Wehrle-Werk Aktiengesellschaft, Emmendingen, Baden, Germany. Device for charging gas generators and the like. 2,032,564; Mar. 3.
- De Fontaine, Theodor A. F., sole heir. (See de Fontaine, Theodor.)
- De Forest, Lee, Hollywood, Calif., assignor to American Television Laboratories, Inc. Television receiving method and apparatus. 2,026,872; Jan. 7.
- De Forest, Lee, Hollywood, Calif., assignor to American Television Laboratories, Inc. Television sign. 2,049,763; Aug. 4.
- De Forest, Lee, Hollywood, Calif., assignor to American Television Laboratories, Inc. Television apparatus. 2,052,133; Aug. 25.
- De Forest, Lee, Los Angeles, Calif., assignor to American Television Laboratories, Inc. Apparatus for receiving and projecting televised images in synchronism with sound. 2,045,570; June 30.
- De Forest, Lee, Hollywood, Calif., assignor to General Talking Pictures Corporation, New York, N. Y. Apparatus for reproducing sound-on-film. 2,064,593; Dec. 15.
- De Fries, Henry A., Cleveland, Ohio, assignor, by mesne assignments, to The Nitralloy Corporation. Making a metal article of precise dimensions and the article produced thereby. 2,033,927; Mar. 17.
- Degallier, Edmond. (See Bugnion, A., and Degallier.)
- De Ganahl, Carl, Greenlawn, assignor to Fleetwings, Inc., Long Island, N. Y. Spot welding members onto metallic tubes. 2,057,017; Oct. 13.
- Degea Aktiengesellschaft (Auergesellschaft). (See Frey, Kurt, assignor.)
- Degen, Alexander A. C. (See Black, H. D., and Degen.)
- Degen, Alexander A. C., Harrow, assignor to Bell Punch Company Limited, London, England. Keyboard. 2,032,168; Feb. 25.
- Deglan, Fred. (See Johnson, Jonas F., assignor.)
- De Giers, Clarence A., Forest Hills, N. Y. Remote indicating thermometer. 2,050,965; Aug. 11.
- De Giorgi, Frank, et al. (See Straka, Anton, assignor.)
- Deglarse, Julien R. L., Wattrelos, France. Wagon for transportation by rail and by road. 2,032,267; Feb. 25.



- De Golyer, Anthony G., New York, N. Y., assignor to Vulcan Alloy Corporation. Weld rod. 2,050,043; Aug. 4.
- De Graaf, Martin, Grand Rapids, Mich. Spray head. 2,041,399; May 19.
- De Graff, "Jan". (See Schatz, Norman G., assignor.)
- De Groot, Willem. (See Bol, C., de Groot, and Druyvesteyn.)
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Increasing the productivity of wells. 2,038,720; Apr. 28.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Increasing the productivity of wells. 2,045,759; June 30.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,050,924; Aug. 11.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,050,925; Aug. 11.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,050,927; Aug. 11.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,050,928; Aug. 11.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,050,929; Aug. 11.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,050,930; Aug. 11.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Preliminary procedure for conditioning wells. 2,050,931; Aug. 11.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Increasing the productivity of wells. 2,050,932; Aug. 11.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Increasing the productivity of wells. 2,050,933; Aug. 11.
- De Groote, Melvin, St. Louis, assignor to Tritolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,052,281; Aug. 25.
- De Groote, Melvin, St. Louis, assignor to Tritolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,052,282; Aug. 25.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,052,283; Aug. 25.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,052,284; Aug. 25.
- De Groote, Melvin, and W. C. Adams, St. Louis, and B. Keiser, and A. F. Wirtel, Webster Groves, Mo. Breaking petroleum emulsion. 2,050,923; Aug. 11.
- De Groote, Melvin, St. Louis, B. Keiser, Webster Groves, and A. F. Wirtel, Richmond Heights, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,034,941; Mar. 24.
- De Groote, Melvin, St. Louis, and B. Keiser, assignors to Tretolite Company, Webster Groves, Mo. Sulpho-aromatic derivatives of hendecenoic acid and producing same. 2,036,402; Apr. 7.
- De Groote, Melvin, St. Louis, and B. Keiser, and A. F. Wirtel, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,037,885; Apr. 21.
- De Groote, Melvin, St. Louis, and B. Keiser, and A. F. Wirtel, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,037,886; Apr. 21.
- De Groote, Melvin, St. Louis, and B. Keiser, and A. F. Wirtel, Webster Groves, assignors to Tretolite Company, Webster Groves, Mo. Polyketo fatty acid body. 2,039,063; Apr. 28.
- De Groote, Melvin, St. Louis, B. Keiser, Webster Groves, and A. F. Wirtel, Richmond Heights, assignors to Tretolite Company, Webster Groves, Mo. Polyketo fatty acid body. 2,039,064; Apr. 28.
- De Groote, Melvin, St. Louis, and B. Keiser, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,050,926; Aug. 11.
- DeHaas, Ira L., Hillsboro, Ohio. Traffic marker. 2,039,683; May 5.
- De Haes, Jerome, Chicago, assignor of one-half to A. T. Jones, Oak Park, Ill. Combined shut-off and drainage valving means. 2,051,247; Aug. 18.
- De Haven, Hugh, New Canaan, Conn., assignor to De Haven Razor Corporation. Self sharpening razor. 2,032,739; Mar. 3.
- De Haven, Hugh, New Canaan, Conn., assignor to De Haven Razor Corporation. Razor blade sharpening device. 2,043,957; June 9.
- De Haven, Otto E., La Monte, Mo. Furniture roller or coaster. 2,034,509; Mar. 17.
- De Haven, Otto E., La Monte, Mo. Railway coupler control system. 2,056,834; Oct. 6.
- De Haven Razor Corporation. (See De Haven, Hugh, assignor.)
- De Haven Razor Corporation. (See Pilliod, T. J., and Müller, assignors.)
- De Hertelendy, Andor, Budapest, Hungary. Wind direction indicator. 2,045,521; June 23.
- Dehlendorf, Robert O., University City, and J. A. Rodgers, assignors to The Emerson Electric Mfg. Co., St. Louis, Mo. Motor support. 2,057,370; Oct. 13.
- Dehn, George J., Chicago, Ill. Grease trap. 2,057,883; Oct. 20.
- Dehn, William C., and M. H. Rix, Three Rivers, Mich., assignors to Fairbanks, Morse & Company, Chicago, Ill. Internal combustion engine. 2,061,396; Nov. 17.
- Dehn, William M., and J. W. Boals, Seattle, Wash. Infusion apparatus. 2,055,096; Sept. 22.
- Dehuff, Walter F., Glen Rock, Pa., assignor to American Machine & Foundry Company. Beater for mixing machines. 2,037,068; Apr. 14.
- Deibler, Lillian E., Chevy Chase, Md. Motor vehicle service indicator. 2,029,468; Feb. 4.
- Deichmann, Otto A., San Francisco, Calif. Building Structure. 2,043,697; June 9.
- Deimler, Roy E. (See Baddorf, W. A., and Deimler.)
- Deinzer, Louise B., Monroe, Mich. Rolling screen. 2,035,146; Mar. 24.
- Deister, Emil E. and I. F., assignors to Deister Machine Company, Fort Wayne, Ind. Vibrator screen. 2,032,082; Feb. 25.
- Deister, Irwin F. (See Deister, Emil E. and I. F.)
- Deister Machine Company. (See Deister, Emil E., and I. F., assignors.)
- Deitsch, Frank J., administrators et al. (See Goldberger, N. S., Weiss, and Gress.)
- Deitsch, George H., assignor to National Standard Company, Niles, Mich. Lamp shade. 2,049,251; July 28.
- Deitz, Louis S., Jr., Metuchen, N. J., assignor, by mesne assignments, to Nassau Smelting and Refining Company, New York, N. Y. Refining metals. 2,053,656; Sept. 8.
- Deitz, Louis S., Jr., Metuchen, N. J., and G. W. Whitney, Huntington Park, Calif., assignors to Western Electric Company, Incorporated, New York, N. Y. Testing while refining metals. 2,053,655; Sept. 8.
- Deitz, Louis S., Jr., Metuchen, N. J., and B. Mansfield, Tottenville, assignors to Nassau Smelting & Refining Company, New York, N. Y. Manufacture of purified zinc. 2,055,195; Sept. 22.
- Deitz, Louis S., Jr., Metuchen, N. J., and H. H. Weiser, Pleasant Plains, assignor to Nassau Smelting and Refining Company, Incorporated, New York, N. Y. Metallic alloy. 2,062,448; Dec. 1.
- De Jahn, Fredrik W., New York, assignor to F. A. Bower, Bayside, N. Y. System for manufacture of nitric acid. 2,027,578; Jan. 14.
- De Jarnette, Major B., Nebraska City, Nebr. Measuring device. 2,052,452; Aug. 25.
- De Jong, Henry W. (See Groll, H. P. A., and de Jong.)
- De Jongh, Ivan L., Los Angeles, Calif., assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,034,462; Mar. 17.
- De Juhasz, Kalman J., State College, Pa. Engine pressure indicator. 2,040,082; May 12.
- De Kermor, Louis G., Edmonton, Alberta, Canada. Electric steam condenser. 2,041,116; May 19.
- Dekle, Ansel. (See Brady, G. F., and Dekle.)
- De Koning, Jacob, assignor to Gallmeyer & Livingston Company, Grand Rapids, Mich. Mechanism operated by fluid pressure. 2,050,087; Aug. 4.
- Dek Products, Inc. (See Wisner, John A., assignor.)
- Delachaux, Clarence L., assignor to Acieries de Gennevilliers Anciens Etablissements Delachaux, Gennevilliers, France. Heat treating welded steel parts. 2,032,977; Mar. 3.
- De la Cierva, Juan, Madrid, Spain, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft having freely rotative sustaining means. 2,033,571; Mar. 10.
- De la Cierva, Juan, Madrid, Spain, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft having autorotative sustaining means. 2,037,766; Apr. 21.
- Delacre, Henri, Boulogne-sur-Seine, France. Automatic quick firing arm. 2,035,303; Mar. 24.
- De Lado, Stephan, Washington, D. C. Apparatus for straightening hair. 2,062,561; Dec. 1.
- Delage & Cie. (See Gaultier, Maurice, assignor.)
- Delahanty, Edward J. (See Hadley, N. F., and Delahanty.)
- Delahaye, Walter H., Ottawa, Ontario, Canada, assignor to Bendix Brake Company, South Bend, Ind. Brake shoe. 2,048,433; July 21.
- De La Hunt, Ira D., Memphis, Tenn. Separable attachment plug. 2,051,549; Aug. 18.
- De La Mater, Robert G., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Torque reaction device for brakes. 2,061,866; Nov. 24.
- Delamere Company. (See Goodman, Abraham, assignor.)
- Delamere Company. (See Huppert, William, assignor.)
- Delamere, Rudolf D. (See Rosenthal, M., Delamere, and Rutter.)
- Delamere, Rudolf D., assignor to Delamere and Williams Limited, Toronto, Ontario, Canada. Air conditioning apparatus. 2,046,895; July 7.
- Delamere and Williams Limited. (See Delamere, Rudolf D., assignor.)
- De Laney, Wallace W., New Haven, and P. S. Madsen, Bethany, Conn., assignors to The Seamless Rubber Company, Inc., New Haven, Conn. Valve for inflatable balls. 2,065,120; Dec. 22.
- De Laney, Wallace W., New Haven, and P. S. Madsen, Bethany, Conn., assignors to The Seamless Rubber Company, Inc., New Haven, Conn. Valve for inflatable balls. 2,065,121; Dec. 22.
- De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing apparatus. 2,043,035; June 2.



- De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Electric ignition for burners. 2,045,178; June 23.
- De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing apparatus. 2,051,165; Aug. 18.
- De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing apparatus. 2,058,138; Oct. 20.
- De Land, Earl, West Eaton, N. Y. Pulley attachment. 2,026,673; Jan. 7.
- De Land, John D. R., Anaheim, Calif. Orchard protective system. 2,039,522; May 5.
- Delaney, John M. (See Story, E. J., and Delaney.)
- Delaney, Joseph A., Jersey City, N. J. Lock slot seam and lock slot. 2,042,883; June 2.
- Delaney, Myron E., Bloomfield, N. J., assignor to Halowax Corporation, New York, N. Y. Fire resistant electrical conductor. 2,028,716; Jan. 21.
- Delaney, Thomas A. (See Brown, C. S., and Delaney.)
- De Laney, Wallace W., assignor to The Seamless Rubber Company, Inc., New Haven, Conn. Self-lubricating inflating needle. 2,026,933; Jan. 7.
- De Laney, William W., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Impregnated article. 2,061,509; Nov. 17.
- De Lange, Arie C., Denver, Colo. Meat block cleaning machine. 2,038,648; Apr. 28.
- De Lange, Cornelis, Eindhoven, Netherlands, assignor to Radio Corporation of America. Terminal construction. 2,052,700; Sept. 1.
- Delange, Raymond, Versailles, assignor to Fabriques de Produits de Chimie Organique de Laire, Department of Seine, France. Alkali earth metal aurothioglycollates and producing same. 2,049,198; July 28.
- De Lannoy, Charles F., assignor of forty-nine per cent to G. E. Butler, Carmel, Calif. Automobile distress signal. 2,041,325; May 19.
- Delano, James K., New York, N. Y. Crank and gear case cleaning apparatus. 2,041,529; May 19.
- Delano, James K., New York, N. Y. Oil filter. 2,052,540; Aug. 25.
- Delano, Ralph L. (See Ritchie, W. B., and Delano.)
- De Lanty, Loren J., Spring Valley, assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector car. 2,027,814; Jan. 14.
- De Lanty, Loren J., Spring Valley, assignor to Sperry Products, Inc., Brooklyn, N. Y. Detecting flaws in electrical conductors. 2,030,101; Feb. 11.
- Delany, Albanus G., Alabama City, Ala., assignor to Gulf States Steel Company. Catcher. 2,040,169; May 12.
- Delany, Albanus G., Alabama City, Ala., assignor to Gulf States Steel Company. Apparatus for coating welding rods. 2,050,830; Aug. 11.
- Delany, Albanus G., Alabama City, Ala., assignor, by mesne assignments, to The American Rolling Mill Company, Middletown, Ohio. Feed table for rolling mills. 2,056,959; Oct. 13.
- Delany, Albanus G., Gadsden, Ala., assignor, by mesne assignments, to The American Rolling Mill Company, Middletown, Ohio. Automatic mechanical catcher for rolling mills. 2,062,297; Dec. 1.
- De la Roza Corporation. (See de la Roza, Joaquin J., Sr., assignor.)
- De la Roza, Joaquin J., Sr., Great Neck, N. Y., assignor to de la Roza Corporation, Wilmington, Del. Extracting method and apparatus. 2,063,367; Dec. 8.
- De la Roza, Joaquin J., Sr., Great Neck, N. Y., assignor to de la Roza Corporation, Wilmington, Del. Packing gland. 2,063,368; Dec. 8.
- De la Teja, Ignacio, Mexico, D. F., Mexico. Indicator. 2,046,552; July 7.
- De Laval Company, Limited, The. (See Hapgood, Cyrus H., assignor.)
- De Laval Separator Company. (See Beskow, Stig, assignor.)
- De Laval Separator Company, The. (See Erling, Sven J., assignor.)
- De Laval Separator Company, The. (See Field, Eugene T., assignor.)
- De Laval Separator Company, The. (See Flowers, Alan E., assignor.)
- De Laval Separator Company, The. (See Forsberg, Erik A., assignor.)
- De Laval Separator Company, The. (See Hapgood, Cyrus H., assignor.)
- DeLaval Separator Company, The. (See Jansson, Ernst T., assignor.)
- De Laval Separator Company, The. (See Lindgren, Hans O., assignor.)
- De Laval Separator Company, The. (See Miller, Theodore H., assignor.)
- De Laval Separator Company, The. (See Scott, Walter A., assignor.)
- De Laval Separator Company, The. (See Stigen, Alf L., assignor.)
- De Laval Separator Company, The. (See Strezynski, George J., assignor.)
- Delaval-Crow, Thomas C., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing and mounting. 2,042,882; June 2.
- Delaval-Crow, Thomas C., Bristol, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Leakproof seal and the like. 2,054,580; Sept. 15.
- Delaval-Crow, Thomas C., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Bearing and mounting. 2,054,581; Sept. 15.
- Delaval-Crow, Thomas C., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Bearing and seal. 2,054,582; Sept. 15.
- Delaval-Crow, Thomas C., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Disk brake. 2,054,583; Sept. 15.
- Delaval-Crow, Thomas C., Bristol, Conn., assignor to General Motors Corporation. Industrial power unit. 2,058,572; Oct. 27.
- De Laval Steam Turbin Company. (See Kennedy, Frank W., assignor.)
- De Lavaud, Dimitri S., Paris, France. Hydraulic transmission. 2,034,429; Mar. 17.
- De Lavaud, Dimitri S., Paris, France. Brake for vehicles. 2,034,977; Mar. 24.
- De Lawter, Robert M., Anderson, Ind. Automatic safety valve. 2,050,562; Aug. 11.
- Delay, Eugene, Vincennes, France. Brake for automobiles. 2,065,432; Dec. 22.
- Delbon, Ange C., New York, N. Y. Furrier's cutting tool. 2,027,964; Jan. 14.
- Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Plug and socket shield and ground connector. 2,062,256; Nov. 24.
- Delco Appliance Corporation. (See Smith, Jasper A., assignor.)
- Delco Aviation Corporation. (See Loudon, Warren P., assignor.)
- Delco Aviation Corporation. (See Walters, Herbert C., assignor.)
- Delco Products Division of General Motors Corporation. (See Brown, B. A., Kindl, and Kestle, assignors.)
- Delcroix, Pierre, Voiron, assignor to Papeteries Navarre, Lyon, France. Manufacture of cellulose pulp. 2,061,935; Nov. 24.
- De Leeuw, Adolph L., Plainfield, N. J., assignor of one-half to A. F. Nathan, New York, N. Y. Eccentric grinder. 2,054,364; Sept. 15.
- De Leeuw, Adolph L., Plainfield, N. J., assignor to Gleason Works, Rochester, N. Y. Tool for and method of producing gears. 2,063,492; Dec. 8.
- Delépine, Marcel, Paris, and P. Gailliot, Parc St. Maur, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Alkali-metal salts of antimonio-thiomalic acid. 2,060,181; Nov. 10.
- Delfox, James G., Flushing, assignor to The Rail Joint Company, New York, N. Y. Tie plate and clip combination. 2,043,320; June 9.
- Delfs, Detlef, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azodyestuffs and their production. 2,030,355; Feb. 11.
- Delfs, Detlef, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azodyestuffs and their production. 2,053,394; Sept. 8.
- Delfs, Detlef, R. Knoche, E. Messmer, Leverkusen-I. G.-Werk, and H. Clingenstein, Cologne-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuffs containing copper in a complex form. 2,051,133; Aug. 18.
- Deli, Frank C., assignor to Autopoint Company, Chicago, Ill. Pencil. 2,028,380; Jan. 21.
- Deli, Frank C., assignor to Autopoint Company, Chicago, Ill. Pencil and producing same. 2,033,687; Mar. 10.
- Deli, Frank C., assignor to Autopoint Company, Chicago, Ill. Writing implement. 2,037,408; Apr. 14.
- Deli, Frank C., assignor to Autopoint Company, Chicago, Ill. Pencil plunger. 2,044,972; June 23.
- Deli, Frank C., assignor to Autopoint Company, Chicago, Ill. Pencil plunger. 2,057,626; Oct. 13.
- De Lima, Oscar A., Stamford, Conn. Automobile headlight. 2,065,059; Dec. 22.
- De Lisle, Francis A. (See Faber, H. B., and De Lisle.)
- De Liso, Vincent, Astoria, N. Y. Turn shoe. 2,065,058; Dec. 22.
- Delk, Cecil E., Amarillo, Tex. Artificial fishing lure. 2,066,254; Dec. 29.
- Della Libera y Silicani, Juan B., Habana, Cuba. Automatic bottle stopper. 2,031,821; Feb. 25.
- Dellaree, Frank H., Detroit, Mich. Pick-up and feeding device. 2,060,182; Nov. 10.
- Dellert, Louis, Brooklyn, N. Y. Nestable chair. 2,055,340; Sept. 22.
- Delling, Erik H., Boston, Mass., and W. Lamken, Buffalo, N. Y., assignors to Steam Motors, Inc., Boston, Mass. Apparatus for distributing lubricant to steam engines. 2,047,672; July 14.
- Dellinger, Martin C. (See Kulp, H. W., and Dellinger.)
- Dellmann, Hans, Mainz, assignor to Maschinenfabrik Augsburg-Nuernberg A. G., Nuremberg, Germany. Demulsifying the sealing oils of waterless gas holders. 2,027,965; Jan. 14.
- Del-Mac Shoe Process Corporation, The. (See Maccarone, Fred, assignor.)
- Del-Mac Shoe Process Corporation, The. (See Maccarone, F., and Sutcliffe, assignors.)
- Del Mar, Harry, New York, N. Y. Hot water storage tank. 2,054,791; Sept. 22.



- Del Mar, William A., Greenwich, Conn., assignor to Habirshaw Cable & Wire Corporation, New York, N. Y. High tension electric cable. 2,038,894; Apr. 28.
- Delmas, Benjamin. (See Ramos, Joseph A., assignor.)
- De Long, Carl I. (See Wenholtz, W. W., and De Long.)
- De Long, Frederic T., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam structure. 2,049,425; Aug. 4.
- De Long, Frederic T., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake structure. 2,049,426; Aug. 4.
- De Long, Frederic T., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam structure. 2,049,536; Aug. 4.
- De Long Gum Co. (See Peterson, Conrad E., assignor.)
- DeLong Hook and Eye Company, The. (See Jurgensen, August P., assignor.)
- DeLong Hook and Eye Company, The. (See O'Brien, James A., assignor.)
- De Long Hook and Eye Company, The. (See Swayne, Frank J., assignor.)
- De Long, Hook and Eye Company, The. (See Upham, Gilbert R., assignor.)
- De Long, Nelson, assignor to A. Dean, trustee, Chicago, Ill. Gear. 2,048,688; July 28.
- Deloraine, Edmund M. (See Chereau, L. N., Beloraine, Guilbaud, Smets, and Van Mierlo.)
- De los Santos, Emil, Brooklyn, N. Y. Electric hair waving apparatus. 2,060,929; Nov. 17.
- Delot, Maurice H. V. (See Blanchard, P. L. C., Delot, and Figal.)
- Delphos Bending Company, The. (See Sweet, Clifford I., assignor.)
- Del Re, Gennaro, Brooklyn, assignor to Novelty Slipper Co. Inc., New York, N. Y. Making turned footwear. 2,064,417; Dec. 15.
- Delta Drilling Company et al. (See Kliever, Edward A., assignor.)
- Delta Electric Company. (See Wiley, Lee M., assignor.)
- Delta Manufacturing Company, The. (See Tautz, Herbert E., assignor.)
- Delta-Star Electric Company, The. (See Alsaker, A., and Cole, assignors.)
- Delta-Star Electric Company, The. (See Alsaker, A., and Stene, assignors.)
- Delta-Star Electric Company, The. (See Cole, Fred H., assignor.)
- Delta-Star Electric Company, The. (See Cole, F. H., and Skau, assignors.)
- Delta-Star Electric Company. (See Cornell, E. S., (assignor), Freitag, and Sporn.)
- Delta-Star Electric Company, The. (See Cornell, E. S., Koerner, and Stoos, assignors.)
- Delta-Star Electric Company. (See Rah, Joseph C., assignor.)
- "Delta" Technische Verkehrs-Aktiengesellschaft. (See Bertel, Rudolf, assignor.)
- Deltor Rug Company. (See Schmiedel, William F., assignor.)
- De Luca, Joseph, assignor to Sentry Safety Control Corporation, Philadelphia, Pa. Safety device for motion picture projectors. 2,061,793; Nov. 24.
- De Luiz, Edward R., Chicago, Ill., assignor, by mesne assignments, to Apex Electrical Manufacturing Company, Cleveland, Ohio. Seal. 2,027,815; Jan. 14.
- De Luxe Laboratories, Inc. (See Freedman, A. E., and Zimmermann, assignors.)
- Del Valle, Carlos, Mexico, D. F., Mexico. Combustible charge forming attachment for internal combustion engines. 2,052,608; Sept. 1.
- Delwiche, Jean, New York, N. Y. Game apparatus. 2,062,166; Nov. 24.
- Dely, Josef G., Queens Village, N. Y., assignor, by mesne assignments, to Chemical Construction Corporation. Regeneration of copper ammonia solutions used to absorb carbon oxides and oxygen. 2,047,550; July 14.
- Delyra, Emmanuel L., et al. (See Post, Charles E., assignor.)
- Demag Aktiengesellschaft. (See Niemann, Gustav, assignor.)
- Demag Aktiengesellschaft. (See Siebert, Heinrich, assignor.)
- Demag Aktiengesellschaft. (See Wilsing, Paul, assignor.)
- Demann, Clemens B., assignor to General Motors Corporation, Dayton, Ohio. Heat exchanger for refrigerating systems. 2,056,920; Oct. 6.
- De Marco, Andrew, Des Moines, Iowa. Fruit jar holder. 2,039,891; May 5.
- Demarest, Charles S., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Selective signaling system. 2,038,649; Apr. 28.
- Demarest, Charles S., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Signaling system. 2,047,312; July 14.
- Demarest, Charles S., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Signaling system. 2,056,346; Oct. 6.
- Demarest, Charles S., Ridgewood, and J. P. Radcliff, Bloomfield, N. J., assignors to American Telephone and Telegraph Company. Signaling system. 2,056,347; Oct. 6.
- De Mark, Nicholas, Pasadena, Calif. Bathroom accessory. 2,039,065; Apr. 28.
- De Markus, Louis, assignor to McKenna Brass & Manufacturing Company, Inc., Pittsburgh, Pa. Pump for filling machines. 2,043,578; June 9.
- De Markus, Louis, and F. A. Fouser, Pittsburgh, assignors to McKenna Brass & Manufacturing Company, Pittsburgh, Pa. Container handling apparatus. 2,036,796; Apr. 7.
- De Martis, Horace, and S. J. Clark, assignors to The Young Accumulator Company (1929) Limited, New Malden, England. Secondary battery. 2,047,179; July 14.
- De Mask, Martin J., Pittsfield, Mass. Switch mechanism for multiple outlet conduits. 2,054,193; Sept. 15.
- De Matteis, Alfreda, New York, assignor to Republic Metalware Company, Buffalo, N. Y. Toasting apparatus. 2,038,028; Apr. 21.
- De Maublanc, Gladys, Paris, France, assignor to Elizabeth Arden, Inc., New York, N. Y. Atomizer. 2,034,089; Mar. 17.
- Demco Library Supplies, Inc. (See Jones, Wilbur L., assignor.)
- Dement, John L., San Antonio, Tex. Furniture truck. 2,043,887; June 9.
- De Merce, Philip E., Los Angeles, Calif. Container construction. 2,059,318; Nov. 3.
- De Mers, Clayton D., assignor to Taylor Instrument Companies, Rochester, N. Y. Pulp grinder temperature control system. 2,050,749; Aug. 11.
- De Mers, Clayton D., assignor to Taylor Instrument Companies, Rochester, N. Y. Apparatus for controlling the processing of pulp stocks. 2,051,202; Aug. 18.
- Demery, Hymerick P., Yakima, and E. Kirkland, Ellensburg, Wash. Attachment for stoves. 2,029,095; Jan. 28.
- De Mey, René, Brussels, Belgium. Guiding vane for fans or the like. 2,029,813; Feb. 4.
- De Michelis, Peter, San Francisco, Calif. Propulsion unit. 2,064,195; Dec. 15.
- Demill, William E., Galt, Canada. Mechanical stoker. 2,049,833; Aug. 4.
- De Millar, Floyd O., Granville, Ohio, assignor to The Galion Iron Works and Manufacturing Company. Controlling apparatus for fluid-pressure motors. 2,057,086; Oct. 13.
- De Millar, Floyd O., Granville, Ohio, assignor to The Galion Iron Works and Manufacturing Company. Fluid pressure controlling apparatus. 2,057,087; Oct. 13.
- De Millar, Floyd O., Granville, Ohio, assignor to The Galion Iron Works and Manufacturing Company. Fluid pressure controlling valve. 2,057,088; Oct. 13.
- De Millar, Floyd O., Granville, Ohio, assignor to The Galion Iron Works and Manufacturing Company. Hydraulic road grader. 2,057,089; Oct. 13.
- Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Acetylene manifold. 2,034,750; Mar. 24.
- Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Pressure regulator. 2,049,382; July 28.
- Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Welding structural members. 2,053,216; Sept. 1.
- Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Gas pressure regulating and signaling means. 2,054,850; Sept. 22.
- Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Pressure regulator. 2,061,794; Nov. 24.
- Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Pressure regulator. 2,061,795; Nov. 24.
- De Misa, Michael, Brooklyn, N. Y. Revolving blower and sign card. 2,065,270; Dec. 22.
- Demmer, Frank E., Keeline, Wyo. Rim tool. 2,050,167; Aug. 4.
- Democratis, Achille, assignor to Acoustograph Limited, London, England. Tracking device for gramophone sound recording attachments. 2,061,224; Nov. 17.
- De Mooy, John, Shaker Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Exhaust deflector. 2,027,579; Jan. 14.
- De Moss, Leonard, Des Moines, Iowa, assignor to Industrial Patents Corporation, Chicago, Ill. Bacon-straightening device. 2,060,559; Nov. 10.
- De Motte, Maurice P., Indianapolis, Ind., assignor to The Linde Air Products Company, New York, N. Y. Method and apparatus for dispensing gas material. 2,033,094; Mar. 3.
- De Motte, Maurice P., Indianapolis, Ind., assignor, by mesne assignments, to Union Carbide & Carbon Corporation. Feed valve. 2,057,768; Oct. 20.
- De Motte, Maurice P., Indianapolis, Ind., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Motor. 2,061,898; Nov. 24.
- Dempsey, Henry C., and E. P. Stimmel, assignors to Union Iron Works, Decatur, Ill. Shaking mechanism. 2,065,798; Dec. 29.
- Dempsey, Michael J., Waterbury, Conn., assignor to Copper Houses, Inc., New York, N. Y. Building construction. 2,066,255; Dec. 29.
- Dempsey, Russell A., Chicago, Ill., and W. Halkenhauser, Unionport, N. Y., assignors to Wayne Company, Fort Wayne, Ind. Control. 2,048,924; July 28.



- Dempster, John T. H., Shenectady, N. Y., assignor to General Electric Company. Combustion engine piston and the like. 2,057,560; Oct. 13.
- Dempster Mill Manufacturing Company. (See Elliott, William, assignor.)
- De Mulatier, Jean, Sainte-Foy-les-Lyon, France. Drawing of wires. 2,028,652; Jan. 21.
- De Murguiondo, Jose H., assignor to A. de M. Riggs, Cooksville, Md. Vehicle direction indicator. 2,052,105; Aug. 25.
- Demuth, George, Green Bay, Wis. Link type hinge. 2,031,526; Feb. 18.
- De Muynck, Alphonse, Alost, Belgium. Automatically variable speed transmission. 2,061,867; Nov. 24.
- Demyttenaere, Marcel E., and J. E. Peys, West Springfield, Mass. Lamp wrench. 2,032,689; Mar. 3.
- De Nagy, Bela, assignor of thirty eight and one-fourth per cent to N. M. Molnar, New York, and twenty two and one-half per cent to N. Bruckner, Astoria, N. Y. Polishing machine. 2,045,980; June 30.
- Denaro, James, Cambridge, Mass. Edible container. 2,046,729; July 7.
- De Nault, Philip A. (See Stuck, H. D., and De Nault.)
- Denby, Edwin H., New York, N. Y. Type casting mold and the characters cast thereby. 2,060,662; Nov. 10.
- Denebeim, Morton W., St. Louis, assignor to Waxide Paper Company, Kansas City, Mo. Dispensing carton. 2,031,033; Feb. 18.
- De Neergaard, Leif E., assignor to T. J. Moroney, Dallas, Tex. Radio signal system. 2,063,890; Dec. 15.
- Denhard, Harry W., Oakland, assignor to Oliver United Filters Incorporated, San Francisco, Calif. Filter leaf. 2,061,351; Nov. 17.
- De Nicola, John, Paterson, N. J. Thermostatic valve. 2,060,857; Nov. 17.
- Denison, Byron T. (See O'Shea, Francis B., assignor.)
- Denison, Cedric D., New Haven, Conn. Spinal fracture-reducing table. 2,035,869; Mar. 31.
- Denit, Leo A., Salem, Va. Combined cigarette case and lighter. 2,043,888; June 9.
- Denk, Emil S., Villa Park, Ill., assignor to Porcelain Tile Corporation. Tile mounting. 2,049,427; Aug. 4.
- Denk, Emil S., Villa Park, Ill., assignor to Porcelain Tile Corporation. Tile mounting. 2,049,428; Aug. 4.
- Denk, Emil S., Villa Park, Ill., assignor to Porcelain Tile Corporation. Tile mounting. 2,049,429; Aug. 4.
- Dennebaum, John P., Scranton, Pa. Guard device. 2,030,782; Feb. 11.
- Dennebaum, John P., Scranton, Pa. Guard device. 2,030,783; Feb. 11.
- Dennehy, Cornelius J., assignor to The American-National Company, Toledo, Ohio. Steering wheel assembly for juvenile vehicles. 2,033,818; Mar. 10.
- Denney, John M., Depew, Okla. Smoker liner means. 2,046,773; July 7.
- Denney, Marshall E., assignor, by direct and mesne assignments, of one-half to W. A. Dyer, and one-half to T. E. Anderson, all of Tampa, Fla. Swing. 2,059,777; Nov. 3.
- Denning, Paul S., Joliet, Ill., assignor to F. E. Schundler & Co., Inc. Making expanded vermiculite. 2,029,524; Feb. 4.
- Denning, Paul S., Joliet, Ill., assignor to F. E. Schundler & Co., Inc. Separating foreign matter from vermiculite. 2,058,959; Oct. 27.
- Dennis, Alfred E. and I. L., Oskaloosa, Kans. Combined tap and surfacing implement. 2,053,253; Sept. 8.
- Dennis, Calvin L., Glen Ridge, N. J. Testing machine. 2,032,202; Feb. 25.
- Dennis, Charles H., Jackson, Mich., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Rake. 2,055,521; Sept. 29.
- Dennis, Edwin L., Reserve, La. Fluid pressure control apparatus. 2,028,049; Jan. 14.
- Dennis, Irvin L. (See Dennis, Alfred E. and I. L.)
- Dennis, John R., Providence, R. I., assignor to International Braid Company. Braider carrier. 2,043,285; June 9.
- Dennis, John R., Providence, R. I., assignor to International Braid Company. Wick for fuel burners. 2,053,898; Sept. 8.
- Dennis, Oliver C., Wilmette, Ill. Picture display device. 2,029,415; Feb. 4.
- Dennis, Oliver C., Wilmette, Ill. Electric frying pan. 2,035,147; Mar. 24.
- Dennis, Wesley E., Ithaca, N. Y. Window. 2,042,771; June 2.
- Dennison, Edward S., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Scavenging of two-cycle engines. 2,051,469; Aug. 18.
- Dennison, Edward S., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Combustion chamber. 2,055,814; Sept. 29.
- Dennison Manufacturing Company. (See Asnes, Benjamin, assignor.)
- Dennison Manufacturing Company. (See Flood, Carl A., assignor.)
- Dennison Manufacturing Company. (See Howell, Richard W., assignor.)
- Dennison Manufacturing Company. (See Kallander, E. L., and Alden, assignors.)
- Denniston, Adolph L., Chicago, Ill., assignor, by mesne assignments, to Stromberg Electric Company. Corrective device for secondary clocks. 2,037,887; Apr. 21.
- Denny, Joseph F., Jr. (See Pinkenburg, Heinrich F., assignor.)
- Denny, William, & Brothers Limited. (See Guthrie, William J., assignor.)
- Denocenzo, Antonio, Los Angeles, Calif. Foot treating bowl and footrest. 2,061,142; Nov. 27.
- De Nooij, Jan C., The Hague, and D. J. Gerritsen, Arnhem, Netherlands. Preparing homogeneous solutions of cellulose in acids, and of preparing artificial products therefrom. 2,035,148; Mar. 24.
- Denovan, Robert A., Asbestos, Quebec, Canada. Excavating machine. 2,062,744; Dec. 1.
- Dent, Charles E. (See Linstead, R. P., and Dent.)
- Dent, Harry M., Buffalo, assignor to General Plastics, Inc., North Tonawanda, N. Y. Drying oil composition. 2,064,786; Dec. 15.
- Dent, Harry M., Buffalo, and A. J. Norton, Tonawanda, assignors to General Plastics, Inc., North Tonawanda, N. Y. Coating abrasive particles. 2,059,983; Nov. 3.
- Dent, James M., assignor to Composing Room Engineers, Inc., Cleveland, Ohio. Automatic mold protector for type casting machines. 2,057,420; Oct. 13.
- Dent, Roy F., Oak Park, Ill., assignor to General Electric X-Ray Corporation. Bucky diaphragm. 2,062,562; Dec. 1.
- Dental Plastics Company. (See Stringfield, Raymond B., assignor.)
- Dentists' Supply Company of New York, The. (See Gysi, Alfred, assignor.)
- Denton, Arthur B. (See Jones, E. R., Denton, and Coombs.)
- Denton-Thompson, James. (See White, N., and Denton-Thompson.)
- Denull, Hans, Berlin-Charlottenburg, Germany, assignor to H. Goldbeck, Berlin, Germany. Flexible key. 2,035,798; Mar. 31.
- Denull, Hans, Berlin-Charlottenburg, assignor to H. Goldbeck, Berlin, Germany. Lock with bolt operating mechanism remaining permanently in the case. 2,044,381; June 16.
- Denver Dry Goods Co., The. (See Wilson, Elliott O., assignor.)
- Denver Fire Clay Company, The. (See Lewis, Robert, assignor.)
- Denver Patent Company. (See Logue, Leland H., assignor.)
- De Orlow, Stephen, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Hood latch. 2,054,929; Sept. 22.
- De Panthou, Esther V., and R. Varela, Buenos Aires, Argentina. Bobbin for cinema films and the like. 2,053,815; Sept. 8.
- Depew, Harlan A., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Zinc oxide. 2,036,570; Apr. 7.
- Depouilly, Enrieque P. (See Bogdany, E., and Depouilly.)
- Deppe, Frank. (See Hohnkohl, C. J., and Deppe.)
- Dequer, John H., Los Angeles, Calif. Device for milling and separating ores. 2,026,825; Jan. 7.
- De Quervain, Fritz, Bern, Switzerland. Operating table. 2,037,888; Apr. 21.
- De Rabot, John L., assignor to Alexander Brothers, Inc., Philadelphia, Pa. Belting. 2,037,195; Apr. 14.
- De Rabot, John L., assignor to Alexander Brothers, Inc., Philadelphia, Pa. Making leather beltings. 2,052,285; Aug. 25.
- Derby, Ira H., assignor to P. C. Reilly, Indianapolis, Ind. Impregnating pitch and process and product utilizing it. 2,033,885; Mar. 10.
- Derby, Ira H., and H. R. Horner, assignors to Peter C. Reilly, Indianapolis, Ind. Apparatus for the treatment of carbonaceous material. 2,029,759; Feb. 4.
- Derby, Ira H., and H. R. Horner, assignors to Peter C. Reilly, Indianapolis, Ind. Apparatus for treating carbonaceous material. 2,029,760; Feb. 4.
- Derby, Ira H., and H. R. Horner, assignors to Peter C. Reilly, Indianapolis, Ind. Forming charges. 2,029,761; Feb. 4.
- Derby, Ira H., and H. R. Horner, assignors to Peter C. Reilly, Indianapolis, Ind. Treating carbonaceous material. 2,029,762; Feb. 4.
- Derby, Ira H., and H. R. Horner, Indianapolis, Ind., assignors to Peter C. Reilly, Indianapolis, Ind. Apparatus for treating carbonaceous material. 2,029,763; Feb. 4.
- Derby, John H., Scarsdale, and A. M. Frost, Arverne, N. Y., said Frost assignor to said Derby. Hold-up alarm. 2,054,792; Sept. 22.
- Derum, Hermann, Willoughby, Ohio, and A. P. Dodani, Detroit, Mich. Building construction. 2,065,433; Dec. 22.
- De Reamer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Connector. 2,053,136; Sept. 1.
- De Reamer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Lamp connector. 2,053,986; Sept. 8.
- De Reamer, William J., Crown Point, assignor to Mapes Consolidated Manufacturing Company, Griffith, Ind. Egg carton. 2,061,064; Nov. 17.
- De Reamer, William J., Crown Point, assignor to Mapes Consolidated Manufacturing Company, Griffith, Ind. Egg tray. 2,061,065; Nov. 17.
- De Regnaud de Bellescize, Henri J. J. M., Neuilly-sur-Seine, France. Receiving system for frequency modulated oscillations. 2,040,980; May 19.
- De Remer, Jay G. (See Motycka, Joseph, assignor.)



- De Rewal, Frank J., Camillus, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Catalyst and process for the decomposition of hydrocarbons. 2,030,283; Feb. 11.
- De Ridder, Jacobus, and W. G. Brill, Johannesburg, Transvaal, Union of South Africa. Perforating paper sheets and the like simultaneously with the printing thereof. 2,050,785; Aug. 11.
- Derk, Ray W., Flint, assignor of forty-five one hundredths to W. L. Evans, Saginaw, Mich. Safety brake for automobiles. 2,055,786; Sept. 29.
- Derman, Harry, Laurelton, L. I., N. Y. Cabinet, chest, and the like. 2,027,154; Jan. 7.
- Derman, Harry, Laurelton, Long Island, N. Y. Collapsible hamper. 2,036,794; Apr. 7.
- Derman, Harry, Laurelton, Long Island, N. Y. Display apparatus. 2,036,795; Apr. 7.
- De Rochemont, Henry M., Rockland, Maine. Thermostatic valve. 2,063,592; Dec. 8.
- De Roode, Trimble, New York, N. Y. Cinematography and apparatus for use therein. 2,061,652; Nov. 24.
- De Rosa, Ralph, New York, N. Y. Ornament. 2,026,934; Jan. 7.
- De Rosa, Ralph, New York, N. Y. Ornament. 2,028,593; Jan. 21.
- De Roulet, Henry, Los Angeles, Calif., assignor to 20th Century Advertising, Inc. Outdoor advertising structure. 2,030,505; Feb. 11.
- De Roysancour, Otto G. J. S., Breda, Netherlands. Device for continuous spinning and/or twisting of textile fibers. 2,031,467; Feb. 18.
- Derr, Ralph B. (See Callis, C. C., and Derr.)
- Derr, Ralph B., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Heat insulated food package. 2,031,254; Feb. 18.
- Derr, Ralph B., and C. C. Callis, Oakmont, assignors to Aluminum Company of America, Pittsburgh, Pa. Solder for aluminum. 2,044,671; June 16.
- Derringer, Percy O., assignor to Knapp-Monarch Company, St. Louis, Mo. Electric vibrator. 2,064,418; Dec. 15.
- Derris, Inc. (See Witherspoon, Robert, assignor.)
- Derry, Jasper, Medford, and E. A. Terkelsen, West Roxbury, assignors, by mesne assignments, to Terkelsen Machine Company, Boston, Mass. Power molding press. 2,054,476; Sept. 15.
- Derry, Willis O., Sr., Ypsilanti, Mich. Artificial mouse bait. 2,043,609; June 9.
- Dershem, James, A., Orchard, Ohio. Sash fastener. 2,032,740; Mar. 3.
- Dersom, John J., Columbus, Ohio. Apparatus wherewith gloves are turned. 2,058,065; Oct. 20.
- Dery, Wilfred G. (See Koller, H. H., and Dery.)
- De St. Mart, Jean, Beverly Hills, Calif. Card table. 2,061,143; Nov. 17.
- De Sakhnoffsky, Alexis, Milwaukee, Wis. Radio apparatus. 2,056,002; Sept. 29.
- Deschamps, Desire J., assignor of one-half to P. DeC. Ball, St. Louis, Mo. Internal combustion engine. 2,064,196; Dec. 15.
- Deschere, Harvey, New York, assignor to J. B. Beaty, Rye, N. Y. Illumination. 2,040,836; May 19.
- Deschner, Richard E. (See Douglass, L. B., and Deschner.)
- Deschner, Richard E., Los Angeles, Calif. Sanitary closure for receptacles containing pourable substances. 2,056,170; Oct. 6.
- Deschner, Richard E., Los Angeles, Calif. Sanitary closure for receptacles containing pourable substances. 2,056,171; Oct. 6.
- De Selgas y Marin, Ezequiel. (See Laffon y Soto, Alberto, assignor.)
- De Sherbinin, Eric M., assignor of twenty one-hundredths to H. B. Walker, Toronto, Ontario, Canada, twenty one-hundredths to G. Kroupsky, Buffalo, N. Y., and sixty one-hundredths to said De Sherbinin. Nut threading machine. 2,038,547; Apr. 28.
- De Sibour, Jules H., and G. P. Marshall, Washington, D. C. All weather stadium. 2,052,217; Aug. 25.
- Design Engineers, Incorporated. (See Horwitt, N. G., and Katcher, assignors.)
- Design Engineers, Incorporated. (See Horwitt, N. G., Katcher, and Noell, assignors.)
- De Simó, Martin. (See McAllister, S. H., and de Simó.)
- De Simó, Martin, and S. H. McAllister, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalytic oxidation of ketols. 2,043,950; June 9.
- De Simó, Martin, and C. C. Allen, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of substituted acids from halogenated ketones. 2,051,470; Aug. 18.
- Desiter Concentrator Company, The. (See Weber, Don A., assignor.)
- Desmet, John P., assignor of one-half to E. R. Hawke, Modesto, Calif. Liquid spray device. 2,048,847; July 28.
- Desmond, Herbert J., Waterville, Maine, assignor to Canadian Keyes Fibre Company, Limited. Machine for the production of molded pulp articles. 2,038,721; Apr. 28.
- Desoutter, Charles, London, England. Electric motor. 2,045,218; June 23.
- Desoutter, Charles, London, England. Electric motor. 2,045,219; June 23.
- De Spain, Thomas H., assignor to Southern Textile Machinery Company, Paducah, Ky. Stop mechanism for loopers. 2,041,673; May 19.
- De Spain, Thomas H., assignor to Southern Textile Machinery Company, Paducah, Ky. Needle. 2,041,674; May 19.
- De Spain, Thomas H., assignor to Southern Textile Machinery Company, Paducah, Ky. Looper. 2,050,563; Aug. 11.
- Despard, Victor R., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Attaching means for metal parts and insulating materials. 2,037,122; Apr. 14.
- Des Roches, Donald W., Toronto, Ontario, Canada. Closure for containers. 2,061,796; Nov. 24.
- Dessart, Jean, Brussels, Belgium, assignor to Bendix Products Corporation. Braking means. 2,030,784; Feb. 11.
- Desson, George, Jr., Huntington, N. Y. Closure device. 2,030,054; Feb. 11.
- Dester, William F., Arlington, assignor to Gilby Wire Company, Newark, N. J. Making carbonized nickel and nickel alloys. 2,051,828; Aug. 25.
- De Stoutz, Robert, Zurich, Switzerland. Pump. 2,028,864; Jan. 28.
- De Stoutz, Robert, Zurich, Switzerland. Piston spinning pump. 2,061,144; Nov. 17.
- De Stubner, Emile, Detroit, Mich. Colored soluble cellulose. 2,034,861; Mar. 24.
- De Supinski, Wiacheslaw, Erie, Pa., assignor to General Electric Company. Axle restraint device. 2,037,564; Apr. 14.
- Des Ylouses, Gaston Lefort, Boulogne-sur-Seine, France, assignor to L'Azote Français. Desiccation of gases contained in nitrous fumes. 2,060,183; Nov. 10.
- De Tagle, José L. S., and R. L. Zapiain, Mexico, D. F., Mexico. Self-luminous sign. 2,055,172; Sept. 22.
- De Tar, Donald R., Collingswood, N. J., assignor to Radio Corporation of America. Coupling device. 2,047,360; July 14.
- De Tar, Donald R., Collingswood, N. J., assignor to Radio Corporation of America. Electric switch mechanism. 2,048,848; July 28.
- De Tar, Donald R., Stratford, Conn., assignor to General Electric Company. Dial mechanism. 2,052,701; Sept. 1.
- De Tar, Donald R., Audubon, N. J., assignor to Radio Corporation of America. Tube socket. 2,057,090; Oct. 13.
- Detert, Albert, Ceylon, Minn. Cow stall guard. 2,059,933; Nov. 3.
- Detracolor, Ltd. (See Allison, Donald K., assignor.)
- Detracolor Ltd. (See Dieterich, L. M., and Allison, assignors.)
- De Trempe, Richard, Kenney, Ill. Milk can opener. 2,052,084; Aug. 25.
- Detrick, Stanley R. (See Dahlen, M. A., Detrick, Etzel-miller, and Zwilmeyer.)
- Detroit, City of, Department of Street Railways. (See Kerwin, Philip A., assignor.)
- Detroit, City of, Department of Street Railways. (See Ross, John, assignor.)
- Detroit Edison Company, The. (See Matthews, G. A., and Cook, assignors.)
- Detroit Edison Company, The. (See Noyes, John D., assignor.)
- Detroit Electric Furnace Company. (See Crosby, Edwin L., assignor.)
- Detroit Electric Furnace Company. (See Rhoads, Albert E., assignor.)
- Detroit Gasket & Mfg. Co. (See Balfe, George T., assignor.)
- Detroit Gasket & Mfg. Co. (See Diehl, L. H., and Balfe, assignors.)
- Detroit Gasket and Manufacturing Company, The. (See Tannewitz, Edward F., assignor.)
- Detroit Gray Iron Foundry Company. (See Novotny, Anton, assignor.)
- Detroit Hardware Manufacturing Co. (See Weiner, Leo, assignor.)
- Detroit Hydrostatic Brake Corporation. (See Sauzedde, Claude, assignor.)
- Detroit Hydrostatic Brake Corporation. (See Sauzedde, René E., assignor.)
- Detroit Lubricator Company. (See Dillman, Earnest J., assignor.)
- Detroit Lubricator Company. (See Eggleston, Lewis W., assignor.)
- Detroit Lubricator Company. (See Eggleston, L. W. and Dillman, assignors.)
- Detroit Lubricator Company. (See Jones, Ray E., assignor.)
- Detroit Lubricator Company. (See Norris, Harry B., assignor.)
- Detroit Lubricator Company. (See Rayfield, William C., assignor.)
- Detroit Lubricator Company. (See von Wangenheim, Adolf, assignor.)
- Detroit Lubricator Company. (See Weber, Walter H., assignor.)
- Detroit Lubricator Company. (See Wile, Daniel D., assignor.)
- Detroit Moulding Corporation. (See Shaw, Charles P., assignor.)
- Detroit Stamping Co. (See McKenna, Frank L., assignor.)
- Detroit Steel Casting Company, The. (See Tourville, William J., assignor.)
- Detroit Steel Products Company. (See Kelly, Clyde W., assignor.)



- Detroit Steel Products Company. (See Reynaud, Samuel C., assignor.)
- Detroit Stoker Company. (See Beers, Royce L., assignor.)
- Detroit Trust Company, executor estate of Otis K. Richard, deceased. (See Kain, Clifford H., assignor.)
- De Tryon-Montalembert, René, Villefranche sur Mer, Alpes-Maritimes, France. Feathering propeller. 2,054,876; Sept. 22.
- Dettwyler, William. (See Weiland, H. J., and Dettwyler.)
- Dettwyler, William, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Intermediates and dyestuffs of the anthraquinone acridone series. 2,033,182; Mar. 10.
- Dettwyler, William, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of dyestuffs of the anthraquinone series. 2,042,423; May 26.
- Dettwyler, William, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the flavanthrone series. 2,049,896; Aug. 4.
- Dettwyler, William, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Halogenated anthraquinone compounds. 2,063,420; Dec. 8.
- Deubel, Carl G., Shiremanstown, Pa., assignor to Progressive Service Company, St. Louis, Mo. Die and making the same. 2,049,157; July 28.
- Deubelbeiss, Hans S., Montreal, Quebec, Canada. Bath-tub. 2,031,255; Feb. 18.
- Deubelbeiss, Hans S., Montreal, Quebec, Canada. Bath-tub. 2,055,173; Sept. 22.
- Deuell, Harvey. (See Lent, Leon B., assignor.)
- Deuschle, Gustav. (See Butz, K., Deuschle, and Simon.)
- Deutcher, Ferdinand, Portland, Oreg. Berry picking device. 2,064,523; Dec. 15.
- Deutsch, Arnold, et al. (See Deutsch, E., and Werner, assignors.)
- Deutsch, Emery, Richmond Hill, and E. Werner, New York, assignors of twenty-two and one-half per cent to A. Deutsch, Richmond Hill, twenty-two and one-half per cent to L. Werner and ten per cent to M. Brown, New York, N. Y. Automobile top and operating means therefor. 2,045,344; June 23.
- Deutsch, Hans. (See Friedmann, L., Deutsch, Jomek, Nemetz, and Etlzelt.)
- Deutsch, Leo E., assignor to M. W. Deutsch, Hammond, Ind. Adjustable tumbler lock. 2,060,978; Nov. 17.
- Deutsch, Marshall W. (See Deutsch, Leo E., assignor.)
- Deutsche Celluloid-Fabrik. (See Weihe, Adolf, assignor.)
- Deutsche Edelstahlwerke Aktiengesellschaft. (See Köster, Werner, assignor.)
- Deutsche Edeltahlewerke Aktiengesellschaft. (See Rehmann, August, assignor.)
- Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Bromig, Karl, assignor.)
- Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Guertler, William, assignor.)
- Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Jaeger, Gustav, assignor.)
- Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Mik, Franz, assignor.)
- Deutsche Gold- und Silber-Scheidenstalt vormals Roessler. (See Pohl, Walter, assignor.)
- Deutsche Gold und Silber Scheideanstalt vormals Roessler. (See Schneider, Josef, assignor.)
- Deutsche Gold- und Silber-Scheideanstalt, vormals-Roessler. (See Schultes, Hermann, assignor.)
- Deutsche Gold-und Silberscheideanstalt. (See Witt, Paul, assignor.)
- Deutsche Hydrierwerke Aktiengesellschaft. (See Gellendien, W., and Eggert, assignors.)
- Deutsche Hydrierwerke Aktiengesellschaft. (See Hennig, Karl, assignor.)
- Deutsche Hydrierwerke Aktiengesellschaft. (See Hueter, Richard, assignor.)
- Deutsche Hydrierwerke Aktiengesellschaft. (See Schirm, Erik, assignor.)
- Deutsche Hydrierwerke Aktiengesellschaft. (See Schrauth, Walther.)
- Deutsche Luftfahrt-und Handels-Aktien-Gesellschaft. (See Boykow, Johann M., assignor.)
- Deutsche Perrot Bremse G. m. b. H. (See Haufmann, Egon, assignor.)
- Deutsche Rohrenwerke Aktiengesellschaft. (See Roeckner, M., and Severin, assignors.)
- Deutschmann, Arnold, Boston, Mass. Electrical condenser. 2,065,934; Dec. 29.
- Devau, Lucien, Paris, France, assignor to Western Electric Company, Incorporated, New York, N. Y. Impulse sender. 2,044,470; June 16.
- Development Associates, Inc. (See Strindberg, Richard, assignor.)
- Developments Incorporated. (See Dahlstrom, A., and Nelson, assignors.)
- Devereaux, William C., Detroit, Mich. Door latch mechanism. 2,046,611; July 7.
- Devereaux, William C., Detroit, Mich. Dovetail. 2,046,612; July 7.
- Devereux, James N., Greenville, Miss. Acoustical fiber-board and forming same. 2,033,124; Mar. 10.
- Devereux, Wallace C., Slough, and C. S. Oliver, Coventry, England, assignors, by mesne assignments, to The Dow Chemical Company, Midland, Mich. Treatment of non-ferrous alloy castings. 2,059,984; Nov. 3.
- Devers, Charles, Pittsburgh, Pa. Gasoline dispensing pump. 2,059,210; Nov. 3.
- Devers, Philip K., Lynn, Mass., assignor to General Electric Company. Apparatus for and method of fusing vitreous material. 2,027,155; Jan. 7.
- Devices, Inc. (See Hetherington, Robert, assignor.)
- De Vilbiss, Company, The. (See Brown, Paul B., assignor.)
- De Vilbiss Company, The. (See Daggett, Clyde C., assignor.)
- De Vilbiss Company, The. (See Greene, Charles W., assignor.)
- De Vilbiss Company, The. (See Potter, Russell L., assignor.)
- De Vilbiss Company, The. (See Roselund, Harold A., assignor.)
- De Vilbiss Company, The. (See Tracy, Robert W., assignor.)
- De Vilbiss, Thomas G., Port Isabel, Tex. Screen door hook. 2,034,331; Mar. 17.
- De Ville, Edward J., Dayton, Ohio, assignor, by mesne assignments, to The Creamery Package Mfg. Company. Compressor. 2,063,728; Dec. 8.
- Devine, Harry C., Jr. (See Summerour, M. A., and Devine.)
- Devine, James H., Ste. Genevieve, assignor to Dev-Insular Company, St. Louis, Mo. Lunch box. 2,026,967; Jan. 7.
- Devine, J. P., Manufacturing Co. (See Pratt, Clifton J., assignor.)
- Devine, Thomas C., Bronxville, N. Y. Trimming strip. 2,028,740; Jan. 28.
- Devine, William M. (See Simmons, Gordon H., assignor.)
- DeViney, Albert F., Berwyn, Ill. Welding apparatus. 2,065,662; Dec. 29.
- Dev-Insular Company. (See Devine, James H., assignor.)
- DeVlieg, Charles B. (See Lundberg, N. S., and DeVlieg.)
- De Vlieg, Charles B., Jackson, Mich., assignor to Associated Patents, Inc., Cincinnati, Ohio. Backlash compensator for machine tools. 2,059,091; Oct. 27.
- De Vlieg, Charles B., and N. S. Lundberg, Jackson, Mich., assignors to Associated Patents, Inc., Cincinnati, Ohio. Power transmission mechanism. 2,029,094; Jan. 28.
- Devoe & Reynolds Company. (See Simms, L. W., and Patriquen, assignors.)
- Devol, Lee, Forest Hills, Pa., and A. M. Cravath, Berkeley, Calif., assignors to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of railway train brakes. 2,045,522; June 23.
- De Voney, John, assignor to Pacific Can Co., San Francisco, Calif. Valve for vacuum sealing apparatus. 2,052,872; Sept. 1.
- Devor, William R. (See Haag, I. L., and Devor.)
- De Vore, Raymond E., assignor to Joy Manufacturing Company, Meadville, Pa. Slide fastener. 2,056,172; Oct. 6.
- De Vorss, Elvin C., Denver, Colo. Gauge pin. 2,040,981; May 19.
- De Vout, Anson W., LaGrange, Ill., assignor to Industrial Patents Corporation, Chicago, Ill. Poultry shackle. 2,035,948; Mar. 31.
- De Vowe, Emma. (See Williams, Chester I., assignor.)
- De Vries, Abraham, assignor to Naamlouze Vennootschap Ijzerhandel I. M. de Vries, Amsterdam, Netherlands. Adjustable door handle coupling. 2,059,319; Nov. 3.
- De Vry, Herman A., Chicago, Ill. Film reel. 2,031,635; Feb. 25.
- De Vry, Herman A., Chicago, Ill. Framing device for motion picture projectors. 2,041,236; May 19.
- De Waide, Hal, Portland, Oreg. Clothes hanger. 2,052,085; Aug. 25.
- De Walt, Kenneth C., Schenectady, N. Y., assignor to General Electric Company. Processing graphite. 2,060,663; Nov. 10.
- Dewandre, Albert, Brussels, assignor to Societe Anonyme Du Servo Frein Dewandre, Liege, Belgium. Braking of vehicles. 2,042,392; May 26.
- Dewar Manufacturing Company. (See Feldman, Albert M., assignor.)
- Dewar, Robert J., assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,054,793; Sept. 22.
- Dewas, Raymond, Amiens, France. Pirnless shuttle for weaving looms. 2,053,657; Sept. 8.
- Dewas, Raymond, Amiens, France. Weft-feeder for weaving looms with continuous weft feeding. 2,059,726; Nov. 3.
- De Weert, Henry. (See Jenswold, G. M., and De Weert.)
- De Weese, Walter E., Cleveland, Ohio. Water heater. 2,039,066; Apr. 28.
- De Werff, Edwin C., St. Paul, Minn. Closure lock. 2,035,596; Mar. 31.
- Dewey and Almy Chemical Company. (See Kalber, Wilfrid A., assignor.)
- Dewey and Almy Chemical Company. (See McGowan, William L., assignor.)
- Dewey and Almy Chemical Company. (See Ross, William C., assignor.)
- Dewey and Almy Chemical Company, et al. (See Russell, Frank H., assignor.)
- Dewey and Almy Chemical Company. (See Slagle, Willard J., assignor.)
- Dewey and Almy Chemical Company. (See Tucker, George R., assignor.)
- Dewey and Almy Chemical Company. (See Tucker, G. R., and Kennedy and Renner, assignors.)
- Dewey, Charles K., Auburn, N. Y. Nozzle attachment. 2,047,580; July 14.



- Dewey, Clarence L., Elkhart, Ind. Wind instrument. 2,033,183; Mar. 10.
- Dewey, Haywood G. (See Jones, J. G., and Dewey.)
- Dewey, James M., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. 2,043,467; June 9.
- Dewey, James M., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Control for pressing machines. 2,043,468; June 9.
- Dewey, James M., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Control for pressing machines. 2,043,469; June 9.
- Dewey, James M., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Motor for pressing machines and the like. 2,055,815; Sept. 29.
- Dewey, John J. (See Douglas, G. W., and Dewey.)
- Dewey, Josiah A., Oakland, Calif., assignor of one-half to A. H. Upton, and one-half to I. M. Upton, Stinson Beach, Calif. Folding bed. 2,029,705; Feb. 4.
- Dewhurst, William, assignor to Haskell-Dawes Machine Company, Inc., Philadelphia, Pa. Automatic friction regulator for tubing twistors. 2,065,060; Dec. 22.
- Dewhurst, Wallace W., Haddon Heights, N. J., and F. Esuchen, Philadelphia, Pa., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Binding post. 2,037,620; Apr. 14.
- De Witt, H. Norton. (See Richardson, C. L., and Holden, assignors.)
- De Witt, Walter M., Sommerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Packing. 2,059,168; Oct. 27.
- De Witt, William J., Auburn, assignor to Shoe Form Co., Inc., Auburn, N. Y. Fish lure. 2,028,050; Jan. 14.
- De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Method and apparatus for making hosiery forms. 2,029,706; Feb. 4.
- De Witt, William J., and E. F. Beers, Auburn, assignors to Dun Deer Sandals, Inc., Auburn, N. Y. Apparatus for making shoe soles. 2,041,530; May 19.
- DeWitt, William J., and E. F. Beers, assignors to Dun Deer Sandals, Inc., Auburn, N. Y. Apparatus for making shoe soles. 2,041,531; May 19.
- DeWitt, William J., and E. F. Beers, assignors to Dun Deer Sandals, Inc., Auburn, N. Y. Apparatus for making shoe soles. 2,041,532; May 19.
- DeWitt, William J., and E. F. Beers, assignors to Dun Deer Sandals, Inc., Auburn, N. Y. Apparatus for making shoe soles. 2,041,533; May 19.
- De Witt, William J., and I. Goodfellow, assignors to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 2,047,673; July 14.
- De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 2,059,727; Nov. 3.
- De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Fish lure. 2,064,419; Dec. 15.
- De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 2,066,098; Dec. 29.
- De Witt, William P., Auburndale, Mass. Saliva ejector. 2,028,381; Jan. 21.
- De Wolfe, Mark C., Oakland, Calif. Flexible telescoping guide. 2,046,323; July 7.
- De Wolfe, Mark C., Oakland, Calif. High line with direct control. 2,049,641; Aug. 4.
- Dexdale Hosiery Mills. (See Berger, Emil J., assignor.)
- Dexter, C. H., & Sons, Incorporated. (See Osborne, Fay H., assignor.)
- Dexter Folder Company. (See Dawson, Joseph C., assignor.)
- Dexter Folder Company. (See Hitchcock, Reuben, assignor.)
- Dexter Folder Company. (See Ohlsen, R., and Knutkowski, assignors.)
- Dexter, Wilbur B. (See Chaney, N. K., and Dexter.)
- De Ybarrodo, Vincent C., assignor to Patco, Inc., Los Angeles, Calif. Block system developing machine. 2,048,182; July 21.
- Dezotell, Bernard W., West Roxbury, assignor to United Electric Controls Company, Boston, Mass. Thermostat. 2,033,410; Mar. 10.
- Dezotell, Bernard W., West Roxbury, assignor to United Electric Controls Company, Boston, Mass. Pressure controlled switch. 2,033,417; Mar. 10.
- Dezotell, Bernard W., West Roxbury, assignor to United Electric Controls Company, Boston, Mass. Water level controller. 2,043,530; June 9.
- Diack, Archibald W., Ann Arbor, Mich. Colostomy bag. 2,054,535; Sept. 15.
- Diamantschleiferei Vögeli & Wirz A.-G. (See Voegeli-Jaggi, Philippe, assignor.)
- Diamond Alkali Company. (See Elledge, H. G., and Hirsch, assignors.)
- Diamond Chain and Manufacturing Company. (See Kottlowski, C. P., and Dreyer, assignors.)
- Diamond Decorative Leaf Co. (See Kurz, Konrad, assignor.)
- Diamond Expansion Bolt Company. (See Pleister, Henry W., assignor.)
- Diamond, James K., assignor to Clipper Belt Lacer Company, Grand Rapids, Mich. Applying belt fasteners and the like. 2,048,108; July 21.
- Diamond Match Company, The. (See Donnelly, Joseph C., assignor.)
- Diamond Match Company, The. (See Nolan, John R., assignor.)
- Diamond Match Company, The. (See Roberts, William, assignor.)
- Diamond Power Specialty Corporation. (See Brelsford, Harry E., assignor.)
- Diamond Power Specialty Corporation. (See Brelsford, H. E., Howse, and Bowers, assignors.)
- Diamond Power Specialty Corporation. (See Jones, Edwin W., assignor.)
- Diamond Power Specialty Corporation. (See Pfeiderer, Ernst, assignor.)
- Diamond Power Specialty Corporation. (See Thomas, Willis P., assignor.)
- Diamond Power Specialty Corporation. (See Turner, Charles S., assignor.)
- Diamond Power Specialty Corporation. (See Weis, Henry T., assignor.)
- Di Archangel, Nicholas. (See Mancini, J., and Di Archangel.)
- Dibb, Joseph W., Milwaukee, Wis. Collection box. 2,030,356; Feb. 11.
- Dibble, Claude M., assignor to Moore Brothers Company, Joliet, Ill. Cooking stove. 2,029,257; Jan. 28.
- Dibble, Harry H. (See Floyd, J. M., Long, Nash, and Dibble.)
- Di Biase, Frank J., Brooklyn, N. Y. Coat construction. 2,030,431; Feb. 11.
- Dibley, Raymond H., assignor of one-half to N. Hoffman, New York, N. Y. Ignition system for combustion engines. 2,044,155; June 16.
- Dibner, Abraham B., Peekskill, N. Y., now by judicial change of name Bern Dibner. Cable terminal. 2,049,409; July 28.
- Dibner, Bern (by judicial change of name). (See Dibner, Abraham B.)
- Dichter, Jakob, Berlin-Schonberg, Germany. Forming machine. 2,050,088; Aug. 4.
- Dichter, Jakob, Berlin-Schoneberg, Germany. Molding an article and apparatus therefor. 2,065,305; Dec. 22.
- Dick, A. B., Company. (See Bjerg, Niels H., assignor.)
- Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Fitting for fluid pressure systems. 2,054,652; Sept. 15.
- Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Bleeding means for fluid pressure mechanism. 2,054,653; Sept. 15.
- Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure mechanism. 2,059,444; Nov. 3.
- Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Packing cup. 2,059,728; Nov. 3.
- Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Sealing cup expander. 2,059,729; Nov. 3.
- Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Fitting for hydraulic brake systems. 2,062,449; Dec. 1.
- Dick, Este L., Great Falls, Mont. Weed exterminator. 2,051,684; Aug. 18.
- Dick, Herman J., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,063,988; Dec. 15.
- Dick, LeRoy I., Cleveland, assignor to The Cleveland Chain & Manufacturing Company Garfield Heights, Ohio. Antiskid device. 2,059,211; Nov. 3.
- Dicke, Allen A., Upper Montclair, N. J., assignor to Remington Arms Company, Inc. Repeating firearm. 2,035,539; Mar. 31.
- Dicke, Allen A., Montclair, N. J., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 2,048,060; July 21.
- Dicke, Allen A., Montclair, N. J., assignor to The National Cash Register Company. Cash register. 2,055,522; Sept. 29.
- Dicke, Oscar H., Rochester, N. Y., assignor to Pioneer Heat Regulator Corporation. Heat regulator. 2,037,767; Apr. 21.
- Dicke, Oscar H., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,045,900; June 30.
- Dicke, Oscar H., assignor to General Railway Signal Company, Rochester, N. Y. Light signal system for railroads. 2,065,663; Dec. 29.
- Dickens, Charles, Oakland, Calif. Concentrating the vitamin content of milk and products. 2,052,218; Aug. 25.
- Dickens, Charles, Oakland, Calif. Vitamin concentrate from asparagus and making same. 2,052,219; Aug. 25.
- Dickerson Company, The. (See Carpenter, Walter E., assignor.)
- Dickerson, Henry G., et al. (See Warner, Charles F., assignor.)
- Dickerson, James H., New Philadelphia, Ohio. Method of and apparatus for separating composite material into its components. 2,033,690; Mar. 10.
- Dickey, Edward T., Philadelphia, Pa., assignor to Radio Corporation of America. Automatic volume control circuits. 2,055,891; Sept. 29.
- Dickey-Grabler Company, The. (See Plack, Frank F., assignor.)
- Dickey, Ralph L., Upper Montclair, N. J., assignor to United States Rubber Products, Inc., New York, N. Y. Laundry net. 2,064,594; Dec. 15.
- Dickey, Roy N., Seattle, Wash., assignor to Meets-A-Need Manufacturing Company. Detachable canspout. 2,061,024; Nov. 17.



- Dickhäuser, Ewald. (See Voss, A., and Dickhäuser.)
- Dickhaut, Charles A., Highland Park, and C. C. Willis, Bound Brook, assignors to John Waldron Corporation, New Brunswick, N. J. Festoon drier. 2,043,795; June 9.
- Dickie, William A. (See Dreyfus, H., and Dickie.)
- Dickie, William A. (See Dreyfus, H., Dickie, and Taylor.)
- Dickie, William A., Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of textile materials. 2,036,855; Apr. 7.
- Dickie, William A., and A. H. Gentle, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile operations. 2,030,102; Feb. 11.
- Dickie, William A., and A. H. Gentle, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile operation and machine therefor. 2,035,640; Mar. 31.
- Dickie, William A., and A. H. Gentle, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile material. 2,035,641; Mar. 31.
- Dickie, William A., and F. B. Hill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Fireproofing textile material. 2,036,854; Apr. 7.
- Dickie, William A., and W. I. Taylor, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of textile materials. 2,051,829; Aug. 25.
- Dickie, William A., and R. W. Moncrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile material. 2,058,421; Oct. 27.
- Dickie, William A., and P. F. C. Sowter, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of artificial filaments and like products. 2,058,422; Oct. 27.
- Dickie, William A., D. Finlayson, and P. F. C. Sowter, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile material and the manufacture thereof. 2,058,423; Oct. 27.
- Dickie, William A., and R. W. Moncrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of textile yarns. 2,061,614; Nov. 24.
- Dickie, William A., and P. F. C. Sowter, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of articles from cellulose esters or ethers. 2,065,664; Dec. 29.
- Dickinson, Arthur H., Brooklyn, assignor to International Business Machines Corporation, New York, N. Y. Punching mechanism. 2,030,432; Feb. 11.
- Dickinson, Edgar D., Beverly, Mass., assignor to General Electric Company. Elastic fluid turbine arrangement. 2,057,561; Oct. 13.
- Dickinson, Fairleigh S., Rutherford, N. J. Syringe. 2,037,768; Apr. 21.
- Dickinson, Fairleigh S., Rutherford, N. J. Automatic syringe injector. 2,047,010; July 7.
- Dickinson, Fred A., St. Louis, Mo. Spiral groove rifle magazine. 2,064,888; Dec. 22.
- Dickinson, Fredrick S., New York, N. Y. Noncollapsible tire. 2,040,645; May 12.
- Dickinson, Robert C. (See Moss, F. A., Dickinson, and Brown.)
- Dickinson, William N., Rockville Centre, N. Y. Signals and controls for passenger and freight elevators and for other purposes. 2,030,912; Feb. 18.
- Dicks, Beauford H., Waupun, Wis. Automatically stopping a motor vehicle when a dangerous place occurs in a road. 2,048,434; July 21.
- Dicksen, Ralph A., assignor to Sola Electric Co., Chicago, Ill. Sign cabinet. 2,055,624; Sept. 29.
- Dickson, Albert C., St. Louis County, assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Induction motor. 2,057,371; Oct. 13.
- Dickson, Blanche M., Dumas, Tex. Infant's garment. 2,051,685; Aug. 18.
- Dickson, Donald M., Gary, Ind. Chance and dispensing device. 2,035,949; Mar. 31.
- Dickson Gasket Company. (See Dickson, James G., assignor.)
- Dickson, George F., Chicago, Ill. Electric cooker. 2,057,421; Oct. 13.
- Dickson, Henry H., San Marino, Calif. Visualizing device. 2,052,998; Sept. 1.
- Dickson, James G., Glencoe, assignor to Dickson Gasket Company, Chicago, Ill. Gasket. 2,034,610; Mar. 17.
- Dickson, James T., Los Angeles, Calif. Brake. 2,057,422; Oct. 13.
- Dickson, Thomas A., Denver Colo. Bearing for rotary machine-elements. 2,046,613; July 7.
- Dictaphone Corporation. (See Beard, Theodore H., assignor.)
- Dictaphone Corporation. (See Beard, T. H., Norton, and Renholdt, assignors.)
- Dictaphone Corporation. (See Beard, T. H., and Renholdt, assignors.)
- Dictaphone Corporation. (See Johnson, Arthur A., assignor.)
- Dictaphone Corporation. (See Johnson, Manfred J., assignor.)
- Dictaphone Corporation. (See Norton, Leland D., assignor.)
- Dictaphone Corporation. (See Renholdt, John E., assignor.)
- Didzuns, Fritz, Endicott, assignor to International Business Machines Corporation, New York, N. Y. Paper feeding device for printing machines. 2,056,393; Oct. 6.
- Diebel, Israel, Minneapolis, Minn. Shutter mechanism for motion picture projectors. 2,027,520; Jan. 14.
- Diebold, Anton, Newark, assignor to American Gasaccumulator Company, Elizabeth, N. J. Electric switch control means. 2,045,127; June 23.
- Diebold, Charles E., assignor to The National Acme Company, Cleveland, Ohio. Power transmission mechanism. 2,042,514; June 2.
- Diebold Safe & Lock Company. (See Miller, William C., assignor.)
- Diebold Safe & Lock Co. (See Miller, W. C., and Hawkins, assignors.)
- Diebold Safe & Lock Company. (See Miller, W. C., and Kuenzel, assignors.)
- Die Cast & Forge Corporation. (See Geisslinger, John, assignor.)
- Die Casting Corporation of America. (See Newmark, Joseph, assignor.)
- Diedrich, Paul, Finkenkrug, assignor to Schering-Kahlbaum A. G., Berlin, Germany. Hydroxy alkoxy derivatives of 2-phenylquinoline-4-carboxylic acid and making same. 2,064,297; Dec. 15.
- Diefenbach, Albert, Arlesheim, Switzerland. Opening up cocoa beans. 2,064,524; Dec. 15.
- Diefenbach, Ernst, Frankfurt-on-the-Main, and E. Fischer, Bad Soden-on-the-Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Acid dye-stuffs of the anthraquinone series and preparing them. 2,029,258; Jan. 28.
- Dieffenbach, Otto W., Baltimore, Md. Cellulose tube. 2,035,304; Mar. 24.
- Diehl Corporation. (See Klimek, Gustav A., assignor.)
- Diehl, Ferdinand, Grafelfing, near Munich, Germany. Doll for the manufacture of films. 2,058,856; Oct. 27.
- Diehl, Frederick, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Centrifugal switch. 2,048,494; July 21.
- Diehl, Frederick, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Cord-controller for electric flatirons. 2,049,410; July 28.
- Diehl, George A., Cumberland, Md. Sand drying device. 2,057,610; Oct. 13.
- Diehl, Harold S., assignor to Board of Regents of University of Minnesota, Minneapolis, Minn. Therapeutic agent. 2,027,722; Jan. 14.
- Diehl, Harry L. (See Matthews, G. L., and Diehl.)
- Diehl, Herman H., assignor to The West Virginia Rail Company, Huntington, W. Va. Bending machine. 2,036,745; Apr. 7.
- Diehl, Lloyd H., and G. T. Balfe, assignors to Detroit Gasket & Mfg. Co., Detroit, Mich. Upholstery installation and making same. 2,040,365; May 12.
- Diehl, Neil, Douglas, Wyo. Bearing. 2,048,324; July 21.
- Diehl, Webster L., St. Joseph, Mo. Hydraulic rotary drill. 2,044,349; June 16.
- Diekmann, Heinrich. (See Bälz, O., Leber, and Diekmann.)
- Diem, Hans, assignor to the firm Edouard Dubied & Cie, S. A., Neuchatel, Switzerland. Latch protecting means for the latch needles in flat pearl machines. 2,043,286; June 9.
- Diem, Hans, assignor to the firm Edouard Dubied & Cie, S. A., Neuchatel, Switzerland. Flat knitting machine. 2,054,036; Sept. 8.
- Diem, Hans, Neuchatel, assignor to firm Edouard Dubied & Cie, S. A., Neuchatel, Switzerland. Producing fabrics similar to ribbed goods with the aid of knitting machines. 2,059,682; Nov. 3.
- Dieman, Roy A., Okmulgee, Okla. Table. 2,040,432; May 12.
- Diena, Jacopo, Paris, France. Apparatus for producing sudoriferous vapor baths. 2,049,949; Aug. 4.
- Diener, Harry L., assignor of one-half to D. R. Haase, North Platte, Nebr. Dispensing device. 2,058,960; Oct. 27.
- Dienner, John A., et al. (See Sherwood, Charles F., assignor.)
- Dienner, John A., Evanston, Ill., assignor of one-half to H. E. Bucklen, Elkhart, Ind. Internal combustion engine. 2,060,979; Nov. 17.
- Diery, Alfred E., Viroflay, France. Dispensing system for lubricants and the like. 2,062,213; Nov. 24.
- Diesbourg, Arthur, Kitchener, Ontario, Canada. Portable sealed liquid container. 2,038,349; Apr. 21.
- Diescher, Alfred J., assignor of one-half to M. L. R. Diescher, Winfield, Kans. Method of and apparatus for controlling operation of a gas transportation line. 2,045,760; June 30.
- Diescher, August P., assignor to Diescher Tube Mills, Inc., Pittsburgh, Pa. Cross-roll apparatus. 2,031,099; Feb. 18.
- Diescher, August P., assignor to Diescher Tube Mills, Inc., Pittsburgh, Pa. Demountable guide disk for cross rolls. 2,031,761; Feb. 25.
- Diescher, August P., assignor to Diescher Tube Mills, Inc., Pittsburgh, Pa. Tube making apparatus. 2,034,132; Mar. 17.
- Diescher, August P., assignor to Diescher Tube Mills, Inc., Pittsburgh, Pa. Tube manufacturing apparatus. 2,048,925; July 28.
- Diescher, M. L. R. (See Diescher, Alfred J., assignor.)
- Diescher, Samuel E., assignor to Diescher Tube Mills, Inc., Pittsburgh, Pa. Water-cooled guide disk. 2,034,284; Mar. 17.



- Diescher, Samuel E., assignor to Diescher Tube Mills, Inc., Pittsburgh, Pa. Method and apparatus for cross-rolling tubes. 2,042,832; June 2.
- Diescher Tube Mills, Inc. (See Diescher, August P., assignor.)
- Diescher Tube Mills, Inc. (See Diescher, Samuel E., assignor.)
- Dieseldorf, Erwin P. (See Gerlach, Wilhelm, assignor.)
- Dietenberger, Joseph A., Cleveland, Ohio, assignor, by mesne assignments, to Electrolux Corporation, Dover, Del. Pneumatic cleaner. 2,049,603; Aug. 4.
- Dieter, William, Newark, N. J. Brake system for automobiles. 2,062,167; Nov. 24.
- Dieterich, Francis L., Los Angeles, Calif. Pump construction. 2,039,583; May 5.
- Dieterich, Frederick A., and H. Weinacker, Maplewood, N. J. Wire feed for chain making machines. 2,063,593; Dec. 8.
- Dieterich, Ludwig M., Los Angeles, Calif. Optical system and method. 2,055,859; Sept. 29.
- Dieterich, Ludwig M., and D. K. Allison, assignors to Detracolor Ltd., Los Angeles, Calif. Color photography. 2,034,230; Mar. 17.
- Dieterle, Hazel M. (See Cook, Le Roy, assignor.)
- Dieterle, Walter, Dessau-Ziebigk in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Photographic emulsion. 2,066,099; Dec. 29.
- Dieterle, Walter, and W. Zeh, Dessau in Anhalt, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Sensitizing silver-halide emulsions. 2,051,134; Aug. 18.
- Dieterle, Walter, and R. Walter, Dessau in Anhalt, Germany, and H. Dürr, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Sensitizing silver halide emulsions. 2,052,754; Sept. 1.
- Dietle, Thomas S., Pawhuska, Okla. Draw works. 2,045,220; June 23.
- Dietman, Fred W., Los Angeles, Calif. Bank protective apparatus. 2,055,005; Sept. 22.
- Dietmann, Paul W., Jonkoping, Sweden. Matchmaking machine. 2,043,156; June 2.
- Dietmann, Paul W., Jonkoping, Sweden. Collecting device for match making machines. 2,043,157; June 2.
- Dietrich, Anton, assignor to the firm Grazer Waggon- und Maschinenfabriks-Aktiengesellschaft vormals Joh. Weitzer, Graz, Styria, Austria. Automatic brake shoe pressure adjusting apparatus for railway vehicles. 2,040,203; May 12.
- Dietrich, Edwin C. (See Van Dusen, C. H., and Dietrich.)
- Dietrich, Friedrich R., Pasing, near Munich, Germany. Divided piston. 2,035,692; Mar. 31.
- Dietrich, Gabriele, Meinersdorf, Germany. Heating device for automobiles. 2,050,281; Aug. 11.
- Dietrich, Incorporated. (See Olivier, Jules A., assignor.)
- Dietrich, Melvin A., Wilmington, Del., and C. S. Marvel, Urbana, Ill., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Phthalide halide and making it. 2,053,269; Sept. 8.
- Dietrich, Neff T., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Automobile engine mounting and spring suspension. 2,065,665; Dec. 29.
- Dietrich, Wilhelm. (See Luther, M., and Dietrich.)
- Dietz, Henry F., assignor to M. L. Gould, Indianapolis, Ind. Mining jack. 2,066,175; Dec. 29.
- Dietz, Joseph B., Lansdowne, and E. F. Oeffinger, Philadelphia, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Varnish composition. 2,028,758; Jan. 28.
- Dietz, Karl, Frankfurt-on-the-Main, and K. Frank, Bad Soden-on-the-Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Mortars or binders containing caoutchouc and preparing same. 2,059,778; Nov. 3.
- Dietz, Karn. (See Frank, K., Dietz, Privinsky, and Thiel.)
- Dietz, R. E., Company. (See Currie, Robert A., assignor.)
- Dietz, Valentin, Cologne, Germany, assignor to E. B. Elliott, and M. C. Boyd, Miami, Fla. Printing. 2,044,156; June 16.
- Dietze, Eginhard, Westfield, N. J., assignor to American Telephone and Telegraph Company. Operator's telephone circuit. 2,030,971; Feb. 18.
- Dietzgen, Eugene, Co. (See Langsner, Adolph, assignor.)
- Dietzgen, Eugene, Company. (See Langsner, A., and Lerch, assignors.)
- Dietzgen, Eugene, Company. (See Parr, Louis F., assignor.)
- Dietzler, Andrew J. (See Britton, E. C., and Dietzler.)
- Dietzold, Robert L., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,054,794; Sept. 22.
- Diez, Angel M., and T. Neuhaus-May, Mexico, D. F., Mexico. Mechanism for veering the head lamps of automobiles. 2,057,423; Oct. 13.
- Diffenbacher, James A. (See Schwendt, B. J., Bousquet, and Diffenbacher.)
- Diffenderfer, John K. E., Baltimore, Md. Preparing parisons. 2,035,053; Mar. 24.
- Di Figlia, Vincent, Brooklyn, N. Y. Lamp support and clamp. 2,062,214; Nov. 24.
- Di Fonzo, Antonio, Cleveland, Ohio, assignor to Lombardi Knitting Machine Co., Inc., New York, N. Y. Knitting apparatus. 2,038,895; Apr. 28.
- Digby, Thomas J., New York, N. Y. Fuel-burning water-heating apparatus. 2,033,911; Mar. 17.
- Diggins, Bartholomew A., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Goggles. 2,065,122; Dec. 22.
- Diggs, Sterling H., Casper, Wyo., assignor to Standard Oil Company, Chicago, Ill. Solvent recovery in oil extraction processes. 2,030,284; Feb. 11.
- Diggs, Sterling H., R. E. Beard and J. M. Page, Jr., Casper, Wyo., assignors to Standard Oil Company, Chicago, Ill. Insulating wax. 2,050,428; Aug. 11.
- Diggs, Sterling H., and J. M. Page, Jr., Casper, Wyo., assignors to Standard Oil Company, Chicago, Ill. Solvent extraction of wax-bearing oils. 2,063,369; Dec. 8.
- Dight, Sydney R., Haslar, assignor to Clarke Chapman & Company Limited, Gateshead-on-Tyne, England. Water tube steam boiler. 2,034,788; Mar. 24.
- Di Giacomo, Vincent, Tuckahoe, N. Y. Floor supporting means. 2,060,046; Nov. 10.
- Di-Guango, Primo, and V. Vito, Manila, P. I. Hair waving device. 2,040,982; May 19.
- Dijksterhuis, Popko R., Eindhoven, Netherlands, assignor to Radio Corporation of America. Electrodynamic loud-speaker. 2,047,361; July 14.
- Dike, Paul H. (See Doyle, E. D., and Dike.)
- Dike, Paul H., assignor to Leeds & Northrup Company, Philadelphia, Pa. Precision resistance. 2,026,616; Jan. 7.
- Dilg, Earl W. (See Evans, R. D., Dilg, and Germann.)
- Dilger, John B., Lyndhurst, and C. Allegri, Nutley, N. J. Candy coating feeding machine. 2,054,247; Sept. 15.
- Dilks, James J., Jr., Philadelphia, Pa. Punching machine. 2,051,031; Aug. 18.
- Dill Manufacturing Company, The. (See Bronson, Adelbert E., assignor.)
- Dill Manufacturing Company, The. (See Crowley, John C., assignor.)
- Dill Manufacturing Company, The. (See Fisher, Sol, assignor.)
- Dill Manufacturing Company, The. (See Goff, W. F., and Tobold, assignors.)
- Dill Manufacturing Company, The. (See Tobold, Ewald F., assignor.)
- Dillard, Guy C., Waco, Tex. Attachment for road graders. 2,050,282; Aug. 11.
- Diller, Alvin L. (See L'Hollier, L. H., and Diller.)
- Diller, Alvin L., Belmont, and L. H. L'Hollier, Waltham, Mass. Producing surfaces of comminuted material. 2,029,361; Feb. 4.
- Dilley, Edward S., Pine Bluff, Ark. Grate-bar. 2,027,768; Jan. 14.
- Dillig, Henry P., Pittsburgh, Pa. Plug connector. 2,030,856; Feb. 18.
- Dillingham, Charles K., and P. D. Cannon, Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Thermal insulating tape. 2,035,950; Mar. 31.
- Dillman, Ernest J. (See Eggleston, L. W., and Dillman.)
- Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Electrical control system. 2,061,536; Nov. 17.
- Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,062,262; Nov. 24.
- Dillon, Edmund B., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Producing wire articles. 2,061,352; Nov. 17.
- Dillon, George W., New Orleans, La. Fence. 2,057,018; Oct. 13.
- Dillon, Harold H., assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio, as trustee. Piston. 2,058,424; Oct. 27.
- Dillon, Hugh J., Highland Park, Mich. Frameless tank vehicle. 2,026,826; Jan. 7.
- Dillon, Hugh J., Highland Park, Mich. Transmission mechanism. 2,026,827; Jan. 7.
- Dillon, Hugh J., Highland Park, Mich. Chassis structure. 2,047,011; July 7.
- Dillon, Hugh J., Highland Park, Mich. Vehicle structure. 2,059,854; Nov. 3.
- Dillon, Hugh J., Detroit, Mich. Vehicle. 2,048,926; July 28.
- Dillon, John H., and R. W. Allen, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Plastometer. 2,045,548; June 23.
- Dillon, Joseph F., Philadelphia, Pa., assignor to The Barrett Company, New York, N. Y. Saturating kettle. 2,040,514; May 12.
- Dillon, Lyle, assignor to Union Oil Company of California, Los Angeles, Calif. Electric dehydrator. 2,029,362; Feb. 4.
- Dillon, Lyle, assignor to Union Oil Company of California, Los Angeles, Calif. Electrical dehydrator high voltage supply. 2,038,479; Apr. 21.
- Dillon, Lyle, Los Angeles, and C. E. Swift, Glendale, assignors to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for dewaxing oil. 2,031,210; Feb. 18.
- Dillon, Lyle, Los Angeles, and C. E. Swift, Glendale, assignors to Union Oil Company of California, Los Angeles, Calif. Dewaxing oil. 2,039,636; May 5.
- Dillon, Lyle, Los Angeles, and C. E. Swift, Glendale, assignors to Union Oil Company of California, Los Angeles, Calif. Dewaxing oil. 2,053,552; Sept. 8.



- Dillon, William C., Chicago, Ill. Thermometer. 2,028,969; Jan. 28.
- Dillström, Torbjörn V. (See Hesselman, K. J. E., and Dillström.)
- Dillström, Torbjörn V., Stockholm, Sweden, assignor to Hesselman Motor Corporation, Ltd., London, England. Internal combustion engine. 2,028,760; Jan. 28.
- Dilts Machine Works, Inc. (See Haskell, John D., assignor.)
- Dilts, Maggie E., et al. (See Dolan, J., and Granata, assignors.)
- Di Lustro, Vito F. (See Rosch, S. J., di Lustro, and Rogers.)
- Di Lustro, Vito F., Irvington, N. Y., and E. W. Flansburg, Sycamore, Ill., assignors to Anaconda Wire & Cable Company, New York, N. Y. Covered wire and producing the same. 2,048,849; July 28.
- Di Lustro, Vito F., Irvington, N. Y., and E. W. Flansburg, Sycamore, Ill., assignors to Anaconda Wire & Cable Company, New York, N. Y. Wire covering machine. 2,048,850; July 28.
- Dilworth, Richard M., Lakewood, Ohio, assignor to General Motors Corporation, Detroit, Mich. Oil engine. 2,030,247; Feb. 11.
- Dimmick, Glenn L., Westmont, N. J., assignor to Radio Corporation of America. Phonographic apparatus. 2,031,822; Feb. 25.
- Dimmick, Glenn L., West Mont, N. J., assignor to Radio Corporation of America. Apparatus for photographically recording sound. 2,052,220; Aug. 25.
- Dimmig, Howard, New York, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Apparatus for the treatment of hydrocarbon oil. 2,066,100; Dec. 29.
- Dimond, Thomas L., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,028,195; Jan. 21.
- Dimond, Thomas L., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,058,216; Oct. 20.
- Dimond, Thomas L., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 2,039,637; May 5.
- Dimond, Thomas L., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,045,450; June 23.
- Dimond, Thomas L., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,060,184; Nov. 10.
- Dingeldein, Harry A., assignor to The Liberty Machine Tool Company, Hamilton, Ohio. Reversing and change speed mechanism for metalworking machinery. 2,055,523; Sept. 29.
- Dingley, Edward N., Jr., Washington, D. C. Electrical circuit analyzer. 2,030,857; Feb. 18.
- Dingley, Robert McV. (See Roberts, R. P., Kimpton, and Dingley.)
- Dings Magnetic Separator Company. (See Hope, James L., assignor.)
- Dingwall, George, and J. Oberhauser, Toronto, Ontario, Canada. Manufacture of transparent colored varnishes and the like. 2,047,674; July 14.
- Dinley, Clarence F., Detroit, Mich., assignor to J. H. Bell, Philadelphia, Pa. Treatment with solvents. 2,028,759; Jan. 28.
- Dinley, Clarence F., Detroit, Mich., assignor to James H. Bell, Philadelphia, Pa. Apparatus for treatment with solvents. 2,036,261; Apr. 7.
- Dinnick, George M., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Electron discharge device and anode therefor. 2,042,929; June 2.
- Dinsmore, Clarence B., Flint, Mich. Compass. 2,056,715; Oct. 6.
- Dinsmore, Ray P., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Pneumatic tire and fabric therefor. 2,058,778; Oct. 27.
- Dintilhac, Jean G., assignor to Society "L'Huile Des Records Du Monde S. A. F.," Paris, France. Apparatus for testing liquids, and especially lubricants. 2,027,903; Jan. 14.
- Di Nuccio, Charles, et al. (See Lepore, Alfred L., assignor.)
- Diner, George, St. Louis, Mo. Cauterizing instrument. 2,030,285; Feb. 11.
- Dinzi, Richard W., Narberth, Pa., assignor to Baldwin-Southwark Corporation. Multiloop range indicating system. 2,055,787; Sept. 29.
- Diodati, Amedeo, Boston, assignor to Marine Optical Manufacturing Company, Roslindale, Mass. Spectacle hinge. 2,060,727; Nov. 10.
- Dion, William A., Plainville, assignor to Evans Case Company, North Attleboro, Mass. Combination pocket lighter and cigarette inclosing device. 2,033,184; Mar. 10.
- Dippel, Cornelis J. (See De Boer, J. H., and Dippel.)
- Dippel, Cornelis J. (See De Boer, J. H., Dippel, and Alink.)
- Dippel, Cornelis J., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Mechanical recording. 2,032,741; Mar. 3.
- Dippel, Cornelis J., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Carrier for records and making same. 2,035,463; Mar. 31.
- Dippel, George A., Sag Harbor, N. Y. Clam rake. 2,035,799; Mar. 31.
- Dippman, Fred R., assignor to The Ohio Brass Company, Mansfield, Ohio. Spray gun. 2,029,061; Jan. 28.
- Dippman, Fred R., assignor to The Ohio Brass Company, Mansfield, Ohio. Lubricating device. 2,029,062; Jan. 28.
- Dippman, Fred R., assignor to The Ohio Brass Company, Mansfield, Ohio. Lubricating device. 2,029,063; Jan. 28.
- Direct Current Welding Company. (See Mirfield, George E., assignor.)
- Direct Current Welding Company. (See Sykes, Wilfred, assignor.)
- Di Renzo, Simon, Landisville, N. J. Modulation system. 2,047,726; July 14.
- Di Renzo, Simon, Landisville, N. J. Stop device for automobiles. 2,066,199; Dec. 29.
- Dirix, Emile, La Calamine, Belgium. Device for converting a rotating motion into a rectilinear reciprocating motion. 2,064,889; Dec. 22.
- Dirkes, Robert F. (See Yorke, G. M., and Dirkes.)
- Dirkes, Robert F., Jamaica, N. Y., and E. R. Wheeler, North Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Control means for telegraph printers and projectors. 2,027,026; Jan. 7.
- Dirkes, Robert F., Jamaica, and R. Steeneck, assignors to The Western Union Telegraph Company, New York, N. Y. Projection system. 2,030,812; Feb. 11.
- Dirkes, Robert F., Jamaica, N. Y., and V. R. Kimball, Palisades Park, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Regenerative repeater. 2,064,298; Dec. 15.
- Dirscherl, Wilhelm. (See Ach, L., and Dirscherl.)
- Dirscherl, Wilhelm, Heidelberg, Germany. Production of hormone compounds. 2,045,702; June 30.
- Disch, John E., assignor to Daniel Green Company, Dolgeville, N. Y. Shoe. 2,050,831; Aug. 11.
- Disney, Charles P., Toronto, Ontario, Canada. Bridge construction. 2,028,741; Jan. 28.
- Dison, Ruth, Oakland, Calif. Ear protector. 2,051,686; Aug. 18.
- Disque, William, and C. E. Skelton, Syracuse, N. Y., said Skelton assignor to said Disque. Half tone screen operating mechanism. 2,062,401; Dec. 1.
- Disston, Henry & Sons, Inc. (See Melde, August G., assignor.)
- Distell, Alfred, Olten, Switzerland, assignor to Ernst Leitz Optische Werke, G. m. b. H., Wetzlar, Germany. Electro-optical testing device for timepieces. 2,055,231; Sept. 22.
- Ditcham, William T., Chelmsford, England, assignor to Radio Corporation of America. Modulated transmitter. 2,034,899; Mar. 24.
- Ditcham, William T., Chelmsford, England, assignor to Radio Corporation of America. Transmitter. 2,038,526; Apr. 28.
- Ditcham, William T., Chelmsford, England, assignor to Radio Corporation of America. Modulating carrier wave transmitter. 2,060,614; Nov. 10.
- Ditchburn, Thomas, London, England. Sheet piling. 2,050,934; Aug. 11.
- Dittman, Paul C., Chicago, Ill. Decorative lighting device. 2,063,153; Dec. 8.
- Dittmar, Irvin F., assignor to The Cromar Co., Williamsport, Pa. Machine for coating strips of lumber. 2,026,521; Jan. 7.
- Dittmar, Richard A., Hudson, N. Y. Dust shield. 2,064,245; Dec. 15.
- Ditto, Incorporated. (See Brower, Paul V., assignor.)
- Ditto Incorporated. (See Hernlund, J. W., and Jagger, assignors.)
- Ditto Incorporated. (See Hernlund, J. W., Marchev, and Morrison, assignors.)
- Ditto, Incorporated. (See Hernlund, J. W., McCain, and Marchev, assignors.)
- Ditto, Incorporated. (See Jagger, Hubert, assignor.)
- Ditto, Incorporated. (See Kelly, Rowland L., assignor.)
- Ditto, Incorporated. (See Marchev, Alfred, assignor.)
- Ditto Incorporated. (See McCain, C. C., and Marchev, assignors.)
- Ditto, Incorporated. (See Sauer, Louis J., assignor.)
- Diwoy, Fred F. (See Brown, A. B., and Diwoy.)
- Dixie Vortex Company. (See Bares, Rudolph, assignor.)
- Dixn, Ramon V., assignor to Motion, Inc., Detroit, Mich. Motion device. 2,037,460; Apr. 14.
- Dixon, Alfred L., Hollywood, and C. J. Cardin, Downers Grove, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Furnace. 2,049,950; Aug. 4.
- Dixon, Charles, and H. J. W. Raphael, London, England. Safety razor. 2,036,926; Apr. 7.
- Dixon, Charles, and H. J. W. Raphael, London, England. Safety razor. 2,036,927; Apr. 7.
- Dixon, H. L., Company. (See Forter, Samuel A., assignor.)
- Dixon, Harry V., Jr., Los Angeles, Calif. Propeller driving mechanism. 2,050,283; Aug. 11.
- Dixon, Henry M., Jr. (See Dorey, W. A., and Dixon.)
- Dixon, Herbert W., New Canaan, Conn. Tie rack and the like. 2,058,217; Oct. 20.
- Dixon, Joseph, Crucible Company. (See Glendinning, John, assignor.)
- Dixon, Joseph, Crucible Company. (See Sell, Edwin A., assignor.)
- Dixon, Lewis M., Sea Cliff, N. Y. Hectograph roll. 2,033,458; Mar. 10.
- Dixon, Paul H., Springfield, Ill. Drawing instrument. 2,039,584; May 5.



- Dixon, Paul H., Springfield, Ill., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and apparatus for treating shoe parts. 2,054,930; Sept. 22.
- Dixon, Paul H., Springfield, Ill. Stitch-forming machine. 2,057,884; Oct. 20.
- Dixon, Tod G., Brooklyn, N. Y. Nonslippery floor wax. 2,030,055; Feb. 11.
- Dixon Valve & Coupling Co. (See Walsh, Joseph W., assignor.)
- Djordjevitch, Yesdimir, Paris, France. Carburetting device. 2,062,506; Dec. 1.
- Dlog, Inc. (See Gervais, Joseph A., assignor.)
- Dmitrevskij, Petr, and D. Astrov, Prague, Czechoslovakia. Tube system for heat exchange. 2,064,246; Dec. 15.
- Doan, Leslie E., assignor of forty per cent to E. C. Winfrey, Hale, Mo. Heater for brooder houses. 2,053,237; Sept. 1.
- Doan, Richard L., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for testing lubricating compounds. 2,049,951; Aug. 4.
- Doane, Harry C., Flint, assignor to General Motors Corporation, Detroit, Mich. Vehicle signal. 2,040,923; May 19.
- Doane, Leroy C., Meriden, Conn., assignor to E. L. Canfield, Hillside, N. J. Indirect lighting luminair. 2,058,139; Oct. 20.
- Döbbelin, Walter. (See Rollbühler, H., and Döbbelin.)
- Dobbins Manufacturing Company, The. (See Brandt, Henry E., assignor.)
- Dobbins, Willie R., Bostonia, Calif. Fireplace heater attachment. 2,043,429; June 9.
- Dobeckmun Co., The. (See Betts, Ross C., assignor.)
- Dobeckmun Company, The. (See Schmidt, David, assignor.)
- Dobie, George & Son Limited. (See Warren, James D. N., assignor.)
- Dobie, Harry O., Superior, Wis. Combination storm window and screen. 2,031,875; Feb. 25.
- Doble Engineering Company. (See Browning, Glenn H., assignor.)
- Doble, William H., et al. (See Corbett, Lawrence W., assignor.)
- Dobler, Fritz. (See Bosshart, J., and Dobler.)
- Dobranc, John. (See Zafuta, Carl, assignor.)
- Dobrick, August C., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Flush valve. 2,035,693; Mar. 31.
- Dobry, Alma, assignor to Compagnie de Produits Chimiques et Electrometallurgiques, Alais, Froges et Camargue, Paris, France. Treating organic esters of cellulose. 2,059,934; Nov. 3.
- Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,030,056; Feb. 11.
- Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,031,593; Feb. 25.
- Dobson, William A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,030,858; Feb. 18.
- Dobson, William A., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,047,551; July 14.
- Dobyne, John C. (See Dobyne, Stevenson A. and J. C.)
- Dobyne, Stevenson A. and J. C., St. Louis Mo. Exhaust control means. 2,056,505; Oct. 6.
- Dockray, Charles J. and H. J., Zanesville, Ohio. Chilled metal mold casting. 2,052,921; Sept. 1.
- Dockray, Harry J. (See Dockray, Charles J. and H. J.)
- Dodani, Athanas P. (See Dercum, H., and Dodani.)
- Dodd, Arthur E. (See Crago, P. H., and Dodd.)
- Dodd, Arthur E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,063,300; Dec. 8.
- Dodd, Arthur E., Wilkesburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,064,420; Dec. 15.
- Dodd, Gerald D., Martinsville, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Desuperheater. 2,033,185; Mar. 10.
- Dodd, Laurence E., and W. W. Harper, Los Angeles, Calif. Time recorder. 2,044,471; June 16.
- Dodds, Mary L. (See Cox, G. J., and Dodds.)
- Dodds, Stanley S., San Benito, Tex. Vibrating finishing screed. 2,034,942; Mar. 24.
- Dodelin, Fred A., Glen Ridge, assignor to Pyrene Manufacturing Company, Newark, N. J. Supporting bracket for fire extinguishers. 2,029,707; Feb. 4.
- Dodge Adiel Y., South Bend, Ind. Brake. 2,033,186; Mar. 10.
- Dodge, Adiel Y., South Bend, Ind. Variable speed transmission. 2,039,147; Apr. 28.
- Dodge, Adiel Y., South Bend, Ind. Reactance clutch. 2,039,148; Apr. 28.
- Dodge, Adiel Y., South Bend, Ind. One-way clutch. 2,039,149; Apr. 28.
- Dodge, Adiel Y., South Bend, assignor to Bendix Brake Company, South Bend, Ind. Electrical disk brake. 2,029,862; Feb. 4.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,031,762; Feb. 25.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,036,464; Apr. 7.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,044,973; June 23.
- Dodge, Adiel Y., South Bend, Ind., assignor to Bendix Aviation Corporation, Chicago, Ill. Centrifugal clutch. 2,048,435; July 21.
- Dodge, Adiel Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,048,436; July 21.
- Dodge, Adiel Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake drum. 2,051,830; Aug. 25.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,055,601; Sept. 29.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,055,602; Sept. 29.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubrication device. 2,055,603; Sept. 29.
- Dodge, Adiel Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,064,595; Dec. 15.
- Dodge, Adiel Y., and R. J. Statz, South Bend, Ind., assignors, by mesne assignments, to Bendix-Cowdrey Brake Tester, Inc., New York, N. Y. Testing apparatus. 2,027,580; Jan. 14.
- Dodge, Arthur B., Lancaster, Pa. Bottle stopper. 2,031,880; Feb. 25.
- Dodge, Elbert S., Ilion, assignor to Remington Rand Inc., Buffalo, N. Y. Typewriting and like machine. 2,037,769; Apr. 21.
- Dodge, Elbert S., Ilion, and W. L. Philbin, Frankfort, assignors to Remington Rand Inc., Buffalo, N. Y. Typewriting and like machine. 2,064,154; Dec. 15.
- Dodge, George D., Evanston, Ill. Venetian blind tilting device. 2,055,816; Sept. 29.
- Dodge, H. B., and Company. (See Nottingham, Edward B., assignor.)
- Dodge, Harry H., assignor to J. H. McCormick & Co., Williamsport, Pa. Apparatus for conditioning air. 2,053,395; Sept. 8.
- Dodge, Milo C., assignor to Columbian Rope Company, Auburn, N. Y. Wire rope. 2,050,564; Aug. 11.
- Dodge, Parker. (See Campbell, C. A., and Dodge.)
- Dodge, Sherwood O., Medford, assignor to Guaranteed Parts, Inc., Allston, Mass. Feeler mechanism for looms. 2,030,688; Feb. 11.
- Dodge, Sherwood O., Medford, assignor to H. F. Livermore Co., Allston, Mass. Knife for shuttle feeler mechanisms. 2,034,564; Mar. 17.
- Dodge, Theodore, River Falls, Wis. Automatic watering device. 2,031,146; Feb. 18.
- Dodge, William A. (administrator). (See Sabbah, Camille A.)
- Dodge, William G. (See Barnhart, J. W., Baumbrucker, and Dodge.)
- Dodge, William G. (See Tarvin, C. E., and Dodge, assignors.)
- Dodge, William W., Jr., Asheville, N. C. Sling shot. 2,056,446; Oct. 6.
- Dodson, Edward, Streatham, London, England. Controlling means for fuel injection engines. 2,031,527; Feb. 18.
- Dodson, Edward, Streatham, London, England. Thermostat. 2,055,280; Sept. 22.
- Dodson, Truman M., Bethlehem, Pa. Method of and apparatus for scouring coal. 2,048,923; July 28.
- Dodson, William C. (See Drum, H. S., and Dodson.)
- Dodson, William H., Torreon, Mexico, assignor to The Murray Company, Dallas, Tex. Cotton gin. 2,051,550; Aug. 18.
- Doe, Flora N., administratrix. (See Doe, William B.)
- Doe, Harry V., Salem, Oreg. Telescopic gunsight mounting. 2,043,430; June 9.
- Doe, Paul H. (See Wahl, J. H., and Doe.)
- Doe, William B., Jacksonville, Fla., F. N. Doe, administratrix of the estate of said W. B. Doe, deceased, assignor to The Hydro-Humus Corporation of America, Jacksonville, Fla. Method and material for improving the growth of plants. 2,029,988; Feb. 4.
- Doebert, George M., Buffalo, N. Y. Hold-fast device. 2,038,029; Apr. 21.
- Doehner, Lina. (See Doehner, William, assignor.)
- Doehner, William, Chemnitz, assignor to Lina Doehner, Chemnitz, Germany. Production of ladderproof knitted fabric. 2,033,688; Mar. 10.
- Doelling, George L. (See Bebie, J., and Doelling.)
- Doelling, Louis, Maplewood, assignor to United States Fire Protection Corporation, Hoboken, N. J. Apparatus for production of inert CO<sub>2</sub> containing gas. 2,037,158; Apr. 14.
- Doerfer, Jacob C., executor. (See Doerfer, Joseph, and J.)
- Doerfer, Jake. (See Doerfer, Joseph, and J.)
- Doerfer, Joseph, deceased, and J. Doerfer, Littleton, Colo., J. Doerfer, deceased, also known as J. C. Doerfer, executor of said J. Doerfer; G. Malcolm, administrator of J. C. Doerfer, deceased. Priming mixtures. 2,035,597; Mar. 31.
- Doering, Richard A., York, Pa. Double acting condiment shaker. 2,065,061; Dec. 22.
- Doerseln, Paul, assignor to Silk City Metals Coating Company, Paterson, N. J. Loom temple. 2,056,039; Sept. 29.
- Doerseln, Paul, assignor to Silk City Metals Coating Company, Paterson, N. J. Weft thread cutter for looms. 2,065,364; Dec. 22.



- Doetzel, Fred, Jr., Cedar Rapids, Iowa. Washing and developing device. 2,060,286; Nov. 10.
- Dofsen, Floyd J., San Francisco, Calif. Sound record and producing the same. 2,060,287; Nov. 10.
- Dognin-Societe Anonyme. (See Isaac, Augustin, assignor.)
- Doherty, Henry A., Hudson, N. H. Attachment plug. 2,054,497; Sept. 15.
- Doherty, Henry L., New York, N. Y. Developing oil fields. 2,048,731; July 28.
- Doherty, John R., Bethlehem, Pa. Encased reel. 2,063,662; Dec. 8.
- Doherty Research Company. (See Brandt, David G., assignor.)
- Doherty Research Company. (See Burke, Stephen P., assignor.)
- Doherty Research Company. (See Hadden, George L., assignor.)
- Doherty Research Company. (See Kaplan, William, assignor.)
- Doherty Research Company. (See Laird, Wilbur G., assignor.)
- Doherty Research Company. (See Levitt, Percy B., assignor.)
- Doherty Research Company. (See Miller, Benjamin, assignor.)
- Doherty Research Company. (See Morgan, John D., assignor.)
- Doherty Research Company. (See Morgan, John D., and Lowe, assignors.)
- Doherty Research Company. (See Morgan, J. D., and Sullivan, assignors.)
- Doherty Research Company. (See Pease, Edward L., assignor.)
- Doherty Research Company. (See Saathoff, George W., assignor.)
- Doherty Research Company. (See Segur, Daniel K., assignor.)
- Doherty, Walter G., New York, N. Y. Measuring apparatus. 2,028,503; Jan. 21.
- Doherty, William J., Haberfeld, and E. F. Gilford, Peter-sham, New South Wales, Australia. Machine for vending tickets. 2,041,636; May 19.
- Doino, Carmine, Brooklyn, N. Y. Motion picture apparatus. 2,034,176; Mar. 17.
- Doisy, Edward A., Webster Groves, Mo., and P. A. Katzman, Bangor, Mich., assignors to President and Board of Trustees of St. Louis University, St. Louis, Mo. Hormone and obtaining the same. 2,035,642; Mar. 31.
- Dolan, David J., Cleveland Heights, Ohio, assignor to The Cardel Company, Inc., Chester, Pa. Clutch. 2,050,426; Aug. 11.
- Dolan, Edward F., Los Angeles, and H. C. Mellon, Pasadena, Calif., assignors to U. S. Electrical Motors, Inc. Rotor casting machine. 2,065,213; Dec. 22.
- Dolan, Frank J., Brooklyn, assignor to J. M. Price, New York, N. Y. Container and improved top therefor. 2,033,187; Mar. 10.
- Dolan, Frederick K., Providence, R. I., assignor to Uncas Manufacturing Company. Initialing device. 2,035,149; Mar. 24.
- Dolan, John, Fords, and A. J. Granata, Trenton, N. J., assignors of thirty per cent to said Dolan, forty-seven and one-half per cent to said Granata, ten per cent to A. D. Antonio, Perth Amboy, three per cent to J. H. Volk-mann, Union City, N. J., five per cent to Leo Savoleo, New York, N. Y., one and one-half per cent to M. E. Dilts, Whitehouse, one and one-half per cent to L. Avidano, and one and one-half per cent to V. Bassi, Bridgewater, N. J. Beverage cooling and dispensing system. 2,048,665; July 21.
- Dolbear, Clinton E., assignor to P. and P. K. Wiseman and C. E. Dolbear, Los Angeles, Calif. Refining petroleum distillates. 2,034,712; Mar. 24.
- Dole, Myron W., Belmont, Mass. Feed water heater for locomotives. 2,031,468; Feb. 18.
- Dole Valve Company, The. (See Lund, James K., assignor.)
- Dole Valve Company. (See Morrison, Willard L., assignor.)
- Dolfi, Felice C., Redford, Mich. Fuel-oil burner. 2,049,583; Aug. 4.
- Dolge, Arthur H., assignor to The Embalmers' Supply Company, Westport, Conn. Church truck. 2,059,320; Nov. 3.
- Dolid, Jacob, Bridgeport, Conn. Aluminum stearate solutions and making the same. 2,032,528; Mar. 3.
- Doll, Joseph A., Mineola, assignor to Joledo Corporation, New York, N. Y. Toothpick. 2,035,425; Mar. 24.
- Dollase, Robert F., assignor of one-half to Gustav Hanson, Fort Atkinson, Wis. Plow. 2,058,140; Oct. 20.
- Dollinger, Lewis L., assignor to Staynew Filter Corporation, Rochester, N. Y. Ventilator. 2,052,453; Aug. 25.
- Dollinger, Lewis L., assignor to Staynew Filter Corporation, Rochester, N. Y. Air filter. 2,058,669; Oct. 27.
- Dolly Toy Company, The. (See Irenius, Joseph V., assignor.)
- Dolson, David F., Medford, Mass. Wire tensioner and fastener. 2,048,437; July 21.
- Dolza, John. (See Gove, W. D., and Dolza.)
- Dolza, John, Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Thrust bearing. 2,030,813; Feb. 11.
- Dolza, John, Flint, assignor to General Motors Corporation, Detroit, Mich. Carburetor. 2,036,465; Apr. 7.
- Dolza, John, Flint, assignor to General Motors Corporation, Detroit, Mich. Bearing lubrication. 2,040,924; May 19.
- Dolza, John, assignor to General Motors Corporation, Flint, Mich. Body stabilizer. 2,047,771; July 14.
- Domagall, John, assignor to W. H. Maze Company, Peru, Ill. Glazing fastener. 2,047,012; July 7.
- Doman, Carl T., assignor to Doman & Marks, Syracuse, N. Y. Internal combustion engine. 2,038,030; Apr. 21.
- Doman, Carl T., assignor to Doman & Marks, Syracuse, N. Y. Air cooled internal combustion engine. 2,043,531; June 9.
- Doman, Carl T., assignor to Doman & Marks, Syracuse, N. Y. Air-cooled internal combustion engine. 2,052,017; Aug. 25.
- Doman & Marks. (See Doman, Carl T., assignor.)
- Dombrowski, Joseph, Trenton, N. J. Figure wheeled toy. 2,035,870; Mar. 31.
- Domers, Margaret. (See Menninger, Elmore W., assignor.)
- Domestic Stoker Company. (See Hall, Cortice H., assignor.)
- Dominicus, David. (See Will, Heinrich E., assignor.)
- Dominion Bridge Company. (See Shearwood, Frederick P., assignor.)
- Dominion Electrical Mfg. Co. (See Knapp, Ernie, assignor.)
- Dominion Electrical Mfg. Co. (See Roehl, E. A., Carpenter, and Warner, assignors.)
- Dominion Engineering Works Limited. (See Berlyn, Martin J., assignor.)
- Dominion Engineering Works Limited. (See Macpherson, Hugh W., assignor.)
- Dominion Engineering Works Limited. (See Malkin, Bernard A., assignor.)
- Dominion Engineering Works Limited. (See Russell, A. N., and Robb, assignors.)
- Dominion Manufacturers Limited. (See Robinson, Henry W., assignor.)
- Domizi, Dario, Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Primary electric cell. 2,051,987; Aug. 25.
- Domizi, Dario, Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Primary electric cell. 2,061,899; Nov. 24.
- Domke, George C., Chicago, Ill. Mailable blotter. 2,045,944; June 30.
- Domn, Elgin C., assignor to National-Standard Company, Niles, Mich. Coating metal. 2,038,548; Apr. 28.
- Domn, Elgin C., assignor to National-Standard Company, Niles, Mich. Coating metal. 2,038,549; Apr. 28.
- Domn, Elgin C., assignor to National-Standard Company, Niles, Mich. Electroplating cadmium on cadmium-zinc alloys. 2,038,550; Apr. 28.
- Domn, Elgin C., assignor to National-Standard Company, Niles, Mich. Electroplating zinc on cadmium zinc alloys. 2,038,551; Apr. 28.
- Domn, Elgin C., assignor to National-Standard Company, Niles, Mich. Copper-antimony or copper-bismuth coated ferrous metals. 2,039,067; Apr. 28.
- Domn, Elgin C., assignor to National-Standard Company, Niles, Mich. Rubber adherent article. 2,039,068; Apr. 28.
- Domn, Elgin C., assignor to National-Standard Company, Niles, Mich. Corrosion resisting rubber coated article. 2,039,069; Apr. 28.
- Domoto, Takanooshin, Oakland, Calif. Canning rice. 2,055,120; Sept. 22.
- Donaghy, Albert, Sr. (See Westin, C. J., and Donaghy.)
- Donahay, Richard S., Columbus, Ohio. Burial vault. 2,063,421; Dec. 8.
- Donahoe, Michael A., and C. I. Smith, New York, N. Y., assignors of one-half to L. C. Steinharter, Long Island City, N. Y., one-fourth to said Smith, and one-fourth to said Donahoe. Liquid agitator. 2,036,262; Apr. 7.
- Donahue, A. J., Corporation. (See Jacobs, Joseph, assignor.)
- Donahue, Alphonsus J. (See Rocke, Louis, assignor.)
- Donahue, John J., Kansas City, and G. Rohman, St. Louis, Mo., assignors to Sam'l Bingham's Son Mfg. Co., Chicago, Ill. Trimmer for printers' rollers. 2,054,365; Sept. 15.
- Donahue, Patrick F. (See Goepel, A. H., and Donahue.)
- Donahue, Thomas H. (See Johnson, G. E., and Donahue.)
- Donaldson, Frank A., Minneapolis, Minn. Air cleaner. 2,053,603; Sept. 8.
- Donaldson, Harry C., Jr., Edgewood, and J. G. Ford, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fireproof insulating compounds. 2,041,052; May 19.
- Donaldson, Robert R., Jr., Pittsburgh, assignor to J. M. Hopwood, Dormont, Pa. Receiving regulator and control apparatus therefor. 2,044,936; June 23.
- Donaldson Company. (See Lowther, Wilfred W., assignor.)
- Donat, Joseph L., Berwyn, Ill. Combined can opener and can perforator. 2,043,654; June 9.
- Donath, Ernst. (See Pier, Christman, and Donath.)
- Donath, Ernst. (See Pier, M., and Donath.)
- Donato, Peter, Patchogue, N. Y. Marble shooter. 2,048,061; July 21.
- Donceel, Guillaume T., Oklahoma City, Okla. Electrically controlled pressure equalizing apparatus. 2,038,480; Apr. 21.
- Donderer, Josef, assignor of one-half to L. Sussmeier, Augsburg, Germany. Tractor wheel. 2,041,460; May 19.
- Dondlinger, Eugene J., Chicago, Ill. Transport vehicle construction. 2,062,120; Nov. 24.



- Donlan, Theodore R., Irvington, N. J., assignor to Standard Oil Development Company. Treating hydrocarbons. 2,031,939; Feb. 25.
- Donle, Harold P., Meriden, Conn., assignor to Radio Inventions, Inc., New York, N. Y. Television method and apparatus. 2,049,897; Aug. 4.
- Donnellan, Edward P., Brooklyn, N. Y. Mechanism for assembling and inserting enclosures in envelopes. 2,058,005; Oct. 20.
- Donnelly, Edna C. (See Kramer, Dwight J., assignor.)
- Donnelly, John H., Elmhurst, N. Y. Closure. 2,039,952; May 5.
- Donnelly, Joseph C., Barberton, Ohio, assignor, by mesne assignments, to The Diamond Match Company. Machine for making and assembling matches and ignition holders. 2,058,573; Oct. 27.
- Donnelly, Joseph F., Lemont, assignor to Donnelly Process Corporation, Chicago, Ill. Selective cracking of hydrocarbons. 2,052,340; Aug. 25.
- Donnelly Process Corporation. (See Donnelly, Joseph F., assignor.)
- Donnini, Edlo. (See Bishop, F. L., Shoemaker, Pierce, Wood, and Donnini.)
- Donnini, Edlo, Jeannette, assignor to American Window Glass Company, Pittsburgh, Pa. Apparatus for the manufacture of laminated glass. 2,030,572; Feb. 11.
- D'Onofrio, Marcy, Richmond Hill, N. Y. Combination bed lamp and radio. 2,050,044; Aug. 4.
- Donoher, Edith P., Salt Lake City, Utah. Support and hair covering for ear-phones. 2,040,246; May 12.
- Donohue, Joseph R., Cincinnati, Ohio, assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Auxiliary inking mechanism. 2,051,135; Aug. 18.
- Donoghue, Helen M., Portland, Oreg. Baby's sleeping harness. 2,059,563; Nov. 3.
- Donolac Corporation. (See Buckmaster, Ben S., assignor.)
- Donovan, Daniel G., Randolph, Mass., assignor to Pepperell Manufacturing Company, Boston, Mass. Label for household linen. 2,059,092; Oct. 27.
- Donovan, John F. (See Fagan, J. T., Donovan, and Malloy.)
- Donovan, John F. (See Illingworth, G., and Donovan.)
- Donovan, John J., Lynn, Mass. Machine for applying piping and the like to leather goods. 2,060,288; Nov. 10.
- Donovan, John F., East Cleveland, Ohio, assignor to General Electric Company. Miniature incandescent lamp. 2,053,138; Sept. 1.
- Donovan, John F., East Cleveland, and J. Flaws, Jr., Cleveland Heights, Ohio, assignors to General Electric Company. Defective mount detecting and segregating device. 2,053,137; Sept. 1.
- Donovan, John F., East Cleveland, and F. J. Malloy, Cleveland Heights, Ohio, assignors to General Electric Company. Decorative lighting fixture. 2,053,139; Sept. 1.
- Donovan, John F., and G. Illingworth, East Cleveland, Ohio, assignors to General Electric Company. Apparatus for feeding wires. 2,053,946; Sept. 8.
- Donovan, Lawrence A. (See Daniels, E. A. and Donovan.)
- Donovan, M. H., & Company. (See Habicht, Harvey H., assignor.)
- Donovan, Peter T., Lucerne Valley, Calif. Wind motor. 2,032,651; Mar. 3.
- Dons, Eddie M. (See Jacobs, D. L., and Dons.)
- Doodchenko, Peter L. (See Pelipetz, Michail G., assignor.)
- Dooley, Dan W., et al. (See Long, John D., assignor.)
- Doolin, Charles E., San Antonio, Tex. Bag rack. 2,031,147; Feb. 18.
- Doom, Ernest F., Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Removing tin from columbium alloys. 2,030,357; Feb. 11.
- Doorbar, John H., Highland Park, N. J., assignor to Du Pont Film Manufacturing Corporation, New York, N. Y. Casting wheel. 2,058,670; Oct. 27.
- Door Company, Inc., The. (See Weber, W. C., Shafor, and Roberts, assignors.)
- Dopp, Carl A., and R. Fennema, assignors to Crane Co., Chicago, Ill. Lubricated cock. 2,039,523; May 5.
- Dopp, Frank B., St. Louis, Mo., assignor to Perma Corporation. Work support for a lasted shoe. 2,027,027; Jan. 7.
- Dopp, Frank B., St. Louis, Mo., assignor to Perma Corporation. Machine for inserting fasteners and forming the heel area of a sole. 2,028,382; Jan. 21.
- Dopp, Gene W., Los Angeles, Calif. Leader. 2,056,506; Oct. 6.
- Dopyera, Rudolph, Los Angeles, Calif. Stringed musical instrument. 2,027,723; Jan. 14.
- Dopyera, Rudolph, Los Angeles, Calif. Resonator for stringed musical instruments. 2,029,469; Feb. 4.
- Dopyera, Rudolph, Los Angeles, Calif. Stringed musical instrument. 2,045,265; June 23.
- Dopyera, Rudolph, Los Angeles, Calif. Pick for stringed musical instruments. 2,045,571; June 30.
- Doran, Homer M., Great Falls, Mont., assignor to Anaconda Copper Mining Company, New York, N. Y. Treatment of indium-bearing materials. 2,052,387; Aug. 25.
- Doran, Homer M., and H. D. Houghton, Great Falls, Mont., assignors to Anaconda Copper Mining Company, New York, N. Y. Electrolysis. 2,042,591; June 2.
- Doran, John H., Scotia, N. Y., assignor to General Electric Company. Packing arrangement. 2,047,821; July 14.
- Doran, John H., Scotia, N. Y., assignor to General Electric Company. Bellows. 2,058,301; Oct. 20.
- Doran, John H., Scotia, N. Y., assignor to General Electric Company. Elastic fluid turbine. 2,064,649; Dec. 15.
- D'Orelli, Edouard. (See Gutzeit, Grégoire, assignor.)
- Dorer, Casper J. (See Colegrove, C. E., and Dorer.)
- Dorer, Oscar H., East Orange, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Pump. 2,065,666; Dec. 29.
- Dorer, Primus O., and H. F. Landstad, assignors to S. Smith & Sons (Motor Accessories), Limited, London, England. Starting device for synchronous electric motors. 2,044,423; June 16.
- Dorey, William A., and T. W. Rolph, Newark, Ohio, assignors to Holophane Company, Inc., New York, N. Y. Light mixing apparatus. 2,050,429; Aug. 11.
- Dorey, William A., and H. M. Dixon, Jr., Newark, Ohio, assignors to Holophane Company, Inc., New York, N. Y. Light mixing apparatus. 2,053,325; Sept. 8.
- Dorfman, Hiller D. (See Gano, H. S., and Dorfman.)
- Dorfman, Hiller D., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Circuit interrupter. 2,050,284; Aug. 11.
- Dorfman, Hiller D., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. East Pittsburgh, Pa. Circuit interrupter. 2,050,285; Aug. 11.
- Dorfman, Hiller D., and J. H. Shuler, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,044,157; June 16.
- Dorfman, Louis J., Brooklyn, N. Y. Machine for perforating cigars. 2,065,995; Dec. 29.
- Dorgelo, Eduard G. (See Uytterhoeven, W., Verburg, and Dorgelo.)
- Dorgelo, Eduard G., Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge device. 2,030,433; Feb. 11.
- Dorgelo, Eduard G., Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge device. 2,030,434; Feb. 11.
- Dorgelo, Eduard G., Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge lamp device. 2,056,649; Oct. 6.
- Dorgelo, Eduard G., and C. Bol, Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge device. 2,056,648; Oct. 6.
- Dorin, Edward S., et al. (See Warner, Charles F., assignor.)
- Doring Company. (See Doring, Max B. A., assignor.)
- Doring, Max B. A., Brooklyn, assignor to Doring Company, Inc., New York, N. Y. Rolling pressure brake and clutch. 2,045,179; June 23.
- Dorl, Francis J. L. (See Steinke, Alfred, assignor.)
- Dorl, Wilhelm O. D. (See Guhl, H., Dorl, and Gargel.)
- Dorman, D. M. (See Cox, James E., assignor.)
- Dorman, Harry. (See Masterson, I., and Dorman.)
- Dorman, Morris, Baltimore, Md. Vending machine. 2,044,672; June 16.
- Dorman, Morris, Baltimore, Md. Nonrefillable bottle. 2,050,168; Aug. 4.
- Dorment, Frank C., St. Petersburg, Fla., assignor of one-half to F. B. Edmundson, Pittsburgh, Pa. Apparatus for treating citrus fruit for removing rind oil. 2,052,548; Sept. 1.
- Dormer, Jay B., St. Joseph, Mich. Load handling device. 2,028,442; Jan. 21.
- Dormer, Jay B., St. Joseph, Mich. Mold apparatus. 2,028,443; Jan. 21.
- Dormeyer, A. F., Mfg. Co. (See Phillips, Walter E., assignor.)
- Dormeyer, Albert F., Chicago, Ill., assignor, by mesne assignments, to Hamilton Beach Manufacturing Co., Racine, Wis. Electric food mixer. 2,048,183; July 21.
- Dormeyer, Albert F., Chicago, Ill., assignor, by mesne assignments, to Hamilton Beach Manufacturing Co., Racine, Wis. Motor driven beater. 2,048,184; July 21.
- Dornier-Metallbauten G. m. b. H. (See Dornier, Claude, assignor.)
- Dormire, Ford H., Flint, Mich. Bait box. 2,051,136; Aug. 18.
- Dormitzer, Henry C. (See Robinson, A. A., and Dormitzer.)
- Dormoy, Etienne, assignor to Boeing Aircraft Company, Seattle, Wash. Assist movement of airplane control surfaces. 2,045,638; June 30.
- Dorn, James, assignor to London Electronics (Machinery) Limited, London, England. Light controlled device or apparatus. 2,047,013; July 7.
- Dorn, Nora F., Glenside, Pa. Combination garment. 2,051,437; Aug. 18.
- Dorn, R. J., Co. (See Schroder, F. W., and Willis, assignors.)
- Dornbusch, Paul, Krefeld, Germany. Leather printing and tipping machine. 2,058,006; Oct. 20.
- Dornfeld, John F., San Diego, Calif. Drying apparatus. 2,049,199; July 28.
- Dornfeld, Reinhold, and K. Haage, Esslinger-On-the-Neckar, Germany. Power ram. 2,054,851; Sept. 22.
- Dornier, Claude, Friedrichshafen, Germany. Flying machine. 2,052,086; Aug. 25.
- Dornier, Claude, assignor to Dornier-Metallbauten G. m. b. H., Friedrichshafen-on-the-Bodensee, Germany. Wing structure for aircraft. 2,064,970; Dec. 22.
- Dornig, Mario, Milan, and F. Fauser, Novara, Italy. Shaft coupling device. 2,052,342; Aug. 25.



- Dorogi, István and L., assignors of one-half to Magyar Ruggyantaárugyár Reszvenytársaság, Budapest. Shoe consisting of textile material and of rubber. 2,048,185; July 21.
- Dorogi, Lajos. (See Dorogi, István and L.)
- Dorr Company, The. (See Carstens, C. E., Dyrenforth, and Marriott, assignors.)
- Dorr Company, The. (See Coulter, Harold B., assignor.)
- Dorr Company, The. (See Fischer, Anthony J., assignor.)
- Dorr Company, The. (See Fischer, A. J., and Lund, assignors.)
- Dorr Company, The. (See Howard, Henry, assignor.)
- Dorr Company, The. (See Keefer, C. E., and Wachter, assignors.)
- Dorr Company, The. (See Lund, Nels B., assignor.)
- Dorr Company, The. (See Pennington, Thomas J., assignor.)
- Dorr Company, The. (See Rankin, Renville S., assignor.)
- Dorr Company, The. (See Slade, James V., assignor.)
- Dorr Company, The. (See Weber, William C., assignor.)
- Dorr Company, Inc., The. (See Miller, A. L., and Darby, assignors.)
- Dorr Company, Inc., The. (See Miller, A. L., Shafor, and Darby, assignors.)
- Dorrance, David W., San Jose, Calif. Artificial hand. 2,030,785; Feb. 11.
- Dorrance, Harold J., Pittsburgh, Pa. Apparatus for treating feet. 2,030,358; Feb. 11.
- Dorrat, James A., Manchester, England, assignor to General Electric Company. Welding apparatus. 2,030,689; Feb. 11.
- Dorrel, Theron W., Santa Barbara, Calif. Comb. 2,061,697; Nov. 24.
- Dorrill, Frank. (See Tucker, C. W., and Dorrell.)
- Dorsey, Albert P., Poughkeepsie, N. Y. Electric outlet molding. 2,029,019; Jan. 28.
- Dorsey, Claude E., Jr., Elba, Ala. Semiautomatic fifth wheel construction. 2,031,256; Feb. 18.
- Dorsey, Herbert G. (See Fay, R. D., and Dorsey.)
- Dorsey, Russell A., Buffalo, N. Y. Container construction. 2,041,170; May 19.
- Dortmund-Hoerder Huttenverein Aktiengesellschaft. (See Blum, Hermann, assignor.)
- Dorton, John M., Bonner Springs, Kans. Adjustable seat. 2,043,287; June 9.
- Dorst, James A., U. S. Army, San Francisco, Calif. Suspension for vehicles. 2,059,212; Nov. 3.
- Dorst, James A., U. S. Army, San Francisco, Calif. Track tensioning device. 2,059,213; Nov. 3.
- Dorst, James A., United States Army, San Francisco, Calif. Track for tracklaying vehicles. 2,064,890; Dec. 22.
- Dorst, James A., United States Army, San Francisco, Calif. Vehicle. 2,065,516; Dec. 29.
- Dorst, Paul W. (See Reed, R. F., Dorst, and George.)
- Dortmund-Hoerder Hüttenverein Aktiengesellschaft. (See Austerhülle, Wilhelm, assignor.)
- Dörzbach, Eugen (See Bockmühl, M., Simons, and Dörzbach.)
- Dosch-Kircher Organization, Inc. (See Cunningham, Terence P., assignor.)
- Doser, Arnold. (See Orthner, L., and Doser.)
- Dosne, Henry, Mulhouse, France. Colored cellulose material. 2,041,907; May 26.
- Dosne, Henry, Mulhouse, France. Colored cellulose material. 2,042,393; May 26.
- Doss, George G. (See Kauffman, S., and Doss.)
- Dostal, Joseph L., Flint, Mich., assignor to Eaton-Erb Foundry Company. Forming tappets. 2,039,397; May 5.
- Dostal, Joseph L., Flint, Mich., assignor, by mesne assignments, to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake drum. 2,042,651; June 2.
- Doty, Charles R., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Printing scale. 2,036,026; Mar. 31.
- Doty, Howard R., Glenside, Pa. Game apparatus. 2,039,782; May 5.
- Doubilet, Henry, New York, N. Y., assignor to Eli Lilly and Company, Indianapolis, Ind. Iron bile salt and making it. 2,034,333; Mar. 17.
- "Double-H" Brick Company, The. (See Hine, J. J., and Fox-Strangways, assignors.)
- Doubrava, Harry W. (See Harris, I. C., and Doubrava.)
- Doud, Arthur N., East Cleveland, Ohio. Building construction. 2,037,889; Apr. 21.
- Douden, William L., Brooklyn, N. Y., assignor to Radio Corporation of America. Apparatus for making composite talking motion pictures. 2,027,028; Jan. 7.
- Dougan, Charles E. (See Seaver, J. J., Dougan, and Wetherbee.)
- Dougherty, Augustus P., Warren, and W. H. Stevens, Niles, Ohio. Ice can grid. 2,039,299; May 5.
- Dougherty, Elmer E., Glen Ridge, N. J., assignor, by mesne assignments, to Polytechnic Development Corporation. Dolomite conversion. 2,058,141; Oct. 20.
- Dougherty, James G., New York, N. Y., assignor to National Electromatic Corporation. Automatic electric radiator. 2,034,800; Mar. 24.
- Dougherty, William E. (See Greenleaf, R. L., and Dougherty.)
- Dougherty, William E., assignor to The Dallett Company, Philadelphia, Pa. Cable coupling. 2,034,695; Mar. 24.
- Doughnut Corporation of America. (See Bergner, John C assignor.)
- Douglas Aircraft Company. (See Guerin, Henry E., assignor.)
- Douglas Aircraft Company. (See Kindelberger, J. H., and Raymond, assignors.)
- Douglas, Charles E., Grand Rapids, Mich. Combined tee and ball lifter. 2,044,838; June 23.
- Douglas, Edwin R., Baltimore, Md., J. J. Heins, Jr., and A. Edel, Philadelphia, Pa., assignors to H. Barker, Montclair, N. J. Tubular saw. 2,062,257; Nov. 24.
- Douglas, Fredric E. (See Stimpson, W. I., and Douglas.)
- Douglas, Fredric E., assignor to Draper Corporation, Hopedale, Mass. Loom temple. 2,046,289; June 30.
- Douglas, Fredric E., assignor to Draper Corporation, Hopedale, Mass. Thread cutter blade. 2,059,169; Oct. 27.
- Douglas, George C., and P. J. McDougall, Spokane, Wash. Stove. 2,056,507; Oct. 6.
- Douglas, George W., New York, N. Y., and J. J. Dewey, Greenwich, Conn. Kingpin. 2,057,372; Oct. 13.
- Douglas, Harry A. (See Drury, Thomas W., assignor.)
- Douglas, Harry A., Bronson, Mich. Wire terminal for electrical conductors. 2,034,090; Mar. 17.
- Douglas, Harry A., Bronson, Mich. Electric switch construction. 2,044,065; June 16.
- Douglas, Harry A., Bronson, Mich. Connecting means. 2,044,974; June 23.
- Douglas, Harry A., Bronson, Mich. Electric switch. 2,047,950; July 21.
- Douglas, Harry A., Bronson, Mich. Foot operated electric switch. 2,048,927; July 28.
- Douglas, Harry A., Bronson, Mich. Mounting means. 2,057,885; Oct. 20.
- Douglas, Harry A., Bronson, Mich. Electrical connection means. 2,066,144; Dec. 29.
- Douglas, Horace L., New Britain, Conn. Oil burner. 2,040,298; May 12.
- Douglas, Isaiah E., Philadelphia, Pa. Guard for cycle handle bars. 2,063,493; Dec. 8.
- Douglas, James K. (See Ferris W., and Douglas.)
- Douglas, James K. (See Wiedmann, E., and Douglas.)
- Douglas, James K., and G. L. Heiden, assignors to The Oilgear Company, Milwaukee, Wis. Hydraulic press. 2,029,708; Feb. 4.
- Douglas, James K., assignor to The Oilgear Company Milwaukee, Wis. Hydraulic transmission. 2,026,776; Jan. 7.
- Douglas, James K., assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic transmission. 2,056,896; Oct. 6.
- Douglas, Lomason Company. (See de Cary, August L., assignor.)
- Douglas, Louis M. (See Cook, S. S., and Douglas.)
- Douglas, Samuel A., Union, assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Ironing machine. 2,047,997; July 21.
- Douglas, Stuart D., Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Polymerizing vinyl compounds. 2,055,468; Sept. 29.
- Douglass, Cecil N., and R. A. Norling, Aurora, assignors to Independent Pneumatic Tool Co., Chicago, Ill. Cushioning means for tools. 2,035,643; Mar. 31.
- Douglass, Charles B. (See Craig, Edmund F., assignor.)
- Douglass, Charles F., Cleveland, Ohio. Reel. 2,052,341; Aug. 25.
- Douglass, Francis B. (See Dailey, Carl F., assignor.)
- Douglass, Lora B., Los Angeles, Calif. Facial shield. 2,033,691; Mar. 10.
- Douglass, Lora B., and R. E. Deschner, Los Angeles, Calif. Dispensing powder reservoir. 2,056,173; Oct. 6.
- Douglass, Paul W. (See Swink, H., and Douglass.)
- Douglass, William A. (See Calcott, W. S., and Douglass.)
- Douthwaite, Guy, Los Angeles, Calif. Sound system. 2,045,180; June 23.
- Dover Manufacturing Company. (See Huffman, Russell I., assignor.)
- Dover, Samuel M., Chicago, Ill. Signal lamp unit. 2,033,692; Mar. 10.
- Dow Chemical Company, The. (See Bass, Shailer L., assignor.)
- Dow Chemical Company, The. (See Britton, Edgar C., assignor.)
- Dow Chemical Company, The. (See Britton, E. C., and Coleman, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., and Dietzler, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., and Martin, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., Heindel, and Bryner, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., Perkins, and Lundquist, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., and Slagh, assignors.)
- Dow Chemical Company, The. (See Chamberlain, L. C., and Hooker, assignors.)
- Dow Chemical Company, The. (See Coleman, G. H., and Moore, assignors.)
- Dow Chemical Company, The. (See Coleman, G. H., and Warren, assignors.)
- Dow Chemical Company, The. (See Devereux, W. C., and Oliver, assignors.)
- Dow Chemical Company, The. (See Gann, J. A., and Gross, assignors.)
- Dow Chemical Company, The. (See Grebe, John J., assignor.)



- Dow Chemical Company, The. (See Grebe, J. J., Reilly, and Wiley, assignors.)
- Dow Chemical Company, The. (See Grebe, J. J., and Stoesser, assignors.)
- Dow Chemical Company, The. (See Grebe, J. J., Stoesser, and Minger, assignors.)
- Dow Chemical Company, The. (See Grether, E. F., and Du Vall, assignors.)
- Dow Chemical Company, The. (See Hale, William J., assignor.)
- Dow Chemical Company, The. (See Heath, S. B., and Ohman, assignors.)
- Dow Chemical Company, The. (See Hoy, J. E., and Brown, assignors.)
- Dow Chemical Company, The. (See Jarman, Donald E., assignor.)
- Dow Chemical Company, The. (See Lamb, Newton, assignor.)
- Dow Chemical Company, The. (See Lowry, Robert D., assignor.)
- Dow Chemical Company, The. (See Lowry, R. D., and Reynolds, assignors.)
- Dow Chemical Company, The. (See Mills, Lindley E., assignor.)
- Dow Chemical Company, The. (See Mills, L. E., and Fayerweather, assignors.)
- Dow Chemical Company, The. (See Murch, Wilfred M., assignor.)
- Dow Chemical Company, The. (See Perkins, E. H., and Mills, assignors.)
- Dow Chemical Company, The. (See Putnam, M. E., Britton, and Perkins, assignors.)
- Dow Chemical Company, The. (See Reilly, John H., assignor.)
- Dow Chemical Company, The. (See Stoesser, S. M., and Fry, assignors.)
- Dow Chemical Company, The. (See Stoesser, Wesley C., assignor.)
- Dow, Dewey M. (See Riebel, F., Jr., and Dow.)
- Dow, Dewey M. (See Riebel, F., Jr., Dow, and Child.)
- Dow, Dewey M., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Household appliance. 2,037,890; Apr. 21.
- Dow, Dewey M., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner. 2,051,203; Aug. 18.
- Dow, Harry E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Thermostatic wax pot. 2,028,535; Jan. 21.
- Dow Power Saw Company. (See Arsneau, George, assignor.)
- Dow, Richard F., assignor to The Whitney Chain & Mfg. Company, Hartford, Conn. Overload safety device. 2,045,572; June 30.
- Dowd, Andrew D., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical system. 2,041,822; May 26.
- Dowd, Andrew D., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Starting system. 2,059,564; Nov. 3.
- Dowdall, James T., assignor to Gloversville Welt Co. Inc., Gloversville, N. Y. Ornamental material. 2,051,077; Aug. 18.
- Dowding, George V., London, England, assignor to Radio Corporation of America. Fidelity control circuits. 2,031,034; Feb. 18.
- Dowell, Alvis Y., Hastings-on-Hudson, assignor to Servel, Inc., New York, N. Y. Combination receptacle for refrigerators. 2,027,092; Jan. 7.
- Dowell, Chester M., Huntingburg, Ind. Electrical protective system. 2,057,138; Oct. 13.
- Dowell, James P. (See Goralline, Samuel G., assignor.)
- Dowinsky, Samuel, New York, N. Y. Steam generator for forming and pressing devices. 2,039,892; May 5.
- Dowinsky, Samuel, New York, N. Y. Electric heater unit. 2,052,388; Aug. 25.
- Dowler, Jacob W., Philadelphia, Pa., assignor to Heine-mann Electric Company, Trenton, N. J. Pull-out switch block. 2,055,006; Sept. 22.
- Dowling, Philip H., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical rectifier. 2,046,153; June 30.
- Dowling, Reginald J., and C. D. Davidson, Seattle, Wash. Cutting tool. 2,057,769; Oct. 20.
- Down, Carlton A., Delanco, N. J., assignor, by mesne assignments, to Goulds Pumps, Inc., Seneca Falls, N. Y. Centrifugal casting. 2,046,505; July 7.
- Down, Sidney G. (See Fralich, J. S. Y., and Down.)
- Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake controlling device. 2,045,181; June 23.
- Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control system. 2,048,325; July 21.
- Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,065,214; Dec. 22.
- Downard, James S., deceased, by N. W. Downard, administratrix, Fort Thomas, Ky. Device for forming strings or sheets of asphalt. 2,063,663; Dec. 8.
- Downard, Naomi W., administratrix. (See Downard, James S.)
- Downes, John R., Middlesex, N. J., assignor to Pacific Flush-Tank Company, New York, N. Y. Sewage treatment. 2,065,123; Dec. 22.
- Downey, Hugh B., Kansas City, Mo. Football game. 2,064,466; Dec. 15.
- Downie, Robert R., Beaver Falls, Pa. Mechanical hammer. 2,029,363; Feb. 4.
- Downing, Frederick B. (See Carter, A. S., and Downing.)
- Downing, Frederick B., Carney's Point, and R. G. Clarkson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical product. 2,033,125; Mar. 10.
- Downing, Frederick B., Carney's Point, N. J., and R. G. Clarkson, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkaline wetting and penetrating media. 2,033,819; Mar. 10.
- Downing, Frederick B., Carneys Point, N. J., and R. G. Clarkson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of cellulose-coated pigment. 2,046,253; June 30.
- Downing, Frederick B., Carneys Point, N. J., and H. W. Walker, assignors, by mesne assignments, to Gasoline Antioxidant Company, Wilmington, Del. Motor fuel. 2,053,466; Sept. 8.
- Downing, Frederick B., Carneys Point, L. S. Bake, Penns Grove, and A. E. Parmelee, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of lead-sodium-magnesium alloys. 2,061,267; Nov. 17.
- Downing, Frederick B., Carneys Point, N. J., and R. G. Clarkson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphonic acid derivatives of aliphatic hydrocarbons useful as wetting and cleansing agents. 2,061,617; Nov. 24.
- Downing, Frederick B., Carney's Point, N. J., and R. G. Clarkson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphonated hydrocarbon derivatives. 2,061,618; Nov. 24.
- Downing, Frederick B., Carney's Point, N. J., and R. G. Clarkson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphonated aliphatic hydrocarbon derivatives, useful as wetting and cleansing agents. 2,061,619; Nov. 24.
- Downing, Frederick B., Carney's Point, N. J., and R. G. Clarkson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphonated derivatives of aliphatic hydrocarbons useful as wetting and cleansing agents. 2,061,620; Nov. 24.
- Downing, George H., Flinsbury Park, London, assignor to W. G. Eavestaff & Sons Limited, London, England. Miniature upright piano. 2,063,796; Dec. 8.
- Downing, Virgil S., assignor of one-third to J. W. Roell, and one-third to S. Gammill, Jackson, Miss. Attachment for locks. 2,047,861; July 14.
- Downington Manufacturing Company. (See Standley, Albert H., assignor.)
- Downs, Charles R., Old Greenwich, Conn., assignor to Weiss and Downs, Inc., New York, N. Y. Method and apparatus for conditioning air. 2,026,935; Jan. 7.
- Downs, Charles R., Old Greenwich, Conn., assignor to Weiss and Downs, Inc., New York, N. Y. Method and apparatus for conditioning air. 2,026,936; Jan. 7.
- Downs, Charles R., Old Greenwich, Conn., assignor to Weiss and Downs, Inc., New York, N. Y. Deodorized calcium chloride. 2,027,093; Jan. 7.
- Downs, Charles R., Old Greenwich, Conn., assignor to Weiss and Downs, Inc., New York, N. Y. Method and apparatus for dehumidifying air. 2,027,094; Jan. 7.
- Downs, Charles R., Old Greenwich, Conn., and R. P. Weiss, assignors to Weiss and Downs, Inc., New York, N. Y. Tar acid product and producing it. 2,030,690; Feb. 11.
- Downs, Sewell H., Kalamazoo, Mich. Method and apparatus for conditioning air. 2,048,851; July 28.
- Downs, Sewell H., Kalamazoo, Mich. Conditioning apparatus. 2,060,289; Nov. 10.
- Dowst Manufacturing Company. (See Bischof, Frank, Jr., assignor.)
- Dowty, George H., Cheltenham, England. Aircraft under-carriage. 2,049,109; July 28.
- Doyle, Edgar D., assignor to Leeds & Northrup Company, Philadelphia, Pa. System of distribution. 2,054,121; Sept. 15.
- Doyle, Edgar D., assignor to Leeds & Northrup Company, Philadelphia, Pa. System of distribution. 2,054,411; Sept. 15.
- Doyle, Edgar D., and P. H. Dike, assignors to Leeds & Northrup Company, Philadelphia, Pa. Measuring system. 2,065,365; Dec. 22.
- Doyle, Frank B., Phillipsburg, N. J. Fluid operated tool. 2,058,425; Oct. 27.
- Doyle, Glennon J., Clayton, assignor to C. Nelson Manufacturing Company, St. Louis, Mo. Cabinet closure. 2,047,461; July 14.
- Doyle, Glennon J., Clayton, assignor to C. Nelson Manufacturing Company, St. Louis, Mo. Refrigerating cabinet. 2,047,462; July 14.
- Doyle, James P., Santa Cruz, assignor of one-half to E. B. Westergreen, Oakland, Calif. Heat insulation treating and binding compound. 2,050,089; Aug. 4.
- Doyle, Joseph P. (See Case, A. F., and Doyle.)
- Doyle, Louis H., Clinton, Iowa, assignor of two-thirds to H. R. Russell, Long Beach, Calif. Brake mechanism. 2,037,709; Apr. 21.
- Doyle, Mason I., Brooklyn, N. Y. Buffing wheel. 2,056,716; Oct. 6.
- Doyle, Munsey F., St. Augustine, Fla. Valve lifter. 2,033,025; Mar. 3.



- Doyle, Palmer D., Bremerton, assignor of one-half to F. W. Erikson, Seattle, Wash. Oil carburetor. 2,038,031; Apr. 21.
- Doyle, William T., assignor to Sturtevant Mill Company, Boston, Mass. Fabrication of leather boards and thinner leather sheets. 2,047,136; July 7.
- Doyle, Willis G., Detroit, Mich., assignor to American Car and Foundry Motors Company, New York, N. Y. Hydraulic brake. 2,029,096; Jan. 28.
- Doyon, Wilfred, Detroit, Mich. Electric heating attachment for hot water bags and the like. 2,064,248; Dec. 15.
- Dozier, Lewis, assignor to Rhineland Paper Company, Rhineland, Wis. Making plasticized glassine paper. 2,058,961; Oct. 27.
- Dozler, Ernst, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Control system. 2,037,565; Apr. 14.
- Dozler, Ernst, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Control system. 2,056,040; Sept. 29.
- Drabin, John J., New York, N. Y. Starting device for automotive vehicles. 2,038,552; Apr. 28.
- Drachman, Albert P., Huntington Park, Calif. Drying device for safety razor blades. 2,052,021; Aug. 25.
- Drackett Company, The. (See Gangloff, W. C., and Hieronymus, assignors.)
- Drader, Joseph C., Detroit, Mich., assignor, by mesne assignments, to Michigan Tool Company. Lead testing machine for spiral gears. 2,046,506; July 7.
- Drader, Joseph C., Detroit, Mich., assignor by mesne assignments, to Michigan Tool Company. Grinding fixture. 2,049,490; Aug. 4.
- Drader, Joseph C., and H. Q. Munn, Detroit, Mich. Forming hobs for bevel gears. 2,049,491; Aug. 4.
- Drader, Joseph C., and H. Q. Munn, Detroit, Mich., assignors, by mesne assignments, to Michigan Tool Company. Machining bevel gears. 2,049,492; Aug. 4.
- Dragendorff, Otto. (See Elöd E., and Dragendorff.)
- Dragendorff, Otto, assignor to the firm Rudolph Koepf & Co. Chemische Fabrik A. G., Oestrich, Germany. Concentrating aqueous formic acid. 2,034,332; Mar. 17.
- Drager, Bernhard. (See Stampe, Gerhard K. E. H., assignor.)
- Drager, Otto H. (See Schröter, Gustav-Adolf, assignor.)
- Drake Corporation. (See Drake, Stoney, assignor.)
- Drake, Ethel J., Houston, Tex. Dish sterilizer and drier. 2,054,366; Sept. 15.
- Drake, Frederick H., Boonton, N. J., assignor to Radio Corporation of America. Heterodyne receiver. 2,059,321; Nov. 3.
- Drake, Frederick H., Boonton Township, Morris County, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Oscillation generator. 2,027,521; Jan. 14.
- Drake, George F., assignor to H. D. Colman, Rockford, Ill. Control for air conditioning systems. 2,039,300; May 5.
- Drake, George F., assignor to Howard D. Colman, Rockford, Ill. Thermostat. 2,058,426; Oct. 27.
- Drake, Harcourt C., Hempstead, assignor to Sperry-Products, Inc., Brooklyn, N. Y. Detecting flaws. 2,031,469; Feb. 18.
- Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 2,036,856; Apr. 7.
- Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 2,036,857; Apr. 7.
- Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 2,049,764; Aug. 4.
- Drake, Harcourt C., Hempstead, and F. D. Braddon, Babylon, N. Y., assignors to Sperry Products, Inc. Rail fissure detector car. 2,053,704; Sept. 8.
- Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass cutting apparatus. 2,033,188; Mar. 10.
- Drake, Lewis D., Mountain View, and W. M. Gardella, Oakland, Calif., said Gardella, assignor of one-third to said Drake. Diffusion impeller deflector. 2,061,564; Nov. 24.
- Drake, Otto S., et al. (See Sinclair, Leonard, assignor.)
- Drake, Percell, and F. Hairston, Detroit, Mich. Fishhook holder and guard. 2,046,370; July 7.
- Drake, Robert P., Columbus, Ohio. Envelope. 2,037,504; Apr. 14.
- Drake, Rollin L., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Closure for containers. 2,029,259; Jan. 28.
- Drake, Ronald I. (See Andrew, W. K., and Drake.)
- Drake, Ronald I. (See Meier, A. M., and Drake.)
- Drake, Ronald I., Appleton, assignor to Marathon Paper Mills Company, Rothschild, Wis. Container. 2,048,211; July 21.
- Drake, Stoney, Atlanta, Ga., assignor to Drake Corporation. Warp conditioning process for tying-in machines. 2,058,962; Oct. 27.
- Drapal, Othmar, Cologne-Mulheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Textile assistants. 2,030,859; Feb. 18.
- Draper, Alfred P. (See Cunard, Alfred B., assignor.)
- Draper, Charles H., Cleveland Heights, and W. C. Grosser, Cleveland, assignors to The Draper Manufacturing Company, Cleveland, Ohio. Bung ring construction. 2,029,764; Feb. 4.
- Draper Corporation. (See Brown, Carl D., assignor.)
- Draper Corporation. (See Burdett, Horace H., assignor.)
- Draper Corporation. (See Davis, Harry A., assignor.)
- Draper Corporation. (See Douglas, Fredric E., assignor.)
- Draper Corporation. (See Erhard, Emile H., assignor.)
- Draper Corporation. (See Jackson, Joseph B., assignor.)
- Draper Corporation. (See Marsh, Harold, assignor.)
- Draper Corporation. (See Northrup, Jonas, assignor.)
- Draper Corporation. (See Noyes, Ira W., assignor.)
- Draper Corporation. (See Snow, Isaac, assignor.)
- Draper Corporation. (See Stimpson, W. I., and Douglas, assignors.)
- Draper Corporation. (See Tebo, William A., assignor.)
- Draper Corporation. (See Waterhouse, Harold W., assignor.)
- Draper, Ernest E., Scarsdale, assignor to The Perser Corporation, New York, N. Y. Apparatus for making stereoscopic positives from negatives. 2,061,729; Nov. 24.
- Draper Manufacturing Company, The. (See Draper, C. H., and Grosser, assignors.)
- Draper Manufacturing Company, The. (See Lees, H. W., and Grosser, assignors.)
- Drath, Paul. (See Hope, S. N., and Drath.)
- Drauz, Gustav, Heilbronn-on-the-Neckar, Germany. Body for power vehicles. 2,035,800; Mar. 31.
- Dravo Contracting Company, The. (See Dawson, Albert J., assignor.)
- Dravo Contracting Company, The. (See Kersting, Bernard H., assignor.)
- Drechsel, Armin, Munich, Germany. Motor car without rotary swinging movement. 2,051,078; Aug. 18.
- Drechsel, Fritz, Munich, Germany. Finishing textile material. 2,057,822; Oct. 20.
- Dredge, Joseph F., Highland Park, Mich. Self-feeding magazine pencil. 2,034,133; Mar. 17.
- Dreher Bros. & Wider. (See Wider, George J., assignor.)
- Dreher, Elmer H., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Paper feeding device. 2,059,214; Nov. 3.
- Dreher, Elmer H., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Paper feed mechanism. 2,059,215; Nov. 3.
- Dreher, Elmer H., Norwood, Ohio, assignor, by mesne assignments, to Remington Rand Inc., New York, N. Y. Calculating machine. 2,048,541; July 21.
- Dreher, Stanley C., Cincinnati, Ohio. Revolving door. 2,029,914; Feb. 4.
- Dreiffen, Henry A., Chicago, Ill. Combustion apparatus. 2,046,371; July 7.
- Dreifus, Ernest L., Sacramento, Calif. Dry concentrator. 2,044,775; June 23.
- Dremel, Albert J., Racine, Wis. Razor blade sharpener. 2,039,150; Apr. 28.
- Drenkard, Adam, Jr. (See McGuinness, W. V., Chulstrom and Drenkard.)
- Drennan, Harry E., assignor to Phillips Petroleum Company, Bartlesville, Okla. Treating alkali wash liquors. 2,048,784; July 28.
- Drenning, Percy R., assignor to T. H. Symington & Son, Inc., Baltimore, Md. Truck bolster. 2,036,859; Apr. 7.
- Drenning, Percy R., S. F. Ashley, and H. T. Casey, assignors to T. H. Symington & Son, Inc., Baltimore, Md. Three-part truck. 2,036,858; Apr. 7.
- Dresback, David D., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Fluid pressure regulator. 2,059,855; Nov. 3.
- Dressel, Henry M., assignor to Oak Manufacturing Company, Chicago, Ill. Electrical apparatus. 2,026,772; Jan. 7.
- Dressel, Henry M., Chicago, and K. C. Allison, Arlington Heights, assignors to Oak Manufacturing Company, Chicago, Ill. Electrical switch. 2,026,773; Jan. 7.
- Dressel, Henry M., Oak Park, assignor to Oak Manufacturing Company, Chicago, Ill. Vibrator. 2,053,326; Sept. 8.
- Dresser, George L., Albany, N. Y. Metallic flooring. 2,050,935; Aug. 11.
- Dresser, S. R., Manufacturing Company. (See Gavlin, Beauford E., assignor.)
- Dresser, S. R., Manufacturing Company. (See Norton, Charles E., assignor.)
- Dressler, William, Newark, N. J. Tooth brush. 2,051,687; Aug. 18.
- Dreusicke, Wilhelm, & Co. G. m. b. H. (See Fischer, Otto, assignor.)
- Dreux, Alexander H., and J. N. Royal, Buffalo, N. Y., assignors to F. N. Burt Company, Limited, Toronto, Ontario, Canada. Paper box. 2,036,928; Apr. 7.
- Dreux, Alexander H., Orchard Park, and J. N. Royal, Buffalo, N. Y., assignors to F. N. Burt Company Limited, Toronto, Ontario, Canada. Paper box. 2,057,293; Oct. 13.
- Dreux, Alexander J., Pittsburgh, Pa. Shipping container. 2,055,968; Sept. 29.
- Drew, Harold, Luton, England, assignor to General Motors Corporation, Detroit, Mich. Windshield wiper. 2,046,108; June 30.
- Drew, Ralph L., assignor to Plymouth Cordage Company, North Plymouth, Mass. Combined displaying and dispensing device for linear articles. 2,038,781; Apr. 28.
- Drewsen, Pierre, Sandusky, Ohio, assignor to The Barrett Company, Felt and making same. 2,029,310; Feb. 4.
- Drewsen, Pierre, assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Preventing slime growth in paper making processes. 2,046,614; July 7.



- Drexler, Charles, Indianapolis, Ind., assignor, by mesne assignments, to W. C. Starkey, R. S. Pruitt, and W. H. Beal, trustees. Clutch spring. 2,055,068; Sept. 22.
- Dreyer, Charles B., assignor of one-half to H. F. Boeger, Los Angeles, Calif. Motion picture film and method of photography. 2,028,275; Jan. 21.
- Dreyer, Charles B., assignor of one-half to H. F. Boeger, Los Angeles, Calif. Producing combined sound and picture films. 2,055,215; Sept. 22.
- Dreyer, Charles B., assignor to H. F. Boeger, Los Angeles, Calif. Composite photography. 2,056,508; Oct. 6.
- Dreyer, Clifford C. (See Kottlowski, C. P., and Dreyer.)
- Dreyer, John F., Jr., Brooklyn, N. Y., and R. T. Orth, Maplewood, N. J., assignors to Radio Corporation of America. Cathode ray tube noise gate system. 2,034,565; Mar. 17.
- Dreyer, John F., Cincinnati, Ohio, assignor to The Formica Insulation Company. Flexible veneer and making same. 2,062,088; Nov. 24.
- Dreyer, John W. (See Hankins, Oscar R., assignor.)
- Dreyer, Karl, Weehawken, N. J., assignor to Radio Corporation of America. Mount for electron discharge devices. 2,065,667; Dec. 29.
- Dreyer, Ulrich. (See Lange, W., and Dreyer.)
- Dreyfus, Camille, New York, N. Y. Yarn and fabric of mixed textile materials. 2,046,615; July 7.
- Dreyfus, Camille, New York, N. Y. Spun yarn containing organic derivatives of cellulose and producing same. 2,046,616; July 7.
- Dreyfus, Camille, New York, N. Y. Spun yarn, fabric made therefrom, and producing same. 2,046,617; July 7.
- Dreyfus, Camille, New York, N. Y. Process of coating. 2,057,671; Oct. 20.
- Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Treating cellulose esters of organic acids. 2,028,761; Jan. 28.
- Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Reducing the viscosity of cellulose esters of organic acids. 2,028,762; Jan. 28.
- Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Treating organic esters of cellulose. 2,028,763; Jan. 28.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Treatment of textile materials. 2,035,740; Mar. 31.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Producing artificial filaments. 2,036,860; Apr. 7.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Spinning of artificial filaments. 2,036,861; Apr. 7.
- Dreyfus, Camille, New York, N. Y., and H. Platt, Cumberland, Md., assignors to Celanese Corporation of America. Textile process and product. 2,036,862; Apr. 7.
- Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignor to Celanese Corporation of America. Making organic esters of cellulose. 2,044,776; June 23.
- Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Textile product and making the same. 2,048,248; July 21.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Making synthetic straw. 2,050,286; Aug. 11.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Textile yarns and materials. 2,053,270; Sept. 8.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Preparing artificial filaments. 2,060,047; Nov. 10.
- Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Making products comprising derivatives of cellulose. 2,062,402; Dec. 1.
- Dreyfus, Camille, New York, N. Y., and H. Platt, Cumberland, Md., assignors to Celanese Corporation of America. Delustering fabric. 2,063,907; Dec. 15.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Spinning of artificial filaments. 2,065,517; Dec. 29.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Making yarns, filaments, and the like and product thereof. 2,065,518; Dec. 29.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Spinning of artificial filaments. 2,065,519; Dec. 29.
- Dreyfus, Camille, New York, N. Y., and G. R. Blake, Cumberland, Md., assignors to Celanese Corporation of America. Treatment of yarn. 2,065,996; Dec. 29.
- Dreyfus, Henry, London, England. Manufacture of artificial filaments or threads. 2,026,730; Jan. 7.
- Dreyfus, Henry, London, England. Production of unsaturated hydrocarbons from paraffins. 2,026,731; Jan. 7.
- Dreyfus, Henry, London, England. Production of artificial threads, filaments, ribbons, and the like. 2,027,419; Jan. 14.
- Dreyfus, Henry, London, England. Removing water from vaporous mixtures containing aliphatic anhydrides. 2,027,420; Jan. 14.
- Dreyfus, Henry, London, England. Synthesis of formic acid. 2,028,764; Jan. 28.
- Dreyfus, Henry, London, England. Synthesis of formic acid. 2,028,765; Jan. 28.
- Dreyfus, Henry, London, England. Apparatus for the production of artificial filaments and like materials. 2,030,972; Feb. 18.
- Dreyfus, Henry, London, England. Manufacture and treatment of materials. 2,031,594; Feb. 25.
- Dreyfus, Henry, London, England. Manufacture of artificial ribbons, straw, and the like. 2,031,636; Feb. 25.
- Dreyfus, Henry, London, England. Azeotropic dehydration of aqueous mixtures of lower aliphatic acids and anhydrides. 2,031,637; Feb. 25.
- Dreyfus, Henry, London, England. Manufacture of artificial filaments, threads, and the like. 2,032,565; Mar. 3.
- Dreyfus, Henry, London, England. Manufacture of cellulose derivatives. 2,033,126; Mar. 10.
- Dreyfus, Henry, London, England. Manufacture of cellulose derivatives. 2,033,820; Mar. 10.
- Dreyfus, Henry, London, England. Treatment of textile or other materials. 2,033,976; Mar. 17.
- Dreyfus, Henry, London, England. Treatment of filaments, fabrics, and the like. 2,033,977; Mar. 17.
- Dreyfus, Henry, London, England. Concentration of lower aliphatic acids. 2,033,978; Mar. 17.
- Dreyfus, Henry, London, England. Manufacture of yarns. 2,033,979; Mar. 17.
- Dreyfus, Henry, London, England. Manufacture and treatment of artificial products of cellulose derivatives. 2,034,713; Mar. 24.
- Dreyfus, Henry, London, England. Manufacture of lower aliphatic anhydride. 2,034,714; Mar. 24.
- Dreyfus, Henry, London, England. Apparatus for performing chemical reactions. 2,034,715; Mar. 24.
- Dreyfus, Henry, London, England. Production of sheet materials. 2,034,716; Mar. 24.
- Dreyfus, Henry, London, England. Manufacture of artificial filaments and the like. 2,035,464; Mar. 31.
- Dreyfus, Henry, London, England. Cellulose derivative composition. 2,037,010; Apr. 14.
- Dreyfus, Henry, London, England. Manufacture or treatment of products or articles having a basis of cellulose derivatives and of reagents therefor. 2,037,011; Apr. 14.
- Dreyfus, Henry, London, England. Production of polyvinyl compounds. 2,037,012; Apr. 14.
- Dreyfus, Henry, London, England. Manufacture or treatment of products or articles having a basis of cellulose derivatives. 2,037,013; Apr. 14.
- Dreyfus, Henry, London, England. Treatment and manufacture of textile materials. 2,038,723; Apr. 28.
- Dreyfus, Henry, London, England. Production of artificial materials. 2,039,301; May 5.
- Dreyfus, Henry, London, England. Artificial silk and other artificial products. 2,039,302; May 5.
- Dreyfus, Henry, London, England. Manufacture of artificial materials. 2,039,303; May 5.
- Dreyfus, Henry, London, England. Manufacture of acidylated aromatic amines. 2,039,304; May 5.
- Dreyfus, Henry, London, England. Manufacture of acidylated aromatic amines. 2,039,305; May 5.
- Dreyfus, Henry, London, England. Manufacture and treatment of artificial silk and the like. 2,039,306; May 5.
- Dreyfus, Henry, London, England. Manufacture of artificial filaments, threads, ribbons, films, and other artificial products. 2,039,307; May 5.
- Dreyfus, Henry, London, England. Textile operation. 2,040,925; May 19.
- Dreyfus, Henry, London, England. Concentration of aliphatic acids. 2,040,926; May 19.
- Dreyfus, Henry, London, England. Manufacture of cellulose products from wood, straw, grass, and the like. 2,041,745; May 26.
- Dreyfus, Henry, London, England. Manufacture of aliphatic anhydrides. 2,041,746; May 26.
- Dreyfus, Henry, London, England. Manufacture of aliphatic anhydrides. 2,041,747; May 26.
- Dreyfus, Henry, London, England. Production or treatment of artificial materials. 2,042,702; June 2.
- Dreyfus, Henry, London, England. Manufacture of cellulose from ligno-cellulosic products. 2,042,705; June 2.
- Dreyfus, Henry, London, England. Manufacture of cellulose products. 2,045,345; June 23.
- Dreyfus, Henry, London, England. Production of threads and the like. 2,045,347; June 23.
- Dreyfus, Henry, London, England. Manufacture of films, foils, and the like containing cellulose derivatives. 2,045,348; June 23.
- Dreyfus, Henry, London, England. Production of acetaldehyde. 2,045,841; June 30.
- Dreyfus, Henry, London, England. Hydration of olefines. 2,045,842; June 30.
- Dreyfus, Henry, London, England. Manufacture of oxygenated organic compounds. 2,045,843; June 30.
- Dreyfus, Henry, London, England. Treatment of cellulose derivatives. 2,047,195; July 14.



- Dreyfus, Henry, London, England. Production of artificial filaments. 2,047,313; July 14.
- Dreyfus, Henry, London, England. Lignocellulosic material. 2,047,314; July 14.
- Dreyfus, Henry, London, England. De-esterification of filaments, yarns, fabrics, and the like of cellulose esters. 2,049,430; Aug. 4.
- Dreyfus, Henry, London, England. Saponification of materials comprising saponifiable esters of cellulose. 2,049,431; Aug. 4.
- Dreyfus, Henry, London, England. Producing lower aliphatic acid anhydrides. 2,050,287; Aug. 11.
- Dreyfus, Henry, London, England. Concentrating lower aliphatic acids. 2,050,288; Aug. 11.
- Dreyfus, Henry, London, England. Manufacture of artificial silk and like products. 2,051,831; Aug. 25.
- Dreyfus, Henry, London, England. Treatment or production of cellulose derivative materials. 2,052,557; Sept. 1.
- Dreyfus, Henry, London, England. Production and treatment of artificial materials. 2,052,558; Sept. 1.
- Dreyfus, Henry, London, England. Production of filaments, yarns, fabrics, and like materials. 2,053,766; Sept. 8.
- Dreyfus, Henry, London, England. Production of filaments, yarns, fabrics, and like materials. 2,053,767; Sept. 8.
- Dreyfus, Henry, London, England. Manufacture of cellulose derivatives. 2,053,768; Sept. 8.
- Dreyfus, Henry, London, England. Removal of volatile compounds from a fermenting medium. 2,053,769; Sept. 8.
- Dreyfus, Henry, London, England. Removal from a fermenting medium of organic compounds produced by the fermentation. 2,053,770; Sept. 8.
- Dreyfus, Henry, London, England. Manufacture of artificial threads, ribbons and like materials. 2,054,852; Sept. 22.
- Dreyfus, Henry, London, England. Manufacture of cellulose. 2,054,854; Sept. 22.
- Dreyfus, Henry, London, England. Manufacture of derivatives of cellulose and other carbohydrates. 2,055,892; Sept. 29.
- Dreyfus, Henry, London, England. Manufacture of carbohydrate compounds. 2,055,893; Sept. 29.
- Dreyfus, Henry, London, England. Manufacture of cyclic ethers. 2,056,960; Oct. 13.
- Dreyfus, Henry, London, England. Production of artificial filaments, films, and like products from viscose. 2,057,711; Oct. 20.
- Dreyfus, Henry, London, England. Production of filaments and the like. 2,057,712; Oct. 20.
- Dreyfus, Henry, London, England. Hydrolysis of organic esters. 2,058,574; Oct. 27.
- Dreyfus, Henry, London, England. Manufacture of artificial products. 2,059,322; Nov. 3.
- Dreyfus, Henry, London, England. Artificial filament manufacture and the like. 2,060,048; Nov. 10.
- Dreyfus, Henry, London, England. Treatment of fibers or like materials. 2,061,565; Nov. 24.
- Dreyfus, Henry, London, England. Manufacture of aliphatic acids, anhydrides and ketones. 2,061,615; Nov. 24.
- Dreyfus, Henry, London, England. Production of cellulose. 2,061,616; Nov. 24.
- Dreyfus, Henry, London, England. Cellulosic composition. 2,062,403; Dec. 1.
- Dreyfus, Henry, London, England. Manufacture of cyclic ethers of polyhydric alcohols. 2,062,404; Dec. 1.
- Dreyfus, Henry, London, England. Manufacture and treatment of materials. 2,062,405; Dec. 1.
- Dreyfus, Henry, London, England. Manufacture of artificial filaments, threads, yarns, ribbons, films, foils, sheets, and like materials. 2,062,406; Dec. 1.
- Dreyfus, Henry, London, England. Manufacture of chlorhydrins and their ethers. 2,063,891; Dec. 15.
- Dreyfus, Henry, London, England. Amino-carboxylic acid derivatives in wet treatments. 2,063,908; Dec. 15.
- Dreyfus, Henry, London, England. Amino carboxylic acid condensation products and making them. 2,063,987; Dec. 15.
- Dreyfus, Henry, London, England. Manufacture or treatment of products or articles made of or containing cellulose derivatives or other lacquer bases. 2,065,125; Dec. 22.
- Dreyfus, Henry, London, England. Manufacture and treatment of filaments and the like. 2,065,668; Dec. 29.
- Dreyfus, Henry, London, W. A. Dickie, and W. I. Taylor, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of textile materials. 2,038,722; Apr. 28.
- Dreyfus, Henry, London, and W. Pool, Spondon, near Derby, England, assignors to Celanese Corporation of America. Circular loom. 2,042,703; June 2.
- Dreyfus, Henry, London, and W. Pool, Spondon, near Derby, England, assignors to Celanese Corporation of America. Circular loom. 2,042,704; June 2.
- Dreyfus, Henry, London, and W. I. Taylor, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of artificial silk and other artificial products. 2,045,346; June 23.
- Dreyfus, Henry, London, and W. T. Taylor, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of artificial materials. 2,052,609; Sept. 1.
- Dreyfus, Henry, London, H. F. Oxley, and L. Fallows, Spondon, near Derby, England, assignors to Celanese Corporation of America. Making aliphatic acid anhydrides. 2,054,853; Sept. 22.
- Dreyfus, Henry, London, and W. A. Dickie, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile material. 2,058,427; Oct. 27.
- Dreyfus, Henry, London, and W. A. Dickie, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile material. 2,058,779; Oct. 27.
- Dreyfus, Henry, London, W. A. Dickie, and W. I. Taylor, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of artificial filaments, yarns, or threads. 2,065,124; Dec. 22.
- Dreyfus, Jean, Paris, France. Radio receiver. 2,044,759; June 16.
- Dreyfus, L. A., Company. (See Dyckman, Richard P., assignor.)
- Dreyfus, Ludwig, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Operating high frequency induction furnaces. 2,051,773; Aug. 18.
- Dreyfus, Morris E., assignor to Western Chemical Company, Kansas City, Mo. Compound and method for conditioning boiler, steam and condensate systems. 2,053,024; Sept. 1.
- Dreymann, Carl G., Pittsburgh, Pa., assignor to Grant Paper Box Company. Making moistureproof paperboard and the like. 2,031,035; Feb. 18.
- Dreymann, Carl G., Pittsburgh, Pa., assignor to Grant Paper Box Company. Composition of matter and its production. 2,031,036; Feb. 18.
- Drieaus, Herman W., Cicero, assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,053,467; Sept. 8.
- Driemeyer, George F., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Spud structure. 2,049,605; Aug. 4.
- Driesch, Theodore W., Schenectady, N. Y., assignor to General Electric Company. Hydraulic operating device. 2,036,797; Apr. 7.
- Driesch, Theodore W., Schenectady, N. Y., assignor to General Electric Company. Hydraulic operator. 2,036,798; Apr. 7.
- Driescher, Fritz, Rheydt, Germany. Distribution board with fuses adapted to be cut out by hand. 2,030,506; Feb. 11.
- Driess, Oscar M., assignor of one-half to H. H. Seay, Louisville, Ky. Box. 2,033,760; Mar. 10.
- Driest, Caelie, executrix. (See Driest, Charles.)
- Driest, Charles, deceased, C. Driest, executrix, assignor to F. Bishop, Marlboro, N. J. Surgical instrument. 2,049,898; Aug. 4.
- Driggers, William S., Bostwick, assignor of one-half to R. J. Hancock, Palatka, Fla. Flycatcher. 2,029,989; Feb. 4.
- Driggs, Louis L., assignor to R. W. Driggs, New Rochelle, N. Y. Gum of the mortar howitzer type. 2,030,507; Feb. 11.
- Driggs, Robert W. (See Driggs, Louis L., assignor.)
- Drilce Appliances Incorporated. (See Quinn, Clara E., assignor.)
- Driscoll, High D., Tulsa, Okla. Attaching socket for shoe cleats. 2,059,779; Nov. 3.
- Driscoll, James, Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Wear and heat resisting composition. 2,052,610; Sept. 1.
- Driscoll, James, Plainfield, and D. S. Bruce, Somerville, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Treated fabric and making the same. 2,033,928; Mar. 17.
- Driscoll, James, Plainfield, and D. S. Bruce, Somerville, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Friction element and making the same. 2,033,929; Mar. 17.
- Drissner, Alfred E. (See Simpson, C. W., and Drissner.)
- Drissner, Alfred E. (See Stratford, C. W., and Drissner.)
- Drissner, Alfred E., assignor to National Acme Company, Cleveland, Ohio. Spindle bearing for automatic machines. 2,056,774; Oct. 6.
- Drissner, Alfred E., assignor to National Acme Company, Cleveland, Ohio. Machine for machining ball and roller bearing cups and ball races. 2,056,835; Oct. 6.
- Drissner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Spindle bearing for automatic multiple spindle screw machines. 2,036,685; Apr. 7.
- Drissner, Alfred E., and R. Beacom, assignors to The National Acme Company, Cleveland, Ohio. Pick-up mechanism for multiple spindle screw machines. 2,061,417; Nov. 17.
- Driver, Arthur S., assignor to Partitions, Inc., New York, N. Y. Post for steel partitions. 2,032,922; Mar. 3.
- Driver, Arthur S., assignor to Partitions, Inc., New York, N. Y. Metal partition. 2,059,565; Nov. 3.
- Driver-Harris Company. (See Lohr, James M., assignor.)
- Driver-Harris Company. (See Mayoral, Juan B., assignor.)
- Driver, John M., San Francisco, Calif. Container. 2,037,770; Apr. 21.
- Droble, Albert W., Wayne, and G. S. Hiers, Cynwyd, assignors to Collins & Aikman Corporation, Philadelphia, Pa. Manufacture of textiles. 2,065,853; Dec. 29.
- Droege, Orville E., assignor to Industrial Patents Corporation, Chicago, Ill. Treating eggs. 2,043,372; June 9.
- Droll, Joseph W. (See Olson, Alex H., assignor.)



- Drolshagen, Peter, Chicago, Ill. Exterior wall protection for grain elevators, etc. 2,049,493; Aug. 4.
- Drown, Frank E. (See Belden, A. G., and Drown.)
- Dru, Raymond A. A., St.-Gratien, France. Reactive pencil for the determination of the pH index. 2,049,110; July 28.
- Drucker, Albert, Chicago, Ill. Comparator. 2,027,816; Jan. 14.
- Drude, Charles H., Ferndale, assignor to Chrysler Corporation, Detroit, Mich. Clutch disk. 2,058,575; Oct. 27.
- Drug Products Co. Inc., The. (See Torigian, John, assignor.)
- Druge, Daniel O. and O. C., Oakland, Calif. Air inflator mechanism. 2,039,638; May 5.
- Druge, Daniel O. and O. C., Oakland, Calif. Tire inflator and gauge. 2,040,299; May 12.
- Druge, Otto C. (See Druge, Daniel O. and O. C.)
- Drum, George E., and W. H. Jaxheimer, assignors to Smith, Drum & Company, Philadelphia, Pa. Dyeing machine. 2,041,117; May 19.
- Drum, Harry S., Abington, and W. C. Dodson, Jenkintown, assignors to Smith, Drum and Company, Philadelphia, Pa. Thread winding mechanism. 2,041,118; May 19.
- Drumheller, Charles E., Springfield, assignor to The William Carter Company, Needham Heights, Mass. Mechanism for and method of making expansible plain knitted fabric containing rubber-like strands. 2,033,095; Mar. 3.
- Drumheller, Charles E., Springfield, assignor to The William Carter Company, Needham Heights, Mass. Plain knitted fabric containing rubber-like strands. 2,033,096; Mar. 3.
- Drumheller, Charles E., Springfield, assignor to The William Carter Company, Needham Heights, Mass. Mechanism for and method of making highly elastic, plain knitted fabric containing rubber-like strands. 2,052,087; Aug. 25.
- Drumheller, Charles E., Springfield, assignor to The William Carter Company, Needham Heights, Mass. Plain knitted fabric containing rubber-like strands. 2,052,088; Aug. 25.
- Drummev, William W., Boston, Mass. Combination desk and seat. 2,041,908; May 26.
- Drummond, Arthur B. (See Barton, Armand, assignor.)
- Drummond, Arthur, Rye, N. Y. Key check and rack. 2,058,963; Oct. 27.
- Drummond, Price, Rocky River, Ohio, assignor to National Carbon Company, Inc. Closure for dry cells. 2,060,799; Nov. 17.
- Drummond, Thomas E., Oakland, Calif. Refrigerant control. 2,050,750; Aug. 11.
- Drummond, William E., River Forest, Ill. Wall construction. 2,047,014; July 7.
- Drummond, William J., Seattle, Wash. Detachable edge for plow shares. 2,047,862; July 14.
- Drumpelmann, Carlton T., Wellesley Hills, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Construction toy. 2,061,510; Nov. 17.
- Drury, Thomas W., assignor to H. A. Douglas, Bronson, Mich. System of electrical distribution. 2,040,688; May 12.
- Druyvesteyn, Mari J. (See Bol, C., de Groot, and Druyvesteyn.)
- Druyvesteyn, Mari J. (See Uytterhoeven, W., Druyvesteyn, Verburg, and Blok.)
- Dry, Louis, assignor of one-half to D. Csontos, New York, N. Y. Brush holder. 2,042,706; June 2.
- Dry, Louis, administrator. (See Dry, Veronica.)
- Dry, Veronica, deceased, by L. Dry, New York, N. Y., administrator. Bed. 2,058,428; Oct. 27.
- Dryden, James A., Shelbyville, Tenn. Attachment for mowing machines. 2,034,801; Mar. 24.
- Dryden Rubber Company. (See Reeves, George C., assignor.)
- Drying Systems Inc. (See Russell, Buford B., assignor.)
- Drypolcher, William, Valley Stream, assignor to L. Obstfeld, Brooklyn, and A. Obstfeld, Bronx, N. Y. Stapling machine. 2,033,516; Mar. 10.
- Drypolcher, William, Valley Stream, assignor to L. Obstfeld, Brooklyn, and A. I. Obstfeld, New York, N. Y. Stapling machine. 2,037,461; Apr. 14.
- Drysdale, William D., Buffalo, N. Y., assignor to W. J. Sugden, Boston, Mass. Compressor. 2,031,940; Feb. 25.
- Drysdale, William D., Mount Clemens, Mich., assignor to W. J. Sugden, Boston, Mass. Refrigerant compressor. 2,031,941; Feb. 25.
- Duael, Alexander J. (See Mickelson, A. O., and Duael.)
- Dual Parking Meter Company. (See Johns, Herman S., assignor.)
- Dual Parking Meter Company. (See Magee, Carl C., assignor.)
- Duart Manufacturing Co. Ltd. (See Keele, Ralph M., assignor.)
- Dubbs, Carbon P., Wilmette, assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,056,775; Oct. 6.
- Dubbs, Carbon P., Wilmette, assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,059,625; Nov. 3.
- Dubbs, Leland A., Los Angeles, Calif. Treating convertible substance. 2,051,471; Aug. 18.
- Dube, John E., Chicago, Ill. Refrigerative system. 2,050,994; Aug. 11.
- Dubied, Edouard, & Cie., S. A. (See Diem, Hans, assignor.)
- Dubil, William J., Los Angeles, assignor of one-half to E. J. Hubik, South Gate, Calif. Preparing fresh meat. 2,052,221; Aug. 25.
- Dubilier Condenser Corporation. (See Dubilier, William, assignor.)
- Dubilier, William, New Rochelle, N. Y. High tension generator. 2,038,553; Apr. 28.
- Dubilier, William, New Rochelle, N. Y. High tension generator. 2,047,463; July 14.
- Dubilier, William, New Rochelle, assignor to Dubilier Condenser Corporation, New York, N. Y. Electrical condenser. 2,043,532; June 9.
- Dubin, Jack, New York, N. Y. Hat. 2,051,594; Aug. 18.
- Du Bois, Alfred, Paris, France. Bag filling and weighing machine. 2,038,650; Apr. 28.
- Dubois, Charles E. F., Maisons-Laffitte, assignor to Société S. I. M. E. C. (Société Industrielle de Matériel D'Entreprise et de Construction), Paris, France. Device for cushioning the shock of ships. 2,039,151; Apr. 28.
- Du Bois, Claude W., Seattle, Wash. Fish lure. 2,045,703; June 30.
- Du Bois, David I., assignor to Whitall Tatum Company, Millville, N. J. Plastic forming apparatus. 2,052,343; Aug. 25.
- Du Bois, Horace. (See John, H., Le Febvre, and Du Bois.)
- Du Bois, Ralph N., Grosse Pointe Farms, assignor to Continental Motors Corporation, Detroit, Mich. Internal combustion engine and operating same. 2,047,993; July 21.
- Du Bois, Robert H., Jeannette, assignor to American Window Glass Company, Pittsburgh, Pa. Manufacture of laminated glass. 2,052,286; Aug. 25.
- Luoonnet, André. (See Chédru, Gustave E., assignor.)
- Dubonnet, André, Neuilly, France. Suspension device. 2,027,966; Jan. 14.
- Du Brie, Stanley R., Detroit, Mich. Switch. 2,028,196; Jan. 21.
- Du Brul, Clarence J., and W. J. Luttmann, assignors to The Miller, Du Brul & Peters Mfg. Co., Cincinnati, Ohio. Machine for assorting round and cylindrical articles. 2,065,888; Dec. 29.
- Dubuit, Louis G., Paris, France. Automatic multicolor printing machine. 2,058,671; Oct. 27.
- Dubus, Peter A., New Orleans, La. Recovering waste flour and dough. 2,062,215; Nov. 24.
- Duby, John F., Boston, Mass. Plumb gauge. 2,029,364; Feb. 4.
- Duby, John F., Boston, Mass. Wheel aligning device. 2,058,066; Oct. 20.
- Ducart, Guillaume, Paris, France. Hood for drying hair. 2,042,592; June 2.
- Duccini, Gaetano, and P. R. Careddio, San Francisco, Calif. Apparatus for producing vitreous or metallic surfaces. 2,058,218; Oct. 20.
- Ducey, Roger H., Belmont, Mass., assignor to J. D. Knight, Reading, Mass. Universal tool for gauging and measuring. 2,042,213; May 26.
- Du Chaffaut, Roger, Douai, assignor to l'Air Liquide, Société Anonyme pour l'Etude & l'Exploitation des Procédés Georges Claude, Paris, France. Process and apparatus for carrying out chemical reactions, in particular catalytic reactions. 2,032,652; Mar. 3.
- Ducker, Louis F., Mariemont, assignor to C. H. C. Van Pelt and R. A. Kaps, Cincinnati, Ohio, and L. F. Ducker, as trustees. Liquid expresser. 2,064,787; Dec. 15.
- Duckwall, Frank E. (See Hurst, A. D., and Duckwall.)
- Duda, Oswald, Corsicana, Tex. Balanced throttle valve. 2,057,886; Oct. 20.
- Dudleston, William G., Chicago Heights, Ill., assignor to The Patent and Licensing Corporation, Boston, Mass. Building material. 2,032,083; Feb. 25.
- Dudley, James F. (See Winning, C., Sargent, and Dudley.)
- Dudley Lock Corporation. (See Bell, Dillwyn M., assignor.)
- Dudley Lock Corporation. (See Full, G. D., and Muntner, assignors.)
- Dudley Lock Corporation. (See Molinare, Anthony W., assignor.)
- Dudley Lock Corporation. (See Svoboda, John F., assignor.)
- Dudley, Oscar E., Houston, Tex., assignor to The Texas Company, New York, N. Y. Vibration detector. 2,038,101; Apr. 21.
- Dudley, Rufus E. (See Kenney, E. F., Gerhardt, and Dudley.)
- Dudley, William R., Rockford, Ill. Servicing device. 2,039,684; May 5.
- Dudley, Wray, Mount Lebanon, Pa., assignor to National Tube Company. Method and apparatus for coating pipes and tubes. 2,040,767; May 12.
- Dueball, Emil. (See Senkel, R., and Dueball.)
- Duecker, Werner W., Pittsburgh, Pa., assignor to Texas Gulf Sulphur Company. Treatment of sulphur. 2,039,070; Apr. 28.
- Duecker, Werner W., and C. R. Payne, Pittsburgh, Pa., assignors to Texas Gulf Sulphur Company. Plastic body. 2,046,871; July 7.
- Duecker, Werner W., and C. R. Payne, Pittsburgh, Pa., assignors to Texas Gulf Sulphur Company. Elastic body for coating metal and other uses. 2,056,836; Oct. 6.
- Duecker, Werner W., and C. R. Payne, Pittsburgh, Pa., assignors to Texas Gulf Sulphur Company. Refining olefine sulphide. 2,056,837; Oct. 6.



- Dueringer, Walter E., Cleveland, Ohio, assignor to Bailey Meter Company. Indicating and positioning system. 2,046,676; July 7.
- Dueringer, Walter E., Cleveland, Ohio, assignor to Bailey Meter Company. Power amplifying and positioning apparatus. 2,047,727; July 14.
- Diesel, Bernard F. (See Renshaw, R. R., Tisza, and Duesel.)
- Duevel, Charles O., Jr. (See Payson, A. E., and A. H., and Duevel.)
- Dufaycolor Limited. (See Baker, Thomas T., assignor.)
- Dufaycolor Limited. (See Chapman, Walter, assignor.)
- Dufaycolor Limited. (See Chapman, W., and Baker, assignors.)
- Duff, John, Glasgow, Scotland. Tubular scaffolding. 2,057,329; Oct. 13.
- Duff, William A. (See Hill, Robert, assignor.)
- Duffaud, Suzanne A., Paris, France. Suction and force pump. 2,040,433; May 12.
- Duffendack, Ora S. (See Randolph, D. W., Duffendack, and Wolfe.)
- Duffie, John J. (See Daniel, Robert S., assignor.)
- Duffing, Paul, Berlin-Halensee, Germany, assignor to Westinghouse Electric & Manufacturing Company. Power switch. 2,039,071; Apr. 28.
- Duffing, Paul, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,061,301; Nov. 17.
- Duffy, Charles G., Brooklyn, N. Y., assignor to Sealed Joint Products Co. Inc. Wall construction. 2,052,755; Sept. 1.
- Duffy, James F., assignor to Duffy Manufacturing Company, Holland, Mich. Inspection cover. 2,061,145; Nov. 17.
- Duffy Manufacturing Company. (See Duffy, James F., assignor.)
- Duffy Mott Company. (See Meinhold, Harry E., assignor.)
- Duffy Silk Company, The. (See Hemmerich, Paul, assignor.)
- Duffy, Terence A., Philadelphia, Pa. Automobile exhaust muffler. 2,044,839; June 23.
- Dufour, Léon, Versoix, Switzerland. Agricultural tractor. 2,035,150; Mar. 24.
- Dufour, Léon, Versoix, Switzerland. Agricultural tractor. 2,058,964; Oct. 27.
- Duganne, Charles G., Washington, D. C. Golf course marker. 2,041,119; May 19.
- Dugdale, Richard M., Dedham, assignor to Farrington Manufacturing Company, Boston, Mass. Printing device. 2,039,072; Apr. 28.
- Dugdale, Richard M., Dedham, assignor to Farrington Manufacturing Company, Boston, Mass. Eyeglass case. 2,043,431; June 9.
- Dugelay, Paul, assignor to Société d'Exploitation de Brevets pour l'Industrie l'Aviation et l'Automobile (Sebina), Paris, France. Valve for high speed compressors. 2,065,062; Dec. 22.
- Dugied, Eugene A. (See Sutter, C., and Dugied.)
- Du Grenier, Francis C., Haverhill, Mass. Coin testing mechanism. 2,033,930; Mar. 17.
- Du Grenier, Francis C., assignor of one-half to B. E. Bouchard, Haverhill, Mass. Coin controlled mechanism. 2,037,462; Apr. 14.
- Du Grenier, Francis C., assignor of one-half to B. E. Bouchard, Haverhill, Mass. Coin controlled dispenser. 2,037,463; Apr. 14.
- DuGrenier, Francis C., assignor of one-half to B. E. Bouchard, Haverhill, Mass. Coin controlled mechanism. 2,040,983; May 19.
- Du Grenier, Francis C., assignor of one-half to B. E. Bouchard, Haverhill, Mass. Coin-controlled apparatus. 2,052,611; Sept. 1.
- Du Grenier, Francis C., assignor of one-half to B. E. Bouchard, Haverhill, Mass. Book match dispenser. 2,057,770; Oct. 20.
- Duguid, James M., Springfield, N. J., and J. H. Sole, Brooklyn, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control circuit. 2,031,942; Feb. 25.
- Duhain, Ernest, Croix, France, assignor to International Harvester Company. Rake bar and tooth mounting. 2,040,689; May 12.
- Duhring, Edwin L. (See Brizzolara, A. A., Duhring, and Erskine.)
- Duinker, Daniel M. (See Mulder, J. G. W., and Duinker.)
- Duinker, Daniel M. (See Oosterhuis, E., Mulder, and Duinker.)
- Duke, Harry, Salem, Mass. Sewing machine. 2,033,693; Mar. 10.
- Dukes, Oscar W., Brooklyn, N. Y. Portable oven. 2,057,373; Oct. 13.
- Duling, John M., Seattle, Wash. Timed radio switching device. 2,057,294; Oct. 13.
- Dulken, Charles F., Arlington, N. J. Process and apparatus for conditioning yarn. 2,058,576; Oct. 27.
- Duke, William V., Philadelphia, Pa., assignor to Baldwin Southwark Corporation. Controlling refrigerating apparatus and interchanging the functions of complementary heat exchange elements thereof. 2,033,063; Mar. 3.
- Dulany, Helen H., Chicago, Ill., assignor to Hawaiian Pineapple Company, Limited, Honolulu, Hawaii. Pineapple packing. 2,053,238; Sept. 1.
- Dulczewski, John S., Amsterdam, N. Y. Tape measure. 2,055,281; Sept. 22.
- Dulken, Charles F., Arlington, N. J. Method for the subsequent treatment of yarns. 2,036,263; Apr. 7.
- Dulken, Charles F., Arlington, N. J. Method and apparatus for treating yarn. 2,054,155; Sept. 15.
- Dull, Marshall L., Catonsville, assignor to Dull Radio Laboratories, Inc., Baltimore, Md. Electric control. 2,030,573; Feb. 11.
- Dull, Marshall L., Catonsville, assignor to Dull Radio Laboratories, Inc., Baltimore, Md. Electrical reproducer. 2,030,574; Feb. 11.
- Dull, Raymon W., Chicago, Ill., and E. Goertz, Indianapolis, Ind., assignors to Link-Belt Company, Chicago, Ill. Four-point contact chain. 2,056,602; Oct. 6.
- Dull Radio Laboratories, Inc. (See Dull, Marshall L., assignor.)
- Dullinger, James H., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Spot varnishing roll. 2,053,604; Sept. 8.
- Dultgen, Arthur, Queens Village, N. Y. Gravure printing process. 2,040,247; May 12.
- Dumas, Charles. (See Wallace, J. E., and Dumas.)
- Dumas, David, Bakersfield, Calif. Clean-out device. 2,048,852; July 28.
- Dumas, Eugene J., Salem, assignor, by mesne assignments, of one-half to D. W. Benham, Middleton, and one-half to L. Siegel, Lynn, Mass., doing business as North Shore Last Co. Hinged last. 2,041,400; May 19.
- Dumble Clifford R. (See Fitger, A. K., and Dumble.)
- Dumble, William H., East Bakersfield, assignor to Ugo Antongiovanni, Bakersfield, Calif. Automatic variable speed transmission. 2,026,777; Jan. 7.
- Dumble, William H., Bakersfield, assignor of one-half to S. J. Checchi, Bakersfield, Calif. Fishing tool. 2,026,778; Jan. 7.
- Dumke, Willy, assignor to Utah Radio Products Company, Chicago, Ill. Electrical resistance device. 2,031,211; Feb. 18.
- Du Mond, Jesse W. M., Pasadena, Calif. Stereofluoroscopic apparatus. 2,063,989; Dec. 15.
- Dumont, Eugene S., Tottenham, London, England, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Guard for presses and like machine tools. 2,051,245; Aug. 18.
- Dumont, Frank L., Upper Montclair, N. J. Stoking grate. 2,042,170; May 26.
- Dun, Michael K., Forest Hills, New York. Shoe reshaping device. 2,028,321; Jan. 21.
- Dunagan, Walter M., Ames, Iowa. Masonry unit. 2,044,382; June 16.
- Dunbar, Charles, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Stripping-dyed textiles. 2,052,612; Sept. 1.
- Dunbar, D. E. (See Carroll, Terry O., assignor.)
- Dunbar, Ernest W., Hudson, assignor to Cambridge Rubber Company, Cambridge, Mass. Footwear and method of making. 2,034,091; Mar. 17.
- Dunbar, Ernest W., Hudson, assignor to Cambridge Rubber Co., Cambridge, Mass. Snapless overshoe. 2,039,476; May 5.
- Dunbar, Ernest W., Hudson, assignor to Cambridge Rubber Co., Cambridge, Mass. Fur trimmed article and making same. 2,051,291; Aug. 18.
- Dunbar, Harry J., Jr., Wilmington, Del. Electric light socket. 2,053,899; Sept. 8.
- Dunbar, Robert C., Wagoner, Okla. Display rack. 2,047,097; July 7.
- Dunbar, Thomas L., assignor to Chemipulp Process, Incorporated, Watertown, N. Y. Method and apparatus for the treatment of fibrous material. 2,038,925; Apr. 28.
- Dunbar, Thomas L., assignor to Chemipulp Process Inc., Watertown, N. Y. Digesting process and apparatus. 2,041,597; May 19.
- Dunham, C. A., Company. (See Dunham, C. A., and Crosthwait, assignors.)
- Dunham, C. A., Company. (See Powell, Ellis G., assignor.)
- Duncan, David C., Duluth, Minn., assignor to American Carbolite Company, Inc. Burner for acetylene floodlights. 2,037,680; Apr. 14.
- Duncan, Edward C. (See Meyer, E. M., and Duncan.)
- Duncan Electric Mfg. Co. (See Emens, Albert L., assignor.)
- Duncan Electric Mfg. Co. (See Green, S. S., and Holmes, assignors.)
- Duncan Electric Mfg. Co. (See Holmes, Frederick, assignor.)
- Duncan, Lee O., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Garment holding rack. 2,043,036; June 2.
- Duncan, Pat, Gladewater, Tex. Fuel oil burner. 2,043,471; June 9.
- Duncan, Robert, Washington, D. C., and L. F. Wilkinson, Garrett Park, Md., assignors to Government of the United States, represented by the Secretary of Commerce. Ribbon shift mechanism for tabulating machines. 2,041,637; May 19.
- Duncan, Robert, Washington, D. C., and L. F. Wilkinson, Garrett Park, Md., assignors to the Government of the United States, represented by the Secretary of Commerce. Perforated record controlled tabulating machine. 2,056,841; Oct. 6.



- Duncan, Robert, Washington, D. C., and L. F. Wilkinson, Garrett Park, Md., assignors to the Government of the United States, represented by the Secretary of Commerce. Printing mechanism for tabulating machines. 2,059,216; Nov. 3.
- Duncanson, Robert J. A., Ilion, N. Y. Gun. 2,037,313; Apr. 14.
- Dun Deer Sandals, Inc. (See De Witt, W. J., and Beers, assignors.)
- Dunford, Ernest, assignor to Landis Machine Company, St. Louis, Mo. Pulley belt control device. 2,047,362; July 14.
- Dungan, Allan L., executor. (See Dungan, Elmer E.)
- Dungan, Elmer E., deceased, A. L. Dungan, executor, Fort Washington, Pa. Weather vane. 2,061,189; Nov. 17.
- Dunham, Aubra R. (See Dunham, Clayton A., and A. R.)
- Dunham, C. A., Company. (See Powell, Ellis G., assignor.)
- Dunham, Clayton A. and A. R., Glencoe, assignors to Experimental Laboratories Incorporated, Chicago, Ill. Heating. 2,046,813; July 7.
- Dunham, Clayton A. and A. R., Glencoe, assignors to Experimental Laboratories Incorporated, Chicago, Ill. Heating. 2,047,015; July 7.
- Dunham, Clayton A., Glencoe, Ill., and D. N. Crosthwait, assignors to C. A. Dunham Company, Marshalltown, Iowa. Heating. 2,064,197; Dec. 15.
- Dunham Company, The. (See Dunham, Ray E., assignor.)
- Dunham, George W., Westport, Conn., assignor to General Electric Company. Washing machine. 2,047,822; July 14.
- Dunham, Irvie H., Racine, Wis., assignor to Electric Motor Corporation. Brush assembly. 2,032,084; Feb. 25.
- Dunham, John R., Highland Park, assignor to John Waldron Corporation, New Brunswick, N. J. Friction winding core. 2,034,862; Mar. 24.
- Dunham, Julius C., Pensacola, Fla. Automatic lock for steering devices. 2,049,111; July 28.
- Dunham, Le Roy S. (See Smith, H. G., Jr., and Dunham.)
- Dunham, Le Roy S., East Orange, assignor to Edison-Splitdorf Corporation, West Orange, N. J. Cam lubricating means. 2,041,053; May 19.
- Dunham, LeRoy S., East Orange, assignor to Edison-Splitdorf Corporation, West Orange, N. J. Magneto-electric generator. 2,048,375; July 21.
- Dunham, Le Roy S., East Orange, and H. G. Smith, Jr., Union, assignors to Edison-Splitdorf Corporation, West Orange, N. J. Construction for magneto electric generators. 2,063,083; Dec. 8.
- Dunham, Ray E., assignor to The Dunham Company, Berea, Ohio. Tillage combine. 2,037,621; Apr. 14.
- Dunin-Markiewicz, Stanislaw Sudlitz, and T. Smisiewicz, assignors to Panstwowa Wytownia Prochu, Pionki, Zagodzdon, Poland. Safety device for gas conduits. 2,044,537; June 16.
- Dunlap, Charles K., assignor to Sonoco Products Company, Hartsville, S. C. Bobbin. 2,049,558; Aug. 4.
- Dunlap, Clarence E., Sioux City, Iowa. Machine for applying tire patches. 2,048,542; July 21.
- Dunlap Corporation. (See Reiland, Peter M. and E. S., assignor.)
- Dunlap, Harry A., Indianapolis, Ind. Floating watch movement. 2,044,752; June 16.
- Dunlap, John A., assignor to forty-nine per cent to C. R. Lilly, Moberly, Mo. Animal catcher. 2,060,366; Nov. 10.
- Dunlap, Solon T., and C. H. Stratton, Oklahoma City, Okla. Marine craft. 2,066,101; Dec. 29.
- Dunlap, William J., Long Beach, Calif. Wall washing bailer. 2,050,289; Aug. 11.
- Dunlea, Dorothea, administratrix. (See Dunlea, John M.)
- Dunlea, John M., deceased, late of Los Angeles, D. Dunlea, administratrix, Los Angeles, Calif. Inclinator. 2,033,127; Mar. 10.
- Dunlop, James, Park Ridge, assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Moving stairway. 2,030,103; Feb. 11.
- Dunlop, James, Park Ridge, assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Chain gear. 2,044,158; June 16.
- Dunlop, James, Park Ridge, assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Moving stairway. 2,060,491; Nov. 10.
- Dunlop Rubber Company. (See Mazon, Jean B. A., assignor.)
- Dunlop Rubber Company. (See Trobridge, G. W., Murphy, assignors.)
- Dunlop Rubber Company. (See Willshaw, H., Twiss, Goodhall, and Jones, assignors.)
- Dunlop Rubber Company Limited. (See Brazier, S. A., Hampson, and Langstretth, assignors.)
- Dunlop Rubber Company Limited. (See Goodyear, E. F., Wright, and Trevasakis, assignors.)
- Dunlop Rubber Company Limited. (See Hack, George L., assignor.)
- Dunlop Rubber Company Limited. (See Livings, George, and King, assignors.)
- Dunlop Rubber Company Limited. (See Madge, E. W., Murphy, and Payne, assignors.)
- Dunlop Rubber Co. Ltd. (See Murphy, Edward A., assignor.)
- Dunlop Rubber Company Limited. (See Murphy, E. A., Twiss, and James, assignors.)
- Dunlop Rubber Company Limited. (See Twiss, D. F., and McCowan, assignors.)
- Dunlop Rubber Company Limited. (See Willshaw, H., and Brentnall, assignors.)
- Dunlop Tire & Rubber Corporation. (See Church, Franklin O., assignor.)
- Dunlop Tire and Rubber Corporation. (See King, Frank G. W., assignor.)
- Dunlop Tire and Rubber Corporation. (See Lacey, B. W. D., and Clarke, assignors.)
- Dunlop Tire and Rubber Corporation. (See Madge, E. W., Jones and Parkinson, assignors.)
- Dunlop Tire and Rubber Corporation. (See Nash, Robert J., assignor.)
- Dunlop Tire & Rubber Corporation. (See Twiss, D. F. and Neale, assignors.)
- Dunlop Tire and Rubber Corporation. (See Willshaw H., Smith, and Davenport, assignors.)
- Dunn, Allen I., assignor to Cedar Rapids Engineering Company, Cedar Rapids, Iowa. Chuck. 2,040,601; May 12.
- Dunn, Carl L., assignor to The Trion Company, Trion, Ga. Finger construction for gloves. 2,054,559; Sept. 15.
- Dunn, Earl E., et al. (See Jameson, Charles E., assignor.)
- Dunn, Edward L., East Orange, N. J., assignor to Otis Elevator Company, New York, N. Y. Elevator system. 2,032,475; Mar. 3.
- Dunn, Frank B., Conneaut, Ohio. Brick. 2,029,814; Feb. 4.
- Dunn, George B., Miami, Fla. Register. 2,045,221; June 23.
- Dunn, George E. (See Ketcham, F., and Dunn.)
- Dunn, George E., Dearborn, Mich. Constant velocity universal joint. 2,051,248; Aug. 18.
- Dunn, Irwin L., Tulsa, Okla. Automatic power control mechanism. 2,052,389; Aug. 25.
- Dunn, Irwin L., assignor to Dunn & Lewis, Tulsa, Okla. Rod line connector control. 2,062,258; Nov. 24.
- Dunn, James C. (See Wyatt, F., and Dunn.)
- Dunn, John C., Port Jervis, and M. Klein, Brooklyn, assignors to Gillinder Brothers, Inc., Port Jervis, N. Y. Luminair. 2,043,193; June 2.
- Dunn & Lewis. (See Crooks, H. S., and Highfield, assignors.)
- Dunn & Lewis. (See Dunn, Irwin L., assignor.)
- Dunn & Lewis. (See Lewis, James O., assignor.)
- Dunn, William E., Wilmette, Ill., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Operation of storage batteries. 2,032,529; Mar. 3.
- Dunn, William G., Clarinda, Iowa. Wind driven generator structure. 2,026,828; Jan. 7.
- Dunn, William G., Clarinda, Iowa. Wind wheel generator. 2,048,732; July 28.
- Dunn, William G., Clarinda, Iowa. Wind driven generator structure. 2,052,816; Sept. 1.
- Dunn, William T., assignor to Chrysler Corporation, Detroit, Mich. Power transmitting device. 2,061,997; Nov. 24.
- Dunne, John J., and N. H. McCleary, Chicago, Ill. Rotary mixer. 2,046,109; June 30.
- Dünnebie, Max. (See Winkler, A., and Dünnebie.)
- Dunning, Orville M., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonographic recorder. 2,028,197; Jan. 21.
- Dunsheath, Percy, Kent, assignor to W. T. Henley's Telegraph Works Company Limited, London, England. Apparatus for the extrusion of metal. 2,051,688; Aug. 18.
- Dunsheath, Percy, Kent, assignor to W. T. Henley's Telegraph Works Company Limited, London, England. Electric cable. 2,052,922; Sept. 1.
- Dunsheath, Percy, Kent, assignor to W. T. Henley's Telegraph Works Company Limited, London, England. Electric cable. 2,052,923; Sept. 1.
- Dunsheath, Percy, Kent, assignor to W. T. Henley's Telegraph Works Company Limited, London, England. Electric cable. 2,057,562; Oct. 13.
- Dunston, William H. (See Luse, Harry B., assignor.)
- Dunton, Clifford N. (See Armstrong, H., and Dunton.)
- Dunzweiler, Carl J., assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery grid. 2,046,775; July 7.
- Dunzweiler, Carl J., Cleveland, and A. C. Zachlin, South Euclid, assignors to Willard Storage Battery Company, Cleveland, Ohio. Storage battery. 2,042,515; June 2.
- Dunzweiler, Carl J., Cleveland, and A. C. Zachlin, South Euclid, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery. 2,049,200; July 28.
- Dunzweiler, Carl J., Cleveland, and R. M. Raney, Euclid, assignors to Willard Storage Battery Company, Cleveland, Ohio. Invertible storage battery. 2,049,201; July 28.
- Duplicate Corporation. (See Balz, Emil H., assignor.)
- Duplicate Corporation. (See Haux, Elmer H., assignor.)
- Duplicate Corporation. (See Kameron, J. W., and Whitmire.)
- Duplicate Corporation. (See Lytle, W. O., and Fusca, assignors.)
- Duplicate Corporation. (See Sherts, James H., assignor.)
- Duplicate Corporation. (See Wright, Thomas G., assignor.)
- Dupler, Raymond R., Toledo, Ohio. Globe mounting. 2,027,156; Jan. 7.
- Duplex Printing Press Company, The. (See Bachmann, Michael G., assignor.)
- Duplex Tool Co. (See Berman, Louis C., assignor.)
- Du Pont Cellophane Company. (See Charch, W. H., and Coleman, assignors.)



- Du Pont Cellophane Company. (See Charch, W. H., and Hershberger, assignors.)
- Du Pont Cellophane Company. (See Charch, W. H., Hyden, and Siemann, assignors.)
- Du Pont Cellophane Company. (See Charch, W. H., and Underwood, assignors.)
- Du Pont Cellophane Company. (See Edwards, David H., assignor.)
- Du Pont Cellophane Company. (See Haskins, J. F., and Underwood, assignors.)
- Du Pont Cellophane Company. (See Siemann, John C., assignor.)
- Du Pont Cellophane Company. (See Snyder, James E., assignor.)
- Du Pont Cellophane Company. (See Snyder, J. E., and Finzel, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Acken, Marshall F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Adams, R., Eatough, and Marvel, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Adamson, William A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Allemann, Otto, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Alt, C. A., Nollau, and Rankin, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Alvarado, Alfonso M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Alvarado, A. M., and Barrett, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Alvarado, A. M., Flint, and Hubbuch, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Amend, William J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Amick, M. G., Lawrence, and Stecher, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Anderson, Harold W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Arnold, Herrick R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Arnold, H. R., and Lazier, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Arvin, James A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Atkins, Stuart A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Austin, P. R., and Bousquet, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Babcock, Dale F., assignor.)
- Du Pont, E. I., de Nemours & Co. (See Bacon, Nicholas, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Bake, Louis S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Bake, L. S., and Parmelee, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Baker, Samuel G., Jr., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Barrett, Harold J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Barrett, H. J., and Izard, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Barrett, H. J., and Lazier, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Beard, Earl E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Beard, E. E., and Rintelman, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Beekley, John S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Berliner, Julius F. T., assignor.)
- Du Pont, E. I., de Nemours and Company. (See Bird, Elmer G., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Black, Crayton K., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Bolton, Elmer K., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Bond, H. A., and Scott, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Booge, James E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Bousquet, Euclid W., assignor.)
- Du Pont, E. I., de Nemours and Company. (See Brizzolara, A. A., Duhring, and Erksine, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Brooks, Clarence W., Jr., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Brooks, C. W., Jr., and Johnson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Brubaker, Merlin M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Brubaker, M. M., and Thomas, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Burk, R. E., and Lankelma, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Buxbaum, Edwin C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Bake, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Benning, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Clarkson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Douglass, assignors.)
- Du Pont, E. I., de Nemours and Company. (See Calcott, W. S., Lubs, and Barnhart, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and McHarness, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Reynolds, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., Tisdale, and Flenner, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., Williams, and Dales, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Cambron, Adrien, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Carleton, Paul W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Carleton, P. W., and Mattison, assignors.)
- Du Pont, E. I., de Nemours and Company. (See Carlisle, Paul J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Carothers, Wallace H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Carothers, W. H., Collins, and Kirby, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Carpenter, Gilbert B., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Carter, A. S., and Downing, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Charch, William H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Clarksor, R. G., and Pedersen, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Coffelt, Oscar T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Cole, John E., assignor.)
- Du Pont, E. I., de Nemours and Company. (See Coolidge, Cole, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Dahlen, Miles A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., Clapp, and Jordan, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., Clarkson, and Friedrich, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., and Etzelmiller, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., Etzelmiller, and Zwilmeyer, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., and Fleck, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., and Friedrich, assignors.)
- Du Pont, E. I., de Nemours and Company. (See Dahlen, M. A., and Zwilmeyer, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Dangelmajer, Charles, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Dangelmajer, C., and Perkins, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Dettwyler, William, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Dietrich, M. A., and Marvel, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Dietz, J. B., and Oeffinger, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Downing, F. B., Bake, and Parmelee.)
- Du Pont, E. I., de Nemours & Company. (See Downing, F. B., and Clarkson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Dykstra, Harry B., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Eatough, Harry, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Edgar, Donald E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Ellsworth, Deane C., assignor.)
- Du Pont, E. I., de Nemours and Company. (See Emslie, John T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Engelmann, Max, assignor.)
- Du Pont, E. I., de Nemours & Company. (See English, Fredrick L., assignor.)
- Du Pont, E. I., de Nemours and Company. (See Eskew, Roderick K., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Etzelmiller, Robert E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Fields, Charles M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Fields, Reuben T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Flenner, Albert L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Flint, Robert B., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Fonda, J. S., and Filson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Foohey, W. L., and Peck, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Fothergill, R. E., and Haskins, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Gilbert, Harvey N., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Graham, Donald P., assignor.)



- Du Pont, E. I., de Nemours & Company. (See Graves, George D., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Graves, G. D., and Wertz, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Greenewalt, Crawford H., assignor.)
- Du Pont, E. I., de Nemours and Company. (See Hahanan, Marion L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hahn, Frederick C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hall, Carroll B., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Handforth, Stanley L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Handforth, S. L., and Kozak, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Handforth, S. L., and Tilley, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Hansley, V. L., and Scott, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Haskins, Joseph F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Havas, Emeric, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Heckert, Winfield W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hershberger, Albert, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Etzel, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Lockwood, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Zartman, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Hetherington, Harry C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hinegardner, Wilbie S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hitch, E. F., Dahlen, and Friedrich, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Holmes, F. B., Wuertz, and Lycan, assignors.)
- Du Pont, E. I., de Nemours & Co. (See Holran, John R., and Lednum, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Holt, Donald A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Holt, Harold S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hucks, Robert T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hunt, James K., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hunt, J. K., and Latham, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Hunter, Archibald S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hutton, Donald, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Izard, Emmette F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Johnson, Frank W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Johnson, N. G., and Lewis, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Jordan, Henry, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Jordan, H., and Dahlen, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Kharasch, Morris S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kirst, William E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kirst, W. E., and Woodbury, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Klein, David X., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kleinschmidt, Robert V., assignor.)
- Du Pont, E. I., de Nemours and Company. (See Krichma, Ignace J., assignor.)
- Du Pont, E. I., de Nemours and Company. (See Kubelka, P., and Srbek, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Kuettel, Glen M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Larson, Alfred T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Larson, L. L., and Schwartz, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lawrence, James C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lawson, Walter E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lazier, Wilbur A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lazier, W. A., and Vaughn, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lazier, W. A., and Wertz, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lenher, Samuel, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Levine, A. A., and Bond, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lindsley, Milton F., Jr., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Loder, D. J., and Ries, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Loder, D. J., and Walker, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lubs, Herbert A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lubs, H. A., and Cole, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lubs, H. A., and Fox, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lulek, Ralph N., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lulek, R. N., and Belcher, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lycan, William H., assignor.)
- Du Pont, E. I., de Nemours and Company. (See Macallum, Alexander D., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Macht, M. L., and Randolph, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Magill, Paul La F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Marvel, Carl S., assignor.)
- Du Pont, E. I., de Nemours and Company. (See Mathey, C. A., and Lewis, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Maurer, G., and Ford, assignors.)
- Du Pont, E. I., de Nemours & Company. (See McBurney, D., and Nollau, assignors.)
- Du Pont, E. I., de Nemours & Company. (See McGill, Russell, assignor.)
- Du Pont, E. I., de Nemours and Company. (See McKinney, R. M., and Smith, assignors.)
- Du Pont, E. I., de Nemours & Company. (See McQueen, D. M., and Merrill, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Merrill, Warner J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Meuly, Walter C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Morgan, Russell, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Muskat, Irving E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Neal, Arthur M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Nicoll, William D., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Nieuwland, J. A., and Sowa, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Nollau, Edgar H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Ott, K., Bernard and Frick, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Parrett, Arthur N., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Patterson, G. D., and Peterson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Peck, F. W., and Sachs, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Peck, F. W., and Sobatzki, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Perkins, Melvin A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Petrescu, Ovid S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Picard, R., and Fays, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Pranke, Edward J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Pray, Horace B., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Pyle, C., 3d., and Van Ness, assignors.)
- Du Pont, E. I., de Nemours and Company. (See Randolph, Alan F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Rankin, D. A., and Uhler, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Reichert, Joseph S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Reichert, J. S., and Cole, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Reichert, J. S., McAllister, and Hinegardner, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Reichert, J. S., and Sparks, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Reid, Ebenezer E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Richardson, E. C., and Vittengl, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Rigby, George W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Rittmeister, Wilhelm, assignor.)
- Du Pont, E. I., de Nemours and Company. (See Robinson, Walter S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Rodman, Ernest, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Roskosky, Stephen J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Ross, W., and Rykenboer, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Rothrock, Henry S., assignor.)



- Du Pont, E. I., de Nemours & Company. (See Sala, Charles J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Salzberg, Paul B., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Salzberg, P. L., and Meigs, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Salzberg, P. L., and Werntz, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Schade, A., and Schweitzer, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Schrauth, Walther, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Scott, Norman D., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Scott, N. D., and Walker, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Shaw, W. H., and Moriarty, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Sly, Caryl, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Smith, F. H., and Black, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Snyder, James E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Sobatzki, R. J., and Kinahan, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Spaeth, Charles P., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Sparks, William J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Stecher, J. L., Amick, and Daniels, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Strain, Daniel E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Sullivan, David J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Thomas, Raymond E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Tinker, John M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Tinker, J. M., and Weinmayr, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Tisdale, W. H., and Bake, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Tucker, Carl W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Tucker, C. W., and Dorrill, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Uhler, Frank G., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Vail, Walter E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Waddell, James, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wagner, Frederick C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Waldron, William R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Walker, Joseph F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Weiland, H. J., and Dettwyler, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Weiland, H. J., and Prah, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Weiland, H. J., and Stallmann, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Wells, Clarence F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wernlund, Christian J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Werntz, James H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wilder, George H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Williams, Carl S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Williams, I., and Smith, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Williams, R., and Choco, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Wilson, Fred R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wirth, Walter V., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Woodbridge, Richard G., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Woodbury, C. A., and Wrightsman, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Woodhouse, John C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wortz, Charles G., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wuertz, Alexander J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wuertz, A. J., and Lycan, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Wuertz, A. J., and Whelen, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Young, Howard S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Zwillgmeyer, Frithjof, assignor.)
- Du Pont, E. I., de Nemours & Company Incorporated, The. (See Gilbert, Harvey N., assignor.)
- Du Pont, E. I. de Nemours & Company, Inc. (See Magill, Paul L., assignor.)
- Du Pont Film Manufacturing Corporation. (See Doorbar, John H., assignor.)
- Dupont, Lucien A., Vincennes, France. Anhydride of the half ester of carbonic and salicylic acids and making the same. 2,047,675; July 14.
- Du Pont Rayon Company. (See Alibert, Jean M., assignor.)
- Du Pont Rayon Company. (See Alles, Francis P., assignor.)
- Du Pont Rayon Company. (See Altwegg, H., and Eichler, assignors.)
- Du Pont Rayon Company. (See Brown, Philip F., assignor.)
- Du Pont Rayon Company. (See Chavassieu, Henri, assignor.)
- Du Pont Rayon Company. (See Daniels, Frederick A., assignor.)
- Du Pont Rayon Company. (See Gislon, Andre, assignor.)
- Du Pont Rayon Company. (See Greenewalt, Crawford H., assignor.)
- Du Pont Rayon Company. (See Harrison, Paul E., assignor.)
- Du Pont Rayon Company. (See Haskins, Joseph F., assignor.)
- Du Pont Rayon Company. (See Heckert, Winfield W., assignor.)
- Du Pont Rayon Company. (See Higgins, James E., assignor.)
- Du Pont Rayon Company. (See Kline, Emil, assignor.)
- Du Pont Rayon Company. (See McKee, E. R., and Hunter, assignors.)
- Du Pont Rayon Company. (See Mitchell, James W., assignor.)
- Du Pont Rayon Company. (See Pierrat, P., and Picard, assignors.)
- Du Pont Rayon Company. (See Renfree, James D., assignor.)
- Du Pont Rayon Company. (See Sigler, George, assignor.)
- Du Pont Rayon Company. (See Taylor, Britton M., assignor.)
- Du Pont Rayon Company. (See Theumann, Max J., assignor.)
- Du Pont Viscoloid Company. (See Alfthan, Johannes, assignor.)
- Du Pont Viscoloid Company. (See Bren, Bozotech C., assignor.)
- Du Pont Viscoloid Company. (See Crane, P. W., and Fields, assignors.)
- Du Pont Viscoloid Company. (See Harford, Edward F., assignor.)
- Du Pont Viscoloid Company. (See Haight, J. W., and Rodman, assignors.)
- Du Pont Viscoloid Company. (See Keeran, Charles R., assignor.)
- Du Pont Viscoloid Company. (See Kuettel, Glen M., assignor.)
- Du Pont Viscoloid Company. (See Loder, Donald J., assignor.)
- Du Pont Viscoloid Company. (See Macht, Maurice L., assignor.)
- Du Pont Viscoloid Company. (See Marks, Barnard M., assignor.)
- Du Pont Viscoloid Company. (See Odell, Allan F., assignor.)
- Du Pont Viscoloid Company, et al. (See Olsen, Thomas, assignor.)
- Du Pont Viscoloid Company. (See Strain, Daniel E., assignor.)
- Du Pont Viscoloid Company. (See Terhune, Leonard B., assignor.)
- Du Pont Viscoloid Company. (See Wilder, George H., assignor.)
- Dupuy, Louis E., assignor to The Lamson Company, Syracuse, N. Y. Conveyor mechanism. 2,036,863; Apr. 7.
- Duquette, Frederick, Kenora, Ontario, Canada. Switch point controlling device. 2,046,677; July 7.
- Dür, Ernst. (See Catineau, A., and Dür.)
- Dura Company. (See Cramer, Grant W., assignor.)
- Dura Company. (See Miller, Dorr, assignor.)
- Durable Sign Company. (See Snell, Joseph W., assignor.)
- Durafer (Inc.) (See Sargent, William D., assignor.)
- Duraloy Company, The. (See Carpenter, Oliver K., assignor.)
- Duram, Arthur E., assignor to Springfield Boiler Company, Springfield, Ill. Steam generating apparatus. 2,034,717; Mar. 24.
- Durand, Fred A., Woodbury, Ga. Brushing machine. 2,033,912; Mar. 17.
- Durand, Fred A., Woodbury, Ga. Sizing and grading machine. 2,045,573; June 30.
- Durand & Huguenin A.-G. (See Bauer, W., Bollweg, and Zeh, assignors.)
- Durand & Huguenin A.-G. (See Bauer, W., Zeh, and Bollweg, assignors.)
- Durand & Huguenin A.-G. (See Lecher, H., Bauer, Zeh, and Bollweg.)
- Durand & Huguenin A. G. (See Tschumi, Hans, assignor.)
- Durand, Samuel R., Milwaukee, Wis. Electric signaling system. 2,056,423; Oct. 6.
- Durand & Huguenin Aktiengesellschaft. (See Zeh, L., and Konrad, assignors.)
- Durand & Huguenin, S. A. (See Hug, E. and Müller, assignors.)



- Durand & Huguenin S. A. (See Neitzel, Franz, assignor.)
- Durand, Nelson C., East Orange, and H. F. M. Gramann, Orange, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,042,171; May 26.
- Durant, Henry T., Crawley, and E. O. Stubbings, Carshalton, England, assignors to Blomfield Engineering Company, Limited, London, England. Filter. 2,027,681; Jan. 14.
- Durant, John D., assignor to Schwarze Electric Company, Adrian, Mich. Condition disclosing apparatus. 2,058,067; Oct. 20.
- Durant, John D., assignor to Schwarze Electric Company, Adrian, Mich. Pressure gauge. 2,064,198; Dec. 15.
- Durant, Lyndon A. (See Shyvers, K. C., and Durant.)
- Durant, Lyndon A., Springfield, assignor of one-half to G. H. Campbell, Agawam, Mass. Game totalizer. 2,054,616; Sept. 15.
- Durant Manufacturing Co. (See Hennessy, Mark M., assignor.)
- Durant Manufacturing Co. (See Pearl, Frank E., assignor.)
- Durant, Walter W., Pittsfield, Mass., and P. H. Scrutche-field, Evanston, Ill., assignors to General Electric Company. Resinous compositions. 2,060,665; Nov. 10.
- Durbin, Vernon, Newton, assignor to The Gamewell Company, Newton Upper Falls, Mass. Traffic control system. 2,051,369; Aug. 13.
- Durbin, Harvey R., New Rochelle, assignor to International Cement Corporation, New York, N. Y. Manufacture of Portland cement. 2,042,833; June 2.
- Durbin, Vernon, Newton, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Paging system. 2,052,999; Sept. 1.
- Durdin, Augustus C., Jr., assignor to Chicago Pump Company, Chicago, Ill. Pumping apparatus. 2,029,765; Feb. 4.
- Durdin, Augustus C., Jr., Niles Center, assignor to Chicago Pump Company, Chicago, Ill. Screw feed centrifugal pump. 2,029,766; Feb. 4.
- Durdin, Augustus C., Jr., Niles Center, assignor to Chicago Pump Company, Chicago, Ill. Priming apparatus for centrifugal pumps. 2,033,980; Mar. 17.
- Durdin, Augustus C., Jr., Niles Center, assignor to Chicago Pump Company, Chicago, Ill. Priming apparatus for centrifugal pumps. 2,033,981; Mar. 17.
- Durdin, Augustus C., Jr., Niles Center, assignor to Chicago Pump Company, Chicago, Ill. Automatic control mechanism. 2,043,096; June 2.
- Durdin, Augustus C., Jr., Niles Center, assignor to Chicago Pump Company, Chicago, Ill. Aerator. 2,063,301; Dec. 8.
- Durfee, Elton F., Cranston, R. I., assignor to Koppers Products Company, Pittsburgh, Pa. Preparing mineral aggregate for road-surfacing and other purposes. 2,043,037; June 2.
- Durgin, Charles B., Anniston, Ala., assignor to Swann Research, Incorporated. Cleaner for tin, zinc, and aluminum. 2,037,566; Apr. 14.
- Durgin, Edgar R., assignor to New Jersey Optical Company, Newark, N. J. Nose pad connection for eyeglass frames. 2,029,470; Feb. 4.
- Durham, Fred D., assignor to C. Lee Cook Manufacturing Company, Louisville, Ky. Piston ring. 2,057,940; Oct. 20.
- Durham, George E. (See Austin, J. B., and Durham.)
- Durham, Hobart N., Munsey Park, N. Y., and G. B. Finnegan, Jr., Mountain Lake, N. J., assignors to Eugene, Ltd., New York, N. Y. Permanent waving. 2,028,051; Jan. 14.
- Durham, Hobart N., Munsey Park, and G. B. Finnegan, Jr., Mountain Lakes, N. J., assignors to Eugene, Ltd., New York, N. Y. Permanent waving apparatus. 2,051,689; Aug. 18.
- Dürig, Alfred, assignor to the firm Schweizerische Lokomotiv & Maschinenfabrik, Winterthur, Switzerland. Reversing gear comprising pressure oil operated control couplings, particularly for ships' drives. 2,035,054; Mar. 24.
- Duriron Company, The. (See Jacobsen, Oystein, assignor.)
- Durkee-Atwood Company. (See Atwood, Edward P., assignor.)
- Durkee, Clarence L., Wausau, Wis. Flat screen. 2,054,968; Sept. 22.
- Durkopp-Werke A.-G. (See Müller, Franz H., assignor.)
- Durnell, Harold G., and S. T. Steel, Bartlesville, Okla. Rod line carrier. 2,053,705; Sept. 8.
- Durnell, James S., Wyncote, and J. A. Tift, Merion, assignors to Merion Sporting Goods Manufacturing Corp., Philadelphia, Pa. Air humidifying device. 2,036,929; Apr. 7.
- Duro Company, The. (See Eisenhauer, Charles P., assignor.)
- Duro Company, The. (See Zimmerman, A. C., and Steger, assignors.)
- Duro Metal Products Company. (See Hedgpeth, Theron L., assignor.)
- Duro Metal Products Company. (See McCaleb, Albert G., assignor.)
- Duro Metal Products Company. (See McNaught, Norris F., assignor.)
- Duro Metal Products Company. (See McNaught, N. F., and Peterson.)
- Du Rocher, Lee A., Goodhope, La. Timing device. 2,037,622; Apr. 14.
- Dürr, Hermann. (See Dieterle, W., Walter, and Dürr.)
- Dürr, Richard, Dessau-Alten, assignor to Mayer & Schmidt, Schleifmaschinen- und Schmirgelwerke A.-G., Offenbach-on-the-Main, Germany. Adjustable bearing. 2,039,152; Apr. 28.
- Durrant, Fred A., assignor to Tayton Company, Kansas City, Mo. Friction can top. 2,050,487; Aug. 11.
- Durst, Henry, Denver, Colo. Trolley. 2,031,148; Feb. 18.
- Durst, Norman H., Moundridge, Kans. Auxiliary cutter for lawn mowers. 2,044,159; June 16.
- Duryee, Jerome C., Fort Wayne, Ind., assignor to General Electric Company. Compressor. 2,036,799; Apr. 7.
- Du Sang, Virgil L., Kokomo, Ind. Wheel balancing weight. 2,029,561; Feb. 4.
- Düsing, Werner, and J. Ensz, Berlin-Charlottenburg, Germany, assignors to General Electric Company. Purifying silicic acid. 2,049,359; July 28.
- Dusseldorf Chemical Company. (See Bolen, Wiley P., assignor.)
- Dussmann, August. (See Köster, W., and Dussmann.)
- Dustbone Products Limited. (See Baldwin, Clayton J., assignor.)
- Duston, Merle, Detroit, Mich. Method of and apparatus for electrically recording and reproducing sound or other vibrations. 2,030,973; Feb. 18.
- Dutcher, Roy S., Mount Pleasant, Mich. Woodworking machine. 2,062,969; Dec. 1.
- Du-Tone Ribbon Corp. (See Cohn, Adolph H., assignor.)
- Dutour, John A., Clifton, Ill. Earth dirt stop for cultivator shovels. 2,065,174; Dec. 22.
- Dutra, Frank H., Campbell, Calif. Disk harrow. 2,048,109; July 21.
- Dutter, Hugh T., Albuquerque, N. Mex. Jib for drilling pistons. 2,052,924; Sept. 1.
- Dutton, William H., Deephaven, Minn. Shoe stretcher. 2,063,370; Dec. 8.
- Duty, Dorsey G., and L. D. Rogers, Akron, Ohio. Safety signal device for tires. 2,037,968; Apr. 21.
- Duty, Dorsey G., and L. D. Rogers, Akron, Ohio. Safety signal device for tires. 2,037,969; Apr. 21.
- Duval, Allan R., assignor, by mesne assignments, to Oliver United Filters Incorporated, San Francisco, Calif. Clamp. 2,055,251; Sept. 22.
- Duval, Lee J., Louisville, Ky. Propulsion mechanism for bicycles. 2,061,225; Nov. 17.
- Du Vall, Russell B. (See Grether, E. F., and Du Vall.)
- Duval, Stanley A., New York, N. Y., assignor to Laura V. Ruffin, Louisville, Ky. Electric iron stand. 2,043,508; June 9.
- Duval, Stanley A., New York, N. Y. Iron stand. 2,046,938; July 7.
- Duval, Stanley A., assignor of one-half to L. V. Ruffin, Louisville, Ky. Electrical heated iron. 2,058,068; Oct. 20.
- Duval, Walter J. (See Cordrey, H., and Duval.)
- Duvander, Birger H., Berkeley, Calif. Relative humidity and temperature recording apparatus. 2,037,409; Apr. 14.
- Dux, John M., Jacksonville, Fla. Softening bleached and dyed ruscus. 2,026,873; Jan. 7.
- Dvlnsky, Abraham, Brockton, Mass. Cushioned inner sole. 2,034,463; Mar. 17.
- Dvorak, August, and W. L. Dealey, Seattle, Wash. Type-writer keyboard. 2,040,248; May 12.
- Dvornikoff, Michael N., St. Louis, Mo., assignor to Monsanto Chemical Company, St. Louis, Mo. Chlorination of phthalic anhydride. 2,028,383; Jan. 21.
- Dvornikoff, Michael N., assignor to Monsanto Chemical Company, St. Louis, Mo. Manufacture of pyramidone. 2,045,588; June 30.
- Dwight, Hubert D. (See Barnes, D. M., and Dwight.)
- Dwight & Lloyd Metallurgical Company. (Lloyd, R. I., and Hyde, assignors.)
- Dwofsky, Bernard, New York, N. Y. Printing pad. 2,031,212; Feb. 18.
- Dwork, Max, Brooklyn, N. Y. Jacking attachment. 2,061,025; Nov. 17.
- Dwork, Max, Brooklyn, N. Y. Jacking attachment. 2,061,026; Nov. 17.
- Dwyer, Francis J., Rochester, N. Y. Selective control mechanism for radio receiving sets. 2,051,438; Aug. 18.
- Dwyer, Frank W., Chicago, and F. B. Gilbert, Hinsdale, Ill. Gas testing device. 2,047,407; July 14.
- Dwyer, William M., assignor to W. H. Miner, Inc., Chicago, Ill. Refrigerator car door. 2,032,354; Mar. 3.
- D'Yarmett, Edward C., Atoka, Okla. Heat-treating liquids. 2,040,837; May 19.
- D'Yarmett, Edward C., Atoka, Okla. Apparatus for cracking hydrocarbon oils. 2,040,838; May 19.
- Dyckman, Richard P., Orange, N. J., assignor to L. A. Dreyfus Company. Bubble chewing gum and making same. 2,060,461; Nov. 10.
- Dye, Edward R., Bozeman, Mont. Prestressed beam and method of manufacture. 2,039,398; May 5.
- Dye, Herbert C., Bakersfield, Calif. Swivel bumper. 2,048,928; July 28.
- Dye, Walter B. (See Bisson, C. S., and Dye.)
- Dyer, Frank L., Ventnor, N. J. Time recording talking machine. 2,034,943; Mar. 24.
- Dyer, Frederick C., and H. L. McClelland, Toronto, Ontario, Canada. Separating seeds. 2,031,943; Feb. 25.
- Dyer, Harold L., Battle Creek, Mich., assignor to Wilcox-Rich Corporation. Locking device. 2,035,055; Mar. 24.



- Dyer, Harold I., Battle Creek, Mich., assignor to Wilcox-Rich Corporation. Forging die—button type. 2,049,606; Aug. 4.
- Dyer, Harold I., Battle Creek, Mich., assignor to Wilcox-Rich Corporation. Making tappets. 2,055,341; Sept. 22.
- Dyer, John B., Pendleton, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Engine starting apparatus. 2,046,730; July 7.
- Dyer, John B., Pendleton, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Automobile control apparatus. 2,048,853; July 28.
- Dyer, John B., Pendleton, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Control apparatus for engine starters. 2,062,970; Dec. 1.
- Dyer, John B., Pendleton, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Engine starting apparatus. 2,065,889; Dec. 29.
- Dyer, John B., Pendleton, and J. L. Arthur, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Control apparatus for engine starters. 2,041,171; May 19.
- Dyer, John B., Pendleton, and W. C. Edwards, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Switch with Automatic release. 2,043,470; June 9.
- Dyer, John P., El Paso, Tex., assignor to Nichols Copper Company, New York, N. Y. Method and apparatus for spacing electrodes. 2,043,698; June 9.
- Dyer, John P., El Paso, Tex., assignor to Nichols Copper Company, New York, N. Y. Electrode and producing the same. 2,048,854; July 28.
- Dyer, John W., and D. Kay, assignors to Kay Gyroplanes Limited, Edinburgh, Scotland. Device for damping the oscillation of the revolving wings or blades of aircraft. 2,048,326; July 21.
- Dyer, Joseph G., assignor to Continental Oil Company, Ponca City, Okla. Apparatus for cementing oil wells. 2,058,069; Oct. 20.
- Dyer, Leonard H., New York, N. Y. Hand baggage. 2,030,359; Feb. 11.
- Dyer, Leonard H., New York, N. Y. Hand baggage. 2,030,360; Feb. 11.
- Dyer, Leslie L., assignor to Humber Limited, Coventry, England. Fan. 2,044,285; June 16.
- Dyer, Lloyd W., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,060,492; Nov. 10.
- Dyer, Vernon H. (See Comstock, J. A., and Dyer.)
- Dyer, Westlake A., et al. (See Denney, Marshall E., assignor.)
- Dyke, Henry V., Auckland, New Zealand. Cattle controller. 2,037,855; Apr. 21.
- Dykeman, Edward J., Richmond, Ind. Appliance for aiding scalp treatment. 2,046,814; July 7.
- Dyksterhuis, Popko R., Eindhoven, Netherlands, assignor to Radio Corporation of America. Wave range changing over device for radio receiving apparatus. 2,037,159; Apr. 14.
- Dykstra, George, assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle and windshield cleaner therefor. 2,045,128; June 23.
- Dykstra, George, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,059,509; Nov. 3.
- Dykstra, Harry B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Rubber products. 2,053,271; Sept. 8.
- Dykstra, James, Lansing, assignor to General Motors Corporation, Detroit, Mich. Emergency brake hook-up. 2,063,729; Dec. 8.
- Dym, Joseph B., assignor to Mine Safety Appliances Co., Pittsburgh, Pa. Protective headgear. 2,032,203; Feb. 25.
- Dym, Joseph B., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Air-purifying canister. 2,063,990; Dec. 15.
- Dymock, John B. (See Joshua, W. P., Stanley, and Dymock.)
- Dynamit-Actiengesellschaft vormals Alfred Nobel & Co. (See Pinten, Peter, assignor.)
- Dyrenforth, Donald. (See Carstens, C. E., Dyrenforth, and Marriott.)
- Dziedzic, Nicholas J., and H. H. McKee, assignors to Industrial Patents Corporation, Chicago, Ill. Feeding device. 2,034,751; Mar. 24.
- Dzus, William, West Islip, N. Y. Fastener handle. 2,054,519; Sept. 15.
- E. A. Laboratories, Inc. (See Aufero, John M., assignor.)
- E. A. Laboratories, Inc. (See Gillet, Alexis F., assignor.)
- Eaches, William D., assignor to Berkshire Knitting Mills, Wyomissing, Pa. Tension take-up device for knitting machines. 2,042,834; June 2.
- Eacock, Charles J., Kansas City, and C. H. Clauser, deceased, late of Kansas City, Mo., by C. H. Clauser, administratrix, South Pasadena, Calif. Fluid feeding device. 2,061,566; Nov. 24.
- Eaddy, Ernest J., Spartanburg, S. C. Cleaning textile machinery. 2,057,139; Oct. 13.
- Eader, William H., assignor of one-third to F. W. Bonfils, and one-third to A. De Bernardi, Jr., Denver, Colo. Producing artist's material. 2,040,170; May 12.
- Eady, Ernest H., assignor of sixty per cent to E. B. Crim, La Grange, Ga. Automatic centerhead. 2,050,090; Aug. 4.
- Eager, Wesley W., Los Angeles, and C. A. Tierney, San Marino, Calif. Door construction. 2,037,369; Apr. 14.
- Eager, Wesley W., and C. A. Tierney, Los Angeles, Calif. Closure. 2,043,472; June 9.
- Eager, Wesley W., Los Angeles, and C. A. Tierney, San Marino, Calif. Door mounting. 2,043,473; June 9.
- Eagle, Arthur A., and A. A. Grosser, assignors of one-third to C. J. Kesselring, Rochester, N. Y. Coin controlled cabinet for books. 2,041,994; May 26.
- Eagle Boys Suit Corporation. (See Rubin, Betty, assignor.)
- Eagle Glove & Garment Company. (See Lammott, William A., assignor.)
- Eagle Knitting Mills, Inc. (See Wengen, Frank J., assignor.)
- Eagle Manufacturing Company. (See Paull, Samuel O., assignor.)
- Eagle Manufacturing Company. (See Rarick, Orth E., assignor.)
- Eagle Pencil Company. (See Hanle, Benjamin W., assignor.)
- Eagle Pencil Co. Inc. (See Hochman, Julius C., assignor.)
- Eagle Pencil Company. (See Meilner, Joseph, assignor.)
- Eagle-Picher Lead Company, The. (See Harner, H. R., and Chubb, assignors.)
- Eagle Signal Corporation. (See Freeberg, Ernest R., assignor.)
- Eagle Steel Wool Company. (See Trevellyan, Vernon B., assignor.)
- Eagle, Thomas N., Verona, Ill. Circuit controller. 2,049,001; July 28.
- Eagley, Karl C. (See Wilson, G. B., and Eagley.)
- Eames, William F. (See Williams, H. W., and Eames.)
- Eames, William F., Pittsburgh, Pa., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator signal and control system. 2,039,073; Apr. 28.
- Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Signal and control system for elevators. 2,042,214; May 26.
- Eames, William F., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for a group of elevators. 2,057,480; Oct. 13.
- Earhuff, John A., and W. Odenthal, Los Angeles, Calif. Automatic closure operating device. 2,056,174; Oct. 6.
- Earl, George G., New Orleans, La. Fluid metering system and apparatus. 2,049,642; Aug. 4.
- Earl, Herbert E., Roselle Park, N. J. Oil burner. 2,028,899; Jan. 28.
- Earl, John L., San Antonio, Tex. Traction increasing means. 2,035,115; Mar. 24.
- Earl, Robert J., et al. (See Dahlander, Noël L., assignor.)
- Earle, Ralph H., Wauwatosa, assignor to Line Material Company, South Milwaukee, Wis. Protective device. 2,029,562; Feb. 4.
- Earle, Ralph H., Wauwatosa, assignor to Line Material Company, South Milwaukee, Wis. Lightning arrester. 2,032,566; Mar. 3.
- Earle, Richard W., Los Angeles, Calif. Chromoscope. 2,029,863; Feb. 4.
- Earley, John J., and B. G. Taylor, Washington, D. C. Building structure and producing the same. 2,050,290; Aug. 11.
- Early Foundry Company, The. (See Bennett, Wilbur, assignor.)
- Early, J. B., et al. (See Pierce, Orbra C., assignor.)
- Easley, Arthur W., Independence, Mo. Automobile door locking mechanism. 2,044,066; June 16.
- Eason, Clarence M., assignor to Fawick Manufacturing Co., Waukesha, Wis. Clutch. 2,059,935; Nov. 3.
- Easson, Alexander P. T. (See Pyman, F. L., and Easson.)
- Eastburg, Clifford L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing axle. 2,052,702; Sept. 1.
- Eastburn, Samuel L. (See Cooper, G. M., and Eastburn.)
- Eastburn, Samuel L., Sloatsburg, assignor to Ramapo Ajax Corporation, New York, N. Y. Adjustable rail brace. 2,036,199; Apr. 7.
- Eastburn, Samuel L., Sloatsburg, assignor to Ramapo Ajax Corporation, New York, N. Y. Adjustable rail brace. 2,036,200; Apr. 7.
- Easter, George J. (See Benner, R. C., Baumann, and Easter.)
- Easter, George J. (See Benner, R. C., and Easter.)
- Easter, George J. (See Benner, R. C., Easter, and Thompson.)
- Easter, George J., and C. McMullen, assignors to The Carborundum Company, Niagara Falls, N. Y. Fused refractory composition. 2,063,154; Dec. 8.
- Easterbrook, Wilfred G. (See Loken, Gilbert, assignor.)
- Easterly, John I., Healdsburg, Calif. Combination square and slide rule. 2,028,052; Jan. 14.
- Eastern Machine Screw Corporation, The. (See Bettcher, C. W., and Cox, assignors.)
- Eastern Manufacturing Company. (See MacFarlane, Charles A., assignor.)
- Eastern Market Cold Storage Company, The. (See McHenry, James, assignors.)
- Eastern Rolling Mill Company, The. (See Hazlett, Adam J., assignor.)
- Eastern Tool & Mfg. Co. (See Anderson, Carl E., assignor.)



- Easters, Noble A., Brunswick, Ga. Metal and wood surfacing tool. 2,043,509; June 9.
- Eastham, Charles J., near Dayton, assignor of one-third to F. W. Stork, Dayton, Ohio. Electric signal means for vehicles. 2,037,123; Apr. 14.
- Eastman, Edward H., Los Angeles, Calif. Power transmission system for motor vehicles. 2,054,877; Sept. 22.
- Eastman, Eugene C., Whiting, and E. R. Barnard, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricating composition bearings. 2,059,856; Nov. 3.
- Eastman, Fred C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting machine. 2,034,752; Mar. 24.
- Eastman, Ivan L., assignor to The Aro Equipment Corporation, Bryan, Ohio. Grease gun carrier rack. 2,059,445; Nov. 3.
- Eastman, Ivan L., Toledo, assignor to The Aro Equipment Corporation, Bryan, Ohio. Oil gun structure. 2,059,446; Nov. 3.
- Eastman, Joseph P., Manitowoc, Wis. Pressed-on hose coupling. 2,031,823; Feb. 25.
- Eastman, Joseph P., Manitowoc, Wis. Pressing a coupling on to a hose. 2,031,824; Feb. 25.
- Eastman, Joseph P., Manitowoc, Wis. Renewable hose coupling. 2,031,825; Feb. 25.
- Eastman Kodak Company. (See Altman, Fred E., assignor.)
- Eastman Kodak Company. (See Babcock, G. S., and Beach, assignors.)
- Eastman Kodak Company. (See Beach, Norman F., assignor.)
- Eastman Kodak Company. (See Blattner, Robert F., assignor.)
- Eastman Kodak Company. (See Branch, Leslie E. T., assignor.)
- Eastman Kodak Company et al. (See Branchen, Leonard E., assignor.)
- Eastman Kodak Company. (See Branchen, L. E., and Clark, assignors.)
- Eastman Kodak Company. (See Brooker, Leslie G. S., assignor.)
- Eastman Kodak Company. (See Brooker, L. G. S., and White, assignors.)
- Eastman Kodak Company. (See Buckstone, Walter, assignor.)
- Eastman Kodak Company. (See Butler, C. O., and Bear, assignors.)
- Eastman Kodak Company. (See Capstaff, John G., assignor.)
- Eastman Kodak Company. (See Carroll, S. J., and Smith, assignors.)
- Eastman Kodak Company. (See Carver, Emmett K., assignor.)
- Eastman Kodak Company. (See Childs, Henry R., assignor.)
- Eastman Kodak Company. (See Christie, J., and Crumrine, assignors.)
- Eastman Kodak Company. (See Clarke, H. T., and Malm, assignors.)
- Eastman Kodak Company. (See Clerke, Gerard J. and H. T., assignors.)
- Eastman Kodak Company. (See Coleman, J. D., Jr., and Smith, assignors.)
- Eastman Kodak Company. (See Conklin, Fred R., assignor.)
- Eastman Kodak Company. (See Crabtree, J. I., and Russell, assignors.)
- Eastman Kodak Company. (See Crabtree, J. I., and Vittum, assignors.)
- Eastman Kodak Company. (See Crouch, H. W., and Jewett, assignors.)
- Eastman Kodak Company. (See Crumrine, Chester W., assignor.)
- Eastman Kodak Company. (See Davidson, Arthur J., assignor.)
- Eastman Kodak Company. (See Fairbanks, Henry N., assignor.)
- Eastman Kodak Company. (See Fallesen, G. E., and Staud, assignors.)
- Eastman Kodak Company. (See Fisher, Webster E., assignor.)
- Eastman Kodak Company. (See Fuerst, Carl C., assignor.)
- Eastman Kodak Company. (See Fuller, Albert B., assignor.)
- Eastman Kodak Company. (See Gordon, Jack J., assignor.)
- Eastman Kodak Company. (See Gray, Harry Le B., assignor.)
- Eastman Kodak Company. (See Green, Newton B., assignor.)
- Eastman Kodak Company. (See Guenther, Edgar G., assignor.)
- Eastman Kodak Company. (See Hallett, W. A., and Lee, assignors.)
- Eastman Kodak Company. (See Hopkins, Roy S., assignor.)
- Eastman Kodak Company. (See Hughey, Carter J., assignor.)
- Eastman Kodak Company. (See Hull, David C., assignor.)
- Eastman Kodak Company. (See Jones, J. G., and Dewey, assignors.)
- Eastman Kodak Company. (See Kallock, Wilmer F., assignor.)
- Eastman Kodak Company. (See Kenyon, W. O., and Waugh, assignors.)
- Eastman Kodak Company. (See Lane, Gerould T., assignor.)
- Eastman Kodak Company. (See Lane, G. T., and Butterfield, assignors.)
- Eastman Kodak Company. (See Lee, Maynard D., assignor.)
- Eastman Kodak Company. (See Luce, Richard W., assignor.)
- Eastman Kodak Company. (See Lyman, Donald F., assignor.)
- Eastman Kodak Company. (See Lyman, D. F., and Martin, assignors.)
- Eastman Kodak Company. (See Malm, Carl J., assignor.)
- Eastman Kodak Company. (See Malm, C. J., and Coleman, assignors.)
- Eastman Kodak Company. (See Malm, C. J., and Fisher, assignors.)
- Eastman Kodak Company. (See Malm, C. J., and Fletcher, assignors.)
- Eastman Kodak Company. (See Malm, C. J., and Fordyce, assignors.)
- Eastman Kodak Company. (See Malm, C. J., and Nadeau, assignors.)
- Eastman Kodak Company. (See Mannes, L. D., and Godowsky, assignors.)
- Eastman Kodak Company. (See Martin, Louis D., assignor.)
- Eastman Kodak Company. (See McNally, James G., assignor.)
- Eastman Kodak Company. (See McNally, J. G., and Beach, assignors.)
- Eastman Kodak Company. (See McNally, J. G., and Sweet, assignors.)
- Eastman Kodak Company. (See Mihalyi, Joseph, assignor.)
- Eastman Kodak Company. (See Miller, Oran E., assignor.)
- Eastman Kodak Company. (See Murray, Thomas F., Jr., assignor.)
- Eastman Kodak Company. (See Nagel, August, assignor.)
- Eastman Kodak Company. (See Nelson, Homer J., assignor.)
- Eastman Kodak Company. (See Othmer, Donald F., assignor.)
- Eastman Kodak Company. (See Parker, J. H. S., and Schuler, assignors.)
- Eastman Kodak Company. (See Reid, Marvin J., assignor.)
- Eastman Kodak Company. (See Riddell, William A., assignor.)
- Eastman Kodak Company. (See Roddy, Fred M., assignor.)
- Eastman Kodak Company. (See Seymour, Merrill W., assignor.)
- Eastman Kodak Company. (See Sheppard, Samuel E., assignor.)
- Eastman Kodak Company. (See Sheppard, S. E., and Houck, assignors.)
- Eastman Kodak Company. (See Sheppard, S. E., and Hudson, assignors.)
- Eastman Kodak Company. (See Slack, Alfred D., assignor.)
- Eastman Kodak Company. (See Smith, Henry B., assignor.)
- Eastman Kodak Company. (See Staud, C. J., and Briggs, assignors.)
- Eastman Kodak Company. (See Stewart, Donald H., assignor.)
- Eastman Kodak Company. (See Teague, Walter D., assignor.)
- Eastman Kodak Company. (See Tuttle, Clifton M., assignor.)
- Eastman Kodak Company. (See Tuttle, Clifton M. and F. E., assignors.)
- Eastman Kodak Company. (See Tuttle, Fordyce E., assignor.)
- Eastman Kodak Company. (See Underwood, E. E., and Wellman, assignors.)
- Eastman Kodak Company. (See Van Derhoef, Henry E., assignor.)
- Eastman Kodak Company. (See Van Dyke, R. H., Staud, and Gray, assignors.)
- Eastman Kodak Company. (See Von Bramer, H., and Ruggles, assignors.)
- Eastman Kodak Company. (See Ward, Erwin J., assignor.)
- Eastman Kodak Company. (See Wells, Jackson B., assignor.)
- Eastman Kodak Company. (See Wengel, Raymond W., assignor.)
- Eastman Kodak Company. (See Wittel, Otto, assignor.)
- Eastman Kodak Company. (See Yackel, E. C., and Kenyon, assignors.)
- Eastman Manufacturing Company. (See Hutchinson, George, assignor.)
- Eastman Oil Well Survey Company. (See Hughes, James D., assignor.)
- Eastman, Samuel G., Belvidere, Ill. Bearing. 2,061,758; Nov. 24.
- Easton and Burnham Machine Company. (See Kelley, Francis E., assignor.)
- Easton, William, Passaic, N. J. Safety razor blade holder. 2,061,900; Nov. 24.



- Eastwood-Nealley Corporation. (See Specht, Harry G., assignor.)
- Eastwood-Nealley Corporation. (See Webb, Nelson W., assignor.)
- Easy Washing Machine Corporation. (See Geldhof, Peter E., assignor.)
- Easy Washing Machine Corporation. (See Geldhof, P. E., and Conterman, assignors.)
- Easy Washing Machine Corporation. (See Nelson, Jabez C., assignor.)
- Easy Washing Machine Corporation. (See Papworth, Walter A., assignor.)
- Eaton, Charles F., West Newbury, assignor, by mesne assignments, of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Method of and apparatus for marking shoe uppers. 2,027,637; Jan. 14.
- Eaton, Charles F., West Newbury, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation and one-half to Parshad Holding Corporation, Syracuse, N. Y. Marking machine. 2,031,763; Feb. 25.
- Eaton, Charles F., West Newbury, Mass., assignor, by mesne assignments, of one-half to North American Holding Corp. and one-half to Parshad Holding Corporation, Syracuse, N. Y. Apparatus for use in applying shoe bottom filler. 2,038,423; Apr. 21.
- Eaton, Charles F., West Newbury, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Marking machine. 2,046,872; July 7.
- Eaton, Charles F., West Newbury, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Apparatus for conditioning shoe bottom fillers. 2,061,226; Nov. 17.
- Eaton, Charles F., West Newbury, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Machine for conditioning shoe bottom fillers. 2,061,455; Nov. 17.
- Eaton, Charles F., West Newbury, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Marking machine. 2,066,273; Dec. 29.
- Eaton-Detroit Metal Company. (See Nehls, Charles H., assignor.)
- Eaton Detroit Metal Company. (See Newton, Paul D., assignor.)
- Eaton-Erb Foundry Company. (See Dostal, Joseph L., assignor.)
- Eaton, George, Cleveland, Ohio. Electric toaster. 2,065,434; Dec. 22.
- Eaton, George M., assignor to Spang, Chalfant & Company, Inc., Pittsburgh, Pa. Joint. 2,062,407; Dec. 1.
- Eaton, George R., Oak Park, Ill., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone repeater system. 2,050,292; Aug. 11.
- Eaton, George R., and H. M. Armstrong, Oak Park, assignors to Kellogg Switchboard and Supply Co., Chicago, Ill. Radio receiving system. 2,050,291; Aug. 11.
- Eaton, Harrison H., assignor to the Electric Auto-Lite Company, Toledo, Ohio. Coil winding machine. 2,034,673; Mar. 17.
- Eaton, John, and W. O. Lum, Schenectady, N. Y., assignors to General Electric Company. Fuel burning apparatus. 2,048,495; July 21.
- Eaton, John F., assignor to The Engineering Company, Tulsa, Okla. Sucker rod hanger rack. 2,032,530; Mar. 3.
- Eaton, John F., assignor to The Engineering Company, Tulsa, Okla. Pump construction. 2,032,838; Mar. 3.
- Eaton, John F., assignor to The Engineering Company, Tulsa, Okla. Polished-rod shock absorber. 2,038,527; Apr. 28.
- Eaton Manufacturing Company. (See Wallace, William H., assignor.)
- Eaton, Martha, Crestwood, N. Y. Book-like toy. 2,032,531; Mar. 3.
- Eaton, Milton, Shawinigan Falls, Quebec, Canada. Preventing arcing of the contacts of electrical regulating instruments. 2,026,617; Jan. 7.
- Eaton, Orrin O., near Watsonville, Calif. Crate handling means. 2,052,968; Sept. 1.
- Eaton, Paul B., et al. (See Grady, John J., assignor.)
- Eaton, Paul B., et al. (See Harvey, Lee, assignor.)
- Eaton, Reginald O., Erie, Pa., assignor to General Electric Company. Electric switch. 2,030,691; Feb. 11.
- Eaton, Richard M., assignor to Niagara Searchlight Co. Inc., Niagara Falls, N. Y. Instrument for use in obtaining stroboscopic effects. 2,039,214; Apr. 28.
- Eaton, Wilfred A. (See Casler, R. H., and Eaton.)
- Eaton, Wilfred A. (See Johnson, S., Jr., and Eaton.)
- Eaton, Wilfred A. (See Vorech, S., and Eaton.)
- Eaton, Wilfred A., assignor to Bendix Westinghouse Automotive Air Brakes Company, Pittsburgh, Pa. Brake mechanism. 2,035,305; Mar. 24.
- Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Steering mechanism. 2,037,505; Apr. 14.
- Eaton, Wilfred A., assignor to Bendix Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake mechanism. 2,043,610; June 9.
- Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Tank truck. 2,049,997; Aug. 4.
- Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Steering mechanism. 2,053,272; Sept. 8.
- Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Control mechanism. 2,062,089; Nov. 24.
- Eatough, Harry. (See Adams, R., Eatough, and Marvel.)
- Eatough, Harry, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Condensation products of high molecular weight polyhydric alcohols and making the same. 2,041,702; May 26.
- Eatz, Harry L., Duquesne, Pa. Direction indicator. 2,043,158; June 2.
- Eavestaff, W. G., & Sons Limited. (See Downing, George H., assignor.)
- Ebberts, Martin J., Beaumont, Tex. Barbecue apparatus. 2,060,004; Nov. 10.
- Ebeling, William B., Brooklyn, N. Y. Sanitary cabinet for house pets. 2,039,783; May 5.
- Eberhard, Boyd C., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Flexible valve stem. 2,049,252; July 28.
- Eberhard, Harmon S., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Tractor. 2,031,303; Feb. 18.
- Eberhard, Harmon S., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Tractor. 2,034,135; Mar. 17.
- Eberhard, Harmon S., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Motor vehicle. 2,049,643; Aug. 4.
- Eberhard, Harmon S., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Track roller guard. 2,049,693; Aug. 4.
- Eberhard, Harmon S., assignor to Caterpillar Tractor Co., San Leandro, Calif. Engine breather. 2,034,134; Mar. 17.
- Eberhardt, Ernst, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing diacetyl. 2,062,263; Nov. 24.
- Eberhart, Felix, Arlington, N. J., assignor to American Can Company, New York, N. Y. Container. 2,047,951; July 21.
- Eberle, Fritz, and C. Z. Rosecans, assignors to Leeds & Northrup Company, Philadelphia, Pa. Heat treatment in carbonaceous atmospheres. 2,056,175; Oct. 6.
- Eberle, Wilhelm, assignor to Messer & Co., G. m. b. H., Frankfurt-on-the-Main, Germany. Portable blowtorch apparatus. 2,058,672; Oct. 27.
- Eberle, William A. (See Robertson, L. H., and Eberle.)
- Eberle, William A., and L. H. Zepfner, Jersey City, N. J., assignors to Standard Oil Development Company. Dewaxing oils. 2,049,051; July 28.
- Eberle, William A., Jersey City, and M. B. Hopkins, Elizabeth, N. J., assignors to Standard Oil Development Company. Decolorizing a lubricating oil stock. 2,066,200; Dec. 29.
- Ebert, Charles, Leonia, N. J., and W. B. Newkirk, Western Springs, Ill., assignors to International Patents Development Company, Wilmington, Del. Crystallizing dextrose. 2,065,669; Dec. 29.
- Ebert, Erna C., Canton, Ohio. Bedpan lining. 2,063,797; Dec. 8.
- Ebert, Fritz, Oberndorf-on-the-Neckar, Germany. Folding attachment for sewing machines. 2,052,222; Aug. 25.
- Ebert, Fritz, Oberndorf-on-the-Neckar (Wurttemberg), Germany. Overcasting sewing machine. 2,054,498; Sept. 15.
- Ebert, Fritz, Oberndorf-on-the-Neckar, Germany. Differential work-feeder for sewing machines. 2,063,664; Dec. 8.
- Ebert, Fritz, assignor to Mauser-Werke A.-G., Oberndorf-on-the-Neckar, Germany. Garment such as knickers and the like. 2,064,249; Dec. 15.
- Ebert, Heinrich. (See Geil, E., and Ebert.)
- Ebert, John E. (See Belmont, Arthur H., assignor.)
- Ebert, William A. (See Jurkat, G., and Ebert.)
- Ebert, William H., Kenmore, N. Y. Traffic signal. 2,049,002; July 28.
- Eberts, Edward C. (See Schmidt, J., and Eberts.)
- Eberwein, Samuel J. (See Bechtel, T. B., and Eberwein.)
- Ebing, Charles L., Girdwood, Alaska. Tractor attachment. 2,050,936; Aug. 11.
- Ebner, Alfred J., assignor to Freyn Engineering Company, Chicago, Ill. Heat recovery system. 2,060,290; Nov. 10.
- Ebner, Alfred J., and O. R. Rice, assignors to Freyn Engineering Company, Chicago, Ill. Tower gas washer. 2,054,315; Sept. 15.
- Ebner, Alfred J., and O. R. Rice, assignors to Freyn Engineering Company, Chicago, Ill. Tuyère. 2,058,577; Oct. 27.
- Eby, Eugene D., Pittsfield, Mass., assignor to General Electric Company. Condenser. 2,053,947; Sept. 8.
- Eccles, Albert E., and M. J. Hatfield, Bridgeport, Conn. Game and game apparatus therefor. 2,055,097; Sept. 22.
- Echave, Ignacio F., and A. G. Caldararo, Mar del Plata, Argentina. Spark plug. 2,065,567; Dec. 29.



- Echberg, Arthur F., assignor to John C. K. Stuart, J. W. D. Greig, and W. R. Featherstone, Toronto, Ontario, Canada. Diatomaceous earth product. 2,065,126; Dec. 22.
- Ech s, Georges P., assignor to Compagnie pour la Fabrication des Compteurs et Mat riel d'Usines   Gaz, Montrouge, France. Gas pressure regulator. 2,035,151; Mar. 24.
- Echlin, Evelyn J., Pasadena, Calif. Sleeping cover. 2,037,216; Apr. 14.
- Echometer Gesellschaft mit beschrankter Haftung. (See Settegast, B., and Rudolph, assignors.)
- Eck, Alexius E. (See Irons, R. H., and Eck.)
- Eck, Herbert P., I. B. Rosenberg, and H. M. Rosenberg, Port Chester, and I. Fleer, New York, N. Y. Safety cutting tool. 2,031,470; Feb. 18.
- Eck, Joseph B., Sheboygan, Wis. Coaster wagon. 2,027,522; Jan. 14.
- Eck, Joseph B., Sheboygan, Wis. Coaster wagon. 2,032,532; Mar. 3.
- Eckard, A. M., et al. (See Speed, James A., assignor.)
- Eckard, Charles, and W. Barczewski, Milwaukee, Wis. Marker. 2,035,694; Mar. 31.
- Eckelmann, Alfred, and E. Koch, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Agents rendering textile materials fast to creasing. 2,039,524; May 5.
- Ecker, William E., Forest Hills, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,036,027; Mar. 31.
- Eckerbom, Gustaf, Sandvik, assignor to Stockholms Benmj lsfabriks Aktiebolag, Stockholm, Sweden. Manufacture of glue films. 2,057,563; Oct. 13.
- Eckersley, Peter P., Chelsea, London, and R. E. H. Carpenter, London, England. Wire broadcasting system. 2,031,528; Feb. 18.
- Eckersley, Thomas L. (See Smith, S. B., and Eckersley.)
- Eckert, Alfred, assignor to Gesellschaft f r Wirtschaftsbedarf m. b. H., Berlin, Germany. Valve for steam cookers. 2,049,158; July 28.
- Eckert, Clarence R., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Self-spacing siding. 2,027,029; Jan. 7.
- Eckert, Clarence R., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Making siding elements. 2,035,871; Mar. 31.
- Eckert, Clarence R., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Siding material. 2,038,102; Apr. 21.
- Eckert, Clarence R., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Protecting underground metallic surfaces. 2,047,772; July 14.
- Eckert, Clarence R., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Thick butt shingle. 2,058,578; Oct. 27.
- Eckert, Clarence R., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Roll roofing and making same. 2,061,066; Nov. 17.
- Eckert, Emil. (See Ficker, J., and Eckert.)
- Eckert, Wilhelm and O. Braunsdorf, Frankfort-on-the-Main, Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthracene series. 2,028,384; Jan. 21.
- Eckert, Wilhelm, and H. Sieber, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs derived from aceanthrenequinone and preparing them. 2,046,254; June 30.
- Eckey, Eddy W., Wyoming, and C. C. Clark, St. Bernard, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Liberating fatty acids in fatty material. 2,065,520; Dec. 29.
- Eckfeldt, Emma B., executrix. (See Eckfeldt, J. J., Flodin, and Lawson.)
- Eckfeldt, Emma B., executrix. (See Flodin, N. E., and Eckfeldt.)
- Eckfeldt, John J., Chicago Heights, Ill., N. E. Flodin, and F. A. Lawson, Latrobe, Pa.; E. B. Eckfeldt, executrix of said John J. Eckfeldt, deceased, assignors to American Locomotive Company, New York, N. Y. Rolling mill. 2,035,598; Mar. 31.
- Eckford, J. J. (See Cumptson, K. B., and Hopper, assignors.)
- Eckford, Joseph J., et al. (See Best, Sheridan J., assignor.)
- Eckford, William, Oldfields, Pulford, Wrexham, North Wales, and W. Carter, Buddicon Park, Chester, assignors to Goodlass Wall and Lead Industries, Limited, London, England. Marking of metallic extrusions of tubular or solid form. 2,056,897; Oct. 6.
- Eckhard, William K., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet feed retarding mechanism for printing presses. 2,039,784; May 5.
- Eckhard, William K., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet feed retarding mechanism for printing presses. 2,039,785; May 5.
- Eckhard, William K., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Change form cylinder mounting for rotary printing presses. 2,045,981; June 30.
- Eckhardt, Karl A. (See Peterka, A. E. R., and Eckhardt, assignors.)
- Eckhoff, Robert H. (See Beisley, W. F., Spradlin, Deadrich, and Eckhoff.)
- Eckley, Junior, Salem, Oreg. Lawn edger. 2,051,988; Aug. 25.
- Ecklund, Albert T., assignor of one-half to W. C. Price, Jamestown, N. Y. Mat. 2,048,438; July 21.
- Eckstein, George R., assignor to Visco Meter Corporation, Buffalo, N. Y. Viscosity indicating device. 2,035,951; Mar. 31.
- Eckstein, George R., assignor to Clardon Corporation, Buffalo, N. Y. Dirt indicator for lubricating oil. 2,040,042; May 5.
- Eckstein, Harry H., Beverly Hills, Calif. Permanent wave curler. 2,061,998; Nov. 24.
- Eckstein, Ludwig. (See Kaufmann, W., Eckstein, and Rosenberger.)
- Eclipse Aviation Corporation. (See Allen, J. W., and McNeil, assignors.)
- Eclipse Aviation Corporation. (See Finnegan, Martin J., assignor.)
- Eclipse Aviation Corporation. (See Gartner, John, assignor.)
- Eclipse Aviation Corporation. (See Gilbert, Samuel, assignor.)
- Eclipse Aviation Corporation. (See Gregg, David, assignor.)
- Eclipse Aviation Corporation. (See Havill, Clinton H., assignor.)
- Eclipse Aviation Corporation. (See Havill, C. H., and Walton, assignors.)
- Eclipse Aviation Corporation. (See Heywood, Charles F., assignor.)
- Eclipse Aviation Corporation. (See Imhof, Herman, assignor.)
- Eclipse Aviation Corporation. (See Lansing, Raymond P., assignor.)
- Eclipse Aviation Corporation. (See Lansing, R. P., and Nardone, assignors.)
- Eclipse Aviation Corporation. (See Linder, Francis, assignor.)
- Eclipse Aviation Corporation. (See Mansson, Martin, assignor.)
- Eclipse Aviation Corporation. (See McNeil, Charles I., assignor.)
- Eclipse Aviation Corporation. (See Nardone, Romeo M., assignor.)
- Eclipse Aviation Corporation. (See Nowosielski, Edward B., assignor.)
- Eclipse Aviation Corporation. (See Smith, Wesley L., assignor.)
- Eclipse Aviation Corporation. (See Stover, Frank B., assignor.)
- Eclipse Aviation Corporation. (See Waseige, Charles R., assignor.)
- Eclipse Counterbore Company. (See Subia, Anton, assignor.)
- Eclipse Machine Company. (See Chilton, Roland, assignor.)
- Eclipse Machine Company. (See Cunnius, Calvin, assignor.)
- Eclipse Machine Company. (See Ferguson, M. P., and Maurer, assignors.)
- Eclipse Machine Company. (See Lansing, Raymond P., assignor.)
- Eclipse Machine Company. (See Lustig, Ludwig L., assignor.)
- Eclipse Machine Company. (See Maurer, Paul H., assignor.)
- Eclipse Machine Company. (See McGrath, William L., assignor.)
- Eclipse Machine Company. (See Sayre, Gordon B., assignor.)
- Eclipse Machine Company. (See Sekella, Youston, assignor.)
- Eclipse Machine Company. (See Wertz, Daniel L., assignor.)
- Eclipse Machine Company. (See Whitney, Maurice P., assignor.)
- Eclipse Textile Devices, Inc. (See Hasbrouck, Louis B., assignor.)
- Eclipse Textile Devices, Inc. (See Hasbrouck, L. B., Mann, and Whitney, assignors.)
- Econolite Corporation. (See Pendleton, Edwin H., assignor.)
- Economy Electric Ad Corporation. (See Vendope, Van L., assignor.)
- Economy Electric Products Company, The. (See Schickler, Albert C., assignor.)
- Economy Forms Corporation. (See Jennings, William A., assignor.)
- Economy Fuse and Manufacturing Co. (See Gunthorp, Cecil H., assignor.)
- Economy Fuse and Manufacturing Co. (See Herbst, Clarence A., assignor.)
- Economy Fuse & Manufacturing Company. (See Kurath, F., and Cherry, assignors.)
- Eddington Metal Specialty Co. (See Czarnecki, Walter, assignor.)
- Eddison, William B., Ardsley-on-Hudson, and J. V. McAdam, Hastings-on-Hudson, N. Y. Hairspring assembly for timepieces. 2,057,642; Oct. 13.
- Edds, Byrd L., Sherman, Tex. Internal combustion engine. 2,033,128; Mar. 10.
- Eddy, George G., Manistee, and C. D. Van Patten, Flint, Mich.; said Van Patten, assignor to said Eddy. Planing boat. 2,039,585; May 5.
- Eddy, George G., Manistee, and C. D. Van Patten, Flint, Mich.; said Van Patten, assignor to said Eddy. Planing boat. 2,039,586; May 5.



- Eddy, Harold C. (See Hanson, G. B., and Eddy.)
- Eddy, Harold C., assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Method of and apparatus for treating petroleum. 2,033,129; Mar. 10.
- Eddy, Harold C., assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Electric treater for emulsions. 2,033,418; Mar. 10.
- Eddy, Harold C., assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Electric treater for emulsions. 2,033,419; Mar. 10.
- Eddy, Harold C., assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Method and apparatus for electrically treating emulsions. 2,033,420; Mar. 10.
- Eddy, Harold C., assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Method and apparatus for breaking emulsions. 2,034,285; Mar. 17.
- Eddy, Horace T., Omaha, Nebr. Nonglare headlight. 2,058,965; Oct. 27.
- Eddy Paper Corporation, The. (See Naylor, Milton K., assignor.)
- Eddy, Raymond, Los Angeles, Calif. Valve mechanism. 2,033,189; Mar. 10.
- Eddy, William C., U. S. Navy. Sound receiving apparatus. 2,051,032; Aug. 18.
- Edel, Alexander. (See Douglas, E. R., Heins, and Edel.)
- Edel, St. Clair N. (See Edel, Samuel T. and St. C. N.)
- Edel, Samuel T., Middle River, and St. C. N. Edel, Baltimore, Md. Fish bait sinker. 2,065,854; Dec. 29.
- Edelblute, Thomas H., Reynoldsville, Pa. Puller hoist. 2,051,832; Aug. 25.
- Edelmann Gesellschaft m. b. H. (See Cottrell, Osceola P., assignor.)
- Edelen, James L., South Bend, Ind., and S. F. Hunt, Detroit, Mich., assignors to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,064,596; Dec. 15.
- Edelman, Philip E., Chicago, Ill. Electric vaporizer and humidifier. 2,049,899; Aug. 4.
- Edelman, Philip E., assignor, by mesne assignments, to R. T. Mack, trustee, Chicago, Ill. Electrical condenser and its manufacture. 2,055,216; Sept. 22.
- Edelmann, E., & Co. (See Edelmann, Leo, assignor.)
- Edelmann, Leo, Chicago, Ill. Battery filler. 2,052,344; Aug. 25.
- Edelmann, Leo, assignor to E. Edelmann & Co., Chicago, Ill. Thermo-hydrometer. 2,043,405; June 9.
- Edelmann, Leo, assignor to E. Edelmann & Co., Chicago, Ill. Nozzle tip for hydrometer barrels. 2,046,776; July 7.
- Edelmeier, Hans, assignor to the firm "Ringfeder" Gesellschaft mit beschränkter Haftung, Uerdingen-on-the-Rhine, Germany. Ring rolling mill. 2,049,202; July 28.
- Edelmeier, Hans, assignor to the firm "Ringfeder" Gesellschaft mit beschränkter Haftung, Uerdingen-on-the-Rhine, Germany. Production of preliminarily shaped annular blanks. 2,058,007; Oct. 20.
- Edelson, Robert, Mishawaka, Ind., assignor to United States Rubber Products, Inc., New York, N. Y. Raincoat. 2,057,713; Oct. 20.
- Eden, Edward H., St. Louis, Mo. Dental appliance. 2,027,373; Jan. 14.
- Eden, Harold W., Chicago, Ill., assignor to Triple-A Specialty Company. Thermohydrometer. 2,040,547; May 12.
- Eden, Harold W., Chicago, Ill., assignor to Triple-A Specialty Company. Thermohydrometer. 2,054,969; Sept. 22.
- Eden, James A., Springfield, Mass. Laminated paper barrel. 2,030,693; Feb. 11.
- Eden, James A., Jr., assignor to Moore Drop Forging Company, Springfield, Mass. Making hinge leaves. 2,028,385; Jan. 21.
- Eden, James A., Jr., assignor to Moore Drop Forging Company, Springfield, Mass. Punch pressing operation. 2,050,045; Aug. 4.
- Eden, William H. (See Kister, Harry, assignor.)
- Edgar, Donald E., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Adhesive composition. 2,064,802; Dec. 15.
- Edgar, James, Brooklyn, N. Y. Manufacturing corn and other vegetable holders. 2,058,966; Oct. 27.
- Edgar, John, assignor to Barber-Colman Company, Rockford, Ill. Spline coupling. 2,038,554; Apr. 28.
- Edgar, Louis C., Swissvale, Pa. Open-hearth furnace. 2,040,472; May 12.
- Edgar, Mary A., Portland, Oreg. Egg boiling device. 2,039,477; May 5.
- Edgar, Robert F. (See La Pierre, C. W., and Edgar.)
- Edgar, Robert F., Schenectady, N. Y., assignor to General Electric Company. Flux meter. 2,054,672; Sept. 15.
- Edge, Walter S., Pittsburgh, and O. F. Arthur, Belle Vernon, assignors to Pittsburgh Steel Company, Pittsburgh, Pa. Road joint apparatus. 2,053,900; Sept. 8.
- Edge, Walter S., assignor to Pittsburgh Steel Company, Pittsburgh, Pa. Highway guard. 2,062,408; Dec. 1.
- Edgecomb, Bert, Binghamton, N. Y. Highway guard. 2,056,842; Oct. 6.
- Edgerton, Harley, assignor to Quinn Wire & Iron Works, Boone, Iowa. Float controlled valve mechanism. 2,054,560; Sept. 15.
- Edgerton, Henry Y., Alexandria, Va. Fruit juice extractor. 2,057,564; Oct. 13.
- Edgerton Manufacturing Co., The. (See Hall, Omer S., assignor.)
- Edgewater Steel Company. (See Wikander, Oscar R., assignor.)
- Edholm, Harald, Solidan, assignor to Aktiebolaget Svenska Fläktfabriken, Stockholm, Sweden. Drying and/or storing of vegetable material. 2,036,127; Mar. 31.
- Edible Bottle Company. (See Hall, Charles G., assignor.)
- Edison General Electric Appliance Company. (See Ettinger, Wallace J., assignor.)
- Edison General Electric Appliance Company. (See Ettinger, W. J., and Miller, assignors.)
- Edison General Electric Appliance Company. (See Maisch, Gustave F., assignor.)
- Edison General Electric Appliance Company. (See Schroeder, Clarence W., assignor.)
- Edison General Electric Appliance Company. (See Schulze, Herman W., assignor.)
- Edison General Electric Appliance Company. (See Sharp, John C., assignor.)
- Edison General Electric Appliance Company. (See Shroyer, Jacob L., assignor.)
- Edison General Electric Appliance Company. (See Simmons, Albert H., assignor.)
- Edison General Electric Appliance Company. (See Van Guilder, Walter, assignor.)
- Edison General Electric Appliance Company, Incorporated. (See Vanden Berg, Peter H., assignor.)
- Edison-Splitdorf Corporation. (See Dunham, Le Roy S., assignor.)
- Edison-Splitdorf Corporation. (See Dunham, L. S., and Smith, assignors.)
- Edison-Splitdorf Corporation. (See Klingner, Adolph F., assignor.)
- Edison-Splitdorf Corporation. (See Smith, Harry G., Jr., assignor.)
- Edison-Splitdorf Corporation. (See Smith, H. G., Jr., and Dunham, assignors.)
- Edison, Theodore M., assignor to Calibron Products, Incorporated, West Orange, N. J. Vibratory system. 2,033,190; Mar. 10.
- Edison, Thomas A., Incorporated. (See Appelberg, Axel O., assignor.)
- Edison, Thomas A., Incorporated. (See Dunning, Orville M., assignor.)
- Edison, Thomas A., Incorporated. (See Durand, N. C., and Gramann, assignors.)
- Edison, Thomas A., Incorporated. (See Edison, Thomas A., Jr., assignor.)
- Edison, Thomas A., Incorporated. (See Fox, Frederick L., assignor.)
- Edison, Thomas A., Incorporated. (See Gramann, Heinrich F. M., assignor.)
- Edison, Thomas A., Incorporated. (See Huenlich, Charles, assignor.)
- Edison, Thomas A., Incorporated. (See La Forest, Louis Z., assignor.)
- Edison, Thomas A., Incorporated. (See Langley, Sam G., assignor.)
- Edison, Thomas A., Jr., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electric toaster. 2,042,215; May 26.
- Edison, Thomas A., Jr., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Heating unit and the production thereof. 2,064,971; Dec. 22.
- Edley, George. (See Ayre, W. H., and Edley.)
- Edlin, George S., and H. H. Stewart, assignors to The New Zealand Edlin Stewart Engine Company, Limited, Auckland, New Zealand. Internal combustion engine. 2,029,990; Feb. 4.
- Edlund, Karl R. (See Evans, T., and Edlund.)
- Edmonds, George P., assignor to G & W Electric Specialty Co., Chicago, Ill. Pothead device. 2,050,293; Aug. 11.
- Edmonds, George P., assignor to G & W Electric Specialty Co., Chicago, Ill. Pothead device. 2,050,294; Aug. 11.
- Edmondson, Robert B., Riverside, Calif. Fishhook. 2,047,676; July 14.
- Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Brake actuating system. 2,050,937; Aug. 11.
- Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Mine car. 2,056,650; Oct. 6.
- Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Mine car. 2,056,651; Oct. 6.
- Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Car brake mechanism. 2,056,653; Oct. 6.
- Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Mine car. 2,056,654; Oct. 6.
- Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Combination spring drawbar and spring bumper. 2,060,049; Nov. 10.
- Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Draft and buffer gearing. 2,060,051; Nov. 10.
- Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Draft and buffer gearing. 2,060,052; Nov. 10.
- Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Draft and buffer gearing. 2,060,053; Nov. 10.
- Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Draft and Buffer gearing. 2,060,054; Nov. 10.



- Edmunds, Glenn E., and R. C. Purkhiser, assignors to The Bonney-Floyd Company, Columbus, Ohio. Spring mounted car. 2,056,652; Oct. 6.
- Edmunds, Glenn E., and J. L. Cawthon, Jr., assignors to The Bonney-Floyd Company, Columbus, Ohio. Combined spring bumper and spring drawbar. 2,060,050; Nov. 10.
- Edmunds, Howard M., New York, N. Y., assignor to Crocker-Wheeler Electric Manufacturing Company, Ampere, N. J. Overspeed switch. 2,062,121; Nov. 24.
- Edmunds, John D., Glen Ellyn, assignor to E. Buschman, Chicago, Ill. Feeding means for duplicating machines. 2,062,643; Dec. 1.
- Edmunds, Phillip S., Troy, Ohio. Timing device. 2,061,511; Nov. 17.
- Edmundson, Frank B. (See Dorment, Frank C., assignor.)
- Edna Brass Manufacturing Company, The. (See Corey, Elmer O., assignor.)
- Edrington, Ralph R., and W. C. Watson, Louisville, Ky. Automatic pressure-control for electric pumps. 2,043,579; June 9.
- Edsall, William S., Belmont, assignor to Condit Electrical Manufacturing Corporation, Hyde Park, Mass. Electric arc extinguishing medium. 2,038,507; Apr. 21.
- Edson, Frank H., Baton Rouge, La., assignor to Standard Oil Development Company. Cracking process for hydrocarbon oils. 2,027,355; Jan. 7.
- Edström, Erik, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,029,613; Feb. 4.
- Edström, Erik, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner nozzle. 2,047,677; July 14.
- Edwards, Charles, Oakland, Calif. Clothesline. 2,059,093; Oct. 27.
- Edwards, Alfred K. (See Fabian, H., and Edwards, assignors.)
- Edwards, Arthur O., Minneapolis, Minn. Air conditioning apparatus. 2,052,969; Sept. 1.
- Edwards, Basil. (See Bird, Charles F., assignor.)
- Edwards, Charles E., New Britain, Conn. Stroking holder for razor blades. 2,031,471; Feb. 18.
- Edwards, Charles R., Houston, Tex. Electrical driving machine. 2,051,249; Aug. 18.
- Edwards, Charles R., Houston, Tex. (Rotary jar. 2,055,683; Sept. 29.)
- Edwards, Chester E., East Grand Rapids, assignor to Lamar Pipe and Tile Company, Grand Rapids, Mich. Machine for making reticulated wire structures. 2,050,832; Aug. 11.
- Edwards and Company. (See Edwards, Roberts S., assignor.)
- Edwards, David F. (See Starr, J. V., and Edwards.)
- Edwards, David H., Kenmore, assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Film drying method and apparatus. 2,046,553; July 7.
- Edwards, Donald V., Montclair, N. J., assignor to Electrons, Incorporated of Delaware. Electrical standard. 2,040,768; May 12.
- Edwards, Donald V., Montclair, and E. K. Smith, East Orange, N. J., assignors to Electrons, Inc. Gaseous discharge tube and method of manufacture. 2,044,350; June 16.
- Edwards, Donald V., Montclair, and E. K. Smith, East Orange, N. J., assignors to Electrons, Inc., of Delaware. Gaseous discharge tube cathode. 2,065,997; Dec. 29.
- Edwards, Eldred E., Walnut Creek, and J. F. Putnam, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Proportional fluid feeding device. 2,050,565; Aug. 11.
- Edwards, Frank W., assignor to The Ohio Injector Company of Illinois, Chicago, Ill. Ball-check valve. 2,042,216; May 26.
- Edwards, George N., assignor to The Ohio Rubber Company, Willoughby, Ohio. Carcass scraper. 2,029,064; Jan. 8.
- Edwards, George N., assignor to The Ohio Rubber Company, Willoughby, Ohio. Roller skate. 2,039,153; Apr. 28.
- Edwards, Harry D., Larchmont, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Method and apparatus for distributing liquefied gases. 2,044,673; June 16.
- Edwards, Harvey G., assignor to American Can Company, New York, N. Y. Liquid dispenser. 2,045,589; June 30.
- Edwards, Henry J., Ottawa Hills, assignor to The Willvs-Overland Company, Toledo, Ohio. Vehicle construction. 2,059,626; Nov. 3.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,035,264; Mar. 24.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Fuel injection device. 2,035,265; Mar. 24.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Vibration damper for crank shafts. 2,038,027; Apr. 21.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,039,525; May 5.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,040,300; May 12.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Valve actuating mechanism. 2,047,061; July 7.
- Edwards, Hiram W., Los Angeles, assignor to Don Baxter, Inc., Glendale, Calif., as trustee for F. M. Turnbull, Don Baxter, Inc., H. W. Edwards, and L. H. McGowan. Mirror. 2,058,429; Oct. 27.
- Edwards, Hiram W., Los Angeles, assignor to Don Baxter, Inc., Glendale, Calif., trustee for F. M. Turnbull, Don Baxter, Inc., H. W. Edwards, and L. H. McGowan. Diffusion vacuum pump. 2,063,665; Dec. 8.
- Edwards Iron Works, Incorporated. (See Edwards, John S., assignor.)
- Edwards, J. & Co. (See Barbey, J. W., and Bartschl, assignors.)
- Edwards, J. & Co. (See Bartschl, A. G., and Huffine, assignors.)
- Edwards, John S., assignor to Edwards Iron Works, Incorporated, South Bend, Ind. Dumping vehicle. 2,034,674; Mar. 17.
- Edwards, John S., assignor to Edwards Iron Works, Incorporated, South Bend, Ind. Tractor and trailer coupling. 2,056,262; Oct. 6.
- Edwards, Junius D., Oakmont, Pa. Anode for electrolytic condensers. 2,043,038; June 2.
- Edwards, Kenion E., Atlanta, Ga. Sanding, polishing, and finishing machine. 2,050,295; Aug. 11.
- Edwards, Leonard L., Longview, Wash. Percolator top. 2,051,439; Aug. 18.
- Edwards, Martin A., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,056,348; Oct. 6.
- Edwards, Paul G. (See Radcliff, J. P., and Edwards.)
- Edwards, Paul G., Milburn, and C. E. Clutts, Clifton, N. J., assignors to American Telephone and Telegraph Company. Insulation testing system. 2,044,424; June 16.
- Edwards, Robert S., New Rochelle, N. Y., assignor to Edwards and Company, Inc. Transformer and power distribution arrangement. 2,038,075; Apr. 21.
- Edwards, Robert S., New Rochelle, N. Y., assignor to Edwards and Company, Inc. Mounting for signaling devices and the like. 2,041,995; May 26.
- Edwards, Russell T., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,046,939; July 7.
- Edwards, Samuel H. (See MacGregor, J. R., Folsom, and Edwards.)
- Edwards, Samuel H., Richmond, assignor to Standard Oil Company of California, San Francisco, Calif. Pressure still header. 2,026,674; Jan. 7.
- Edwards, T. J., Inc. (See Simeone, Adolph, assignor.)
- Edwards, Thomas O., Jr. (See Stark, D. D., and Edwards.)
- Edwards, William A., Santa Barbara, Calif. Method and apparatus for controlling photographic exposures. 2,026,675; Jan. 7.
- Edwards, William C. (See Dyer, J. B., and Edwards.)
- Edwards, William C., 3rd. (See Edwards, W. C., Jr., and W. C., 3rd.)
- Edwards, William C., Little Rock, Ark. Door operator. 2,054,898; Sept. 22.
- Edwards, William C., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Switch. 2,053,948; Sept. 8.
- Edwards, William C., Jr., and W. C. Edwards, 3rd, Kansas City, Mo., assignors to Chrysler Corporation, Highland Park, Mich. Floating engine mounting. 2,055,894; Sept. 29.
- Edwards, William C., and S. R. Conwell, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Lighting system. 2,059,790; Nov. 3.
- Edwards, William F. M., Earls Court, London, assignor to Filter Tips Limited, London, England. Cigarette. 2,028,828; Jan. 28.
- Edwards, William H., Great Neck, and C. W. Halligan, New York, N. Y., assignors to American Telephone and Telegraph Company. Selective signaling system. 2,053,605; Sept. 8.
- Edwards, William H., Great Neck, N. Y., assignor to American Telephone and Telegraph Company. Signaling system. 2,061,227; Nov. 17.
- Edwards, William J., Wichita Falls, Tex. Attachment for spudding and drilling. 2,030,692; Feb. 11.
- Edwards, William L. (See Hyle, J. A., and Edwards.)
- Eek, Albin C. (See Hall, A. E. C., Eek, and Huhn.)
- Eek, Thorlief. (See Larsson, M., and Eek.)
- Efcollite Corporation. (See Cominsky, Samuel, assignor.)
- Egeberg, Birger. (See Marcy, L. B., and Egeberg.)
- Egen, Heinrich, assignor to Fried, Krupp Aktiengesellschaft, Essen, Germany. Draft gear for railway vehicles. 2,064,891; Dec. 22.
- Eger, Ernest, Grosse Pointe Park, Mich., assignor to United States Rubber Company, New York, N. Y. Inner tube. 2,041,534; May 19.
- Eger, Ernst, Grosse Pointe Park, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Pneumatic tire and making same. 2,047,999; July 21.
- EGGE, Walter S. (See Allen, F. M., and Egge.)
- EGGE, Walter S. (See Bonney, R. D., and Egge.)
- Eggers, Hermann R. (See Dallmann, H., and Eggers.)
- Eggers, Hans A., Van Wert, Ohio. Device for applying adhesive tape to containers. 2,057,061; Oct. 13.
- Eggert, Johann. (See Gellendien, W., and Eggert.)



- Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Printing part color picture. 2,037,314; Apr. 14.
- Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen, Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Photographic printing. 2,049,694; Aug. 4.
- Eggert, John, Leipzig-Gohlis, and R. Schmidt, Dessau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Reproduction of sound. 2,053,396; Sept. 8.
- Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Photographic printing. 2,055,069; Sept. 22.
- Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen Krs. Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Color photography. 2,059,323; Nov. 3.
- Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Lenticular stencil film. 2,064,058; Dec. 15.
- Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Printing lenticular film. 2,064,892; Dec. 22.
- Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Printing lenticular film. 2,065,670; Dec. 29.
- Eggert, John, Leipzig-Gohlis, and R. Schmidt, Dessau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Reproduction of photographic sound records. 2,066,102; Dec. 29.
- Eggert, Joseph, deceased, Columbus, Ohio, E. L. Keny, administratrix. Machine for tamping earth. 2,031,695; Feb. 25.
- Eggleston, Lewis W., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,031,408; Feb. 18.
- Eggleston, Lewis W., assignor to Detroit Lubricator Company, Detroit, Mich. Heating system and control means therefor. 2,042,217; May 26.
- Eggleston, Lewis W., assignor to Detroit Lubricator Company, Detroit, Mich. Valve. 2,043,194; June 2.
- Eggleston, Lewis W., and E. J. Dillman, assignors to Detroit Lubricator Company, Detroit, Mich. Control device. 2,044,729; June 16.
- Eggleston, Lewis W., assignor to Detroit Lubricator Company, Detroit, Mich. Flow control means. 2,060,185; Nov. 10.
- Eggleston, Lewis W., assignor to Detroit Lubricator Company, Detroit, Mich. Regulator for heating apparatus. 2,061,537; Nov. 17.
- Eggleston, Oliver D., Carlton, Kans. Highway guard post. 2,030,623; Feb. 11.
- Egler, Louis A., Minneapolis, Minn. Bag. 2,061,302; Nov. 17.
- Egli, Eduard, and E. Schoch, Ruti, assignors to Maschinenfabrik Ruti vormals Caspar Honegger, Ruti, Switzerland. Weft bobbing for automatic weft supply. 2,027,769; Jan. 14.
- Eglinton, William D., Croydon, England. Hinge for spectacles, eyeglasses, and the like. 2,048,600; July 21.
- Eglinton, William D., Croydon, England. Folding spectacles. 2,064,525; Dec. 15.
- Egloff, Gustav. (See Morrell, J. C., and Egloff.)
- Egloff, Gustav, assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,060,291; Nov. 10.
- Egloff, Gustav, and A. Fisher, assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,061,833; Nov. 24.
- Egloff, Gustav, and J. C. Morrell, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,040,366; May 12.
- Egloff, Gustav, and J. C. Morrell, assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,057,424; Oct. 13.
- Egloff, Gustav, and J. C. Morrell, assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,063,494; Dec. 8.
- Egloff, Hans C., assignor to the firm of Sulzer Frères Société Anonyme, Winterthur, Switzerland. Steam generator of the once through type. 2,028,504; Jan. 21.
- Ego, Ross. (See Chambers, J., and Ego.)
- Egry Register Company, The. (See Pfeiffer, William C., assignor.)
- Egry Register Company, The. (See Pfeiffer, William C., and F. E., assignors.)
- Egry Register Company, The. (See Sargent, George H., assignor.)
- Egyesult Izzolampa es Villamossagi rt. (See Selényi, Paul, assignor.)
- Egyptian Lacquer Manufacturing Company, The. (See Howlett, G. W., and Hall, assignors.)
- Egyptian Lacquer Manufacturing Company, The. (See Thuesen, Dagfinn G., assignor.)
- Eheler, Roy L., assignor of one-fifth to M. P. Lyon, Shelby, Mont. Metallic windowpane seal. 2,047,062; July 7.
- Ehle, Paul W., Syracuse, N. Y. Apparatus for cooling and aerating liquids. 2,045,009; June 23.
- Ehlin, Edward, Roach, Colo. Tire chain binder. 2,051,690; Aug. 18.
- Ehnts, Fred H., assignor of one-half to F. K. Schneider, Philadelphia, Pa. Lubricating nozzle. 2,058,219; Oct. 20.
- Ehrenberg, Arthur C., Timberley, England, assignor to General Electric Company. Electric switchgear. 2,048,496; July 21.
- Ehrenberg, Arthur C., and G. A. Juhlin, Timperley, England, assignors to General Electric Company. Electric circuit interrupter. 2,036,800; Apr. 7.
- Ehrensperger, Charles, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric current interchange system. 2,056,655; Oct. 6.
- Ehrensperger, Charles, S. Widmer, A. Gaudenzi, and G. Brunner, assignors to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Electron discharge device control system. 2,037,567; Apr. 14.
- Ehret, Clement, White Plains, N. Y. Rotatable top stove. 2,062,870; Dec. 1.
- Ehrgott, Victor F. (See Barkeley, J. T., and Ehrgott.)
- Ehrgott, Victor F., assignor to John Grant, Los Angeles, Calif. Well cleaning device. 2,059,566; Nov. 3.
- Ehrhart, Gustav. (See Bockmühl, M., and Ehrhart.)
- Ehrhart, Gustav. (See Bockmühl, M., Ehrhart, and Stein.)
- Ehrhart, Gustav. (See Bockmühl M., Persch, and Ehrhart.)
- Ehrhart, Gustav. (See Bockmühl, M., Schaumann, Ehrhart, and Stein.)
- Ehrhart, Josef, Heidenheim-on-the-Brenz, Germany, assignor to American Voith Contact Co., Inc., New York, N. Y. Blade wheel propeller. 2,037,069; Apr. 14.
- Ehrig, Hans, and U. Keilhauer, Leipzig, Germany. Sheet feeder. 2,060,800; Nov. 17.
- Ehrke, Louis F., Newark, N. J., assignor to Westinghouse Lamp Company. X-ray tube. 2,053,327; Sept. 8.
- Ehrlich, Albert H., St. Joseph, Mo. Refrigerator display case. 2,039,685; May 5.
- Ehrlich, Emil E., Tampa, Fla. Take-up device. 2,063,234; Dec. 8.
- Ehrlich, Jacob, assignor to General Motors Corporation, Detroit, Mich. Friction transmission for motor vehicles. 2,057,140; Oct. 13.
- Ehrlich, Louis B., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Ignition device. 2,054,016; Sept. 8.
- Ehrlich, Louis B., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Ignition timing device. 2,066,069; Dec. 29.
- Ehrlich, Maximilian, Brooklyn, assignor to J. P. Fischer Inc., New York, N. Y. Support for hair drier hoods or the like. 2,051,833; Aug. 25.
- Ehrlich, Morris W., Lyndhurst, N. J., assignor to Commodore Heaters Corporation, New York, N. Y. Heating unit. 2,056,263; Oct. 6.
- Ehrmann, Kuno. (See Pott, A., Broche, and Ehrmann.)
- Ehrmann, Paul, Paris, France. Cooling of electric machines. 2,043,655; June 9.
- Ehrmantraut, Alfred, Hamilton, Ontario, Canada. Machine for the sale of newspapers. 2,065,127; Dec. 22.
- Ehrmantrout, Pauline, Casper, Wyo. Mop. 2,041,823; May 26.
- Eibert, Fritz, Munich, Germany, assignor to R. Wolff, Basel, Switzerland. Escapement device for paper carriages for typewriters. 2,046,731; July 7.
- Eibert, Fritz, Munich, Germany, assignor to Dr. Jur. R. Wolff, Basel, Switzerland. Escapement device. 2,063,371; Dec. 8.
- Eibert, Fritz, Munich, Germany, assignor to Dr. Jur. R. Wolff, Basel, Switzerland. Automatic shift-release device for typewriters. 2,063,372; Dec. 8.
- Eichel, John V., Jr., assignor to H. S. Getty & Co., Inc., Philadelphia, Pa. Panicproof lock. 2,029,991; Feb. 4.
- Eichelman, William H. (See Hall, E. E., and Eichelman.)
- Eichelman, William H., Des Plaines, and E. E. Hall, Chicago, Ill., said Hall assignor to said Eichelman. Expansion joint. 2,040,367; May 12.
- Eichelsdoerfer, Theodore P., Rock Island, Ill. Reflector sign for automobile bumpers. 2,060,055; Nov. 10.
- Eichengrün, Arthur, Charlottenburg, Germany, assignor to Celanese Corporation of America. Antifreeze compound. 2,038,724; Apr. 23.
- Eichengrün, Arthur, Charlottenburg, Germany, assignor to Celanese Corporation of America. Production of filaments, threads, bands, ribbons and the like, from cellulose derivatives. 2,057,141; Oct. 13.
- Eichert, Ernst, Weinsberg, assignor of one-half to M. Weger, Schweinfurt-on-the-Main, Germany. Floor covering composition. 2,033,421; Mar. 10.
- Eichert, Ernst H., Weinsberg, assignor of one-half to M. Weger, Schweinfurt-on-the-Main, Germany. Producing artificial stone. 2,057,330; Oct. 13.
- Eichholz, Willy. (See Nawiasky, P., and Eichholz.)
- Eichler, Armin. (See Altwegg, H., and Eichler.)
- Eichmann, Friedrich, and H. Nerad, Arnau-on-the-Elbe, Czechoslovakia. Making transparent films, foils, or skins. 2,027,682; Jan. 14.
- Eichmann, Theophil. (See Rufener, H., and Eichmann.)
- Eichmann, Theophil, Bern-Liebelfeld, Switzerland, assignor to International Carbonic Engineering Company, Kennet Square, Pa. Apparatus for solidifying carbon dioxide. 2,062,971; Dec. 1.



- Eichorn, Frederick W., Bellerose, N. Y., assignor to Pres-Toe Flatiron Corporation. Electric iron. 2,065,366; Dec. 22.
- Eichstädt, Karl, Berlin, Germany, assignor to Oxford Varnish Corporation, Detroit, Mich. Method and apparatus for decorating surfaces. 2,060,801; Nov. 17.
- Eichwald, Egon, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Process and product relating to olefine derivatives. 2,055,456; Sept. 22.
- Eicken, Hermann, Cologne, Germany. Device for atomizing powder. 2,051,440; Aug. 18.
- Eickhoff, Theodore H. (See Zorn, W. M., and Eickhoff.)
- Eickmeyer, Earl E. (See Horvath, A. G., and Eickmeyer.)
- Eickmeyer, Earl E., assignor to The Dayton Pump & Manufacturing Co., Dayton, Ohio. Refrigerator. 2,064,972; Dec. 22.
- Eidco, Inc. (See Hokanson, Martin, assignor.)
- Eidschun, Emil, Paterson, N. J. Paint removing implement. 2,038,555; Apr. 28.
- Eimslie, Wallace P., and P. Caldwell, assignors to Moorman Manufacturing Company, Quincy, Mass. Anthelmintic. 2,027,967; Jan. 14.
- Einbeck, Friedrich, Dortmund, Germany, assignor to The Stacey Bros. Gas Construction Company, Cincinnati, Ohio. Waterless gas holder. 2,054,693; Sept. 15.
- Einson-Freeman Co. (See Agate, C. C., and Einson, assignors.)
- Einson-Freeman Co. (See Einson, Morris M., assignor.)
- Einson-Freeman Co. (See Hailparn, Albert, assignor.)
- Einson-Freeman Co. (See Leigh, Nathan J., assignor.)
- Einson, Morris M. (See Agate, C. C., and Einson.)
- Einson, Morris M., Yonkers, N. Y., assignor to Einson-Freeman Co., Inc. Shipping and dispensing receptacle. 2,036,864; Apr. 7.
- Einstein, Albert. (See Bucky, G., and Einstein.)
- Einstein, David G. (See Goldman, Ralph H., assignor.)
- Einstein, Sol, Cincinnati, Ohio, assignor, by mesne assignments, to The Heald Machine Company, Worcester, Mass. Grinding machine and method. 2,039,711; May 5.
- Einstein, Sol, C. Booth, and F. S. Haas, Cincinnati, Ohio, assignors, by mesne assignments, to The Heald Machine Company, Worcester, Mass. Grinding machinery. 2,032,268; Feb. 25.
- Einstein, Sol, C. Booth, and F. S. Haas, Cincinnati, Ohio, assignors, by mesne assignments, to The Heald Machine Company, Worcester, Mass. Grinding machine. 2,032,269; Feb. 25.
- Einwaechter, Frederick H., Jr., West Haleshorpe, Md. Locomotive pilot, bumper, deck plate, and coupler structure. 2,027,269; Jan. 7.
- Eirich, Joseph. (See Eirich, Ludwig, and J.)
- Eirich, Ludwig, and J., Hardheim, Baden, Germany. Edge runner-like mixing and kneading machine. 2,031,149; Feb. 18.
- Eirich, Ludwig, and J. Eirich, Hardheim, Germany. Rotary closure for orifices. 2,056,603; Oct. 6.
- Eisen, Jay B., Yonkers, assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Container closure. 2,026,937; Jan. 7.
- Eisen, Jay B., Yonkers, assignor to Ferdinand Gutmann & Co., New York, N. Y. Strip material for container closures. 2,050,248; Aug. 11.
- Eisenberg, Charles G., Jr., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Vehicle body and hoist structure. 2,027,421; Jan. 14.
- Eisenberg, Charles G., Jr., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Convertible truck body. 2,054,122; Sept. 15.
- Eisenhauer, Charles P., assignor to The Duro Company, Dayton, Ohio. Water softener. 2,050,966; Aug. 11.
- Eisenhauer, Charles P., Dayton, Ohio. Water softener. 2,061,797; Nov. 24.
- Eisenhauer, Wynn E., Halifax, Nova Scotia, Canada. Mechanical lead pencil. 2,029,767; Feb. 4.
- Eisenhut, August. (See Pier, M., and Eisenhut.)
- Eisenhut, Otto. (See von Weinberg, A., Rein, and Eisenhut.)
- Eisenhut, Otto, Heidelberg, Hanns Rein, Hamburg von den Hohe, and E. Kaupp, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of artificial silk. 2,065,175; Dec. 22.
- Eisenman, Louis, Brooklyn, N. Y. Container and lock-cover therefor. 2,032,742; Mar. 3.
- Eisenmann, Frederick T., Milwaukee, Wis., assignor to The King Company, Owatonna, Minn. Apparatus for effecting quick freezing. 2,053,520; Sept. 8.
- Eisenmann, Karl, Ludwigshafen-on-the-Rhine, E. Scholz, Leipzig, and K. Wolf, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Unyte Corporation, New York, N. Y. Production of condensation products. 2,043,159; June 2.
- Eisen-u Stahlwerk Walter Peyinghaus. (See Lehmann, Walter.)
- Eiserer, Charles W., Chicago, Ill., assignor to Rotary Lift Company, Memphis, Tenn. Lift. 2,026,938; Jan. 7.
- Eisinger, John O., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Process and apparatus for dispensing gasoline. 2,065,128; Dec. 22.
- Eisler, Charles, South Orange, N. J. Sealing machine. 2,063,235; Dec. 8.
- Eisler, Charles, South Orange, N. J. Machine for cutting bars and tubes of glass. 2,063,236; Dec. 8.
- Eisler Electric Corporation. (See Laise, Clemens A., assignor.)
- Eisner, Jack, and S. G. Hoffman, assignors to Graphicut Displays, Inc., New York, N. Y. Advertising device. 2,043,209; June 2.
- Eistert, Bernd. (See Krzikalla, H., and Eistert.)
- Eistert, Bernd, Mannheim, H. Krzikalla and G. von Rosenberg, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs and their production. 2,059,094; Oct. 27.
- Eitel, William W., San Bruno, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Glass working apparatus. 2,040,602; May 12.
- Eitel, William W., and J. McCullough, San Bruno, assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Keying circuit. 2,026,874; Jan. 7.
- Eitel, William W., and J. McCullough, San Bruno, assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Electrode mounting. 2,030,361; Feb. 11.
- Eitel, William W., and J. McCullough, San Bruno, assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Space discharge device. 2,030,362; Feb. 11.
- Eitel, William W., and J. McCullough, San Bruno, assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Cathode. 2,037,217; Apr. 14.
- Eitel, William W., San Bruno, and J. McCullough, Palo Alto, assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Electrode supporting structure. 2,038,926; Apr. 28.
- Eitel, William W., and J. McCullough, San Bruno, Calif., assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Vapor filled thermionic tube. 2,038,927; Apr. 28.
- Eitel, William W., and J. McCullough, San Bruno, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Oscillator system. 2,054,899; Sept. 22.
- Eitel, William W. and J. McCullough, San Bruno, assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Forming electrodes. 2,061,759; Nov. 24.
- Eitzen, August D., assignor to News Projection Corporation, New York, N. Y. Stock quotation projecting device. 2,026,522; Jan. 7.
- Eitzen, August D., assignor to News Projection Corporation, New York, N. Y. Tape drawing device. 2,045,536; June 23.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Lamp and lens housing for projectors. 2,028,505; Jan. 21.
- Eitzen, August D., Rockville Centre, N. Y., assignor to News Projection Corporation, New York, N. Y. Tape guide mechanism for quotation projectors. 2,028,767; Jan. 28.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Machine for cutting and winding ribbon tape. 2,032,355; Mar. 3.
- Eitzaen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Traveling sign. 2,033,130; Mar. 10.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Optical system. 2,037,014; Apr. 14.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Tape pulling device. 2,043,240; June 9.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Stock quotation projecting machine. 2,045,538; June 23.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Tape drawing device. 2,045,539; June 23.
- Eitzaen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Electric switch. 2,047,902; July 14.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Stock ticker and tape puller. 2,051,691; Aug. 18.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Stock quotation machine. 2,052,390; Aug. 25.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Ticker tape projecting machine. 2,061,512; Nov. 17.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Message recording machine. 2,062,298; Dec. 1.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Optical system. 2,064,893; Dec. 22.
- Eitzen, August D., Flushing, assignor to News Projection Corporation, New York, N. Y. Stock quotation projecting machine. 2,045,537; June 23.
- Ek, Arthur E. (See Ek, Emil, and A. E.)
- Ek, Emil, and A. E., Portland, Maine. Counting device. 2,030,624; Feb. 11.
- Ekberg, Carl J., Oakland, Calif. Toy. 2,059,447; Nov. 3.
- Ekbom, Hilmer N. (See Olson, G. H., and Ekbom.)
- Ekholm, Herbert W. (See Busse, E. G., and Ekholm.)
- Eklind, Carl E. (See Tobin, K. J., and Eklind.)
- Ekman, Olof I. H., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Fire alarm system. 2,028,653; Jan. 21.
- Ekman, Olof I. H., Stockholm, Sweden. Automatic alarm system. 2,059,510; Nov. 3.
- Ekre, Oscar K., Forks, Mont. Insect destroyer. 2,029,225; Jan. 28.



- Eksergian, Carolus L. (See Budd, E. G., and Eksergian.)
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Wheel rim. 2,028,536; Jan. 21.
- Eksergian, Carolus L., Detroit, Mich., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Die press safety system. 2,028,768; Jan. 28.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Roller bearing for rolling mills. 2,030,104; Feb. 11.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Wheel. 2,032,797; Mar. 3.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Artillery wheel. 2,041,326; May 19.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Dual rim wheel. 2,041,996; May 26.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake. 2,042,445; May 26.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 2,043,951; June 9.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 2,045,901; June 30.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Composite artillery wheel. 2,045,902; June 30.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Artillery wheel structure. 2,047,137; July 7.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Reinforced artillery wheel. 2,049,052; July 28.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 2,057,565; Oct. 13.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Wheel. 2,066,256; Dec. 29.
- Eksergian, Carolus L., and P. E. Baker, Detroit, Mich., assignors to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Rail car wheel. 2,032,051; Feb. 25.
- Ekstedt, John W., assignor to Radio Corporation of America, Belleville, N. J. Box stapling machine. 2,033,459; Mar. 10.
- Ekstromer, Edward C., assignor of one-half to H. J. Lloyd, Los Gatos, Calif. Protecting means for mechanisms. 2,031,826; Feb. 25.
- Ekstromer, Edward C., assignor of one-half to H. J. Lloyd, Los Gatos, Calif. Protecting mechanisms. 2,034,753; Mar. 24.
- Ekstromer, Edward C., assignor of one-half to H. J. Lloyd, Los Gatos, Calif. Protecting mechanisms. 2,034,754; Mar. 24.
- Elastic Asphalt Company. (See Gaiennie, George B., assignor.)
- Elastic Stop Nut Corporation. (See Swanstrom, Arthur C., assignor.)
- Elbel, Eberhard, assignor to Henkel & Cie, G. m. b. H., Dusseldorf, Germany. Preparation of ethers having at least 8 carbon atoms in the molecule. 2,028,654; Jan. 21.
- Elbel, Eberhard, Dusseldorf, Germany, assignor, by mesne assignments, to International Scientific Products Co., Chicago, Ill. Preparation for the teeth and the mouth. 2,054,742; Sept. 15.
- Elbel, Eberhard, and A. Kirstahler, assignors to Henkel & Cie., Gesellschaft mit beschränkter Haftung, Dusseldorf, Germany. Preparation of mercaptans. 2,031,529; Feb. 18.
- Elbel, Eberhard, and E. L. Miller, assignors to firm Henkel & Cie., G. m. b. H., Dusseldorf, Germany. High-molecular sulphur compounds and manufacturing the same. 2,050,169; Aug. 4.
- Elberty, Robert S., Jr., Wilkesburg, Pa., assignor, by mesne assignments, to The American Laundry Machinery Company. Control system. 2,045,381; June 23.
- Elberty, Robert S., Jr., Wilkesburg, Pa., and G. C. Pearce, Dayton, Ohio, assignors to Westinghouse Electric & Manufacturing Company. Laundry washer control. 2,036,201; Apr. 7.
- Elbertz, Frank V., Lake Orion, Mich. Arcuate pitch cone gearing. 2,028,148; Jan. 21.
- Elbow, Charles W., Paterson, N. J. Dispensing container. 2,037,771; Apr. 21.
- Elder, Flint C., Cleveland Heights, Ohio. Manufacture of hot galvanized articles. 2,049,834; Aug. 4.
- Elder, John D., Catonsville, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Crown cap and apparatus for forming same. 2,048,062; July 21.
- Elder, Paul, assignor to Roy D. Lamond, Chicago, Ill. Electrical conduit. 2,064,199; Dec. 15.
- Elder, Thomas A. (See White, W. C., and Elder.)
- Eldorado Escalator Company. (See Burke, James L., assignor.)
- Eldred, Byron E. (See Leonard, G., and Eldred.)
- Eldred, Byron E., New York, N. Y. Metal casting. 2,048,733; July 28.
- Eldred, Byron E., New York, N. Y. Draw-casting metal tubes. 2,048,734; July 28.
- Eldred, George S., Chicago, Ill. Bag emptying device. 2,041,401; May 19.
- Eldred, Glen R., Cleveland, Ohio. Robbery prevention apparatus. 2,033,694; Mar. 10.
- Eldredge, Merrill J., Salt Lake City, Utah. Building construction. 2,054,694; Sept. 15.
- Eldridge, Hilliary, deceased, by M. K. Eldridge, administratrix, Oakland, Calif. Aluminum furnace. 2,045,073; June 23.
- Eldridge, Howard B., and C. E. Klein, St. Louis, Mo. Machine for testing clutch assemblies. 2,044,067; June 16.
- Eldridge, Leonard C., and B. G. Symon, St. Louis, Mo., assignors to Shell Development Company, San Francisco, Calif. Indexing service board. 2,030,517; Feb. 11.
- Eldridge, Martha K., administratrix. (See Eldridge, Hilliary.)
- Eldridge, Robert W., Nutley, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Producing perforate rubber articles. 2,032,923; Mar. 3.
- Eldridge, Robert W., Nutley, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Treatment of latex. 2,056,569; Oct. 6.
- Electric Arc Cutting & Welding Company. (See Holslag, Claude J., assignor.)
- Electric Auto-Lite Company, The. (See Eaton, Harrison H., assignor.)
- Electric Auto-Lite Company. (See Ehrlich, Louis B., assignor.)
- Electric Auto-Lite Company, The. (See Hogenbirk, Nicholas, assignor.)
- Electric Auto-Lite Company, The. (See Liner, Joseph I., assignor.)
- Electric Boat Company. (See Spear, Lawrence Y., assignor.)
- Electric Devices Corporation. (See Sperry, Theodore A., assignor.)
- Electric Furnace Company, The. (See Bechtel, T. B., and Eberwein, assignors.)
- Electric Furnace Company, The. (See Cope, Frank T., assignor.)
- Electric Furnace Company, The. (See Mawhinney, M. H., and Leahy, assignors.)
- Electric Game Company, The. (See Prentice, James M., assignor.)
- Electric Household Utilities Corporation. (See Hart, Harold L., assignor.)
- Electric Household Utilities Corporation. (See Hume, John T., assignor.)
- Electric Household Utilities Corporation. (See McCaughan, William J., assignor.)
- Electric Motor Corporation. (See Dunham, Irvie H., assignor.)
- Electric and Musical Industries Limited. (See Blumlein, Alan D., assignor.)
- Electric & Musical Industries Limited. (See Broadway, L. F., and Tedham, assignors.)
- Electric & Musical Industries, Ltd. (See Kinross, Rupert I., assignor.)
- Electric and Musical Industries Limited. (See Osborne, Charles P., assignor.)
- Electric and Musical Industries, Limited. (See Oura, Hector L., assignor.)
- Electric and Musical Industries Limited. (See Whyte, Samuel, assignor.)
- Electric and Musical Industries Limited. (See Willans, Peter W., assignor.)
- Electric and Musical Industries Limited. (See Whitaker, A., and Browne, assignors.)
- Electric Smelting & Aluminum Company, The. (See Cowles, Edwin, assignor.)
- Electric Smelting and Aluminum Co., The. (See Folger, Roy C., assignor.)
- Electric Sorting Machine Company. (See Hanson, Martin C., assignor.)
- Electric Sprayit Company, The. (See Wade, Charles T., assignor.)
- Electric Steel Foundry Company. (See Hanson, Robert P., assignor.)
- Electric Steel Foundry Company. (See Swigert, Charles F., Jr., assignor.)
- Electric Steel Foundry Company. (See Younie, Lewis E., assignor.)
- Electric Storage Battery Company, The. (See Ambruster, Cornelius, assignor.)
- Electric Storage Battery Company, The. (See Beetem, Frank G., assignor.)
- Electric Storage Battery Company, The. (See Browne, Arthur W., assignor.)
- Electric Storage Battery Company, The. (See Dunn, William E., assignor.)
- Electric Storage Battery Company, The. (See Galloway, Charles D., assignor.)
- Electric Storage Battery Company, The. (See Grothe, Ernest F. H., assignor.)
- Electric Storage Battery Company, The. (See Hall, Clarence A., assignor.)
- Electric Storage Battery Company, The. (See Kershaw, William E., assignor.)
- Electric Storage Battery Company, The. (See Lord, Edward L., assignor.)
- Electric Storage Battery Company, The. (See Smith, Edward W., assignor.)
- Electric Storage Battery Company, The. (See Smith, E. W., and Hall., assignors.)
- Electric Storage Battery Company, The. (See Wallace, Curtis C., assignor.)



- Electric Storage Battery Co., The. (See Woodbridge, Joseph L., assignor.)
- Electric Storage Battery Company, The. (See Woodbridge, Joseph L., assignor.)
- Electric Trading Corporation. (See Goldbert, M. L., and Watts, assignors.)
- Electric Vacuum Cleaner Company. (See Baker, Newton D., assignor.)
- Electric Vacuum Cleaner Company. (See Kroenlein, Henry A., assignor.)
- Electric Vacuum Cleaner Company. (See Lang, Henry T., assignor.)
- Electrical Patent Holding Corporation. (See Johnson, Gustave A., assignor.)
- Electrical Research Products Inc. (See Fetter, C. H., assignor, Morton, and Stoller.)
- Electricitätsgesellschaft "Sanitas" G. m. b. H. (See Kiss, Fritz, assignor.)
- Electro-Acoustic Products Company. (See Freimann, Frank, assignor.)
- Electro-Acoustic Products Company. (See Friemann, F., and Friesner, assignors.)
- Electroblacks, Incorporated. (See Jakosky, John J., assignor.)
- Electro Chemical Corporation. (See Burke, James P., assignor.)
- Electro Chemical Corp. et al. (See Sellander, Charles J., assignor.)
- Electro-Chemical Engineering Corporation. (See Carrick, O. W., and Seniff, assignors.)
- Electro-Chemical Engineering Corporation. (See Gunder-son, Lewis O., assignor.)
- Electrofoam Corporation. (See Jensen, William, assignor.)
- Electro-Gas Corporation. (See Nolan, Frank J., assignor.)
- Electrol Incorporated. (See Koeln, George R., assignor.)
- Electroline Company. (See Berndt, Arthur A., assignor.)
- Electrolock Manufacturing Company. (See Hemingway, W., and Whyte, assignors.)
- Electrolux Corporation. (See Ahnström, Erik G., assignor.)
- Electrolux Corporation. (See Biéth, Tom C., assignor.)
- Electrolux Corporation. (See Bilde, Tord E. D., assignor.)
- Electrolux Corporation. (See Bilde, T. E. D., and Eriks-son-Jons, assignors.)
- Electrolux Corporation. (See Carlstedt, Fredrik, assignor.)
- Electrolux Corporation. (See Dietenberger, Joseph A., assignor.)
- Electrolux Corporation. (See Edström, Erik, assignor.)
- Electrolux Corporation. (See Ell, Lars, assignor.)
- Electrolux Corporation. (See Forsberg, Axel A., assignor.)
- Electrolux Corporation. (See Hansson, Erik O., assignor.)
- Electrolux Corporation. (See Hansson, Erik O. H., assignor.)
- Electrolux Corporation. (See Heuberger, Joseph F., assignor.)
- Electrolux Corporation. (See Karlström, Fredrik J. R., assignor.)
- Electrolux Corporation. (See Ljungquist, Gustaf, assignor.)
- Electrolux Corporation. (See Lofgren, Gustaf E., assignor.)
- Electro Metallurgical Company. (See Becket, F. M., and Franks, assignors.)
- Electro Metallurgical Company. (See Kinzel, Augustus B., assignor.)
- Electro Metallurgical Company. (See Read, William C., assignor.)
- Electromatic Typewriters, Inc. (See Thompson, Russell G., assignor.)
- Electron Corporation, The. (See Macksoud, Michel, assignor.)
- Electronic Laboratories, Incorporated, et al. (See Comstock, J. A., and Garstang, assignors.)
- Electronic Laboratories, Incorporated. (See Garstang, William W., assignor.)
- Electrons, Inc. (See Edwards, D. V., and Smith, assignors.)
- Electrons, Incorporated of Delaware. (See Edwards, Donald V., assignor.)
- Electrons, Inc., of Delaware. (See Edwards, D. V., and Smith, assignors.)
- Elektricitätsgesellschaft "Sanitas". (See Herrmann, Heinrich, assignor.)
- Elektricitätsgesellschaft "Sanitas". (See Kahlhofer, Wolfram, assignor.)
- Elektricitätsgesellschaft "Sanitas" m. b. H. (See Bergk, K., and Hofmann, assignors.)
- Elers, Karl F., Pittsburgh, Pa. Rail anchor. 2,036,686; Apr. 7.
- Elevator Company of America. (See Rice, Joseph, assignor.)
- Elfers, Paul A., assignor to Fisher Governor Company, Marshalltown, Iowa. Liquid level responsive device. 2,041,997; May 26.
- Elgaard, Lauritz, Kew Gardens, N. Y., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Hot gas valve. 2,029,864; Feb. 4.
- Elger, Franz, Basel, Switzerland, assignor to Hoffman-La Roche Inc., Nutley, N. J. Concentrated aqueous solutions of the follicular hormone. 2,035,152; Mar. 24.
- Elger, Franz, Basel, Switzerland, assignor to Hoffman-La Roche Inc., Nutley, N. J. Stable solutions of dihydroxy-diamino-arsenobenzene and its derivatives. 2,035,153; Mar. 24.
- Elger, Franz, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Vitaminizing foods and product thereof. 2,058,220; Oct. 20.
- Elgin Manufacturing Company. (See Baldwin, Harold R., assignor.)
- Elgin National Watch Company. (See Gabriel, William A., assignor.)
- Ella, Giovanni E., Rome, Italy. Submarine barrier. 2,056,570; Oct. 6.
- Ellan, Arthur J., assignor to Vacuum Process Mineral Extracting Company, Mexico, D. F., Mexico. Settling and clarifying liquids, semiliquids, and pulps containing finely divided particles of matter. 2,046,110; June 30.
- Elias, Michael A., 2d. (See Elias, Percy I., and M. A., 2d.)
- Elias, Nathaniel M., New York, N. Y. Insulating material. 2,029,311; Feb. 4.
- Elias, Nathaniel M., New York, N. Y. Alkali silicate heat and sound insulating composition. 2,047,016; July 7.
- Elias, Percy I. and M. A., 2d, Long Beach, N. Y. Lighting fixture. 2,063,730; Dec. 8.
- Eliot, Samuel, Newton, Mass., assignor to Cage, Inc. Garage. 2,034,028; Mar. 17.
- Elite Specialty Metal Co. (See Rosovsky, Nathan, assignor.)
- Elk City Cotton Oil Company. (See Mackenzie, Alexander S., assignor.)
- Elkin, Jo P. G., Tampa, Fla. Method and apparatus for packing articles and materials. 2,058,070; Oct. 20.
- Elkington, James E., San Francisco, Calif. Dishwashing machine. 2,029,563; Feb. 4.
- Elkins, Elmer C., assignor of one-half to L. Mize, Palestine, Texas. Pipe coupling. 2,057,771; Oct. 20.
- Ell, Lars, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Nozzle. 2,033,615; Mar. 10.
- Ell, Lars, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Nozzle for vacuum cleaners. 2,038,424; Apr. 21.
- Ell, Lars, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,060,980; Nov. 17.
- Ellacott, Victor H., Spring Valley, Minn. Machine for making and applying staples. 2,060,930; Nov. 17.
- Elledge, Harvey G., and A. Hirsch, assignors to Diamond Alkali Company, Painesville, Ohio. Purification of caustic soda. 2,030,694; Feb. 11.
- Elledge, Harvey G., and A. Hirsch, assignors to Diamond Alkali Company, Painesville, Ohio. Recovering strontium. 2,035,366; Mar. 24.
- Ellenberger, Clarence M., assignor to Lyon Cover Company, Detroit, Mich. Tire cover. 2,038,209; Apr. 21.
- Eller, Arthur L., assignor to R. E. Lutkins, Olathe, Kans. Illuminated folding table. 2,031,304; Feb. 18.
- Eller, James and L., and F. J. Youmans, Wheat Ridge, Colo. Magazine nail hammer. 2,056,571; Oct. 6.
- Eller, Lee. (See Eller, J. and L., and Youmans.)
- Ellery, Arthur B., Akron, Ohio. Accelerator control device. 2,033,821; Mar. 10.
- Ellestad, Gerhard A., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,058,673; Oct. 27.
- Ellestad, Gerhard A., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope illuminator. 2,059,781; Nov. 3.
- Ellestad, Gerhard A., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,065,671; Dec. 29.
- Ellestad, Gerhard A., Rochester, and C. S. Salmon, Greece, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,064,376; Dec. 15.
- Elley, Harold W., and H. W. Walker, assignors, by mesne assignments, to Gasoline Antioxidant Company, Wilmington, Del. Gum inhibitor for hydrocarbon fuels. 2,065,568; Dec. 29.
- Ellinger, Flora, Milwaukee, Wis. Pie pan. 2,026,829; Jan. 7.
- Ellinger, Flora, Milwaukee, Wis. Boy's shirt. 2,036,322; Apr. 7.
- Ellingworth, Samuel, N. H. Haddock, F. Lodge, and C. H. Lumsden, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Anthraquinone lactam dyestuffs. 2,036,202; Apr. 7.
- Ellinwood, Albert G., Goldsboro, N. C. Paper weight. 2,043,611; June 9.
- Elliott Addressing Machine Company. (See Elliott, Harmon P., assignor.)
- Elliott, Bernard S., Milwaukee, Wis., assignor to Automatic Unit Corporation. Sorting machine. 2,053,328; Sept. 8.
- Elliott, Charles R., New York, N. Y. Thermo-therapeutical method and apparatus. 2,058,780; Oct. 27.
- Elliott Company. (See Elliott, William S., assignor.)
- Elliott Company. (See Humble, Eugene A., assignor.)
- Elliott, Earle C., and R. Winberg, assignors to Hazelwyn, Inc., Providence, R. I. Earring. 2,040,083; May 12.
- Elliott, Edward O., Jenkintown, Pa. Locomotive driving wheel. 2,055,788; Sept. 29.
- Elliott, Ernest J. (See Gura, Carl M., assignor.)
- Elliott, Erwin B., et al. (See Dietz, Valentin, assignor.)



- Elliott, Fern B., and E. I. Pollard, Mendon, Mo. All metal collapsible egg case. 2,027,683; Jan. 14.
- Elliott, Harmon P., Watertown, Mass. Addressing and listing machine. 2,035,695; Mar. 31.
- Elliott, Harmon P., Watertown, Mass. Stencil tray and tray holder. 2,042,516; June 2.
- Elliott, Harmon P., Watertown, Mass. Stencil moistening machine and stencil therefor. 2,049,537; Aug. 4.
- Elliott, Harmon P., Watertown, Mass., assignor to The Elliott Addressing Machine Company. Rotary printing apparatus. 2,053,070; Sept. 1.
- Elliott, Harmon P., Watertown, Mass., assignor to The Elliott Addressing Machine Company. Selective stencil printing apparatus and stencil for use in same. 2,053,071; Sept. 1.
- Elliott, Harmon P., Watertown, assignor to Elliott Addressing Machine Company, Cambridge, Mass. Stencil printing apparatus. 2,054,695; Sept. 15.
- Elliott, Harold E. (See Gouldbourn, J., Elliott, and Hopkins.)
- Elliott, Harold E. (See Ricks, F., and Elliott.)
- Elliott, Harold E. (See Ricks, F. Elliott, and Choice.)
- Elliott, Harold E., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Needle lubricating mechanism. 2,051,250; Aug. 18.
- Elliott, Harold F., Palo Alto, Calif. Automatic clutch control. 2,028,198; Jan. 21.
- Elliott, Harold F., Palo Alto, Calif. Detecting and amplifying system. 2,030,913; Feb. 18.
- Elliott, Harold F., Palo Alto, Calif. Electron tube and circuit therefor. 2,045,982; June 30.
- Elliott, Harold F., Palo Alto, Calif. Modulator and demodulator. 2,058,430; Oct. 27.
- Elliott, Harold F., Palo Alto, Calif. Oscillator and modulator. 2,065,672; Dec. 29.
- Elliott, Harry A. Jefferson, Iowa. Pretzel making machine. 2,056,838; Oct. 6.
- Elliott, Harry A., Jefferson, Iowa. Machine for making pretzels. 2,057,772; Oct. 20.
- Elliott, Harry D. (See Fossa, J., and Elliott.)
- Elliott, Harry R., assignor to M. & E. Manufacturing Company, Omaha, Nebr. Lubricant dispensing nozzle. 2,038,508; Apr. 21.
- Elliott, Hiram A., East Orange, N. J. Bottle carrier. 2,052,756; Sept. 1.
- Elliott, Mary J. (See Elliott, Roy D. and M. J.)
- Elliott, Olin S., Spartanburg, S. C. Humidifier bottom. 2,036,930; Apr. 7.
- Elliott, Peter M., assignor to Universal Merit Corporation, Cleveland, Ohio. Storage system. 2,053,816; Sept. 8.
- Elliott, Roy D. and M. J., Jersey City, N. J. Clarifying liquid. 2,057,887; Oct. 20.
- Elliott, William, assignor to Dempster Mill Manufacturing Company, Beatrice, Nebr. Cleaning and polishing pad for disks. 2,045,762; June 30.
- Elliott, William C., and D. H. McNamee, Minco, Okla. Adjustable spout for granular materials. 2,049,993; Aug. 4.
- Elliott, William S., assignor to Elliott Company, Pittsburgh, Pa. Tube cleaner. 2,045,761; June 30.
- Elliott, William S., assignor to Elliott Company, Pittsburgh, Pa. Tube cleaner. 2,063,991; Dec. 15.
- Ellis, Carl J., Lancaster, Wis. Fowl rack. 2,051,989; Aug. 25.
- Ellis, Carleton, Montclair, N. J. Factis and making same. 2,054,283; Sept. 15.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Transparent tissue and making same. 2,029,525; Feb. 4.
- Ellis, Carleton, Montclair, N. J., assignor to Chadeloid Chemical Company, New York, N. Y. Finish removing process. 2,029,992; Feb. 4.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Water-resistant sandpaper and other abrasive papers and making same. 2,031,362; Feb. 18.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Reaction product and making same. 2,033,131; Mar. 10.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Diene type reaction product and making same. 2,033,132; Mar. 10.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Varnish basis and making same. 2,033,133; Mar. 10.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Surface finishes of the paint, varnish, enamel, and lacquer type comprising a baked coating carrying a synthetic resin. 2,037,710; Apr. 21.
- Ellis, Carleton, Montclair, N. J., assignor to Standard Oil Development Company. Liquid composition containing rubber. 2,038,556; Apr. 28.
- Ellis, Carleton, Montclair, N. J., assignor to Standard Oil Development Company. Paper material carrying a resin of petroleum origin. 2,042,299; May 26.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Petroleum oxidation products and their utilization. 2,043,992; June 16.
- Ellis, Carleton, Montclair, N. J., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Spray dried soap and making same. 2,046,449; July 7.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Substitute for butter intended for use in tropical regions. 2,054,072; Sept. 15.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Resin or balsam prepared with the aid of a reaction-modifier and making same. 2,056,656; Oct. 6.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Urea product. 2,057,672; Oct. 20.
- Ellis, Carleton, Montclair, N. J., assignor to Standard-I.G. Company. Hydrogenated naphtha soap. 2,058,781; Oct. 27.
- Ellis, Carleton, Jr., Montclair, N. J. Illuminated-image projector with intermittent burning lamp and natural draft lamp cooling. 2,060,560; Nov. 10.
- Ellis, Carleton, Montclair, N. J., assignor to Standard Oil Development Company. Treating lubricating and other oils. 2,062,355; Dec. 1.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Products of diene synthesis. 2,063,540; Dec. 8.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Paint and varnish. 2,063,541; Dec. 8.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Diene resin. 2,063,542; Dec. 8.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Siccative composition and making same. 2,063,869; Dec. 8.
- Ellis, Carleton, Montclair, and W. P. ter Horst, Wayne, N. J., assignors to Ellis-Foster Company. Sulphur containing plastic and making same. 2,026,875; Jan. 7.
- Ellis, Charles, Victoria, British Columbia, Canada. Washing machine. 2,051,441; Aug. 18.
- Ellis, Charles D., San Mateo, Calif. Trap. 2,059,937; Nov. 3.
- Ellis, Christopher H., and C. W. Cave, London, England. Apparatus for punching index cards. 2,049,003; July 28.
- Ellis, Delbert. (See Armstrong, G. C., and Ellis.)
- Ellis, Don G. (See Thomas, C. C., and Ellis.)
- Ellis, Don G., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,042,517; June 2.
- Ellis, Elmer A., Medford, Mass. Insole. 2,049,159; July 28.
- Ellis-Foster Company. (See Bradley, Theodore F., assignor.)
- Ellis-Foster Company. (See Ellis, Carleton, assignor.)
- Ellis-Foster Company. (See Ellis, C., and ter Horst, assignors.)
- Ellis, George. (See Davis, B., Ellis, and Coates.)
- Ellis, George. (See Saunders, C. W., and Ellis.)
- Ellis, George D., and Sons, Incorporated. (See Taylor, William T., assignor.)
- Ellis, George H. (See Kirk, E. W., and Ellis.)
- Ellis, George H. (See Olpin, H. C., and Ellis.)
- Ellis, George H., St. Paul, assignor to The Insulite Company, Minneapolis, Minn. Fibrous product and making the same. 2,027,581; Jan. 14.
- Ellis, George H., St. Paul, assignor to The Insulite Company, Minneapolis, Minn. Apparatus for and process of making synthetic products. 2,030,625; Feb. 11.
- Ellis, George H., St. Paul, assignor to The Insulite Company, Minneapolis, Minn. Fibrous product and making the same. 2,030,626; Feb. 11.
- Ellis, George H., St. Paul, assignor to The Insulite Company, Minneapolis, Minn. Making synthetic products. 2,036,466; Apr. 7.
- Ellis, George H., St. Paul, assignor to The Insulite Company, Minneapolis, Minn. Sound absorptive and fire-proof body. 2,036,467; Apr. 7.
- Ellis, George H., St. Paul, assignor to The Insulite Company, Minneapolis, Minn. Heat and sound insulating composition. 2,041,120; May 19.
- Ellis, George H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Pyrazolone azo dyestuffs. 2,047,315; July 14.
- Ellis, George H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Coloration of textile material. 2,053,276; Sept. 8.
- Ellis, George H., and R. C. Storey, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile or other materials. 2,028,769; Jan. 28.
- Ellis, George H., and F. Brown, Spondon, near Derby, England, assignors to Celanese Corporation of America. Dyestuffs and their application. 2,029,312; Feb. 4.
- Ellis, George H., and F. Brown, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production and application of new dyestuffs. 2,029,313; Feb. 4.
- Ellis, George H., and E. W. Kirk, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of textile materials. 2,040,927; May 19.
- Ellis, George H., and H. C. Olpin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of materials. 2,048,785; July 28.
- Ellis, George H., and E. W. Kirk, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile material. 2,048,786; July 28.
- Ellis, George H., H. C. Olpin, and E. W. Kirk, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloring of materials made with or containing cellulose derivatives. 2,049,432; Aug. 4.
- Ellis, George H., H. C. Olpin, and E. W. Kirk, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloring of materials made with or containing cellulose derivatives. 2,049,433; Aug. 4.



- Ellis, George H., and F. Brown, Spondon, near Derby, England, assignors to Celanese Corporation of America. Dyestuffs of the anthraquinone series and making the same. 2,053,273; Sept. 8.
- Ellis, George H., and F. Brown, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production and use of dyestuffs. 2,053,274; Sept. 8.
- Ellis, George H., and F. Brown, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture and application of arylamino anthraquinone dyestuffs. 2,053,275; Sept. 8.
- Ellis, George H., and F. Brown, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture and use of dyestuffs. 2,053,277; Sept. 8.
- Ellis, George H., and F. Brown, Spondon, near Derby, England, assignors to Celanese Corporation of America. Amino-anthraquinones and their production. 2,053,278; Sept. 8.
- Ellis, George T., and R. C. Bratton, Detroit, Mich. Endless clothesline pulley. 2,057,566; Oct. 13.
- Ellis, Hazel J. (See Ellis, William J., assignor.)
- Ellis, J. Homer, et al. (See Bacon, Willard M., Jr., assignor.)
- Ellis, Llewellyn M., Birmingham, England, assignor to The Timken Roller Bearing Company, Canton, Ohio. Cage for ball or roller bearings. 2,055,524; Sept. 29.
- Ellis, Ridsdale, New York, N. Y. Freight container. 2,033,191; Mar. 10.
- Ellis, Ridsdale, New York, N. Y. Freight container. 2,033,192; Mar. 10.
- Ellis, Robert H., and H. N. Fry, assignors to United Engineering & Foundry Company, Pittsburgh, Pa. Screw-down indicating apparatus. 2,036,571; Apr. 7.
- Ellis, Stuart, Fredericksburg, Va. Ground-level cemetery vase. 2,029,314; Feb. 4.
- Ellis, William C., Rockville Centre, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Treating copper base alloys. 2,050,601; Aug. 11.
- Ellis, William H. (See Springfield, V. H., and Ellis.)
- Ellis, William J., Cleveland, Ohio. Abrasive element. 2,032,356; Mar. 3.
- Ellis, William J., assignor to H. J. Ellis, Los Angeles, Calif. Abrasive element and making same. 2,038,782; Apr. 28.
- Ellison, Carl E. (See Karlsson, Edvin A., assignor.)
- Ellmore, William A., Wilmette, assignor to Utah Radio Products Company, Chicago, Ill. Speaker unit. 2,058,071; Oct. 20.
- Ellmore, William A., Wilmette, assignor to Utah Radio Products Company, Chicago, Ill. Loudspeaker mounting. 2,060,666; Nov. 10.
- Ellms, Edward H., Fairlawn, N. J., assignor to The Barrett Company, New York, N. Y. Pitch product and preparing same. 2,030,575; Feb. 11.
- Ellms, Edward H., Fairlawn, N. J., assignor to The Barrett Company, New York, N. Y. Extraction of tar acids. 2,040,084; May 12.
- Ellms, Robert W. (See Miller, L. F., and Ellms.)
- Ellsworth, Charles K., Toledo, Ohio, assignor to H. Van Doren, J. G. Rideout, and C. K. Ellsworth, trustees Weight-latched box. 2,047,017; July 7.
- Ellsworth, Deane C., Gordon Heights, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose ether. 2,047,952; July 21.
- Ellsworth, Deane C., deceased, by J. F. Haskins, administrator, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. New cellulose glycollic acid and preparing same. 2,060,056; Nov. 10.
- Ellsworth, Nellie S., San Francisco, Calif. Display figure. 2,036,468; Apr. 7.
- Ellwood, Isaac L., 2d, and B. Burton, Williams Bay, Wis. variable pitch propeller. 2,052,454; Aug. 25.
- Elm, Adolf C. (See Stutz, G. F. A., and Elm.)
- Elmendorf, Armin, Winnetka, Ill. Flexible wood flooring. 2,045,382; June 23.
- Elmer, Geoffrey D., et al. (See Robison, Floyd W., assignor.)
- Elmer, Lloyd A., West Orange, and H. W. MacDougall, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Film driving mechanism for sound picture systems. 2,033,277; Mar. 10.
- Elmer, Lloyd A., West Orange, and T. E. Shea, Rutherford, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Motion picture film. 2,048,497; July 21.
- Elmer, Nixon W., Oak Park, Ill., assignor to Redler Conveyor Company, Quincy Mass. Conveyer. 2,061,228; Nov. 17.
- Elmick, Gillie R., assignor of forty-five per cent to J. H. Mitchell, Tyler, Tex. Invalid carrier. 2,035,116; Mar. 24.
- Elmo Sales Corporation. (See Cooper, Lillian M., assignor.)
- Elmslie, Wallace P., and P. Caldwell, assignors to Moorman Manufacturing Company, Quincy, Ill. Anthelmintic. 2,027,967; Jan. 14.
- Elöd, Egon, Karlsruhe, and O. Dragendorff, Oestrich, assignors to firm Rudolph Koepf & Co., Chemische Fabrik A. G., Oestrich, Germany. Preparing potassium formate. 2,043,534; June 9.
- Elphick, Frederick C., and J. R. Gray, Silvertown, London, assignors of one-third to Burt. Boulton & Haywood, Limited, London, England. Production of finely distributed copper compounds. 2,044,674; June 16.
- Elrick, William, Hespeler, assignor to Gilrix Limited, Toronto, Ontario, Canada. Apparatus for dispensing sanitary toilet-seat covers. 2,051,692; Aug. 18.
- Elsaesser, Walter. (See Heberlein, G., and Elsaesser.)
- Else, Harry D., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric motor. 2,053,425; Sept. 8.
- Elser, Charles, assignor of one-half to A. Gauden, Pine Hill, N. J. Feeding attachment for clothes wringers. 2,061,096; Nov. 17.
- Elsey, George W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Heat treat machine. 2,049,800; Aug. 4.
- Elsey, Howard M., Oakmont, Pa., assignor to Westinghouse Electric & Manufacturing Company. Facsimile reception. 2,063,992; Dec. 15.
- Elson, John R., Fresno, Calif. Accelerating and decelerating gauge. 2,063,495; Dec. 8.
- Elson, Mary E., et al. (See McDermott, Howard N., assignor.)
- Elssner, Richard and C. F. Gram, Johnson City, Tenn., assignors to North American Rayon Corporation, New York, N. Y. Filament winding. 2,055,282; Sept. 22.
- Elsworth, John W. (See Asquith, Kenneth G., assignor.)
- Elvin, William J., Cumberland, Md., and J. L. Killoran, Drummondville, Quebec, Canada, assignors to Celanese Corporation of America. Yarn packaging device. 2,048,787; July 28.
- Elwell, George H. (See Finizie, T., and Elwell.)
- Elwell, Lloyd E., Los Angeles, Calif. Internal combustion engine. 2,051,204; Aug. 18.
- Elwell-Parker Electric Company, The. (See Cochran, Clyde E., assignor.)
- Elwert, Otto, Stuttgart, assignor to Adolf Schürle, Stuttgart-Bad Cannstatt, Germany. Rotary piston machine. 2,048,249; July 21.
- Ely, Edward W., and R. O. Helgeby, Flint, assignor to General Motors Corporation, Detroit, Mich. Speedometer demagnetizer. 2,046,111; June 30.
- Ely, Robert F., Jr., Bellingham, Wash. Auxiliary supercharger and super-compressor ignition high speed Diesel engine. 2,049,253; July 28.
- Elze, Walter C., Forest Hills, N. Y., and J. W. Davitt, Jersey City, N. J., assignors to Hauck Manufacturing Company, Brooklyn, N. Y. Machine for producing paving aggregates. 2,045,451; June 23.
- Emanuelli, Luigi, Milan, Italy, assignor to Società Italiana Pirelli. Fluid filled electric cable system. 2,039,587; May 5.
- Emanuelli, Luigi, assignor to Società Italiana Pirelli, Milan, Italy. Maintaining fluid pressure in sheathed electric cables. 2,040,204; May 12.
- Emanuelli, Luigi, Milan, Italy, assignor to S. I. Pirelli. Joining fluid filled electric cables. 2,049,835; Aug. 4.
- Emanuelli, Luigi, Milan, Italy, assignor to Società Italiana Pirelli. Apparatus for degasifying liquids. 2,064,650; Dec. 15.
- Embalmer's Supply Company, The. (See Dolge, Arthur H., assignor.)
- Embury, Frederick B., assignor to Embury Manufacturing Co., Warsaw, N. Y. Lantern construction. 2,054,878; Sept. 22.
- Embury, Frederick B., and A. J. Perkins, assignors to Embury Manufacturing Co., Warsaw, N. Y. Burner for torches. 2,051,292; Aug. 18.
- Embury Manufacturing Co. (See Embury, Frederick B., assignor.)
- Embury Manufacturing Co. (See Embury, F. B., and Perkins, assignors.)
- Embury Manufacturing Co. (See Perkins, Alfred J., assignor.)
- Emde, Kurt. (See Gollnick, P. A., and Emde.)
- Emens, Albert L., assignor to Duncan Electric Mfg. Co., La Fayette, Ind. Electric meter. 2,051,293; Aug. 18.
- Emerol Manufacturing Co. (See Wright, Rea P., assignor.)
- Emerson, Alfred, Jr., and S. M. Strauss, New York, N. Y. Lamp construction. 2,049,607; Aug. 4.
- Emerson, Alfred H. (See Culver, E., and Emerson.)
- Emerson Apparatus Company. (See Thompson, Ralph E., assignor.)
- Emerson Electric Mfg. Co., The. (See Dederick, Clinton, assignor.)
- Emerson Electric Mfg. Co., The. (See Dehlendorf, R. O., and Rodgers, assignors.)
- Emerson Electric Mfg. Co., The. (See Dickson, Albert C., assignor.)
- Emerson Electric Mfg. Co., The. (See Weber, Victor, assignor.)
- Emerson, John H. (See Vinal, Charles A., assignor.)
- Emerson, John R., assignor to Marvel Carburetor Company, Flint, Mich. Carburetor. 2,050,995; Aug. 11.
- Emerson, Stanley A. (See Culver, E., and Emerson.)
- Emerson, Walter H., East Liverpool, Ohio, assignor to The Lamson Company, Syracuse, N. Y. Conveyer mechanism. 2,033,695; Mar. 10.
- Emery, Albert G. (See Zonino, F. and Emery, assignors.)
- Emery, Arthur, Lawrence, Kans. Cornstalk harvester. 2,061,353; Nov. 17.
- Emery, Charles B., River Forest, and A. W. Schoof, Riverside, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Gauging apparatus. 2,047,408; July 14.
- Emery, Charles F., Jr., Houston, Tex. Sanitary appliance. 2,031,638; Feb. 25.



- Emery, George W. (See Schellens, C. A., and Emery.)  
 Emery Industries, Inc. (See Myers, Latimer D., assignor.)  
 Emery Industries, Inc. (See Reddish, Warren T., assignor.)  
 Emery, Olin O., Jackson, Wyo. Battery terminal. 2,045,590; June 30.  
 Emery, Richard L., Benton, assignor, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine. Molded pulp article. 2,053,949; Sept. 8.  
 Emlen, Andrew A., Roselle, assignor to American Transformer Company, Newark, N. J. Built-in junction box for transformers. 2,059,217; Nov. 3.  
 Emmens, Hendrik. (See van Geel, W. C., and Emmens.)  
 Emmens, Hendrik, W. C. van Geel, and A. F. P. J. Claassen, assignors to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands. Electrolytic condenser. 2,039,154; Apr. 28.  
 Emmerich, John H., Rosedale, assignor to Holmright Holding Corporation, New York, N. Y. Cylindrical lens optical slit for sound recording. 2,036,622; Apr. 7.  
 Emmerich, Marguerite K. (See Emmerich, William J., assignor.)  
 Emmerich, William J., Baltimore, Md., assignor of one-half to M. K. Emmerich, Richmond, Va. Game. 2,042,930; June 2.  
 Emmerling, Anson A., Schenectady, and N. E. Bertolet, Scotia, N. Y., assignors to General Electric Company. Washing machine. 2,037,568; Apr. 14.  
 Emmert-Hammes, Inc. (See Hunt, John L., assignor.)  
 Emmert, John R., Berwyn, and A. H. Schwades, Chicago, assignors to Emil J. Paidar Company, Chicago, Ill. Barber pole illumination. 2,041,909; May 26.  
 Emmert, Kenneth L., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver base alloy. 2,058,857; Oct. 27.  
 Emmert, Rodger J., Dayton, Ohio, L. C. Goad, Muncie, and R. W. Baker, L. C. Shipley, J. Q. Holmes, A. W. Phelps, and C. E. Birch, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Coil winding machine. 2,054,696; Sept. 15.  
 Emmons, Bert, East Rochester, Ohio, assignor of one-half to E. S. Reilly, Pittsburgh, Pa. Toilet. 2,058,967; Oct. 27.  
 Emmons, Herbert A., Bloomfield, N. J. Highway marker. 2,065,998; Dec. 29.  
 Emms, Sidney A. G. (See Coates, H. J., and Emms.)  
 Emons, Ernest E., Akron, Ohio, assignor to The Fulvue Sales Company, Washington, D. C. Spectacle frames. 2,041,638; May 19.  
 Empire Metal Cap Co., The. (See Merolle, Augustus L., assignor.)  
 Empire Oil & Refining Company. (See Walker, John C., assignor.)  
 Empson, Alfred W., Gunnersbury, London, assignor to J. Stone & Company Limited, Deptford, England. Separation of colloidal and other suspended matter from oils. 2,037,218; Apr. 14.  
 Emrick, George W., Brooklyn, N. Y. Tapping attachment. 2,035,224; Mar. 24.  
 Emrick, George W., Brooklyn, N. Y. Clutch. 2,045,452; June 23.  
 Emrick, George W., Brooklyn, N. Y. Making friction clutch elements. 2,045,453; June 23.  
 Emsco Derrick & Equipment Company. (See Tremolada, Guglielmo, assignor.)  
 Emsens, Ferdinand. (See Boulanger, L., and Emsens.)  
 Emslie, John T., Arlington, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Safety device. 2,059,324; Nov. 3.  
 End, Gotthard, Schaffhausen, assignor to Schweizerische Industrie-Gesellschaft, Neuhausen, Switzerland. Automatic firearm. 2,052,287; Aug. 25.  
 End, Gotthard, and J. Gaetzi, Schaffhausen, assignor to Schweizerische Industrie-Gesellschaft, Neuhausen, Switzerland. Automatic firearm. 2,031,305; Feb. 18.  
 Endacott, Paul S., assignor to Phillips Petroleum Company, Bartlesville, Okla. Customer's liquefied petroleum gas transportation, storage, and utilization equipment. 2,047,953; July 21.  
 Endell, Kurt, Berlin-Steglitz, assignor to firm Possehl's Apparatebau und Export Gesellschaft m. b. H., Lubeck, Germany. Activating bleaching clays. 2,057,232; Oct. 13.  
 Enderich, Winfield S. (See Fiegel, W. J., and Enderich.)  
 Enderli, Max, and A. Schrodt, assignors to firm Rudolph Koepf & Co. Chemische Fabrik A. G., Oestrich, Germany. Preparation of potassium oxalate from potassium formate. 2,033,097; Mar. 3.  
 Endicott Johnson Corporation. (See Shultz, Edward L., assignor.)  
 Endowment Foundation. (See Hamilton, Clyde C., assignor.)  
 Endowment Foundation. (See Headlee, Thomas J., assignor.)  
 Endowment Foundation. (See Hoover, Paul L., assignor.)  
 Endowment Foundation. (See Krueger, Wabun C., assignor.)  
 Endres, Henry, Park Place, Oreg. Traction adjusting device for vehicles. 2,051,990; Aug. 25.  
 Endres, Herbert A., Silver Lake, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Liquid coating compositions. 2,052,391; Aug. 25.  
 Endres, Michael A., Cross Plains, Wis. Sharpening device. 2,043,656; June 9.  
 Engberg, Axel O., and A. Eriksson-Jons, Stockholm, Sweden, assignors to Inventia Patent-Verwertungs-Gesellschaft, Schaffhausen, Switzerland. Electric circuit controlling mechanism. 2,041,748; May 26.  
 Engblom, John F. T., Nottingham, assignor to Ericsson Telephones Limited, London, England. Electrical selecting or connecting device. 2,032,270; Feb. 25.  
 Engel, Bruno. (See Pier, M., Engel, and Kroenig.)  
 Engel, Ernst, assignor to Alfred Teves Maschinen und Armaturen-Fabrik Gesellschaft mit beschränkter Haftung, Frankfurt-on-the-Main, Germany. Vehicle brake. 2,065,176; Dec. 22.  
 Engel, Eugene, assignor to Bernhard Ulmann Company, Inc., New York, N. Y. Knitting device. 2,043,958; June 9.  
 Engel, Francis A., Merchantville, N. J. Spool. 2,035,644; Mar. 31.  
 Engel, Francis H., New York, N. Y., assignor to Radio Corporation of America. Oscillation generator. 2,031,100; Feb. 18.  
 Engel, Hans G., Berlin-Pankow, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Antenna and lead-in device. 2,036,203; Apr. 7.  
 Engel, Hans-Gunter and F. Ulrich, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Scale or dial arrangement for broadcast receivers or the like. 2,054,931; Sept. 22.  
 Engel, John L., Brooklyn, N. Y. Container. 2,064,526; Dec. 15.  
 Engel, Karl, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for use in manufacturing boots and shoes. 2,042,518; June 2.  
 Engel, Karl, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and making the same. 2,050,296; Aug. 11.  
 Engel, Karl, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus and method for use in the manufacture of shoes. 2,055,483; Sept. 29.  
 Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for use in the manufacture of pre-welted shoes. 2,059,218; Nov. 3.  
 Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and means for use in the manufacture of shoes. 2,060,057; Nov. 10.  
 Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and shoe manufacture. 2,065,569; Dec. 29.  
 Engel, Sylvan, Brooklyn, N. Y. Chain and lock combination. 2,062,020; Nov. 24.  
 Engel, William H., assignor to Shellmar Products Company, Chicago, Ill. Bag machine. 2,057,295; Oct. 13.  
 Engel, William J., assignor to Universal-Engel Paper Box Manufacturing Company, Inc., St. Louis, Mo. Combination article display-container and traveling-case. 2,033,761; Mar. 10.  
 Engelbert, Sally. (See Rau, Kurd, assignor.)  
 Engelfried, Charles, assignor to The J. Bird Moyer Company, Inc., Philadelphia, Pa. Mouth prop. 2,061,936; Nov. 24.  
 Engelhardt, Hugo, assignor to Precision Thermometer and Instrument Co., Philadelphia, Pa. Regulating the fluid content of capillary instruments. 2,054,795; Sept. 22.  
 Engelke, Henry. (See Natkiel H., and Engelke.)  
 Engelman, Joseph J., J. Henschert, and G. Baker, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Can body making machine. 2,042,250; May 26.  
 Engelmann, Julius R., Jersey City, N. J. Freezing and dispensing apparatus. 2,064,597; Dec. 15.  
 Engelmann, Max, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Triazoline compound. 2,027,030; Jan. 7.  
 Engelmann, Max, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Oxazoline compound. 2,027,031; Jan. 7.  
 Engelmann, Max, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tri-fluoro-methyl-phenyl-azo diamino pyridines and making the same. 2,029,315; Feb. 4.  
 Engelmann, Max, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkoxy-alkyl-amino-benzothiazoles and their production. 2,040,928 May 19.  
 Engelmann, Max, Wilmington, Del., assignor to Bayer-Semesan Company, New York, N. Y. Sizing composition and making same. 2,052,170; Aug. 25.  
 Engelmeier, Julia, Pittsburgh, Pa. Decorative rosette. 2,060,058; Nov. 10.  
 Engels, William H., and J. Wejlard, assignors to Merck & Co., Inc., Rahway, N. J. Salts of esters of para-hydroxybenzoic acid. 2,046,324; July 7.  
 Engels, William H., and John Wejlard, assignors to Merck & Co., Inc., Rahway, N. J. Salts of esters of para-hydroxybenzoic acid. 2,056,176; Oct. 6.  
 Engert, Eugen, Frankfurt-on-the-Main, Germany, assignor to International Precipitation Company, Los Angeles, Calif. Box collecting electrode for electrical precipitators. 2,036,323; Apr. 7.



- Engert, George A., and G. B. Gibson, Watertown, N. Y., assignors to The Sonbert Machine Company, Chicago, Ill. Paper machine and making paper. 2,036,168; Mar. 31.
- Enghauser, Winford L., Lebanon, Ohio. Pipe forming process. 2,032,271; Feb. 25.
- Engholm, Bernard A., Shaker Heights, assignor to The Rola Company, Cleveland, Ohio. Loudspeaker. 2,053,364; Sept. 8.
- Engineering Company, The. (See Eaton, John F., assignor.)
- Engineering Corporation. (See Russell, Robert C., assignor.)
- Engineering Research Corporation. (See Barret, W. M., and Mayer, assignors.)
- Engineering and Research Corporation, The. (See Biach, John L., assignor.)
- Engineering and Research Corporation, The. (See Caldwell, Samuel P., assignor.)
- Engineering and Research Corporation, The. (See Haugh, H. A., Jr., Geer, and Stirlen, assignors.)
- Engineering and Research Corporation, The. (See Kelly, Frederick G., Jr., assignor.)
- Engineering and Research Corporation. (See Marchant, William E., assignor.)
- Engineering and Research Corporation. (See Simmons, James L., assignor.)
- Engineering and Research Corporation, The. (See Stirlen, E. D. and Geer, assignors.)
- England, August J., Providence, R. I. Assembling threaded elements. 2,064,342; Dec. 15.
- England, Newton J. (See Pearson, H. B., England, and Madden.)
- Englehardt, Henry H., et al. (See McCreary, Harold J., assignor.)
- Engleman, Christian F., Ramsey, Ind. Automatic coin counter and bank. 2,059,936; Nov. 3.
- Engleman, Tommie H., Julesburg, Colo. Can cooler. 2,059,511; Nov. 3.
- Engler, Max. (See Breth, W. J., and Engler.)
- Engler, Max L. (See Breth, W. J., and Engler.)
- Engler, Max L., assignor to The General Tire & Rubber Company, Akron, Ohio. Stitching apparatus. 2,062,871; Dec. 1.
- Englert, Otto, W. and F. Becker, Prague, Czechoslovakia. Making blanc fixé of particular softness. 2,033,696; Mar. 10.
- Englis, John, Manhasset, N. Y. Vessel. 2,039,399; May 5.
- English, Aden A., Cranford, N. J., assignors to Standard Oil Development Company. Apparatus for molding wax. 2,035,117; Mar. 24.
- English Electric Company Limited, The. (See Ball, Reginald D., assignor.)
- English, Francis G. S. (See Gregory, C. W., and English.)
- English, Fredrick L., Carneys Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing flavanthrone. 2,062,450; Dec. 1.
- English Steel Corporation Limited. (See Cleghorn, George S., assignor.)
- Engman, Roy F., and S. E. Taylor, Dallas, Tex. Making apparel waist bands. 2,040,730; May 12.
- Engs, William. (See Bent, F. A., and Engs.)
- Engs, William. (See Van de Griendt, G. H., and Engs.)
- Engstrom, Ernest P., assignor to The Shaler Company, Waupun, Wis. Heat exchanging mold. 2,046,372; July 7.
- Engstrom, Frank F., et al. (See Stirrup, Frank A., assignor.)
- Enoch, Walter, New York, N. Y. Window display device. 2,028,506; Jan. 21.
- Enock, Arthur G., Wembley Park, England. Apparatus for making capsule blanks for bottles. 2,054,584; Sept. 15.
- Enos, Benjamin B., Salem, Mass. Boot or shoe. 2,050,751; Aug. 11.
- Ens, Emil J. (See Christian, R. A., and Ens.)
- Ensco Asbestos Company. (See Fether, Donald W., assignor.)
- Ensign Carburetor Co. (See Ensign, Orville H., assignor.)
- Ensign, Frank H., and O. Barlow, Salt Lake City, Utah, said Barlow assignor to said Ensign. Egg cooker. 2,057,481; Oct. 13.
- Ensign, Orville H., Pasadena, assignor to Ensign Carburetor Co., Ltd., Huntington Park, Calif. Injection engine and fuel injection device. 2,062,644; Dec. 1.
- Ensinger, Mahlon G., Tulsa, Okla., and W. Voigtlander, Kansas City, Mo., assignors to American Cable Company, Inc. Wire rope and machine for and method of making. 2,037,506; Apr. 14.
- Enssle, Fred G., Roselle Park, N. J. Soap holder. 2,036,204; Apr. 7.
- Ensten, Louis H., Cleveland, Ohio. Knitted headwear. 2,039,478; May 5.
- Ensz, Johann. (See Düsing, W., and Ensz.)
- Enterprise Aluminum Company, The. (See Krause, Richard F., assignor.)
- Enterprise Aluminum Company. (See Smith, James N., assignor.)
- Enterprise Aluminum Company, The. (See Wilcox, Albert C., assignor.)
- Enterprise Manufacturing Company, The. (See Adams, Walter L., assignor.)
- Enterprise Manufacturing Company, The. (See Case, Francis M., assignor.)
- Enterprise Manufacturing Company, The. (See Henley, James W., assignor.)
- Enterprise Manufacturing Company, The. (See Malecek, Charles G., assignor.)
- Enterprise Manufacturing Company, The. (See Pfueger, Charles T., assignor.)
- Enterprise Manufacturing Company, The. (See Wenzel, Rudolph G., assignor.)
- Enterprise Manufacturing Company of Pennsylvania, The. (See Hess, Frederick P., assignor.)
- Enterprise Railway Equipment Company. (See Campbell, Argyle, assignor.)
- Entwistle, James L., Barrington, R. I. Toy horse racing game. 2,062,168; Nov. 24.
- Entwistle, Robert C., Flushing, Long Island, N. Y., assignor, by mesne assignments, to C. E. Culpeper, Norwalk, Conn. Knock-down display device for bottled beverages. 2,065,435; Dec. 22.
- Enzinger Union Corporation. (See Beckschulte, Heinrich, assignor.)
- Eppenstein, Otto, assignor to the firm of Carl Zeiss, Jena, Germany. Sight line horizon determining means. 2,040,171; May 12.
- Eppenstein, Otto, assignor to firm Carl Zeiss, Jena, Germany. Sight line horizon determining means. 2,042,040; May 26.
- Eppenstein, Otto, assignor to firm Carl Zeiss, Jena, Germany. Optical device for the examination of axial directions and the like. 2,055,684; Sept. 29.
- Eppensteiner, William F., Rahway, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Apparatus for sweating out fusible metals. 2,066,257; Dec. 29.
- Eppinger, Louis J. (See Meyer, Henry H., assignor.)
- Eppler, Andrew, Jr. (See Cummings, R. W., Knowles, and Eppler.)
- Eppler, Andrew, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 2,030,057; Feb. 11.
- Eppler, Andrew, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 2,034,718; Mar. 24.
- Eppler, Andrew, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Welt tempering machine. 2,046,062; June 30.
- Eppler, Andrew, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe-turning machine. 2,063,993; Dec. 15.
- Epstein, Albert K. (See Cahn, F. J., and Epstein.)
- Epstein, Albert K., et al. (See Joffe, Morris H., assignor.)
- Epstein, Albert K., and B. R. Harris, Chicago, Ill. Rubber and making the same. 2,059,448; Nov. 3.
- Epstein, Albert K., and B. R. Harris, Chicago, Ill. Treatment of lecithin. 2,062,782; Dec. 1.
- Epstein, Albert K., and B. R. Harris, Chicago, Ill., assignors to Standard Brands, Incorporated, New York, N. Y. Retarding staling of yeast leavened bread. 2,040,249; May 12.
- Epstein, Bernard, et al. (See Epstein, Hirsch, assignor.)
- Epstein, Harry M., New York, N. Y. Retaining mechanism for casters or the like. 2,051,251; Aug. 18.
- Epstein, Hirsch, assignor of twenty-five per cent to M. L. Epstein and twenty-five per cent to B. Epstein, Chicago, Ill. Glow discharge tube. 2,043,925; June 9.
- Epstein, Morris L., et al. (See Epstein, Hirsch, assignor.)
- Epstein, Reynolds and Harris. (See Cahn, F. J., and Epstein.)
- Epstein, Reynolds & Harris. (See Joffe, Morris H., assignor.)
- Equitable Paper Bag Co. Inc. (See Midboe, Albert, assignor.)
- Equitable Paper Bag Co. Inc. (See Poppe, George W., assignor.)
- Erb, Stanley E., Birmingham, Ala. Spring assembly. 2,043,889; June 9.
- Erbach, Fred R., assignor to General Refrigeration Corporation, Beloit, Wis. Finned evaporator. 2,044,069; June 16.
- Erbach, Fred R., assignor to General Refrigeration Corporation, Beloit, Wis. Refrigerating apparatus. 2,054,536; Sept. 15.
- Erbach, Fred R., assignor to General Refrigeration Corporation, Beloit, Wis. Cooling and ventilating apparatus. 2,056,041; Sept. 29.
- Erban Operating Corporation. (See Madlé, Alain, assignor.)
- Erban Patents Corporation. (See Erban, Richard, assignor.)
- Erban, Richard, Vienna, Austria, assignor to Erban Patents Corporation. Friction gear. 2,057,482; Oct. 13.
- Erbe, Ralph R., assignor to The Capehart Corporation, Fort Wayne, Ind. Gluing machine. 2,027,523; Jan. 14.
- Erbeck, Frank E., Homestead, Pa. Spare wheel or tire carrier. 2,052,970; Sept. 1.
- Erbele, William S., Krem, N. Dak. Lipstick box. 2,030,058; Feb. 11.
- Erben, Henry V., Philadelphia, Pa., assignor to General Electric Company. Thermal release device. 2,050,879; Aug. 11.
- Erber, Bernhard, Vienna, Austria. Electric lamp. 2,030,695; Feb. 11.



- Erber, Bernhard, and M. Furcht, Vienna, and F. Gantner, Modling, Austria, assignors to the firm Gustav Ganz & Co., Vienna, Austria. Indirectly heated cathode. 2,041,286; May 19.
- Erber, Bernhard, and M. Furcht, Vienna, and F. Gantner, Modling, assignors to firm: Gustav Ganz & Co., Vienna, Austria. Discharge tube. 2,051,472; Aug. 18.
- Erbguth, Paul F. K., assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Flow meter. 2,056,177; Oct. 6.
- Erdman, Earl H., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Strain release for wringers. 2,027,335; Jan. 7.
- Erdman, Theodore J., assignor to The Van Brunt Manufacturing Company, Horicon, Wis. Cultivator. 2,032,085; Feb. 25.
- Erdmann, Hans M., Montclair, and W. Voetter, West Orange, assignors to Saron, Inc., Bloomfield, N. J. Machine for sealing ampules or the like. 2,051,764; Aug. 18.
- Erdmann, Konrad, Radenthein, Carinthia, Austria. Production of refractory brick. 2,063,543; Dec. 8.
- Eremeeff, Ivan, Philadelphia, Pa. Apparatus for producing synthetic electronic sound. 2,030,248; Feb. 11.
- Eremeeff, Ivan, Philadelphia, Pa. Photoelectric musical system. 2,031,764; Feb. 25.
- Eremeeff, Ivan, Philadelphia, Pa. Electronic sound producing system. 2,033,232; Mar. 10.
- Erhard, Emile H., Dedham, assignor to Draper Corporation, Hopedale, Mass. Spinning spindle. 2,028,537; Jan. 21.
- Erhard, William. (See Nitardy, F. W., and Erhard.)
- Erhard, William, North Bergen, N. J., assignor to Globe Collapsible Tube Corporation, Brooklyn, N. Y. Container closure. 2,029,020; Jan. 28.
- Erickson, Arthur, Alma Center, Wis. Wind speed indicator. 2,049,360; July 28.
- Erickson, Arvid M., and H. E. Gray, assignors to Barron-Gray Packing Company, San Jose, Calif. Method and apparatus for proportioning and mixing fruit. 2,043,739; June 9.
- Erickson, C. E., Company. (See Erickson, Ernest R., assignor.)
- Erickson, Charles, Kirkland Lake, Ontario, Canada. Replaceable bit rock drill. 2,030,576; Feb. 11.
- Erickson, Charles G., assignor to Phoenix Hosiery Company, Milwaukee, Wis. Hosiery and making the same. 2,053,468; Sept. 8.
- Erickson, Charles J., Lake Zurich, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Indicating device. 2,040,646; May 12.
- Erickson, David, Wichita Falls, Tex. Rod line idler. 2,044,526; June 16.
- Erickson, Edward S., Salem, Ohio, assignor to The International Nickel Company, Inc., New York, N. Y. Sink of composite character. 2,062,809; Dec. 1.
- Erickson, Ellis O., Pasadena, Calif., assignor to Claude Neon Electrical Products Corporation, Ltd., Wilmington, Del. Starting circuit for gaseous discharge lamps. 2,028,538; Jan. 21.
- Erickson, Elmer C., Woodridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gauging device. 2,058,579; Oct. 27.
- Erickson, Ernest R., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Push and pull bar for doors. 2,048,735; July 28.
- Erickson, George L., Hasbrouck Heights, and J. J. Christoffel, Chicago, Ill., assignors to The Western Union Telegraph Company, New York, N. Y. Testing the susceptibility of telegraph lines to interference. 2,030,814; Feb. 11.
- Erickson, George L., Hasbrouck Heights, N. J., and P. E. Teter, Albany, assignors to The Western Union Telegraph Company, New York, N. Y. Synchronizing system. 2,053,025; Sept. 1.
- Erickson, Gustave, Chicago, Ill. Game. 2,057,888; Oct. 20.
- Erickson, Henrick G., Clear Lake, Iowa. Check row planter. 2,052,455; Aug. 25.
- Erickson, Hjalmar, Bessemer Township, Gogebic County, Mich. Self-locking door operating mechanism. 2,026,876; Jan. 7.
- Erickson, John, Troy, N. Y. Valve. 2,050,430; Aug. 11.
- Erickson, John A., Jackson, Mich. Material mixer. 2,059,857; Nov. 3.
- Erickson, Prentis E., assignor to J. B. Bradshaw, Minneapolis, Minn. Massaging and treatment stool. 2,047,316; July 14.
- Erickson, Prentis E., assignor to J. B. Bradshaw, Minneapolis, Minn. Scalp massaging apparatus. 2,049,434; Aug. 4.
- Erickson, Prentis E., assignor to J. B. Bradshaw, Minneapolis, Minn. Exercising and treatment apparatus. 2,062,299; Dec. 1.
- Erickson, Prentis E., assignor to J. B. Bradshaw, Minneapolis, Minn. Arm exercising and stomach treatment apparatus. 2,062,300; Dec. 1.
- Ericksson, Emil, assignor to Standard Process Corporation, Chicago, Ill. Electroplating apparatus. 2,055,070; Sept. 22.
- Ericson, Edward O., Cleveland Heights, Ohio. Electric plug connector. 2,061,190; Nov. 17.
- Ericson, George R., Maplewood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,036,205; Apr. 7.
- Ericson, George R., St. Louis, Mo., assignor, by mesne assignments, to Metalcraft Corporation. Headlight for toy vehicles. 2,047,823; July 14.
- Ericson, George R., and L. D. Boyce, Maplewood, assignors to Carter Carburetor Corporation, St. Louis, Mo. Fuel supply system for internal combustion engines. 2,059,325; Nov. 3.
- Ericson, Richard, assignor to Universal Insulation Company, Chicago, Ill. Heat and sound insulation. 2,041,910; May 26.
- Ericson, Richard, assignor to Universal Insulation Company, Chicago, Ill. Heat insulation. 2,041,911; May 26.
- Ericsson, Elov, St. Paul, Minn. Sealing means for pneumatic springs and the like. 2,064,527; Dec. 15.
- Ericsson, Ernst, A. J., Gothenburg, Sweden. Wire or ribbon tightening apparatus. 2,049,361; July 28.
- Ericsson, L. M., Telefonaktiebolaget. (See Alexandersson, Harald V., assignor.)
- Ericsson, Nils O. J., Bofors, Sweden. Channel formed repeater for rolling mills. 2,050,880; Aug. 11.
- Ericsson Telephones Limited. (See Engblom, John F. T., assignor.)
- Erie City Iron Works. (See Kaemmerling, Gustav H., assignor.)
- Erie Resistor Corporation. (See Minnium, Byron B., assignor.)
- Erie Resistor Corporation. (See Minnium, B. B., and Berry, assignors.)
- Erie Restaurant Equipment Company. (See Bryson, Charles G., assignor.)
- Eriksen, Emil M., Besserud, near Oslo, Norway. Ski edge protector. 2,031,150; Feb. 18.
- Erikson, Erik E., North Canton, Ohio. Combination vanity case. 2,031,363; Feb. 18.
- Erikson, Frank W. (See Doyle, Palmer D., assignor.)
- Eriksson, Bengt G., Stockholm, Sweden. Tent. 2,044,351; June 16.
- Eriksson, Erik O., Lidingo, Sweden, assignor to The Air-Preheater Corporation, Wellsville, N. Y. Sealing means for heat exchangers. 2,055,071; Sept. 22.
- Eriksson-Jons, Anders. (See Bilde, T. E. D., and Eriksson-Jons.)
- Eriksson-Jons, Anders. (See Engberg, A. O., and Eriksson-Jons.)
- Erk, Reinhold V., Waynesville, N. C. Receptacle. 2,054,373; Sept. 15.
- Erlach, Alois, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Manufacture of multicolor filter. 2,038,831; Apr. 28.
- Erlanger, Arnold, assignor, by mesne assignments, to American Machine and Metals, Inc., New York, N. Y. Method and apparatus for removing water from clothes. 2,038,993; Apr. 28.
- Erling, Ralph, Alexandria, Va. Control of fluid pressure devices. 2,027,356; Jan. 7.
- Erling, Ralph, Alexandria, Va. Control for hydraulic steering gears. 2,028,089; Jan. 14.
- Erling, Ralph, Alexandria, Va. Pressure control valve for fluid operated mechanism. 2,044,777; June 23.
- Erling, Ralph, Cranford, N. J. Holding means for locking elements. 2,043,993; June 16.
- Erling, Sven J., Nockeby, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Combination pneumatic pulsator and milk claw. 2,045,454; June 23.
- Erling, Sven J., Nockeby, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Preventing oil fog from air pumps. 2,047,728; July 14.
- Erling, Sven J., Nockeby, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Pulsator for milking machines. 2,051,371; Aug. 18.
- Ern, Carl F., Solingen-Wald, Germany. Razor attachment. 2,029,160; Jan. 28.
- Ern, Robert, The Hague, Netherlands. Safety razor and blade. 2,045,222; June 23.
- Erne, Charles H., Maywood, N. J., assignor to American Can Company, New York, N. Y. Oil dispensing device. 2,033,931; Mar. 17.
- Erne, Charles H., Maywood, N. J., assignor to American Can Company, New York, N. Y. Liquid dispenser. 2,042,459; June 2.
- Ernotte, Maurice, Brussels, Belgium. Making hydraulic cement compositions. 2,033,233; Mar. 10.
- Ernotte, Maurice, Brussels, Belgium. Dispersing and stabilizing hydrocarbon oils and bituminous compositions. 2,047,258; July 14.
- Ernst, Charles E. (See Stacey, A. E., Jr., and Ernst.)
- Ernst, Edwin F., Buffalo, N. Y. Can opener. 2,037,410; Apr. 14.
- Ernst, Frank R., Woodridge, N. J. Fixture support. 2,059,858; Nov. 3.
- Ernst, Fritz B., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,051,595; Aug. 18.
- Ernst, Hans. (See Sassen, B., and Ernst.)
- Ernst, Hans, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Machine tool. 2,036,206; Apr. 7.
- Ernst, Hans, and L. F. Nenninger, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Uniform feed system. 2,028,766; Jan. 28.
- Ernst, Hans, and C. W. Goodrich, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Hydraulic spindle stop. 2,043,406; June 9.
- Ernst, Hans, M. E. Martellotti, and W. D. Archea, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Milling machine. 2,065,326; Dec. 22.



- Ernst, Herman. (See Flammang, J., Bowser, and Ernst.)  
 Ernst, Otto, Larchmont Manor, N. Y. Ventilating window for automobiles. 2,060,615; Nov. 10.  
 Ernst, Walter, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Servomotor control. 2,038,272; Apr. 21.  
 Ernst, Walter, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Control means for hydraulic press operating circuits. 2,039,893; May 5.  
 Ernst, Walter, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Hydraulic metal drawing press and shaping metal articles. 2,040,731; May 12.  
 Ernst, Walter, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Pump or motor. 2,041,172; May 19.  
 Ernst, Walter, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Press control mechanism. 2,053,184; Sept. 1.  
 Erny, Charles G., Philadelphia, Pa. Spark plug. 2,064,738; Dec. 15.  
 Eronen, Edward, Gardner, Mass. Fender tool. 2,054,248; Sept. 15.  
 Erospha, Inc. (See Peschl, Frank A., assignor.)  
 Erospha, Inc. (See Wicha, Alois, assignor.)  
 Erpelding, Lawrence P., Indianapolis, Ind. Three-legged drop leaf chair-side table. 2,055,007; Sept. 22.  
 Errett, Stanley E., and J. L. Reid, Prescott, Ontario, Canada. Drainage rack. 2,051,931; Aug. 25.  
 Errig, William F., Philadelphia, and G. M. Pfundt, Churchville, assignors to Peco Manufacturing Corporation, Philadelphia, Pa. Cross groovers for tires. 2,028,053; Jan. 14.  
 Errig, William F., Philadelphia, and G. M. Pfundt, Churchville, assignors to Peco Manufacturing Corporation, Philadelphia, Pa. Hand tire-groover. 2,031,472; Feb. 18.  
 Erro, Ernesto C., Habana, Cuba. Orange peeler. 2,056,843; Oct. 6.  
 Erschen, Charles P., and R. C. Jepertinger, assignors to Air Conditioning Equipment Corporation, Milwaukee, Wis. Air conditioning system. 2,053,771; Sept. 8.  
 Erskine, Archibald M. (See Brizzolara, A. A., Duhring, and Erskine.)  
 Erskine, Bernard G., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Packaging apparatus. 2,032,348; Mar. 3.  
 Erskine, Malcolm E., assignor to Racine Tool and Machine Company, Racine, Wis. Pump governor. 2,064,421; Dec. 15.  
 Erskine, Malcolm E., and W. Reinhardt, assignors to Racine Tool and Machine Company, Racine, Wis. Hydraulic pump. 2,035,465; Mar. 31.  
 Ertel, Fred J. (See Kehr, G. H., and Ertel.)  
 Ertel, John C., Jr., Indianapolis, Ind., assignor, by mesne assignments, to Bragg-Kliesrath Corporation, New York, N. Y. Pressure actuated device. 2,055,429; Sept. 22.  
 Ervin, Cecil W., Ada, Okla. Rotary drill bit. 2,065,436; Dec. 22.  
 Ervin, Hugh K., Bartlesville, Okla. Dispensing device. 2,051,332; Aug. 18.  
 Ervin, Thomas C., Chattanooga, Tenn. Boiler. 2,040,434; May 12.  
 Erwin, Hugh M., Dallas, Tex. Adjustable seat. 2,044,675; June 16.  
 Erwin, Weldon C. (See Sweet, Cecil H., assignor.)  
 Erwin, Weldon C., Huntington Park, assignor to John Grant, Los Angeles, Calif. Well cleaning device. 2,059,630; Nov. 3.  
 Erwin, Weldon C., Huntington Park, assignor to John Grant, Los Angeles, Calif. Well cleaning device. 2,059,631; Nov. 3.  
 Erwin, Weldon C., and C. H. Sweet, Brea, assignors to John Grant, Los Angeles, Calif. Well cleaning device. 2,059,627; Nov. 3.  
 Erwin, Weldon C., and C. H. Sweet, Brea, assignors to J. Grant, Los Angeles, Calif. Well tool control. 2,059,628; Nov. 3.  
 Erwin, Weldon C., and C. H. Sweet, Brea, Calif., assignors to J. Grant, Los Angeles, Calif. Well bailer. 2,059,629; Nov. 3.  
 Esch, Joseph F., Port Neches, Tex., assignor to The Texas Company, New York, N. Y. Cap closing tool. 2,039,272; Apr. 28.  
 Esch, Joseph F., Port Neches, Tex., assignor to The Texas Company, New York, N. Y. Drum making machine. 2,040,785; May 12.  
 Esch, Wilhelm. (See Schürmann, E., and Esch.)  
 Esch, William, New York, N. Y. Guide for flexible conduits. 2,034,510; Mar. 17.  
 Eschenbacher, Hermann, Ridgewood, assignor to The Jacobs Bros. Co. Inc., Brooklyn, N. Y. Rack bar and pinion. 2,058,431; Oct. 27.  
 Eschenbacher, Herman, Ridgewood, and P. Kircher, Brooklyn, assignors to The Jacobs Bros. Co. Inc., Brooklyn, N. Y. Scale. 2,061,271; Nov. 17.  
 Eskew, Roderick K., Portland, Maine, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of nitro cellulose. 2,059,326; Nov. 3.  
 Eskra, William J., et al. (See Goff, Frederic J., assignor.)  
 Eskuchen, Frank. (See Dewhurst, W. W., and Eskuchen.)  
 Esnard, Miguel, Matanzas, Cuba. Faucet. 2,057,233; Oct. 13.  
 Espenschied, Lloyd, Kew Gardens, N. Y., assignor to American Telephone and Telegraph Company. Altimeter for aircraft. 2,045,071; June 23.  
 Espenschied, Lloyd, Kew Gardens, N. Y., assignor to American Telephone and Telegraph Company. Measuring altitude of aircraft. 2,045,072; June 23.  
 Espenschied, Lloyd, Kew Gardens, N. Y., assignor to American Telephone and Telegraph Company. Common medium multichannel exchange system. 2,064,894; Dec. 22.  
 Espenschied, Lloyd, Kew Gardens, and N. Monk, New York, N. Y., assignors to American Telephone and Telegraph Company. Switching arrangement for four-wire circuits. 2,031,696; Feb. 25.  
 Espenschied, Lloyd, Kew Gardens, and N. Monk, New York, N. Y., assignors to American Telephone and Telegraph Company. Communication with moving trains. 2,061,027; Nov. 17.  
 Espenschied, Lloyd, Kew Gardens, and N. Monk, New York, N. Y., assignors to American Telephone and Telegraph Company. Common medium multichannel exchange system. 2,064,895; Dec. 22.  
 Espenschied, Lloyd, Kew Gardens, and E. I. Green, East Orange, N. J., assignors to American Telephone and Telegraph Company. Common medium multichannel exchange system. 2,064,896; Dec. 22.  
 Esselen, Gustavus J., Swampscott, and W. M. Scott, Wellesley, Mass., assignors to Hooker Electrochemical Company, New York, N. Y. Impregnation of textile materials. 2,034,696; Mar. 24.  
 Esselen, Gustavus J., Swampscott, and W. F. Talbot, Auburndale, Mass., assignors to Union Wadding Company, Pawtucket, R. I. Filtering medium and producing the same. 2,037,370; Apr. 14.  
 Esselmann, Paul, Wolfen Kreis Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of artificial silk. 2,064,897; Dec. 22.  
 Esselmann, Paul, W. K. Bitterfeld, and K. Kösslinger, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of artificial silk. 2,059,632; Nov. 3.  
 Essen, Eric E., Worcester, Mass. Testing and weighing device. 2,049,644; Aug. 4.  
 Esser, Martin, assignor to John Harsch Bronze Foundry Co., Cleveland, Ohio. Balanced door. 2,048,601; July 21.  
 Esser, Rupert P., assignor to The Aro Equipment Corporation, Bryan, Ohio. Lubricant pump structure. 2,048,736; July 28.  
 Essex, Orville R. (See McIntosh, C. O., and Essex.)  
 Essick, Charles R., assignor to Pennsylvania Optical Co., Reading Pa. Mounting for rimless lenses. 2,031,530; Feb. 18.  
 Essig, Sanford F., Philadelphia, Pa., assignor to Radio Corporation of America. Making a photosensitive device. 2,062,122; Nov. 24.  
 Essig, Sanford F., Philadelphia, Pa., assignor to Radio Corporation of America. Electrode structure. 2,065,570; Dec. 29.  
 Esslen, Eugen, Hamburg, Germany. Powder mixing device. 2,047,317; July 14.  
 Esslen, Eugen, Hamburg, Germany. Powder mixing device. 2,047,318; July 14.  
 Estabrook, James B., Shreveport, La. Insulating device. 2,051,205; Aug. 18.  
 Estabrook, Joseph B. (See Lykken, H. G., and Estabrook.)  
 Estate Stove Company, The. (See Bradbury, William T., assignor.)  
 Estate Stove Company, The. (See Cable, H. W., and Nason, assignors.)  
 Estate Stove Company, The. (See Kahn, Bertrand B., assignor.)  
 Estate Stove Company, The. (See Kahn, B. B., and Bradbury, assignors.)  
 Estate Stove Company, The. (See Kahn, Lucian L., assignor.)  
 Estate Stove Company, The. (See Mills, Herbert E., assignor.)  
 Esterbrook Steel Pen Manufacturing Co., The. (See Ashmore, Leon H., assignor.)  
 Esterow, Harry, New York, N. Y. Pencil. 2,035,225; Mar. 24.  
 Esterow, Leo, and A. Klein, New York, N. Y. Vanity case. 2,056,935; Oct. 13.  
 Estes, Ed, assignor of one-half to B. James, Uvalde, Tex. Game. 2,042,424; May 26.  
 Estes, William F., Milan, assignor to Beare Speedy Icing Company, Jackson, Tenn. Car-icing apparatus. 2,033,234; Mar. 10.  
 Estey, Guy W. (See Boltz, F. S., and Estey.)  
 Estlinbaum, W. D. (See Alley, Thomas R. and J. D., assignors.)  
 Estrella, Eugenio V., Washington, D. C. Time controlled device. 2,047,180; July 14.  
 Etablissements, Jacob-Delafon Compagnie Ceramique de Pouilly-sur-Saone et Belvoys. (See Mallet, Charles, assignor.)  
 Etablissements Jacob Delafon Compagnie Ceramique de Pouilly-sur-Saone et Belvoys. (See Mallet, C., and Couetoux, assignors.)



- Etablissements Pompes Guinard (Pompes Guinard & Etablissements Cohendet Reunis). (See Poillot, Jean P. E., assignor.)
- Ethell, Henry W., Erinview, Manitoba, Canada. Grain door. 2,036,931; Apr. 7.
- Etheridge, Harry, Zellenople, Pa. Railway rail support. 2,037,219; Apr. 14.
- Etheridge, Harry, Zellenople, Pa. Railway rail support. 2,037,315; Apr. 14.
- Etnyre, E. D., & Company. (See Etnyre, George M., assignors.)
- Etnyre, George M., assignor to E. D. Etnyre & Company, Oregon, Ill. Distributor for asphalt and like materials. 2,046,373; July 7.
- Ettelson, Ben E., (executor). (See Kelly, J. J., and Sommer, assignors.)
- Etten, Nicholas L., assignor to Chamberlain Corporation, Waterloo, Iowa. Safety release mechanism. 2,054,970; Sept. 22.
- Etter, Frank W., North Attleboro, Mass. Dispensing device. 2,056,096; Sept. 29.
- Ettinger, Joe J., Warsaw, Ind. Fracture reduction apparatus. 2,032,653; Mar. 3.
- Ettinger, Joe J., Warsaw, Ind. Fracture reduction apparatus. 2,035,952; Mar. 31.
- Ettinger, Wallace J., assignor to Edison General Electric Appliance Company, Chicago, Ill. Temperature control device. 2,061,418; Nov. 17.
- Ettinger, Wallace J., Chicago, and N. Miller, La Grange, assignors to Edison General Electric Appliance Company, Chicago, Ill. Temperature control device. 2,061,419; Nov. 17.
- Ettl, Joseph, Plainfield, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y. Gluing machine. 2,044,472; June 16.
- Etzel, Gastao. (See Henke, C. O., and Etzel.)
- Etzel, Paul, Buffalo, N. Y. Concealed hinge for automobile and other doors. 2,027,724; Jan. 14.
- Etzelmler, Robert E. (See Dahlen, M. A., and Etzelmler.)
- Etzelmler, Robert E. (See Dahlen, M. A., Detrick, Etzelmler, and Zwilgmeyer.)
- Etzelmler, Robert E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of N-P-Aminoaryl-carbamic acids and producing the same. 2,026,618; Jan. 7.
- Etzelmler, Robert E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing N-P-Amino-aryl-Carbamic acids. 2,026,619; Jan. 7.
- Etzelmler, Robert E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyestuffs and preparing the same. 2,040,473; May 12.
- Etzelt, Heinrich. (See Friedmann, L., Deutsch, Jomek, Nemetz, and Etzelt.)
- Etzkorn, Rudolf, Oberbruch, Germany, assignor to North American Rayon Corporation, New York, N. Y. Apparatus for the manufacture of artificial silk. 2,029,226; Jan. 28.
- Etzkorn, Rudolf, and E. Knehe, assignors to I. P. Bembery Aktiengesellschaft, Wuppertal-Oberbarmen. Cuprammonium cellulose film. 2,035,645; Mar. 31.
- Etzrodt, Karl, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Transmission level controlling arrangement. 2,065,489; Dec. 22.
- Etzrodt, Karl, Berlin-Siemensstadt, H. Fülling, Berlin-Charlottenburg, and W. Hähnle, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telegraphic repeater system. 2,055,343; Sept. 22.
- Euclid Road Machinery Company, The. (See Armington, Arthur P., assignor.)
- Euclid Road Machinery Company, The. (See Armington, Arthur P., and G. E., assignors.)
- Euclid Road Machinery Company, The. (See Armington, George E. and A. P., assignors.)
- Eugene, Ltd. (See Burton, Milton, assignor.)
- Eugene, Ltd. (See Darby, John, assignor.)
- Eugene, Ltd. (See Durham, H. N., and Finnegan, assignors.)
- Eugene, Ltd. (See Suter, Marcel J., assignor.)
- Eugene, Ltd. (See Thatcher, Linden A., assignor.)
- Eugster, Edward J. P., London, England. Siphon head for mineral water bottles. 2,037,220; Apr. 14.
- Eulberg, Adam J., Sunburst, Mont. Valve. 2,031,151; Feb. 18.
- Eulberg, Henry, Ocean Beach, Calif., assignor to L. D. Eulberg. Battery terminal clamp. 2,040,250; May 12.
- Eulberg, Louise D. (See Eulberg, Henry, assignor.)
- Eule, Martin, Berlin-Spandau, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt. Arrangement for removing the deposit from the tubular systems of steam generators with forced passage of the operating medium. 2,032,924; Mar. 3.
- Eulenstein, Fritz, Cologne-on-the-Rhine, and A. Krus, Sturzelberg über Neuss, assignors to "Sachtleben" Aktiengesellschaft für Bergbau und Chemische Industrie, Cologne-on-the-Rhine, Germany. Production of molten iron or steel by the direct method. 2,045,639; June 30.
- Euler, Ralph S. (See Worthing, A. G., and Euler.)
- Eureka Photo Mechanical Equipment, Inc. (See Mazzocco, Dante V., assignor.)
- Eurich, Richard H., and B. F. Anthony, assignors to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Stop-off for centrifugal casting molds. 2,030,105; Feb. 11.
- Eurich, Richard H., and R. Aubrey, Jr., assignors to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Method of and apparatus for magnetic testing. 2,057,091; Oct. 13.
- Eurit, Carl, Tulsa, Okla. Adjustable oil well crank arm counterweight. 2,029,993; Feb. 4.
- Europa Schreibmaschinen A. G. (See Salzberger, A., and Baumgarten, assignors.)
- Eustis, Irving N., assignor to Fairmont Railway Motors, Incorporated, Fairmont, Minn. Brake shoe. 2,065,571; Dec. 29.
- Eustis, J. P., Manufacturing Company. (See Spencer, Alard W., assignor.)
- Eustis, Warner, Newton, Mass., and P. Walter, assignors to The Kendall Company, Chicago, Ill. Making adhesive tape and gauze dressings. 2,029,260; Jan. 28.
- Eustis, Warner, Newton, and J. E. Noonan, Walpole, assignors to The Kendall Company, Boston, Mass. Cotton fabric and process. 2,044,937; June 23.
- Euth, John E., Chicago, Ill., assignor to United Autographic Register Co. Duplicating machine. 2,047,678; July 14.
- Eva, Harry. (See Abram, Ernest S., assignor.)
- Evans Appliance Company. (See Evans, Edward S., Jr., assignor.)
- Evans, Archibald D., assignor to The Wean Engineering Company, Incorporated, Warren, Ohio. Measuring device. 2,064,467; Dec. 15.
- Evans Case Company. (See Dion, William A., assignor.)
- Evans Case Company. (See Lagerholm, Carl J., assignor.)
- Evans Case Company. (See Reilly, Alfred F., assignor.)
- Evans Case Company. (See Sandberg, Carl G., assignor.)
- Evans Case Company. (See Wakefield, Frank E., assignor.)
- Evans, Charles S., and F. F. Lindstaedt, said Evans assignor to said Lindstaedt, Oakland, Calif. Spray apparatus. 2,050,522; Aug. 11.
- Evans, Charles T., Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for controlling the speed of electric motors. 2,032,743; Mar. 3.
- Evans, Clyde P., St. Louis, Mo. Adding machine. 2,044,975; June 23.
- Evans, David J., Tonbridge, England. Dosing apparatus. 2,049,559; Aug. 4.
- Evans, E. S., & Sons. (See Evans, Robert B., assignor.)
- Evans, E. S., and Sons. (See Evans, R. B., Dilg, and Germann, assignors.)
- Evans, E. S., & Sons Company. (See Chereton, Avery, B., assignor.)
- Evans, Earl R., Washington, D. C., assignor to General Electric Company. Power distribution system. 2,060,667; Nov. 10.
- Evans, Edward R., assignor to Angelus Paper Box Co., Los Angeles, Calif. Box. 2,028,276; Jan. 21.
- Evans, Edward S., Jr., Grosse Pointe Village, Mich., assignor to Evans Appliance Company. Pumping mechanism. 2,036,028; Mar. 31.
- Evans, Edward S., Detroit, Mich., assignor to The Worth Company. Car loading device. 2,060,059; Nov. 10.
- Evans, Edwin R. (See Rockwell, E. A., and Evans.)
- Evans, Edwin R., Chicago, Ill. Free wheeling device with automatic control. 2,044,901; June 23.
- Evans, Edwin R., Cleveland, Ohio. Return spring construction for motor vehicle power units. 2,054,796; Sept. 22.
- Evans, Elliott A., assignor to C. C. Wakefield & Company Limited, London, England. Prevention of sludge formation in lubricating oils. 2,059,567; Nov. 3.
- Evans, Ernest W., Vincennes, Ind. Thermostatic switch. 2,061,513; Nov. 17.
- Evans, Evan R., Elmira, N. Y., assignor, by mesne assignments, to American Sales Book Company, Inc. Carbon holder. 2,050,297; Aug. 11.
- Evans, Evan R., Elmira, N. Y., assignor, by mesne assignments, to American Sales Book Company, Inc. Manifold sales book. 2,051,551; Aug. 18.
- Evans, Gordon E., assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio. Piston. 2,060,292; Nov. 10.
- Evans, Grover C., Little Rock, Ark. Water heating system for bottle washing machines. 2,048,602; July 21.
- Evans, Harold W., Wilkes Barre, Pa. Traversing mechanism for turrets. 2,035,466; Mar. 31.
- Evans, Harry H. (See Grosshans, A. W., and Evans.)
- Evans, Homer E., Grandview, Wash. Fruit basket. 2,066,258; Dec. 29.
- Evans, Howell G., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Physician's cabinet or the like. 2,045,264; June 23.
- Evans, John, Riverside, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Duplex radio transmitter. 2,047,622; July 14.
- Evans, John, Riverside, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cross talk eliminator. 2,051,520; Aug. 18.
- Evans, John, Riverside, N. J., assignor to Radio Corporation of America. Antenna. 2,063,303; Dec. 8.
- Evans, John G., and H. A. Piggott, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Color stripping process. 2,061,621; Nov. 24.
- Evans, John M. (See Lazar, A., and Evans.)



- Evans, Joshua D., assignor of one-third to J. Wright, Berkeley, Calif. Washing machine mixing tank. 2,061,514; Nov. 17.
- Evans, Lawrence, Lake City, Fla. Dedicated to the free use of the Public. Turpentine dip barrel head lock and remover. 2,052,223; Aug. 25.
- Evans, Leonard T., Indianapolis, Ind. Renovating oil. 2,030,577; Feb. 11.
- Evans, Leonard T., Indianapolis, Ind. Journal packing washing machine. 2,057,185; Oct. 13.
- Evans, Llewellyn W., assignor to Rheem Manufacturing Company, Richmond, Calif. Steel container fitting. 2,031,350; Feb. 18.
- Evans, Llewellyn W., assignor to Rheem Manufacturing Company, Richmond, Calif. Liquid dispensing unit. 2,047,409; July 14.
- Evans, Llewellyn W., assignor to Rheem Manufacturing Company, Richmond, Calif. Metal barrel. 2,052,817; Sept. 1.
- Evans, Llewellyn W., and A. L. Hamilton, assignors to Rheem Manufacturing Company, Richmond, Calif. Pouring and storing container. 2,049,900; Aug. 4.
- Evans, Martin E., Kankakee, Ill. Wire drawing machine. 2,049,053; July 28.
- Evans, Merlin H., and J. H. Woodhouse, assignors to Evanwood Corporation, Elmira, N. Y. Brake testing apparatus. 2,030,914; Feb. 18.
- Evans, Owen B., assignor to The United Gas Improvement Company, Philadelphia, Pa. Manufacture of carbureted water gas with heavy oil. 2,026,877; Jan. 7.
- Evans Products Company. (See Brockenbrough, W. M., and Norris, assignors.)
- Evans Products Company. (See Murphy, G. E., and Hippler, assignors.)
- Evans Products Company. (See Tobin, Kenneth J., assignor.)
- Evans Products Company. (See Tobin, K. J., and Ekland, assignors.)
- Evans, Ray H. (See Clima, C. F., and Evans.)
- Evans, Robert B., Grosse Pointe, Mich. Sound diffusing apparatus. 2,065,367; Dec. 22.
- Evans, Robert B., Grosse Pointe, Mich., assignor to E. S. Evans & Sons. Windshield wiper mechanism. 2,030,286; Feb. 11.
- Evans, Robert B., Detroit, Mich., assignor to E. S. Evans & Sons, Detroit, Mich. Windshield wiper blade and arm connection. 2,056,777; Oct. 6.
- Evans, Robert B., Grosse Pointe, and E. W. Dilg, and G. Germann, assignors to E. S. Evans and Sons, Detroit, Mich. Windshield warmer. 2,056,776; Oct. 6.
- Evans, Robert D. (See Lewis, W. A., and Evans.)
- Evans, Robert D., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,053,426; Sept. 8.
- Evans, Robert D., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Excitation control apparatus. 2,053,427; Sept. 8.
- Evans, Ronald K., Russelsheim-on-the-Main, Germany, assignor to General Motors Corporation, Detroit, Mich. Composite chassis body structure. 2,058,580; Oct. 27.
- Evans, Seth, assignor to Hughes Tool Company, Houston, Tex. Kick-off collar. 2,064,247; Dec. 15.
- Evans Stamping and Plating Company. (See Ware, Walter C., assignor.)
- Evans, Theodore, and K. R. Edlund, Berkeley, assignor to Shell Development Company, San Francisco, Cal. Recovery of organic acid esters. 2,042,218; May 26.
- Evans, Theodore, and K. R. Edlund, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of alkylated phenolic bodies. 2,051,473; Aug. 18.
- Evans, Thomas, Scarsdale, N. Y., assignor to Baker Perkins Company, Inc., Saginaw, Mich. Dissolving cellulose xanthate. 2,057,019; Oct. 13.
- Evans, Thomas F., Ainsdale, Southport, England. Closure. 2,050,691; Aug. 11.
- Evans, Walter L. (See Derk, Ray W., assignor.)
- Evans, William A., Maplewood, N. J. Air conditioning system. 2,044,352; June 16.
- Evans, William J. R. (See Bunbury, H. M., Clarke, and Evans.)
- Evans, William P., Swinton, England. Extracting water from webs of pulp or paper. 2,039,308; May 5.
- Evanwood Corporation. (See Evans, M. H., and Woodhouse, assignors.)
- Everatt, Reginald W. (See Baldwin, A. W., Everatt, and Knight.)
- Everedy Company, The. (See Buell, Clarence E., assignor.)
- Everedy Company, The. (See Lebherz, Harry J., assignor.)
- Everett, Arthur C. (See Lindholm, A. W., and Everett.)
- Everett, Arthur C., Boston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Machine for applying screw closures to containers. 2,066,259; Dec. 29.
- Everett, Charles E., assignor to The Massey-Harris Company, Racine, Wis. Hay loader. 2,045,763; June 30.
- Everett, Charles E., assignor to The Massey-Harris Company, Racine, Wis. Ensilage cutter. 2,047,410; July 14.
- Everett, Edward A., Long Island City, N. Y. Rail bond. 2,038,210; Apr. 21.
- Everett, Ernest P., Holyoke, Mass. Stave machine. 2,056,657; Oct. 6.
- Everett, George I., Jackson Heights, and D. W. Colton, New York, N. Y. Eye and nose protector. 2,037,772; Apr. 21.
- Everett, Samuel J., London, assignor to Thos. Firth & John Brown Limited, Sheffield, England. Metal reducing method. 2,050,298; Aug. 11.
- Everett, Zelma R., and K. F. V. Nygaard, Philadelphia, Pa. Shoe protecting device. 2,062,123; Nov. 24.
- Everhard, Harry H., Canton, Ohio. Casement window screen. 2,026,830; Jan. 7.
- Everhart, Frank B., Broomfield, Colo. Jar sealing device. 2,050,938; Aug. 11.
- Everitt, B. F. (See Winter, Harry L., assignor.)
- Everitt, George W., Brooklyn, N. Y. Circuit controlling device for an automobile signaling mechanism. 2,035,266; Mar. 24.
- Everitt, Raymond, Toronto, Ontario, Canada. Bracelet, or the like, structures. 2,030,974; Feb. 18.
- Everling, Walter O., South Euclid, Ohio, assignor to The American Steel and Wire Company of New Jersey. Cold-rolling steel strip. 2,050,046; Aug. 4.
- Evers, Adolph F., Jr., Denton, Tex. Thermostatic outlet valve. 2,053,365; Sept. 8.
- Evers, Adolph F., Jr., Denton, Tex. Refrigeration. 2,063,496; Dec. 8.
- Evers, Harry G., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,037,221; Apr. 14.
- Evers, William H., assignor to Preplan, Inc., Cleveland, Ohio. Mold for producing corrugated units. 2,050,299; Aug. 11.
- Evers, William H., assignor to Preplan, Inc., Cleveland, Ohio. Flexible metal revetment. 2,056,349; Oct. 6.
- Evers, William L. (See Moran, R. C., Evers, and Fuller.)
- Eversole, James F., Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Oxidation catalyst and making the same. 2,063,302; Dec. 8.
- Everston, Joseph H., Milwaukee, Wis. Cushion shoe. 2,037,970; Apr. 21.
- Everston, Joseph H., Milwaukee, Wis. Heel construction for cushion shoes. 2,045,844; June 30.
- Everston, Joseph H., Milwaukee, Wis. Cushion shoe. 2,055,072; Sept. 22.
- Evinrude, Ole, assignor to Outboard Motors Corporation, Milwaukee, Wis. Motor bicycle. 2,031,881; Feb. 25.
- Eyr Klean Seat Pad Co. (See Wittcoff, Edward, assignor.)
- Ewald, Arno A., Oakfield, Wis., assignor to Icomort Manufacturing Company, Oakfield, Wis. Faucet. 2,048,855; July 28.
- Ewald, Bernhard K. F., Villingen, Germany, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Perforated card verifier. 2,036,029; Mar. 31.
- Ewald, Mark, Olympia, Wash., assignor to Special Equipment Company, Portland, Oreg. Knife manufacture. 2,060,802; Nov. 17.
- Ewaldson, Waldemar C., Chicago, Ill., and D. V. Waters, Cranford, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Braking device. 2,044,070; June 16.
- Ewart, Archibald, assignor of one-half to R. M. Welch, Chicago, Ill. Apparatus for treating ores. 2,061,698; Nov. 24.
- Ewart, Willard. (See Flint, Forrest F. T., assignor.)
- Eweis, Mohamed, Cairo, Egypt. Piston ring. 2,048,633; July 21.
- Ewell, Charles O., Dyer, Tenn. Crate. 2,026,968; Jan. 7.
- Ewell, Thomas C., Hot Springs, Ark. Filter. 2,034,611; Mar. 17.
- Ewell, Will H., Los Angeles, Calif. Preserving fruit and vegetables. 2,028,970; Jan. 28.
- Ewen, Harry A., Shenfield, England, assignor to Radio Corporation of America. Electrical remote control system. 2,039,155; Apr. 28.
- Ewen, Harry A., Shenfield, England, assignor to Radio Corporation of America. Thermionic valve apparatus. 2,039,156; Apr. 28.
- Ewen, Harry A., Shenfield, England, assignor to Radio Corporation of America. Directional aerial and apparatus for use therewith. 2,042,931; June 2.
- Ewen, Harry A., Shenfield, England, assignor to Radio Corporation of America. Liquid flow operated safety or indicating device. 2,059,782; Nov. 3.
- Ewens, Alfred J., Kenosha, Wis. Motor vehicle. 2,065,437; Dec. 22.
- Ewers, Rolo S., assignor to Airotar Development Company, Coolidge, Kans. Wind motor. 2,038,481; Apr. 21.
- Ewest, Hans, Berlin, and G. Gaidies, Berlin-Pankow, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,042,172; May 26.
- Ewest, Hans, Berlin-Lichterfelde-Ost, and M. Reger, Berlin-Charlottenburg, Germany, assignors to General Electric Company. Starting and operating circuits for gaseous electric discharge devices. 2,056,658; Oct. 6.
- Ewing, Frederick J., Pasadena, assignor to Union Oil Company of California, Los Angeles, Calif. Purification of naphthenic acids. 2,035,696; Mar. 31.
- Ewing, Frederick J., Pasadena, assignor to Union Oil Company of California, Los Angeles, Calif. Purification of naphthenic acids. 2,035,741; Mar. 31.
- Ewing, Frederick J., Pasadena, assignor to Union Oil Company of California, Los Angeles, Calif. Purification of naphthenic acids. 2,035,742; Mar. 31.



- Ewing, George W., et al. (See Chandler, Daniel L., assignor.)
- Ewing, James William, Marietta, Ohio. Weather strip. 2,042,707; June 2.
- Ewing, Williard R., Libertyville, assignor to McWilliams Dredging Company, Chicago, Ill. Dredging apparatus. 2,029,815; Feb. 4.
- Ewing, Williard R., Libertyville, assignor to McWilliams Dredging Company, Chicago, Ill. Cutter for hydraulic dredges. 2,029,816; Feb. 4.
- Ewing, Williard R., Libertyville, assignor to McWilliams Dredging Company, Chicago, Ill. Re-forming cutters for hydraulic dredges. 2,044,383; June 16.
- Excel Auto Radiator Company. (See Briskin, Samuel, assignor.)
- Excel Auto Radiator Company. (See Sperry, Philmore F., assignor.)
- Excell Curtain Company. (See Levan, John F., assignor.)
- Ex-Cell-O Aircraft & Tool Corporation. (See Alden, Carroll R., assignor.)
- Excelso Products Corporation. (See Hexamer, H. D., and Yaeger, assignors.)
- Exel, George, Clifton, N. J. Two-cycle engine. 2,063,666; Dec. 8.
- Exhibit Supply Company. (See Collison, E. E., and Kirk, assignors.)
- Exhibit Supply Company. (See Kelly, Leo J., assignor.)
- Exhibit Supply Company. (See Kirk, C. R., and Collison, assignors.)
- Exhibit Supply Company. (See McClellan, Herbert, assignor.)
- Exhibit Supply Company. (See Radtke, Bruno, assignor.)
- Exley, William H., Market Harborough, and W. Haddon, Forest Hill, London, England. Control valve for liquid elevating apparatus. 2,047,319; July 14.
- Exner, Donald W., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Program-starting system. 2,060,755; Nov. 10.
- Exolon Company, The. (See Johnson, Fred R., assignor.)
- Experimental Laboratories Incorporated. (See Dunham, Clayton A. and A. R., assignors.)
- Exton, William T., Webster Groves, Mo., assignor to Ball Brothers Company. Jar sealing ring. 2,053,140; Sept. 1.
- Eye-Lens Corporation, The. (See Sussman, Jacob, assignor.)
- Eyer, Benjamin F., Kansas City, Mo. Apparatus for determining the moisture content of a material. 2,043,241; June 9.
- Eyerly, Lee U., Salem, Oreg. Airplane amusement device. 2,046,678; July 7.
- Eynon, Benjamin G., Harrisburg, Pa. Motor vehicle registration marker. 2,037,773; Apr. 21.
- Eynon, Harold G., Philadelphia, Pa. Machine for filling and sealing paper bags. 2,044,879; June 23.
- Eynon, Howard B., assignor to Stackpole Carbon Company, St. Marys, Pa. Method and blank for making brushes. 2,043,474; June 9.
- Eynon, Thomas M., Philadelphia, Pa. Gauge. 2,038,273; Apr. 21.
- Eyre, James M. (See Malone, W. H., and Eyre.)
- Eyssartier, Georges. (See Bichler, C. H., and Eyssartier.)
- Eyster, Paul, et al. (See Leatherman, Clarence M., assignor.)
- Ezzard, Henry S., and E. C. Kontz, Jr., Rome, Ga., assignors to Tubize Chatillon Corporation. Dry spinning cell. 2,035,872; Mar. 31.
- Ezzo, Samuel T., Port Henry, N. Y. Electric plug. 2,049,560; Aug. 4.
- Fabrice Riunite Industria Gomma Torino, et al. (See Laguidara, Rocco, assignor.)
- Fabel, George S., Trenton, N. J., assignor to Southern Asbestos Company, Charlotte, N. C. Wicking. 2,029,994; Feb. 4.
- Faber, Eberhard, Pencil Company. (See Handel, Stanley T., assignor.)
- Faber, Eberhard, Pencil Co. (See Woessner, John J., assignor.)
- Faber, Ernst, Stuttgart, Germany. Vacuum cleaner nozzle. 2,062,508; Dec. 1.
- Faber, Guy S., assignor to General Regulator Corporation, Chicago, Ill. Propeller. 2,045,383; June 23.
- Faber, Henry B., Brooklyn, and F. A. De Lisle, New York, N. Y. Filter. 2,051,079; Aug. 18.
- Faber, Herbert A., Cincinnati, Ohio. Wall construction. 2,064,788; Dec. 15.
- Faber, Herbert A., Cincinnati, Ohio. Building construction. 2,064,789; Dec. 15.
- Faber, Herbert A., Cincinnati, Ohio. Wall construction. 2,064,790; Dec. 15.
- Faber, Herbert A., Cincinnati, Ohio. Assembling blocks and structure resulting therefrom. 2,064,791; Dec. 15.
- Fabian, Constantine F., Brookfield, Conn., and A. N. Sachanen, Luxemburg, Luxemburg, assignors, by mesne assignments, to The Non-Mercuric Carrot Company, Danbury, Conn. Carrotting fur and the like and composition therefor. 2,048,645; July 21.
- Fabian, Constantine F., Brookfield, Conn., and A. N. Sachanen, Luxemburg, Luxemburg, assignors, by mesne assignments, to The Non-Mercuric Carrot Company, Danbury, Conn. Carrotting fur and the like and composition therefor. 2,052,873; Sept. 1.
- Fabian, Constantine F., Brookfield, Conn., and A. N. Sachanen, Luxemburg, Luxemburg, assignors, by mesne assignments, to The Non-Mercuric Carrot Company, Danbury, Conn. Bleaching animal fibers. 2,057,296; Oct. 13.
- Fabian, Harry, and A. K. Edwards, Philadelphia, Pa. Cutting device for sewing machines. 2,064,598; Dec. 15.
- Fabing, Edwin N. (See Vaughn, S. I., and Fabing.)
- Fabrey, Frank A., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Swab for cleaning milking machine inflations. 2,051,834; Aug. 25.
- Fabrey, William H., and J. Weber, assignors to Alpine Electric Corporation, Schenectady, N. Y. Outlet receptacle. 2,036,519; Apr. 7.
- Fabrice, Edward H., assignor to Guardian Safety Seal Company, Chicago, Ill. Closure cap for receptacles and making the same. 2,041,912; May 26.
- Fabrice, Edward H., assignor to Guardian Safety Seal Company, Chicago, Ill. Severable sheet metal articles such as bottle sealing caps. 2,056,778; Oct. 6.
- Fabrice, Edward H., assignor to Guardian Safety Seal Company, Chicago, Ill. Bottle and seal therefor. 2,061,067; Nov. 17.
- Fabricmeter Co. Limited, The. (See Walter, Roger H., assignor.)
- Fabrique d'Ebauches Venus S. A. (See Hofer, Henri, assignor.)
- Fabriques de Produits de Chimie Organique de Laire. (See Armenault, René, assignor.)
- Fabriques de Produits de Chimie Organique de Laire. (See Delange, Raymond, assignor.)
- Fabrizio, Achillo, Havre de Grace, Md. Salute or torpedo. 2,053,772; Sept. 8.
- Fabrizio, Achillo, Havre de Grace, Md. Making explosive devices. 2,056,509; Oct. 6.
- Fabry, Herman, Evanston, Ill. Apparatus for displaying photographs. 2,028,199; Jan. 21.
- Fabry, Herman, Evanston, Ill. Photograph display apparatus. 2,040,251; May 12.
- Fabry, Willis M. (See Tucker, Edgar M., assignor.)
- Facchini, Rigo R., Kingston, Mass. Tappet. 2,042,884; June 2.
- Facer, Leroy H., Phelps, N. Y. Producing superphosphate fertilizer and product thereof. 2,061,567; Nov. 24.
- Factor, Frank, Beverly Hills, assignor to Max Factor & Co., Los Angeles, Calif. Cosmetic make-up base and manufacture. 2,034,697; Mar. 24.
- Factor, Max & Co. (See Factor, Frank, assignor.)
- Factor, Max & Co. (See Hall, William A., assignor.)
- Faessler, J., Mfg. Co., The. (See Maupin, Graves R., assignor.)
- Fafnir Bearing Company, The. (See Hellyar, Charles H., assignor.)
- Fafnir Bearing Company, The. (See Leister, F., and Lynch, assignors.)
- Fagan, Henry J., Elmhurst, N. Y. Supplying air under pressure. 2,057,889; Oct. 20.
- Fagan, John T., Cleveland Heights, J. F. Donovan, East Cleveland, and F. J. Malloy, University Heights, Ohio, assignors to General Electric Company. Electric lamp and mounting therefor. 2,039,953; May 5.
- Fageol, Frank R., and W. B. Fageol, assignors to Twin Coach Company, Kent, Ohio. Transportation vehicle. 2,028,829; Jan. 28.
- Fageol, Robley D. (See Leibing, W. E., and Fageol.)
- Fageol, William B. (See Fageol, F. R. and W. B.)
- Fageol, William B., assignor to Twin Coach Company, Kent, Ohio. Pneumatic tire combination rail and highway unit. 2,027,684; Jan. 14.
- Fageol, William B., assignor to Twin Coach Company, Kent, Ohio. Road vehicle body frame construction. 2,039,215; Apr. 28.
- Fagergren, William, Salt Lake City, Utah. Aerating machine. 2,054,249; Sept. 15.
- Fagley, Gilbert H., Pittsfield, Mass., assignor to General Electric Company. Bearing support. 2,039,400; May 5.
- Fabey, Edward F. (See Amato, Irving J., assignor.)
- Fahey, Jack E. (See Carter, R. H., and Fahey.)
- Fahl, Leo. (See Paschke, F., Kasmann, and Fahl.)
- Fahland, Frank. (Protzeller, H. W., and Fahland.)
- Fahlbeck, Ernest, Rockford, Ill. Honey gate. 2,042,772; June 2.
- Fahn, Lawrence, assignor to R. H. Held, North Plainfield, N. J. Sanitary tooth brush holder. 2,037,569; Apr. 14.
- Fahrenwald, Arthur W., Moscow, Idaho. Grinding mill. 2,031,697; Feb. 25.
- Fahrenwald, Frank A., Chicago, Ill. Valve and seat for internal combustion. 2,064,155; Dec. 15.
- Fahy, Frank P., et al. (See Nilson, Lars G., assignor.)
- Faichney Instrument Corporation. (See Russell, Claude S., J., assignor.)
- Failing, Homer B., Syracuse, N. Y., assignor of one-third to H. E. Walters, and one-third to W. E. Jaquith, Syracuse, N. Y. Clothes washing machine. 2,056,803; Oct. 6.
- Failla, Tony G., Detroit, Mich. Igniter for gas burners. 2,053,397; Sept. 8.
- Failor, Charles W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Signaling system. 2,039,639; May 5.
- Failor, Charles W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,043,740; June 9.



- Fain, Jacob M., Brooklyn, assignor, by mesne assignments to The Patent and Licensing Corporation, New York, N. Y. Aqueous dispersion. 2,027,582; Jan. 14.
- Fain, Jacob M., Brooklyn, and A. Barthel, New York, N. Y. Impermeable bituminous sheets and applying them. 2,057,020; Oct. 13.
- Fair, Albert E. H., St. Catharines, Ontario, Canada. Manufacture of paper. 2,062,563; Dec. 1.
- Fair, Alvan S. (See Plaster, Henry F., assignor.)
- Fair, R. W. (See Kliever, Edward A., assignor.)
- Fairbank, Murry N., Suffolk County, N. Y. Vibration measuring and indicating device. 2,046,154; June 30.
- Fairbanks, E. and T., Company. (See Howard, Alfred C., assignor.)
- Fairbanks, Henry N., assignor to Eastman Kodak Company, Rochester, N. Y. Film magazine. 2,051,206; Aug. 18.
- Fairbanks, Morse & Co. (See Anderson, Gordon R., assignor.)
- Fairbanks, Morse & Co. (See Boock, Alfred C., assignor.)
- Fairbanks, Morse & Company. (See Dehn, W. C., and Rix, assignors.)
- Fairbanks, Morse & Co. (See Guthrie, Bernard M., assignor.)
- Fairbanks, Morse & Company. (See Reis, Curt F., assignor.)
- Fairbanks, Morse & Company. (See Renken, H. J., assignor and Thiemann.)
- Fairbanks, Morse & Company. (See Rix, Milton H., assignor.)
- Fairbanks, Morse & Co. (See Schnaitter, Edgar J., assignor.)
- Fairbanks, Morse & Company. (See Schneider, Heinrich, assignor.)
- Fairbanks, Morse & Company. (See Schneider, H., and Brooks, assignors.)
- Fairbanks, Morse & Co. (See Schou, Theodor, assignor.)
- Fairbrother, Jack A. V., Rugby, England, assignor to General Electric Company. Electric discharge device. 2,042,147; May 26.
- Fairbrother, Jack A. V., and J. H. Mitchell, Rugby, England, assignors to General Electric Company. Electric gaseous discharge device. 2,047,018; July 7.
- Fairchild Aerial Camera Corporation. (See Black, William A., assignor.)
- Fairchild Aerial Camera Corporation. (See Gaty, John P., assignor.)
- Fairchild Aerial Camera Corporation. (See Lutz, Frederick W., assignor.)
- Fairchild Aerial Camera Corporation. (See Roters, Herbert C., assignor.)
- Fairchild Aviation Corporation. (See Davis, Walter F., assignor.)
- Fairchild, Charles O., St. Albans, and J. P. Henderson, assignors to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Moisture testing device. 2,063,840; Dec. 8.
- Fairchild, Edwin B., New York, N. Y. Mixture measurer. 2,030,975; Feb. 18.
- Fairchild, Glen G. (See Leake, J. M., and Fairchild.)
- Fairchild, Glen G., assignor of one-fourth to M. E. Whalen, and one-fourth to H. G. Suter, Toledo, Ohio. Fountain brush. 2,041,173; May 19.
- Fairchild, Glen G., and J. M. Leake, Toledo, Ohio. Fastening binding. 2,053,254; Sept. 8.
- Fairchild, Harry C., Elizabethton, Tenn. Camera. 2,042,983; June 2.
- Fairchild, Sherman M. (See Rockwell, E. A., and Fairchild.)
- Fairchild, Sherman M., New York, N. Y. Photographic apparatus. 2,048,439; July 21.
- Fairchild Sons, Incorporated. (See Newkirk, George B., assignor.)
- Fairchild, William, assignor to A. P. W. Paper Co. Inc., Albany, N. Y. Paper folding mechanism. 2,047,552; July 14.
- Fairclough, Henry L., Jr., Clifton, N. J. Spring suspension. 2,044,242; June 16.
- Fairfield, Freeman E., Long Beach, Calif. Self-cleaning well liner and the like. 2,059,939; Nov. 3.
- Fairfield, Howard W., Hinsdale, N. Y. Welder's shield. 2,050,939; Aug. 11.
- Fairfield Specialties Corporation. (See Hoban, Fairfield W., assignor.)
- Fairfield, Walter B., LaGrange, and R. Jongedyk, Hinsdale, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Safety guard and control system. 2,030,976; Feb. 18.
- Fairhurst, John T., Forest Hills, N. Y. Sliding and folding partition. 2,052,089; Aug. 25.
- Fairless, Oscar, Idaho Falls, Idaho. Cigar lighter. 2,062,703; Dec. 1.
- Fairmont Railway Motors, Incorporated. (See Eustis, Irving N., assignor.)
- Fairway Real Estate Company. (See Phillips, Charles H., assignor.)
- Fairweather, David A. W., Laurieston, and R. F. Thomson, Grangemouth, Scotland, assignors, by mesne assignments, to Scottish Dyes Limited. Manufacture of new endolic sulphuric esters of hydroindanthrones. 2,041,402; May 19.
- Fairweather, David A. W., Falkirk, and J. Thomas, deceased, late of Polmont, Scotland, by O. M. Thomas, Wilmslow, and Barclays Bank Limited, Manchester, England, executors, assignors to Imperial Chemical Industries Limited. Sulphuric acid esters of indanthrone. 2,063,594; Dec. 8.
- Fairweather, Eric J. (See Brand, W. T., and Fairweather.)
- Faith Mfg. Co. (See Faith, S., and Klasstörner, assignors.)
- Faith, Stephen, and S. Klasstörner, assignors to Faith Mfg. Co., Chicago, Ill. Automobile accessory. 2,026,779; Jan. 7.
- Falcon, Joseph V., Evanston, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Gun sight. 2,058,968; Oct. 27.
- Falcone, Louis A., Dunbar, Pa. Door stop. 2,055,743; Sept. 29.
- Falconer, John R. (See Chase, P. H., and Falconer.)
- Falconer, Stuart A. (See Christmann, L. J., and Falconer.)
- Falconer, William S., Preston East, near Melbourne, assignor to International Motor Patents Proprietary Limited, Melbourne, Victoria, Australia. Fuel preheating and mixing apparatus for internal combustion engines. 2,030,508; Feb. 11.
- Falk Corporation, The. (See Day, Percy C., assignor.)
- Falk Corporation, The. (See Falk, H. S., and Day, assignors.)
- Falk Corporation. (See Falk, Herman W., assignor.)
- Falk Corporation, The. (See Schmitter, W. P., and Day, assignors.)
- Falk, Elias, Hartford, Conn. Sanding device. 2,064,250; Dec. 15.
- Falk, Harold S., and P. C. Day, assignors to The Falk Corporation, Milwaukee, Wis. Gear structure. 2,038,509; Apr. 21.
- Falk, Herman W., assignor to Falk Corporation, Milwaukee, Wis. Treating gears. 2,060,803; Nov. 17.
- Falk, Maurice, New York, N. Y. Four-sided safety razor and blade. 2,047,553; July 14.
- Falk, Morris, Fitchburg, Mass. Removable plug lock. 2,061,456; Nov. 17.
- Falk, Oscar A., Chicago, Ill. Fuse plug. 2,050,940; Aug. 11.
- Falkenthal, Erwin, Berlin-Dahlem, Germany. Photoelectric cell. 2,034,334; Mar. 17.
- Falkner, Ralph S., Melbourne, Victoria, Australia. Harvesting and treatment of sugar cane. 2,035,118; Mar. 24.
- Falknor, Harold C., New Madison, Ohio. Trailer brake. 2,048,788; July 28.
- Fall, Charles, Montclair, N. J. Nonrefillable bottle with a detector and an impeller. 2,059,568; Nov. 3.
- Falla, Fernando, Millburn Township, Essex County, N. J. Preparing green coffee for roasting. 2,045,591; June 30.
- Fallar, James, Kitchener, and F. M. Richardson, Toronto, Canada, assignors to Cluett, Peabody & Co., Inc., Troy, N. Y. Necktie. 2,034,652; Mar. 17.
- Fallesen, George E., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Print-out emulsion. 2,030,860; Feb. 18.
- Fallon, Clarence M., assignor of one-half to M. L. Fallon, San Diego, Calif. Crutch pad. 2,037,015; Apr. 14.
- Fallon, John, Birmingham, England. Protective container for metal sheets or like metallic goods during the process of heat treatment. 2,033,822; Mar. 10.
- Fallon, John, Birmingham, England. Conveyor furnace for heating metal sheets or plates. 2,056,510; Oct. 6.
- Fallon, John, Birmingham, England. Gas-producer machine or unit for use in conjunction with metallurgical and like furnaces. 2,065,177; Dec. 22.
- Fallon, Minnie L. (See Fallon, Clarence M., assignor.)
- Fallon, Thomas F., assignor to Winchester Repeating Arms Company, New Haven, Conn. Ammunition. 2,050,692; Aug. 11.
- Fallows, Leonard. (See Dreyfus, H., Oxley and Fallows.)
- Fallows, Leonard. (See Oxley, H. F., and Fallows.)
- Falls, Ralph H. (See Gordon, R. A., and Falls.)
- Fallscheer, Fritz, Reutlingen, Germany. Yarn bobbin or tube, particularly for use in looms. 2,042,708; June 2.
- Falor, Clinton, Akron, Ohio. Spark plug. 2,028,971; Jan. 28.
- Falstrom, Henry W. (See Kastner, E. C., and Falstrom.)
- Family Laundry Co., et al. (See Pierce, Lucien, assignor.)
- Fanarjian, John, Union City, N. J. Foldable desk and cabinet unit. 2,050,833; Aug. 11.
- Fancher, Charles J., Chatham, assignor to Landon P. Smith, Inc., Irvington, N. J. Tool. 2,033,134; Mar. 10.
- Fancher, Charles J., Chatham, assignor to Landon P. Smith, Inc., Irvington, N. J. Tool. 2,048,603; July 21.
- Fankboner, Harland, assignor to The Goss Printing Press Company, Chicago, Ill. Method and apparatus for preparing stereotype matrices. 2,027,524; Jan. 14.
- Fanner Manufacturing Company, The. (See Raible, Charles G., assignor.)
- Fannin, Albert W., Dunedin, Fla., assignor to Food Machinery Corporation, San Jose, Calif. Electric furnace. 2,035,306; Mar. 24.
- Fanselow, John R. (See Wilkinson, A. D., and Fanselow.)
- Fansteel Metallurgical Corporation. (See Austin, Miner M., assignor.)



- Fanto, Emil C., Fairfield, and A. L. Omohundro, Wilton, assignors to McKesson & Robbins, Incorporated, Bridgeport, Conn. Mono-acetoxy-mercuri-alkyl-phenol-sulphonic acid. 2,037,371; Apr. 14.
- Fantone, Charles B., Lyndhurst, and R. M. Jameson, Teaneck, assignors to Synco Machine Company, Newark, N. J. Centrifugal switch. 2,044,160; June 16.
- Fantz, Fred C. (See Ard, Charles E., assignor.)
- Fantz, Fred C., Webster Groves, Mo. Return bend. 2,046,155; June 30.
- Fantz, Fred C., Webster Groves, Mo. Return bend for oil stills. 2,046,156; June 30.
- Fanzoi, John, West Hartford, Conn. Book end. 2,031,698; Feb. 25.
- Faragher, Warren F., Woodbury, N. J., and E. J. Houdry, Paris, France, assignors to Houdry Process Corporation, Dover, Del. Treatment of hydrocarbons. 2,035,467; Mar. 31.
- Farbenindustrie, I. G. Aktiengesellschaft. (See Lommel, W., and Schröter, assignors.)
- Farber, Arthur. (See Wappler, F. C., and Farber.)
- Färber, Eduard, Heidelberg, Germany, assignor, by mesne assignments, to N. V. Internationale Suiker en Alcohol Compagnie Internationale Sugar and Alcohol Company "Isaco", The Hague, Netherlands. Polymerizing monosaccharides. 2,027,904; Jan. 14.
- Farber, Jacob, New York, N. Y. Tricoin register bank. 2,037,372; Apr. 14.
- Farber, Max, New York, N. Y. Meat smoking device. 2,059,938; Nov. 3.
- Farch, Mogens N., Shaker Heights, assignor to The W. S. Tyler Company, Cleveland, Ohio. Elevator signal system. 2,039,479; May 5.
- Fareso, John, Sr., North Kensington, London, England. Rotary engine, pump, and the like. 2,041,121; May 19.
- Faries, Robert, St. Davids, and J. G. Hartley, Wayne, Pa. Rail grinding machine. 2,035,154; Mar. 24.
- Faries, Robert, St. Davids, and J. B. McWilliams, Pittsburgh, Pa. Shipping container. 2,055,860; Sept. 29.
- Farinella, Concettina. (See Farinella, Nicola, assignor.)
- Farinella, Nicola, assignor to C. Farinella, New York, N. Y. Safety cigar cover. 2,038,350; Apr. 21.
- Farkas, Ladislaus, and P. Harteck, Berlin, Germany. Filling cavities. 2,063,667; Dec. 8.
- Farley, Edward E., Pocatello, Idaho. Closure device. 2,029,065; Jan. 28.
- Farley, George E., and F. A. Koester, assignors to Service Equipment Company, South Gate, Calif. Fluid pressure gauge. 2,038,928; Apr. 28.
- Farley, John W., Cleveland, Ohio. Radiator supporting device. 2,053,987; Sept. 8.
- Farley, Joseph A., West Hartford, Conn. Pneumatic conveyor. 2,026,732; Jan. 7.
- Farley, Lehman G., Montgomery, Pa. Battery terminal and cable clamp. 2,050,566; Aug. 11.
- Farley, Mary K., Montreal, Quebec, Canada. Clothes hanger. 2,061,303; Nov. 17.
- Farmer Bros. Co. (See Farmer, Frank R., assignor.)
- Farmer, Charley W., Macon, Ga. Laminated belting. 2,033,697; Mar. 10.
- Farmer, Clyde C., Pittsburgh, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,031,213; Feb. 18.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,032,120; Feb. 25.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Valve testing device. 2,032,121; Feb. 25.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor governor construction. 2,032,122; Feb. 25.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Triple valve device. 2,032,169; Feb. 25.
- Farmer, Clyde C., Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,033,460; Mar. 10.
- Farmer, Clyde C., Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,033,461; Mar. 10.
- Farmer, Clyde C., Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,033,462; Mar. 10.
- Farmer, Clyde C., Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,033,463; Mar. 10.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,034,286; Mar. 17.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Quick service valve device. 2,034,287; Mar. 17.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,034,288; Mar. 17.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Triple valve device. 2,034,289; Mar. 17.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,035,056; Mar. 24.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Cover plate. 2,035,057; Mar. 24.
- Farmer, Clyde C., Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,038,168; Apr. 21.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,039,712; May 5.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Empty and load brake. 2,039,713; May 5.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake apparatus. 2,042,091; May 26.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,042,092; May 26.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,048,327; July 21.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Retaining valve device. 2,048,328; July 21.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Magnetic rail brake. 2,048,329; July 21.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,052,171; Aug. 25.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,054,855; Sept. 22.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,055,107; Sept. 22.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,055,121; Sept. 22.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Trip cock device. 2,055,122; Sept. 22.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Drain valve device. 2,055,123; Sept. 22.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electro-pneumatic brake. 2,058,008; Oct. 20.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,065,216; Dec. 22.
- Farmer, Clyde C., Pittsburgh, and E. E. Hewitt, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,032,119; Feb. 25.
- Farmer, Clyde C., Pittsburgh, and E. E. Hewitt, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,034,290; Mar. 17.
- Farmer, Clyde C., Pittsburgh, and E. E. Hewitt, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake controlling valve device. 2,038,167; Apr. 21.
- Farmer, Clyde C., Pittsburgh, and E. E. Hewitt, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,045,182; June 23.
- Farmer, Clyde C., Pittsburgh, Pa., and J. E. Redford, Florissant, Mo., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Slack adjuster. 2,065,215; Dec. 22.
- Farmer, Frank R., assignor to Farmer Bros. Co., Los Angeles, Calif. Circulation control for percolators. 2,053,072; Sept. 1.
- Farmer, Gordon C., Newport, Va. Miter box. 2,053,706; Sept. 8.
- Farmer, Gordon C., Newport, Va. Tool guard. 2,053,707; Sept. 8.
- Farmer, Horace E., Grosse Pointe, assignor to Federal Engineering Company, Detroit, Mich. Dough strip feed device. 2,049,362; July 28.
- Farmer, John A., Lancaster, Pa. Combined closure and handle for bag. 2,050,967; Aug. 11.
- Farnar, John C. (See Shaver, W. G., and Farnar.)
- Farnese, Sandro C., Cambridge, Mass. Air conditioning system for motor vehicles. 2,041,598; May 19.
- Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Diode rectifier circuit. 2,034,511; Mar. 17.
- Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Oscillator-detector circuits. 2,044,071; June 16.
- Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Automatic control system. 2,047,166; July 7.
- Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Amplifier circuit. 2,048,737; July 28.
- Farnham, Paul O., Boonton, N. J., assignor to Radio Corporation of America. Detector circuit. 2,048,738; July 28.
- Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Frequency selective transmission network. 2,050,834; Aug. 11.



- Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Automatic control system. 2,052,613; Sept. 1.
- Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Coupled circuits. 2,052,703; Sept. 1.
- Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Selective detection. 2,065,890; Dec. 29.
- Farnon, Hugh J. (See Farnon, William P., and H. J.)
- Farnon, William P. and H. J., San Diego, assignors of one-half to W. A. Montan, Los Angeles, Calif. Scalp invigorator. 2,063,084; Dec. 8.
- Farnsworth, Fordyce B., Wadsworth, Ohio, assignor to The Ohio Injector Company of Illinois, Chicago, Ill. Multiple feed lubricator. 2,057,643; Oct. 13.
- Farnsworth, Philip. (See Hine, Dewey, assignor.)
- Farnsworth, Philo T., assignor, by mesne assignments, to Television Laboratories, Inc., San Francisco, Calif. Method and apparatus for television. 2,037,711; Apr. 21.
- Farnsworth, Philo T., assignor to Television Laboratories, Ltd., San Francisco, Calif. Scanning and synchronizing system. 2,051,372; Aug. 18.
- Farnsworth, Philo T., San Francisco, Calif., assignor to Farnsworth Television Incorporated. Scanning oscillator. 2,059,683; Nov. 3.
- Farnsworth, Philo T., San Francisco, and H. R. Lubcke, Alameda, Calif., assignors to Farnsworth Television Incorporated. Slope wave generator. 2,059,219; Nov. 3.
- Farnsworth, Philo T., San Francisco, Calif., and H. S. Bamford, Philadelphia, Pa., assignors to Farnsworth Television Incorporated, San Francisco, Calif. Incandescent light source. 2,066,070; Dec. 29.
- Farnsworth Television Incorporated. (See Farnsworth, Philo T., assignor.)
- Farnsworth Television Incorporated. (See Farnsworth, P. T., and Bamford, assignors.)
- Farnsworth Television Incorporated. (See Farnsworth, P. T., and Lubcke, assignors.)
- Farnsworth Television Incorporated. (See Varian, Russell H.)
- Farnsworth, Walter M., Canton, assignor to The Republic Steel Corporation, Youngstown, Ohio. Refractory. 2,033,886; Mar. 10.
- Farnsworth, William M. (See Chesny, H. H., Farnsworth, and Manning.)
- Farnworth, George J., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Coating composite articles. 2,059,783; Nov. 3.
- Farquhar, A. B., Co. (See Heim, Daniel C., assignor.)
- Farquhar, A. B., Co. Limited. (See Heim, Daniel C., assignor.)
- Farr, Dexter, Ogden, Utah. Apparatus for producing an edible product. 2,057,941; Oct. 20.
- Farr, Edward A., assignor, by mesne assignments, to Manning Bowman & Co., Meriden, Conn. Sandwich tray and the like. 2,027,032; Jan. 7.
- Farr, Henry V. (See Shreve, R. N., Pritchard, Farr, Still, and Crosby.)
- Farr, Warren D., and F. B. Samuel, Baton Rouge, La., assignors to Standard Oil Development Company. Separating oil from slack wax. 2,062,356; Dec. 1.
- Farr, Warren H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Making brake drums. 2,026,878; Jan. 7.
- Farr, Warren H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake drum. 2,059,170; Oct. 27.
- Farr, Warren H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Forming wheels. 2,062,564; Dec. 1.
- Farrand, Clair L., Larchmont, assignor to United Research Corporation, Long Island City, N. Y. Printing. 2,045,129; June 23.
- Farrand, Clair L., Larchmont, assignor to United Research Corporation, Long Island City, N. Y. Power supply for plural motor interlock systems. 2,055,124; Sept. 22.
- Farrand, Hiram A., Inc. (See Farrand, Hiram A., assignor.)
- Farrand, Hiram A., Inc. (See Ottolini, Joseph, assignor.)
- Farrand, Hiram A., assignor to Hiram A. Farrand, Inc., Berlin, N. H. Rule. 2,033,026; Mar. 3.
- Farrand, Hiram A., assignor to H. A. Farrand, Inc., Berlin, N. H. Rule. 2,050,941; Aug. 11.
- Farrand, Hiram A., assignor to Hiram A. Farrand, Inc., Berlin, N. H. Transmission mechanism. 2,056,844; Oct. 6.
- Farrand, Hiram A., assignor to Hiram A. Farrand, Inc., Berlin, N. H. Coilable measuring device. 2,063,422; Dec. 8.
- Farrand, Hiram A., assignor to Hiram A. Farrand, Inc., Berlin, N. H. Coilable measuring device. 2,063,423; Dec. 8.
- Farrar, Clarence A. (See Goodwin, G. R., and Farrar.)
- Farrar, Cyrus J., Teresita, Mo. Combination funnel and can opener. 2,036,746; Apr. 7.
- Farrar, Ogden S., Statesville, N. C. Automatic dumping wheelbarrow. 2,037,222; Apr. 14.
- Farrel-Birmingham Company. (See Manger, Paul A., assignor.)
- Farrel-Birmingham Company. (See Meehan, Earl T., assignor.)
- Farrell, John J., et al. (See Daley, Thomas D., assignor.)
- Farrell, Joseph E., assignor to Automotive Devices Corporation, Washington, D. C. Automatic switch for electric service lines. 2,035,307; Mar. 24.
- Farrell, Joseph E., assignor to Automotive Devices Corporation, Washington, D. C. Electromagnetic switch for electric service lines. 2,048,250; July 21.
- Farrell Manufacturing Company. (See Crossen, Robert W., Jr., assignor.)
- Farrell, Robert C. (See Brown, E. W., and Farrell.)
- Farrreny, Agustin R., Media, Pa. Geographical globe apparatus. 2,055,969; Sept. 29.
- Farrington, Charles E., Phoenixville, Pa. Paint mixer. 2,035,646; Mar. 31.
- Farrington, Franklin. (See Parker, C. S., Wall, and Farrington.)
- Farrington, Harry J., Newton, assignor to Farrington Manufacturing Company, Boston, Mass. Printing plate. 2,039,074; Apr. 28.
- Farrington, John F., Flushing, N. Y., assignor to Hazeltine Corporation. Wave signaling system. 2,054,412; Sept. 15.
- Farrington Manufacturing Company. (See Anthony, Stanley, assignor.)
- Farrington Manufacturing Company. (See Dugdale, Richard M., assignor.)
- Farrington Manufacturing Company. (See Farrington, Harry J., assignor.)
- Farrington, William H., Chicago, Ill. Golf club head. 2,040,252; May 12.
- Farris, Grover C., assignor of one-third to S. A. Hutchings, Chatham, Mass. Internal combustion engine. 2,034,900; Mar. 24.
- Farrow, Cecil. (See Knerr, H. C., and Farrow.)
- Farrow, Frederick R., Jr., Audubon, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Signal amplifying system. 2,063,304; Dec. 8.
- Farrow, Lillian. (See Farrow, William, and L., and Boyce.)
- Farrow, William T., L. Farrow, deceased, by W. T. Farrow, administrator, and J. C. H. Boyce, Parkstone, England. 2,034,430; Mar. 17.
- Farval Corporation, The. (See Hawks, William K., assignor.)
- Farval Corporation, The. (See Hawks, W. K., and Jennings, assignors.)
- Farwell, Elizabeth J., Jacksonville, Fla. Ornamentation and producing the same. 2,035,540; Mar. 31.
- Fasce, Ezi V. (See Rosson, M. M. and Fasce.)
- Fasce, Charles A. (See Crary, Palmer H., assignor.)
- Fashion Park Manufacturing Corporation. (See D'Annunzio, Harry C., assignor.)
- Fasold, George A. (See Greider, H. W., and Fasold.)
- Fassett, Wallace F., Derby, assignor to The Ansonia O & C Company, Ansonia, Conn. Hose supporter grip. 2,031,699; Feb. 25.
- Fassin, Gustav. (See Forrest, J. W., and Fassin.)
- Fassin, Gustave, Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope. 2,048,440; July 21.
- Fassinger, Charles, Pittsburgh, Pa. Forging apparatus. 2,053,141; Sept. 1.
- Fässler, Emmanuel, Zurich, Switzerland, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric valve protective system. 2,063,237; Dec. 8.
- Fassler, Peter W., Detroit, Mich. Welding machine. 2,033,616; Mar. 10.
- Fassler, Peter W., Detroit, Mich. Portable welding machine. 2,041,913; May 26.
- Fassler, Peter W., Detroit, Mich. One-face resistance welding machine. 2,045,523; June 23.
- Fast, Cornelius W. (See Abbott, J., Fast, and Abbott.)
- Fast, Gustave, assignor to Gustave Fast Engineering Corporation, Annapolis, Md. Friction clutch. 2,026,733; Jan. 7.
- Fast, Gustave, assignor to Gustave Fast Engineering Corporation, Annapolis, Md. Overload release coupling. 2,038,896; Apr. 28.
- Fast, Gustave, Engineering Corporation. (See Fast, Gustave, assignor.)
- Fast, John E., & Company. (See Franklin, William S., assignor.)
- Fast, John E., & Company. (See Kopinski, Louis, assignor.)
- Fasting, Johan S., Valby, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Apparatus for the treatment of slurry-like materials. 2,044,976; June 23.
- Fasting, Johan S., Valby, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Manufacture of cement. 2,049,734; Aug. 4.
- Fastitch Machines Limited. (See Wood, Percy M., assignor.)
- Fate-Root-Heath Company. (See Bowen, Edson E., assignor.)
- Fatland, Conrad, Mount Prospect, Ill. Mop. 2,041,054; May 19.
- Fatland, Conrad, Mount Prospect, Ill. Mop. 2,061,568; Nov. 24.
- Fatland, Severt M., Bremerton, Wash. Handle for confections and method of joining. 2,057,297; Oct. 13.
- Fator, Charles D., Presidio of San Francisco, Calif. Indicating system for pneumatic tires. 2,037,016; Apr. 14.



- Fator, Charles D., San Antonio, Tex. Monocontrol mechanism. 2,040,839; May 19.
- Fator, Charles D., San Antonio, Tex. Speed control of landing gear wheels on aeroplanes. 2,063,032; Dec. 8.
- Faucett, Eric W., Northwich, England, assignor to Imperial Chemical Industries Limited. Refining of crude fats and fatty oils. 2,047,196; July 14.
- Faulds, Norval M., Clearwater, Fla. Fruit juice extractor. 2,065,271; Dec. 22.
- Faulhaber, Roland W., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Saddle. 2,057,374; Oct. 13.
- Faultless Caster Corporation. (See Brokaw, E. A., and Noelting, assignors.)
- Faultless Manufacturing Company, The. (See Hardie, Harry, assignor.)
- Faultless Manufacturing Company, The. (See Hardie, H., and Hargreaves, assignors.)
- Faultless Rubber Company, The. (See Miller, Thomas W., assignor.)
- Fauner, Joseph F., Irvington, N. J. Resilient weather strip. 2,049,494; Aug. 4.
- Faure, Joanny and A. P. Chavrier, Lyon, France. Universal joint. 2,065,999; Dec. 29.
- Faus, Harold T., Lynn, Mass., assignor to General Electric Company. Lag plate for watt-hour meters. 2,050,881; Aug. 11.
- Faus, Harold T., and A. J. Corson, Lynn, Mass., assignors to General Electric Company. Transformer. 2,058,302; Oct. 20.
- Faus, Herbert W., White Plains, N. Y. Speed indicator. 2,047,679; July 14.
- Fausek, Arthur J. and I. F., Clayton, Mo. Apparatus for welding. 2,054,971; Sept. 22.
- Fausek, Arthur J. and I. F., Clayton, Mo. Electrode holder. 2,054,972; Sept. 22.
- Fausek, Arthur J. and I. F., Clayton, Mo. Valve. 2,056,042; Sept. 29.
- Fausek, Arthur J. and I. F., Clayton, Mo. Seal. 2,056,043; Sept. 29.
- Fausek, Arthur J. and I. F., Clayton, Mo. Tapping fitting. 2,056,044; Sept. 29.
- Fausek, Arthur J. and I. F., Clayton, Mo. Electrode holder. 2,056,045; Sept. 29.
- Fausek, Irving F. (See Fausek, Arthur J. and I. F.)
- Fausel, Charles A. (See Brand, H. R. and Fausel.)
- Fausser, Felice. (See Dornig, M., and Fausser.)
- Fausett, Floyd, assignor to Supreme Instruments Corporation, Greenwood, Miss. Radio testing apparatus. 2,046,450; July 7.
- Fausse, Joseph, Melrose Highlands, Mass., assignor to The Celastic Corporation, Wilmington, Del. Stiffening material. 2,027,968; Jan. 14.
- Fausse, Joseph, Melrose Highlands, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping shoe uppers or parts thereof. 2,059,327; Nov. 3.
- Fausset, Ernest R., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Frame welder. 2,060,561; Nov. 10.
- Fausset, Ernest R., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Clutch. 2,060,562; Nov. 10.
- Faust, Fred A. (See Abbott, O. C., and Faust.)
- Favary, Ethelbert, Burbank, Calif. Spring suspension for vehicles. 2,050,693; Aug. 11.
- Favary, Ethelbert, Burbank, Calif. Road guard. 2,050,694; Aug. 11.
- Favre-Bulle, Maurice P., Boulogne sur Seine, France. Electric timepiece. 2,036,917; Apr. 7.
- Favre, Edmond, Toledo, Ohio. Lay-out, checking, and finishing tool. 2,057,516; Oct. 13.
- Fawcett, Francis T., Woodford Green, England. Power transmission. 2,055,895; Sept. 29.
- Fawcett, Thomas H., Philadelphia, Pa. Locomotive driving wheel. 2,065,217; Dec. 22.
- Fawell, Joseph E., Pittsburgh, Pa. Feeder and catcher apparatus for rolling mills. 2,029,915; Feb. 4.
- Fawick Manufacturing Co. (See Eason, Clarence M., assignor.)
- Fay, Albert T., Jr., deceased, Portland, Pauline Fay, administratrix of said Albert T. Fay, Jr., assignor to Moore Dry Kiln Company of Oregon, North Portland, Oreg. Stacker or loader. 2,065,673; Dec. 29.
- Fay, Albert T. Jr., Portland, P. Fay, administratrix of said Albert T. Fay, Jr., deceased, assignor to Moore Dry Kiln Company of Oregon, North Portland, Oreg. Apparatus for tiering, feeding, and loading materials. 2,065,674; Dec. 29.
- Fay, Allan B., Washington, D. C. Drafting apparatus. 2,042,885; June 2.
- Fay, Charles F., Earlilmart, Calif. Door closing device. 2,037,411; Apr. 14.
- Fay, Clifford E., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vacuum tube amplifier. 2,033,278; Mar. 10.
- Fay, Clifford E., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control system. 2,041,122; May 19.
- Fay, Clifford E., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,062,301; Dec. 1.
- Fay, Clifford E., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,062,302; Dec. 1.
- Fay, George W., Philadelphia, Pa. Merchandising display rack. 2,061,937; Nov. 24.
- Fay, Horace B. (See Stratford, Herbert R., assignor.)
- Fay, Joseph W. (See Chambless, Ersyl F., assignor.)
- Fay, Joseph W., Villa Park, assignor of one-half to E. F. Chambless, Chicago, Ill. Shade roller. 2,031,473; Feb. 18.
- Fay, Joseph W., Villa Park, Ill., assignor of one-half to E. F. Chambless, Chicago, Ill. Roller shade mechanism. 2,040,301; May 12.
- Fay, Marc A. A., Garches, France. Toy construction unit. 2,057,942; Oct. 20.
- Fay, Pauline, administratrix. (See Fay, Albert T., Jr.)
- Fay, Richard D., Cambridge, Mass., and H. G. Dorsey, Washington, D. C., assignors, by mesne assignments, to Submarine Signal Corporation, Boston, Mass. Submarine signaling. 2,033,135; Mar. 10.
- Fayerweather, Bruce L. (See Mills, L. E., and Fayerweather.)
- Fays, René. (See Picard, R., and Fays.)
- Fays, René. (See Vautier, L. P. G., and Fays.)
- Fear, Ralph G., Hollywood, Calif. Dual cam intermittent movement. 2,037,124; Apr. 14.
- Feasel, Harry L., New Rochelle, N. Y. Cleaning device. 2,048,689; July 28.
- Feasel, Harry L., New Rochelle, N. Y. Cleaning device. 2,049,054; July 28.
- Featherstone, W. Reay, et al. (See Echberg, Arthur F., assignor.)
- Febrey, Harold H., South Orange, N. J., assignor to The American Steel and Wire Company of New Jersey. Rail bond installation. 2,050,047; Aug. 4.
- Febrey, Harold H., South Orange, N. J., assignor to The American Steel and Wire Company of New Jersey. Vibration damper. 2,065,490; Dec. 22.
- Fechner, Elmer J., assignor to The Page Milk Company, Shelbyville, Ind. Making fat-containing powder. 2,065,675; Dec. 29.
- Fechner, Elmer J., assignor to The Page Milk Company, Shelbyville, Ind. Making fat-containing powder. 2,065,676; Dec. 29.
- Fechtner, Josef, San Francisco, Calif. Beet harvesting machine. 2,061,834; Nov. 24.
- Feddern, Carl O., L. L. Rementer, and W. C. Scott, assignors to Globe Ticket Company, Philadelphia, Pa. Destroyer for tickets. 2,036,207; Apr. 7.
- Fedders Manufacturing Company. (See Askin, Joseph, assignor.)
- Fedders Manufacturing Company. (See Askin, J., and Lear, assignors.)
- Fedders Manufacturing Company. (See Lear, Joseph D., assignor.)
- Fedders Manufacturing Company. (See Przyborowski, Stanislaus, assignor.)
- Fedders Manufacturing Company. (See Smith, Lawrence C., assignor.)
- Fedders Manufacturing Company. (See Yeager, Henry M., assignor.)
- Fedeler, John H., Jr. (See Raisch, W., and Fedeler.)
- Federal Bearings Co., The. (See Smith, William F., assignor.)
- Federal Chain Company. (See Biedermann, William F., assignor.)
- Federal Container Company. (See Usinger, Matthias C., assignor.)
- Federal Electric Company. (See Keating, W. A., and Kinsell, assignors.)
- Federal Enameling & Stamping Company. (See Christman, William T., assignor.)
- Federal Engineering Company. (See Farmer, Horace B., assignor.)
- Federal Foundation Inc. (See Whitlock, R. G., and Sharp, assignors.)
- Federal Glass Company, The. (See Kundts, Theodore A., assignor.)
- Federal Merchandise Company. (See Hueglin, Herman C., assignor.)
- Federal-Mogul Corporation, The. (See Willi, Albert B., assignor.)
- Federal Spring Company. (See Zaparka, Edward F., assignor.)
- Federal Telegraph Company. (See Kolster, Frederick A., assignor.)
- Federal Tobacco Corporation. (See Loewenthal, Bert, assignor.)
- Federated Metals Corporation. (See Barker, Pierce, assignor.)
- Federated Metals Corporation. (See Palmer, S. L., and Beckes, assignors.)
- Federholzner, Henry J., Buffalo, N. Y. Lock. 2,061,354; Nov. 17.
- Federwitz, Theodore A., Philadelphia, assignor to Stokes and Smith Company, Summerdale, Pa. Box machine. 2,044,606; June 16.
- Federwitz, Theodore A., and W. T. Bailey, Philadelphia, assignors to Stokes & Smith Company, Summerdale, Philadelphia, Pa. Feeding and coating system. 2,065,178; Dec. 22.
- Fee, Thomas A., Jr., assignor to Gasoline Energy Distributors Limited, Vancouver, British Columbia, Canada. Expandable and contractible piston for liquid metering cylinders. 2,032,007; Feb. 25.
- Feedrail Corporation. (See Glasgow, Ernest M., assignor.)



- Feeney, William P., Appleton, Wis. Stock regulator. 2,063,595; Dec. 8.
- Fees, W. S. (See Canatsey, Tira O., assignor.)
- Fegan, Dudley M., Brisbane, Queensland, assignor to Animated Slides Limited, Canberra Federal Capitol Territory, Australia. Means for enabling movement of figures in still slide screen projections. 2,058,581; Oct. 27.
- Fegles, Donald B., Minneapolis, Minn. Roof covering. 2,029,817; Feb. 4.
- Fegley, Thomas J., Jenkinstown, and G. O. Leopold, assignors to North Bro's Mfg. Co., Philadelphia, Pa. Ice cracker for tumblers. 2,056,097; Sept. 29.
- Fegley, Thomas J., and G. O. Leopold, assignors to North Bro's Mfg. Co., Philadelphia, Pa. Machine for breaking cubes of ice. 2,065,677; Dec. 29.
- Fehn, Joseph, San Antonio, and B. Schmidt, Lagrange, Tex. Bath apparatus. 2,043,741; June 9.
- Fehr, John R., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,050,650; Aug. 11.
- Fehrle, Alfred. (See Bockmühl, M., and Fehrle.)
- Fehrle, Alfred. (See Strettwolf, K., Fehrle, Fritzsche, and Herrmann.)
- Fehrman, Walter A., Vedado, Habana, Cuba. Pneumatic jack. 2,045,524; June 23.
- Fehse, Adolf, Berlin, and H. Krefft, Berlin-Friedrichshagen, Germany, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,030,435; Feb. 11.
- Feigel, Anton, Astoria, N. Y. Self-winding watch. 2,028,594; Jan. 21.
- Feigenbaum, Joseph, Los Angeles, Calif. Smoke and odor consuming incinerator. 2,052,456; Aug. 25.
- Feigl, Fritz, Vienna, Austria. Substances containing silver and producing the same. 2,040,806; May 12.
- Feild, Alexander L., assignor, by mesne assignments, to Rustless Iron and Steel Corporation of America, Baltimore, Md. Manufacture of alloys of iron, chromium, nickel, and copper. 2,031,152; Feb. 18.
- Feiler, Edmond J., Madison, Wis. Grease gun attachment. 2,043,407; June 9.
- Feiler, Paul, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Thermal treatment of carbon compounds. 2,063,596; Dec. 8.
- Feilkas, Heinrich, Offenbach-on-the-Main, Germany. High speed planing machine with hydraulic ram drive. 2,058,782; Oct. 27.
- Fein, Jacob, Bronx, assignor of one-third to C. Morali, Long Island, and one-third to S. A. Kaynis, New York, N. Y. Self-locking insert for insoles. 2,046,732; July 7.
- Feind, Robert F. (See Newhouse, R. C., Montgomery, and Feind.)
- Feineman, Henry, Brooklyn, N. Y. Knitting machine. 2,030,815; Feb. 11.
- Feiner, Malcolm, Brooklyn, N. Y. Undergarment for women and girls. 2,055,469; Sept. 29.
- Feins, Joseph S., assignor of one-fourth to P. Sadofsky, New York, N. Y. Automobile sanding device. 2,036,030; Mar. 31.
- Feist, Erich, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,057,890; Oct. 20.
- Felber, Frank R., Irvington, N. J. Building construction. 2,035,697; Mar. 31.
- Feld, Arwin C., Sheboygan, Wis. Selfseating valve. 2,059,684; Nov. 3.
- Feldbush, Harry A., Short Hills, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Multistage compressor. 2,043,535; June 9.
- Felde, Adolf Z. (See Mambrauer, W., and Felde.)
- Feldenheimer, William, London, England. Treatment of clays and the like. 2,053,329; Sept. 8.
- Felder, Dudley H. (See Gardner, E. W., Roden, and Felder.)
- Feldermann, William, South Orange, N. J. Humidifier. 2,028,444; Jan. 21.
- Feldermann, William, South Orange, N. J. Motor mounting. 2,051,033; Aug. 18.
- Feldman, Abraham G., Chicago, Ill. Baby carriage. 2,038,169; Apr. 21.
- Feldman, Albert M., New York, assignor to Dewar Manufacturing Company, Brooklyn, N. Y. Broiler. 2,042,773; June 2.
- Feldman, Edward D., assignor to Cap and Cork Corporation, New York, N. Y. Attachment or device for bottles or other containers. 2,059,685; Nov. 3.
- Feldman, Frank, et al. (See Siegel, Samee.)
- Feldman, Henry, Brooklyn, N. Y., assignor to Joseph Galkin Corporation, New York. Duplex feeding mechanism for sewing machines. 2,049,292; July 28.
- Feldman, Herman. (See Lewis, N., and Feldman.)
- Feldman, Jack, et al. (See Siegel, Samee, assignor.)
- Feldman, Jacques, assignor to the firm of J. R. Geigy, A. G., Basel, Switzerland. Mercerizing liquors. 2,045,074; June 23.
- Feldman, Louis, Indianapolis, Ind. Clothes drier. 2,047,680; July 14.
- Feldmeier, Harvey, Little Falls, N. Y., assignor to Cherry-Burrell Corporation, Wilmington, Del. Plate heat exchanger. 2,039,216; Apr. 28.
- Feldmeier, Harvey, Little Falls, N. Y., assignor to Cherry-Burrell Corporation, Wilmington, Del. Heat exchange device. 2,057,297; Oct. 13.
- Feldmühle A. G. vormalis Loeb, Schoenfeld & Co. (See Witte, K., and Cayser, assignors.)
- Feldmühle A. G. vormalis Loeb, Schoenfeld & Co. Rorschach. (See Grauer, Theodore, assignor.)
- Feldspathic Research Corporation. (See Weis, Joseph H., assignor.)
- Feldt, Adolf, Berlin-Charlottenburg, W. Schoeller, Berlin-Westend and Hans-Georg Allardt, Teltow, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Complex compounds of organic mercapto compounds. 2,036,208; Apr. 7.
- Felies, Jacques F., Antwerp, Belgium. Pin-and-slot driving mechanism. 2,050,651; Aug. 11.
- Felins Tying Machine Co. (See Suelflow, A. G., and Wolford, assignors.)
- Felix, Friedrich, and J. Scheidegger, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Condensation products and making same. 2,036,932; Apr. 7.
- Felix, Friedrich, and W. Huber, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs. 2,045,323; June 23.
- Felix, Friedrich, and W. Huber, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs. 2,045,324; June 23.
- Felix, Friedrich, and W. Huber, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs. 2,053,817; Sept. 8.
- Felix, Friedrich, and W. Huber, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs and making same. 2,053,818; Sept. 8.
- Felix, Friedrich, and W. Huber, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Dyeing cellulose esters. 2,053,819; Sept. 8.
- Felix, Friedrich, Basel, M. Bommer, Riehen, near Basel, and W. Huber, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Dyeing of acetate artificial silk. 2,058,433; Oct. 27.
- Felix, Friedrich, M. Bommer, Riehen, near Basel, and W. Huber, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Dyeing of acetate artificial silk. 2,060,186; Nov. 10.
- Fell, Joseph G., Orange, N. J. Tooth brush. 2,056,447; Oct. 6.
- Fellenberg, Richard, Berlin, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,055,525; Sept. 29.
- Fellers, Carl R., Amherst, Mass. Canning of crab meat. 2,027,270; Jan. 7.
- Fellman, Evan L., assignor to E. L. Bruce Company, Memphis, Tenn. Termite control. 2,059,095; Oct. 27.
- Fellmeth, Jacob W., Danville, assignor to A. Finkl & Sons Company, Chicago, Ill. Detachable dipper tooth. 2,064,059; Dec. 15.
- Fellner, Alphonse E. (See Busiek, William A., assignor.)
- Fellows Gear Shaper Company, The. (See Miller, Edward W., assignor.)
- Fellows, Harrison E. (See Klockner, A. C., and Fellows.)
- Felt & Tarrant Mfg. Co. (See Niemann, Frederick A., assignor.)
- Felt & Tarrant Mfg. Co. (See Turck, Joseph A. V., assignor.)
- Feltman, Charles A., Brooklyn, N. Y. Toasting and similar apparatus. 2,032,272; Feb. 25.
- Feltman, David E., Ottawa, Ohio. Planter. 2,035,058; Mar. 24.
- Feltman, David E., Ottawa, Ohio. Planter. 2,048,441; July 21.
- Felton, Augustus C., Jr., Macon, Ga. Apparatus for waste material disposal. 2,046,112; June 30.
- Felts, Herman. (See Felts, Samuel E., assignor.)
- Felts, Samuel E., Pomona, assignor of one-half to H. Felts, San Bernardino County, Calif. Attachment plug with locking device. 2,047,623; July 14.
- Fend, Edward W., Westville, Ind. Dispensing cap. 2,054,743; Sept. 15.
- Fenger, Frederic, assignor to Armour and Company, Chicago, Ill. Production of liver extract. 2,045,266; June 23.
- Fennell, Charles H., San Marino, and J. M. Main, Los Angeles, Calif. Automatic control apparatus. 2,039,526; May 5.
- Fennell, Frank J., Kaleva, Mich. Clothespin. 2,038,651; Apr. 28.
- Fennell, Robert S., and E. E. Spencer, Norwood, Ontario, Canada. Post clamp for storage batteries. 2,062,409; Dec. 1.
- Fennema, Richard. (See Dopp, C. A., and Fennema.)
- Fenner, Von. (See Galvin, M. J., and Fenner.)
- Fenninger, Carl W., trustee. (See Huguenard, Eugene A., assignor.)
- Fenske, Merrell R. (See McCluer, W. B., and Fenske.)
- Fenske, Merrell R., Pennsylvania State College, Pa. Conversion of alcohols to ethers. 2,045,560; June 23.
- Fenske, Merrell R., State College, Pa., assignor to Pennsylvania Petroleum Research Corporation. Pressure control. 2,037,125; Apr. 14.
- Fenske, Merrell R., assignor to The Pennsylvania State College, State College, Pa. Method of and apparatus for fractionating. 2,037,316; Apr. 14.
- Fenske, Merrell R., assignor to The Pennsylvania State College, State College, Pa. Packing material. 2,037,317; Apr. 14.



- Fenske, Merrell R., and W. B. McCluer, State College, Pa., assignors to Pennsylvania Petroleum Research Corporation. Process and apparatus for treating mineral oils. 2,037,318; Apr. 14.
- Fenske, Merrell R., and W. B. McCluer, State College, Pa., assignors to Pennsylvania Petroleum Research Corporation. Treating mineral oils. 2,037,319; Apr. 14.
- Fenske, Merrell R., and W. B. McCluer, State College, Pa., assignors to Pennsylvania Petroleum Research Corporation. Treating mineral oils. 2,047,363; July 14.
- Fenske, Merrell R., and W. B. McCluer, State College, Pa., assignors to Pennsylvania Petroleum Research Corporation. Treating mineral oils. 2,052,971; Sept. 1.
- Fenske, Merrell R., and W. B. McCluer, State College, Pa., assignors to Pennsylvania Petroleum Research Corporation. Process and apparatus for treating mineral oils. 2,064,422; Dec. 15.
- Fenstermacher, John D., Piedmont, and B. B. Sumner, Burlingame, Calif. Car underframe. 2,048,330; July 21.
- Fenton, Kenneth E., Pennville, and H. B. Smith, Upland, Ind. Traffic light. 2,063,305; Dec. 8.
- Fenton, Ray M., assignor to Newton Steel Company, Youngstown, Ohio. Feed table for sheets. 2,030,816; Feb. 11.
- Fenton, Ray M., assignor to The Newton Steel Company, Youngstown, Ohio. Apparatus for finishing sheets. 2,030,817; Feb. 11.
- Fenton, Ray M., assignor to The Newton Steel Company, Youngstown, Ohio. Sheet feeding apparatus. 2,049,112; July 28.
- Fenton, Ray M., Monroe, Mich. Applying finishes to metallic sheets and the like. 2,056,424; Oct. 6.
- Fenton, Warren, Philadelphia, Pa. Alarm and inflation equalizer for pneumatic tires. 2,056,064; Sept. 29.
- Fenwick, Christopher E., L. J. Davies, and E. B. Tuppen, Rugby, England, assignors to General Electric Company. Electric gaseous discharge device of the metal vapor type. 2,056,659; Oct. 6.
- Fenwick, Edward T. (See Thompson, Henry R., assignor.)
- Fenzl, Rudolph A., Houston, Tex. Electric light guard. 2,056,511; Oct. 6.
- Feragen, Arthur E., South Bend, Ind. Motor vehicle testing apparatus. 2,055,430; Sept. 22.
- Ferber, Robert, assignor to the Société L'Aerotopographie, Courbevoie, France. Apparatus for producing plans of ground exclusively by photographic means. 2,059,633; Nov. 3.
- Ferber, Robert P. F., Paris, France. Toy. 2,035,308; Mar. 24.
- Fereday, Frederick T., St. Matthews, assignor to Peerless Manufacturing Corporation, Louisville, Ky. Electrical snubbing means. 2,038,482; Apr. 21.
- Feremutsch, Paul, Zurich, Switzerland. Conversion of milk and cream into butter. 2,051,797; Aug. 18.
- Ferenci, Lester, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Loaf feeding attachment for bread wrapping machines. 2,044,902; June 23.
- Ferguson, Arthur P. (See Jandus, H. S., and Ferguson.)
- Ferguson, Arthur P., assignor to Lyon Cover Company, Detroit, Mich. Tire cover. 2,038,425; Apr. 21.
- Ferguson, Arthur P., assignor to Lyon Cover Company, Detroit, Mich. Spare tire cover. 2,039,786; May 5.
- Ferguson, Arthur P., and G. W. Schatzman, assignors to Lyon Cover Company, Detroit, Mich. Tire cover. 2,033,762; Mar. 10.
- Ferguson, Arthur P., and B. M. Short, assignors to Lyon Cover Company, Detroit, Mich. Tire cover construction. 2,034,464; Mar. 17.
- Ferguson, Arthur P., and B. M. Short, assignors to Lyon Cover Company, Detroit, Mich. Tire cover construction. 2,056,839; Oct. 6.
- Ferguson, Aaron L., Huntington Park, and H. D. Davis, Los Angeles, Calif. Vehicle safety hitch. 2,053,255; Sept. 8.
- Ferguson, Albert G. H., and M. J. Ferguson, Footscray, Victoria, Australia. Manufacture of steel pipes. 2,038,483; Apr. 21.
- Ferguson, Duncan, New Haven, Conn., and H. H. Schell, Garden City, assignors to Sidney Blumenthal & Co., Inc., New York, N. Y. Printed fabric and making same. 2,029,768; Feb. 4.
- Ferguson, Elmer, Spokane, Wash. Nursing nipple. 2,063,424; Dec. 8.
- Ferguson, Elmer E., Spokane, Wash. Insulation stripping tool. 2,054,973; Sept. 22.
- Ferguson, George K. S., assignor to The Baltimore Paper Box Company, Baltimore, Md. Feed trough for poultry. 2,032,978; Mar. 3.
- Ferguson, Harry B., Seattle, Wash. Hand covering. 2,058,221; Oct. 20.
- Ferguson, Hugh J., Vancouver, British Columbia, Canada. Submarine drill. 2,026,879; Jan. 7.
- Ferguson, J. A., Company. (See Ferguson, John A., assignor.)
- Ferguson, J. L., Company. (See Ferguson, John L., assignor.)
- Ferguson, James G., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching system. 2,039,640; May 5.
- Ferguson, James G., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching device. 2,055,656; Sept. 29.
- Ferguson, James R., Royal Oak, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,054,123; Sept. 15.
- Ferguson, John A., assignor of one-third to T. B. Sturges, Pittsburgh, Pa. Metallic structural framework. 2,031,765; Feb. 25.
- Ferguson, John A., West Millcreek Township, Erie County, Pa., assignor to J. A. Ferguson Company. Collapsible tap. 2,055,146; Sept. 22.
- Ferguson, John L., Joliet, Ill. Apparatus for puffing cereals. 2,026,734; Jan. 7.
- Ferguson, John L., Joliet, Ill., assignor, by mesne assignments, to P. Hawkins, Los Angeles, Calif. Tube making machine. 2,062,303; Dec. 1.
- Ferguson, John L., assignor to J. L. Ferguson Company, Joliet, Ill. Bottle packing method and means. 2,042,446; May 26.
- Ferguson, John S., Schenectady, N. Y., assignor to General Electric Corporation. Removing carbonaceous impurities from hydrogen and other gases. 2,032,925; Mar. 3.
- Ferguson, Joseph H., Clarksburg, Pa. Fender straightening machine. 2,051,835; Aug. 25.
- Ferguson, Malcolm P., and P. H. Maurer, Elmira, assignors to Eclipse Machine Company, Elmira Heights, N. Y. Semiautomatic starter control. 2,059,328; Nov. 3.
- Ferguson, Mephan J. (See Ferguson, Albert G. H., and M. J.)
- Ferguson, Ralph H., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Soap cream. 2,047,320; July 14.
- Ferguson, Ralph M., Dayton, Ohio. Flexible gun mount. 2,051,034; Aug. 18.
- Ferguson, Robert V. A., Glasgow, Scotland. Match packet. 2,033,332; Mar. 10.
- Ferguson, Walter A., Flint, Mich. Adjustable bracket. 2,042,886; June 2.
- Ferguson, Warren T., Waban, assignor to Anderson Manufacturing Company, Cambridge, Mass. Spring-cover and its manufacture. 2,043,536; June 9.
- Ferguson, Warren T., Waban, and J. A. Parks, Jr., Milton, Mass., assignors, by mesne assignments, to Anderson Products, Incorporated. Heating system. 2,062,565; Dec. 1.
- Fergusson, Alan R., New York, N. Y. Closure caps for receptacles. 2,041,403; May 19.
- Fergusson, David. (See Cunningham, F. E., and Fergusson.)
- Fergusson, David, assignor to James Cunningham Son & Company, Rochester, N. Y. Vehicle construction. 2,041,599; May 19.
- Fergusson, David, assignor to James Cunningham, Son & Company, Rochester, N. Y. Vehicle tread chain. 2,061,229; Nov. 17.
- Ferm, John F., Midland, assignor to Pittsburgh Crucible Steel Company, Pittsburgh, Pa. Blank feeding means. 2,065,855; Dec. 29.
- Fernández, Alejandro G., Mexico, D. F., Mexico, assignor to Gaf Manufacturing Corporation, New York, N. Y. Oil burner. 2,040,089; May 12.
- Fernandez, Hugo, New Orleans, La. Sheet metal roof. 2,033,422; Mar. 10.
- Fernandez, Serafin S., Las Vegas, Nev. Fire lighter. 2,052,925; Sept. 1.
- Ferney, Daniel F., Grand Rapids, Mich. Extensible top table. 2,061,622; Nov. 24.
- Ferngren, Enoch T., Toledo, Ohio. Plastic wall structure. 2,030,059; Feb. 11.
- Fernholz, Ernst, Berlin-Tempelhof, Germany. Nonreturn valve for use with compressed gases. 2,035,953; Mar. 31.
- Fernseh Aktien-Gesellschaft. (See Möller, R., and Schubert, assignors.)
- Fernseh Aktien-Gesellschaft. (See Schubert, Georg, assignor.)
- Fernstrum, Frank O., assignor to Gray Marine Motor Co., Detroit, Mich. Mounting for marine engines. 2,059,220; Nov. 3.
- Fernstrum, Frank O., assignor to Gray Marine Motor Co., Detroit, Mich. Marine engine temperature control. 2,060,187; Nov. 10.
- Fernström, Gustav W., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Roller bearing cage. 2,034,566; Mar. 17.
- Fernström, Gustav W., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Sealed bearing. 2,034,567; Mar. 17.
- Ferraez, Nicolas, Jr., Highland, Ill. Apparatus for collecting and testing sediments of liquids. 2,055,252; Sept. 22.
- Ferrand, Louis, Paris, France. Furnace for electrolytic purposes. 2,061,146; Nov. 17.
- Ferranti Electric Inc. (See Norris, Eric D. T., assignor.)
- Ferranti Inc. (See de Ferranti, Sebastian Z., assignor.)
- Ferranti Inc. (See Prince, John, assignor.)
- Ferrarelli, Frank, Cincinnati, Ohio. Clothes hanger. 2,051,552; Aug. 18.
- Ferre, Albert W., Wellesley, assignor to B. F. Sturtevant Company, Boston, Mass. Drying apparatus. 2,055,073; Sept. 22.
- Ferree, Clarence E. and G. R., Baltimore, Md. Direct lighting unit. 2,033,235; Mar. 10.
- Ferree, Clarence E. and G. R., Baltimore, Md. Ophthalmic instrument. 2,045,704; June 30.
- Ferree, Clifford B., Pittsburgh, Pa. Cooling of rolls. 2,044,384; June 16.
- Ferree, Clifford B., Pittsburgh, Pa. Forged steel roll. 2,053,582; Oct. 27.



- Ferree, Gertrude R. (See Ferree, Clarence E. and G. R.)  
 Ferrell, Dent, Carterville, and A. W. Helmholtz, Harrisburg, Ill. Blasting process. 2,034,568; Mar. 17.  
 Ferrell, Dent, Carterville, and A. W. Helmholtz, Harrisburg, Ill. Blasting cartridge. 2,034,569; Mar. 17.  
 Ferrell, Enoch B., Oakhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translation system. 2,033,136; Mar. 10.  
 Ferrell, Lewis D., Cleveland, Ohio. Valve reseating tool. 2,044,938; June 23.  
 Ferren, Ted E., Shamrock, Okla. Lock for boomers, chain hooks, and the like. 2,037,971; Apr. 21.  
 Ferreras, Rafael P., Sarria, Barcelona, Spain, assignor to Pedro J. Smith, New York, N. Y. Manufacture of pile fabrics. 2,040,840; May 19.  
 Ferrero, Paul, Tertre, and C. Vandendries, Baudour, assignors to Societe Carbochimiqua, Société Anonyme, Brussels, Belgium. Separation of chlorhydrins from hydrochloric acid solutions. 2,056,448; Oct. 6.  
 Ferreyro, Benito J., Isidro Casanovas, and J. C. B. Pesce, Buenos Aires, Argentina, assignors to Deere & Company, Moline, Ill. Plow. 2,050,488; Aug. 11.  
 Ferrier, Keith, Pocatello, Idaho. Automobile wrecking crane. 2,032,654; Mar. 3.  
 Ferrier, Walden L., Seattle, Wash. Teeth separator. 2,048,856; July 28.  
 Ferrigno, John, Meriden, Conn. Toy vehicle. 2,045,983; June 30.  
 Ferrin, Arthur M., Eden, Utah. Spring protector. 2,041,914; May 26.  
 Ferrini, Guiseppe, Bozeman, Mont. Half-soleing pincers and nailer. 2,048,857; July 28.  
 Ferris, Harvey D. (See Brousseau, G. F., and Ferris.)  
 Ferris, Howard J., assignor to Starline Inc., Harvard, Ill. Milk strainer and cover. 2,065,063; Dec. 22.  
 Ferris, Livingston P., Upper Montclair, R. K. Honaman, and L. S. Inskip, Bloomfield, N. J., assignors to American Telephone and Telegraph Company. Electrical protective system. 2,053,988; Sept. 8.  
 Ferris, Malcolm, Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio frequency oscillator. 2,037,160; Apr. 14.  
 Ferris, Robert G., assignor to Starline, Inc., Harvard, Ill. Stall construction. 2,032,839; Mar. 3.  
 Ferris, Robert G., assignor to Starline Inc., Harvard, Ill. Ventilation system for cattle barns and the like. 2,057,627; Oct. 13.  
 Ferris, Robert G., assignor to Starline, Inc., Harvard, Ill. Stanchion. 2,058,142; Oct. 20.  
 Ferris, Robert G., assignor to Starline, Inc., Harvard, Ill. Vent head. 2,065,438; Dec. 22.  
 Ferris, Seymour W., Aldan, assignor to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil treatment. 2,033,932; Mar. 17.  
 Ferris, Seymour W., Aldan, assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of hydrocarbon oils. 2,046,063; June 30.  
 Ferris, Seymour W., Aldan, assignor to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil treatment. 2,046,064; June 30.  
 Ferris, Seymour W., Aldan, assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of hydrocarbons. 2,062,872; Dec. 1.  
 Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Pump and motor. 2,033,464; Mar. 10.  
 Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Pump or motor. 2,035,647; Mar. 31.  
 Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic locomotive. 2,037,373; Apr. 14.  
 Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Load shifting mechanism for power vehicles. 2,042,519; June 2.  
 Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic feed for machine tools. 2,047,181; July 14.  
 Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Broaching machine. 2,065,219; Dec. 22.  
 Ferris, Walter, Milwaukee, Wis., and E. C. Wollaefer, Cleveland, Ohio, assignors to The Oilgear Company, Milwaukee, Wis. Hydraulic chuck-operating mechanism. 2,060,293; Nov. 10.  
 Ferris, Walter, and J. K. Douglas, assignors to The Oilgear Company, Milwaukee, Wis. Pump or motor. 2,064,299; Dec. 15.  
 Ferris, Warren R., East Orange, N. J., assignor to Radio Corporation of America. System for detecting and amplifying modulated electrical variations. 2,058,432; Oct. 27.  
 Ferris, Warren R., South Orange, N. J., assignor to General Electric Company. Grid structure. 2,047,019; July 7.  
 Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Door opening apparatus. 2,029,526; Feb. 4.  
 Ferro, Casimiro, Bayonne, N. J. Locking device for motor vehicle wheels. 2,042,774; June 2.  
 Ferro Enamel Corporation. (See Chester, Allan E., assignor.)  
 Ferro Enamel Corporation. (See Parkhill, Clarence D., assignor.)  
 Ferro Engineering Company, The. (See Lemmerman, Robert G., assignor.)  
 Ferro Engineering Company, The. (See Urmetz, Walter W., assignor.)  
 Ferrocarril Corporation of America. (See Vogt, Hans, assignor.)  
 Ferrocon Corporation. (See Kotrbaty, Guy F., assignor.)  
 Ferry, Ernest S., Kent, Ohio. Meat-tendering machine. 2,051,207; Aug. 18.  
 Ferry, Joseph D., Harrisburg, Pa. Material treating and handling apparatus. 2,042,655; June 2.  
 Ferry, Joseph D., Harrisburg, Pa. Food handling and preparing apparatus. 2,056,845; Oct. 6.  
 Ferry-Morse Seed Company. (See Palen, William E., assignor.)  
 Fessenden, Helen M., executrix. (See Fessenden, Reginald A.)  
 Fessenden, Reginald A., deceased, Chestnut Hill, Mass., H. M. Fessenden, executrix. Television system. 2,059,221; Nov. 3.  
 Fessenden, Reginald A., deceased, Chestnut Hill, Mass., H. M. Fessenden, executrix. Television apparatus. 2,059,222; Nov. 3.  
 Fessenden, Robert G., Townsend, Mass. Cover for kegs, barrels, or like containers. 2,031,153; Feb. 18.  
 Fessler, Carl H. H., and G. J. Puchta, Cleveland, Ohio, assignors to The American Steel and Wire Company of New Jersey. Coating metal. 2,032,744; Mar. 3.  
 Fessler, Elmer O., Des Moines, Iowa. Conduit cleaning apparatus. 2,028,972; Jan. 28.  
 Fether, Donald W., Downey, assignor to Emsco Asbestos Company, Downey, Calif. Brake and friction lining. 2,033,968; Mar. 17.  
 Fetter, Charles H., Maplewood, N. J., E. R. Morton, New York, N. Y., and H. M. Stoller, Mountain Lakes, N. J., said Fetter, assignor to Electrical Research Products Inc., and said Morton and Stoller assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for the optical calibration of time-pieces. 2,037,161; Apr. 14.  
 Fetter, Edward, deceased, by F. Kemler, administratrix, assignor, by mesne assignments, to H. V. Lucas, Baltimore, Md. Antiseptic bandage. 2,064,898; Dec. 22.  
 Fetter, Ralph S., Buffalo, N. Y. Barrel closure. 2,049,363; July 28.  
 Fetterowsky, Eduard, and H. Lux, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Arrangement adapted to generate ultra short electromagnetic waves. 2,031,101; Feb. 18.  
 Fetyk, Joseph F., New York, N. Y., assignor to Francis Keil & Son, Inc. Sliding panel lock construction. 2,050,695; Aug. 11.  
 Fetyko, Joseph S., Union City, Conn. Safety device for pressure indicators. 2,058,858; Oct. 27.  
 Fiat Società Anonima. (See Accardi, Ferruccio, assignor.)  
 Feuer, Emanuel, Perchtoldsdorf, and P. Kemp, Leising, Austria, assignors to "Smelting" Metallurgische und Metallwerke Aktiengesellschaft, Pestzenterszebet, Hungary. Producing zinc oxide. 2,041,237; May 19.  
 Feussner, Otto, and A. Jede, Hanau-on-the-Main, Germany. Alloy and making same. 2,048,648; July 21.  
 Feussner, Otto, and A. Jede, assignors to the firm W. C. Heraeus Gesellschaft mit beschränkter Haftung, Hanau-on-the-Main, Germany. Producing hard alloys. 2,048,647; July 21.  
 Fevold, Harry L. (See Hisaw, F. L., and Fevold.)  
 Ffield, Paul D. (See Klemperer, W. B., and Ffield, assignors.)  
 Ffield, Paul D., assignor to Goodyear-Zeppelin Corporation, Akron, Ohio. Welding material. 2,043,952; June 9.  
 Fiala, Joseph R., Cicero, Ill. Stamp gauge. 2,054,697; Sept. 15.  
 Fiberloid Corporation, The. (See Brooks, John C., assignor.)  
 Fiberloid Corporation, The. (See Murdock, Frederick M., assignor.)  
 Fiberloid Corporation, The. (See Parkhurst, Frederic A., assignor.)  
 Fiberloid Corporation, The. (See Webber, C. S., and Wilson, assignors.)  
 Fibreboard Products, Inc. (See Ford, G. F., and Pittman, assignors.)  
 Fibre Making Processes, Inc. (See Guettler, H. W., and Christiansen, assignors.)  
 Fichtel & Sachs Aktiengesellschaft. (See Wörner, Heinrich, assignor.)  
 Fichtel & Sachs A. G., et al. (See Wörner, Heinrich, assignor.)  
 Fichtner, Edwin C., San Francisco, Calif. Immersion heater. 2,039,641; May 5.  
 Ficker, Johannes, and E. Eckert, Munich, Germany. Pencil sharpener. 2,039,687; May 5.  
 Fickes, Dewey, assignor to The Beistle Company, Shippensburg, Pa. Attachment for printing presses. 2,041,238; May 19.  
 Fiddymont, John C., Lockport, Ill. Nut recracker. 2,058,072; Oct. 20.  
 Fidelitone Records, Inc. (See Lichten, Maurice A., assignor.)  
 Fidelity Machine Company. (See Blaisdell, Sidney B., assignor.)  
 Fidelity Machine Company. (See Larkin, Walter, assignor.)  
 Fidelity Trust Company, executor. See Bragg, Gilbert A.)  
 Fiedler, Louis, Detroit, Mich. Jar holder. 2,055,344; Sept. 22.  
 Fiedler, William J., Milltown, assignor to Adolph Schelske Parkston, S. Dak. Lifting jack. 2,031,700; Feb. 25.



- Fiege, Henry C., Green Bay, Wis. Cable hitch. 2,032,567; Mar. 3.
- Fiegel, William J., and W. S. Enderich, assignors to Bohn Aluminum and Brass Corporation, Detroit, Mich. Valve assembly. 2,048,789; July 28.
- Field, Albert, Dayton, Ohio. Dental flask for vulcanizing teeth. 2,048,475; June 9.
- Field, Arthur E., London, England. Production of negative with photographic images thereon of enhanced quality. 2,027,271; Jan. 7.
- Field, Bernard, Brookline, and G. J. J. Clark, Whitman, Mass. Gas burner. 2,029,471; Feb. 4.
- Field, Crosby, Brooklyn, N. Y., assignor to Flakice Corporation, Wilmington, Del. Heat exchange apparatus. 2,030,060; Feb. 11.
- Field, Crosby, assignor to Flakice Corporation, Brooklyn, N. Y. Apparatus for closing cartons. 2,051,035; Aug. 18.
- Field, Crosby, Brooklyn, N. Y., assignor, by mesne assignments, to Flakice Corporation, Wilmington, Del. Heat exchange apparatus and method. 2,054,073; Sept. 15.
- Field, Crosby, Brooklyn, N. Y., assignor, by mesne assignments, to Flakice Corporation, Wilmington, Del. Ice making and apparatus. 2,054,074; Sept. 15.
- Field, Edward, Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Petroleum sulphonic acids and sulphonates and preparing the same. 2,036,469; Apr. 7.
- Field, Eugene T., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Bowl-manipulating crane for centrifugal machines. 2,029,709; Feb. 4.
- Field and Flint Co. (See Flint, Perley G., assignor.)
- Field, Henry P., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Mine car. 2,037,374; Apr. 14.
- Field, Joseph C., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective signaling system. 2,029,710; Feb. 4.
- Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Electrically operated thermal relay. 2,035,426; Mar. 24.
- Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Light signal. 2,037,650; Apr. 14.
- Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Three-position mechanical movement. 2,037,651; Apr. 14.
- Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Control system for railway traffic controlling devices. 2,056,138; Sept. 29.
- Field, Samuel B., Holbrook, assignor to Naumkeag Steam Cotton Company, Salem, Mass. Wrapping machine. 2,066,260; Dec. 29.
- Fieldman, Michael, Chicago, Ill., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,060,294; Nov. 10.
- Fields, Charles M., Arlington, assignor, by mesne assignments to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization process. 2,057,674; Oct. 20.
- Fields, John D., Los Angeles, Calif. Treating lubricating oil stock. 2,027,770; Jan. 14.
- Fields, Reuben T. (See Crane, P. W., and Fields.)
- Fields, Reuben T., Arlington, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polymerized organic compounds. 2,057,673; Oct. 20.
- Fiene, Marcus E., Ballston Lake, N. Y., assignor to General Electric Company. Humidity responsive device. 2,064,651; Dec. 15.
- Fierz, Rodolfo, Buenos Aires, Argentina. Line setting device for flat writing machines. 2,049,901; Aug. 4.
- Fiese, Frank, North Platte, Nebr. Jar closure. 2,031,531; Feb. 18.
- Fiesel, Hermann. (See Ruder, H. B., and Fiesel.)
- Fife, Harvey R., Pittsburgh, Pa., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Preparation of reaction products of alkylene oxides and alcohols. 2,053,708; Sept. 8.
- Fifield, Albert F., St. Catharines, Ontario, Canada, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Rail anchor. 2,036,031; Mar. 31.
- Figueira, Joseph, New York, assignor to Leviton Manufacturing Company, Brooklyn, N. Y. Electric lamp socket. 2,058,009; Oct. 20.
- Fikany, James A., Carbondale, Pa. Shoe last. 2,044,676; June 16.
- Fikany, James A., Carbondale, Pa. Adjustable arch. 2,044,751; June 16.
- Fike, James J., et al. (See Fike, Samuel R., assignor.)
- Fike, Samuel R., assignor of one-third to J. J. Fike, and one-third to C. Simon, Sykesville, Pa. Tool securing device. 2,046,815; July 7.
- Fikentscher, Hans, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of acrylic acid chloride. 2,050,752; Aug. 11.
- Fildes, Frederick K., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Drop bottom container. 2,036,170; Mar. 31.
- Fildes, Frederick K., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Lifting sling. 2,047,138; July 7.
- Fildes, Frederick K., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Lifting sling. 2,047,139; July 7.
- Fildes, Frederick K., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Lifting sling. 2,047,140; July 7.
- Fildes, Frederick K., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Lifting sling. 2,047,141; July 7.
- Filehr, Paul, Kassel-K. Germany. Regulating the fuel feed of internal combustion engines. 2,065,272; Dec. 22.
- Files, Adino F., Maumee, Ohio. Coloring material for food fats and oils. 2,042,173; May 26.
- Files, Adino F., Maumee, Ohio. Auxiliary packaging part. 2,059,784; Nov. 3.
- Filipak, Casmier J., assignor to The Holyoke Company, Inc., Holyoke, Mass. Assembling device. 2,061,272; Nov. 17.
- Filippi, Hugo, Chicago, Ill., assignor to Illinois Brick Company. Cutter wire. 2,037,856; Apr. 21.
- Filippone, B., & Co. Inc. (See Tanzi, Guido, assignor.)
- Fillinger, William, Sao Paulo, Brazil. Fluid brake. 2,061,147; Nov. 17.
- Fillmore, Ralph S., Bakersfield, Calif. Deep well pump. 2,060,493; Nov. 10.
- Fillmore, Wright, et al. (See Rowe, Claude O., assignor.)
- Fillo, Francis B., St. Louis, Mo., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Sewage control system. 2,059,635; Nov. 3.
- Film Treatizor Corporation. (See Soman, Lester, assignor.)
- Filmer, R. H., Limited. (See Filmer, Reginald H., assignor.)
- Filmer, Reginald H., Clerkenwell, assignor to R. H. Filmer Limited, London, England. Cardboard box. 2,027,525; Jan. 14.
- Filshie Lead Head Nail Co. (See Upton, John M., assignor.)
- Filson, George W. (See Fonda, J. S., and Filson.)
- Filson, George W., Kenmore, N. Y., and J. H. Walton, Madison, Wis., assignors of one-third to W. S. Pritchard, Mount Vernon, N. Y. Manufacture of hydrogen peroxide. 2,059,569; Nov. 3.
- Filter Tips Limited. (See Edwards, William F. M., assignor.)
- Filter Tips Limited. (See May, Rowland F., assignor.)
- Filtration Equipment Corp. (See Laughlin, William C., assignor.)
- Filtration Equipment Corporation. (See Laughlin, W. C., and Asch, assignors.)
- Filtration Equipment Corporation. (See Zack, Samuel I., assignor.)
- Finberg, David H., and J. A. Gagnon, assignors to B-W Footwear Co. Inc., Worcester, Mass. Making shoes. 2,032,655; Mar. 3.
- Finch, Clark, West Palm Beach, Fla. Self-starting synchronous motor. 2,043,160; June 2.
- Finch, James L., Rocky Point, N. Y., assignor to Radio Corporation of America. Modulation. 2,031,639; Feb. 25.
- Finch, James L., Patchogue, N. Y., assignor to Radio Corporation of America. Crystal controlled oscillation generator. 2,046,618; July 7.
- Finch, James L., Patchogue, N. Y., assignor to Radio Corporation of America. Temperature control device. 2,054,617; Sept. 15.
- Finch, Orland C., Stockton, Kans. Tractor wheel accessory. 2,037,412; Apr. 14.
- Finch, William G. H., New York, N. Y. Image broadcasting system. 2,032,558; Mar. 3.
- Finch, William G. H., Washington, D. C. Image broadcasting system. 2,034,015; Mar. 17.
- Finch, William G. H., New York, N. Y. Image broadcasting system. 2,036,128; Mar. 31.
- Finch, William G. H., New York, N. Y. Telecommunications system. 2,047,863; July 14.
- Finch, William G. H., New York, N. Y. Electromagnetic coupling device. 2,048,604; July 21.
- Finch, William G. H., New York, N. Y. Sheet mounting mechanism. 2,049,169; July 28.
- Finch, William G. H., New York, N. Y. Sheet mounting mechanism. 2,051,511; Aug. 18.
- Finch, William G. H., New York, N. Y. Multistage re-emission amplifier. 2,051,693; Aug. 18.
- Finch, William G. H., New York, N. Y. Electronic distributor. 2,057,773; Oct. 20.
- Finch, William G. H., New York, N. Y. Facsimile system. 2,060,778; Nov. 10.
- Finch, William G. H., New York, N. Y. Image broadcasting system. 2,061,457; Nov. 17.
- Finch, William G. H., New York, N. Y. Newspaper sound record supplement. 2,063,870; Dec. 8.
- Finch, William G. H., New York, N. Y. Facsimile receiving system. 2,066,261; Dec. 29.
- Finch, William G. H., New York, N. Y. Facsimile receiving system. 2,066,262; Dec. 29.
- Finck, Hulda E., St. Charles, Mo. Ironing board cover. 2,031,595; Feb. 25.
- Finckel, William H., Jr., trustee. (See Goethe, Joseph A., assignor.)
- Findlater, Stevenson, McKeesport, Pa., assignor to National Tube Company. Guide device. 2,050,048; Aug. 4.
- Findlater, Stevenson, McKeesport, Pa., assignor to National Tube Company. Guide device. 2,050,049; Aug. 4.
- Findlay, Alexander C., Decatur, Mich. Combination lock. 2,053,901; Sept. 8.



- Findley, Howard J., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Low water safety device for boilers. 2,063,373; Dec. 8.
- Fine, Abraham, Pittsburgh, Pa. Liquid dispenser. 2,043,478; June 9.
- Fine, Joseph L., Pittsburgh, Pa. Soap receptacle. 2,065,799; Dec. 29.
- Fine, Milton, Brooklyn, N. Y. Incandescent electric lamp. 2,055,098; Sept. 22.
- Fineberg, Abraham, Detroit, Mich., assignor to A. Cooper, M. Aronsson, and A. Fineberg, trustees. Removable roller mounting. 2,054,194; Sept. 15.
- Finefrock, Thomas P., and W. F. O'Neil, assignors to The American Gypsum Co., Port Clinton, Ohio. Acoustical or insulating plaster. 2,060,295; Nov. 10.
- Finegan, John A., Kansas City, Mo., assignor to The Raymond Bag Company, Middletown, Ohio. Bag closure. 2,041,239; May 19.
- Fineman, Saul I. (See Birek, John, assignor.)
- Finer, Henry J., and J. Bickers, Erdington, assignors to Constructors Limited, Birmingham, England. Adjustable shelving. 2,064,899; Dec. 22.
- Finfrock, John Q., assignor to National Postal Meter Company, Los Angeles, Calif. Envelope flap opening and moistening device. 2,028,277; Jan. 21.
- Finfrock, John Q., Los Angeles, and F. P. Sager, Alhambra, assignors to National Postal Meter Company, Los Angeles, Calif. Selective denomination printing and registering machine. 2,056,315; Oct. 6.
- Finholm, William S., Forest Hills, N. Y. Piano action. 2,032,745; Mar. 3.
- Finizie, Tomun. (See Blumenkranz, N. M. H., and Finizie.)
- Finizie, Tomun, and G. H. Elwell, assignors to The Greist Manufacturing Company, New Haven, Conn. Electric switch for electric lamp sockets. 2,027,583; Jan. 14.
- Fink, Charles H., Yoakum, Tex. Bottle opener. 2,033,098; Mar. 3.
- Fink, Clyde W., Kansas City, Mo. Pistol holster. 2,049,293; July 28.
- Fink, Harry L., New Rochelle, N. Y. Dividing strip. 2,060,060; Nov. 10.
- Fink, Henry A., assignor to Continental Can Company, Inc., New York, N. Y. Container. 2,062,216; Nov. 24.
- Fink, Henry A., Pelham Manor, assignor to Continental Can Company, Inc., New York, N. Y. Friction top can. 2,064,739; Dec. 15.
- Fink, James O. (See Kinnucan, J. W., and Fink.)
- Fink, John H. and M. Horowitz, Woodhaven, N. Y. Changeable color electric lamp. 2,066,145; Dec. 29.
- Fink, William L., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,551; Jan. 7.
- Finke, Henry J., Jr., Etna, Pa. Emergency wheel. 2,031,257; Feb. 18.
- Finkeldey, Fritz A. B., New York, N. Y. High silica cement. 2,028,386; Jan. 21.
- Finkeldey, Fritz A. B., Santa Cruz, Calif. Method and apparatus for feeding cement kilns. 2,054,156; Sept. 15.
- Finkl, A., & Sons Company. (See Fellmeth, Jacob W., assignor.)
- Finklestein, William. (See Freeman, Samuel, assignor.)
- Finlayson, Alexander, assignor to Pacific Car and Foundry Company, Seattle, Wash. Alloy steel. 2,034,136; Mar. 17.
- Finlayson, Donald. (See Dickie, W. A., Finlayson, and Sowter.)
- Finlayson, Frank E., Pittsfield, Mass., assignor to General Electric Company. Electric heater. 2,043,195; June 2.
- Finlayson, Frank E., Pittsfield, Mass., assignor to General Electric Company. Electric heater. 2,043,196; June 2.
- Finley & Hamilton, Inc. (See Finley, W. H., and Hamilton, assignors.)
- Finley, John T., Chicago, Ill., assignor to Archer-Daniels-Midland Company. Soy bean compound for aging grain distillate. 2,066,263; Dec. 29.
- Finley, Oscar M., Waco, Tex. Automobile screen. 2,041,998; May 26.
- Finley, Walter H., and C. H. Hamilton, assignors to Finley & Hamilton, Inc., Nashville, Tenn. Pressure operated valve structure. 2,064,343; Dec. 15.
- Finn, John, Jr., Berkeley, assignor to E. D. Bullard Company, San Francisco, Calif. Absorbent material and making the same. 2,033,698; Mar. 10.
- Finn, Robert R. (See Beardsley, R. O., Bysshe, and Finn.)
- Finn, Sidney J. (See Ballard, M. H., Bunker, Finn, Hardy, Seely, and Thomas.)
- Finn, Sydney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Last manufacture. 2,026,620; Jan. 7.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Pad for applying pressure to shoe bottoms. 2,030,915; Feb. 18.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoes. 2,035,468; Mar. 31.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for applying liquid to articles. 2,036,324; Apr. 7.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for vulcanizing rubber soles on shoes. 2,045,705; June 30.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping and pressing shoe parts. 2,047,259; July 14.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,048,000; July 21.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Covering machine. 2,051,836; Aug. 25.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for lacing shoe uppers. 2,053,469; Sept. 8.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Device for applying heel-breast covering. 2,057,714; Oct. 20.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Attaching out-soles to shoes. 2,058,434; Oct. 27.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole laying machine. 2,060,061; Nov. 10.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Pressure applying pad. 2,064,900; Dec. 22.
- Finnegan, George B., Jr. (See Durham, H. N., and Finnegan.)
- Finnegan, Martin J., New York, N. Y., assignor to Eclipse Aviation Corporation, East Orange, N. J. Driving mechanism for aircraft parts. 2,057,517; Oct. 13.
- Finney, John H. V., assignor to The Gates Rubber Company, Denver, Colo. Machine for stretching and compressing materials. 2,032,656; Mar. 3.
- Finsen, Eyvind, assignor to Gleason Works, Rochester, N. Y. Machine for producing gears. 2,048,690; July 28.
- Finzel, Theron G. (See Snyder, J. E., and Finzel, assignors.)
- Fioravanti, Raffaele, Milan, Italy, assignor, by mesne assignments, to Biolite, Inc., New York, N. Y. Display device. 2,031,409; Feb. 18.
- Fioravanti, Raffaele, Milan, Italy, assignor, by mesne assignments, to Biolite, Inc., New York, N. Y. Illumination device. 2,036,032; Mar. 31.
- Fiorelli, Ferdinando, Terni, Italy. Combustion process for the use of fluid fuel in Martin furnaces. 2,066,103; Dec. 29.
- Fioroni, Walter. (See Moser, W., and Fiononi.)
- Fippard, Arthur J., Wallington, England. Transmission. 2,055,970; Sept. 29.
- Firestone, Floyd A. (See Abbott, E. J., and Firestone.)
- Firestone Steel Products Company, The. (See Soper, Cleveland C., assignor.)
- Firestone Tire & Rubber Company. (See Allen, Raymond W., assignor.)
- Firestone Tire & Rubber Company, The. (See Brown, Roy W., assignor.)
- Firestone Tire & Rubber Company, The. (See Dillon, J. H., and Allen, assignors.)
- Firestone Tire & Rubber Company, The. (See Hale, James E., assignor.)
- Firestone Tire & Rubber Company, The. (See Heid, Edward L., assignor.)
- Firestone Tire and Rubber Company, The. (See Jones, B. A., and Johnston, assignors.)
- Firestone Tire & Rubber Company, The. (See Lewis, A. P., and Secrest, assignors.)
- Firestone Tire & Rubber Company, The. (See Lewis, Arthur P., assignor.)
- Firestone Tire and Rubber Company, The. (See McLaughlin, F. M., and Hulslander, assignors.)
- Firestone Tire & Rubber Company, The. (See Park, Charles R., assignor.)
- Firestone Tire & Rubber Company, The. (See Robertson, Isaac W., assignor.)
- Firestone Tire & Rubber Company, The. (See Saurer, Curt, assignor.)
- Firestone Tire & Rubber Company. (See Smith, Clifford D., assignor.)
- Firestone Tire & Rubber Company. (See Stevens, Horace D., assignor.)
- Firestone Tire and Rubber Company, The. (See Williamson, G. A., Holmes, and Blackwood, assignors.)
- Firestone Tire & Rubber Company, The. (See Wilson, Robert F., assignor.)
- Firmin, Lawrence W. G. (See Gabriel, L. G., Blott, Peard, Firmin, Meunier, and van der Minne.)
- Firsching, Joseph A., Utica, assignor to Scott & Williams, Incorporated, New York, N. Y. Garment tapering attachment for knitting machines. 2,029,227; Jan. 28.
- First National Bank & Trust Company, administrator. (See Gewalt, William C.)
- First Trust and Savings Bank, trustee. (See Creech, Taylor, assignor.)
- First Wisconsin Trust Company, executor. (See Henricks, Arthur G.)
- First Wisconsin Trust Company, executor. (See Williamson, Robert B.)
- Firster, Charles D., Warren, Ohio. Hen's nest. 2,056,425; Oct. 6.
- Firth, Cyril, assignor to The Youngstown Sheet & Tube Company, Youngstown, Ohio. Apparatus for preparing sheets for welding. 2,063,798; Dec. 8.
- Firth, David, assignor to Marvel Carburetor Company Flint, Mich. Carburetor. 2,055,925; Sept. 29.



- Firth, David, assignor to Marvel Carburetor Company, Flint, Mich. Carburetor float stabilizer. 2,064,156; Dec. 15.
- Firth-Sterling Steel Company. (See Comstock, Gregory J., assignor.)
- Firth, Thos. & John Brown Limited. (See Everett, Samuel J., assignor.)
- Firth, Thos., & John Brown Limited. (See Hatfield, William H., assignor.)
- Fisch, Edmondo, Zurich, Switzerland. Apparatus for the production and use of ozone in therapeutics. 2,054,367; Sept. 15.
- Fischel, Eduard, Berlin-Tempelhof, assignor to Siemens Apparate und maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Automatic control arrangement for aircraft. 2,051,837; Aug. 25.
- Fischer, Albert C., Chicago, Ill. Ice tray. 2,049,902; Aug. 4.
- Fischer, Albert C., Chicago, Ill. Automobile accessory. 2,060,062; Nov. 10.
- Fischer, Albert C., Chicago, Ill. Composition sheet. 2,061,569; Nov. 24.
- Fischer, Albert C., Chicago, Ill. Expansion joint. 2,065,521; Dec. 29.
- Fischer, Albert C., Chicago, Ill. Composition sheet. 2,065,522; Dec. 29.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Composition material. 2,037,507; Apr. 14.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Support for separating strips. 2,064,528; Dec. 15.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. (Constructional material. 2,065,439; Dec. 22.)
- Fischer, Albert T., Cleveland Heights, Ohio. Advertising folder. 2,056,350; Oct. 6.
- Fischer, Andrew J., Chicago, Ill., assignor to Continental-Diamond Fibre Company, Newark, Del. Socket. 2,032,979; Mar. 3.
- Fischer, Anthony J., Jackson Heights, assignor to The Dorr Company, Inc., New York, N. Y. Sedimentation apparatus. 2,064,792; Dec. 15.
- Fischer, Anthony J., Jackson Heights, and N. B. Lund, Seaford, N. Y., assignors to The Dorr Company, Inc., New York, N. Y. Sewage sludge multidigestion. 2,064,529; Dec. 15.
- Fischer, August H., Wolsey, S. Dak. Watch attachment. 2,029,416; Feb. 4.
- Fischer, Carl, assignor of one-third to A. Vogel, and one-third to H. Zitterbaum, Brooklyn, N. Y. Grease gun rack. 2,041,749; May 26.
- Fischer, Erich. (See Diefenbach, E., and Fischer.)
- Fischer, Erich, Bad Soden-on-the-Taunus, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo-dyestuffs containing chromium and preparing them. 2,040,368; May 12.
- Fischer, Erich, Bad Soden-on-the-Taunus, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs containing chromium and preparing them. 2,060,563; Nov. 10.
- Fischer, Ernst, Berlin-Lichterfelde, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Manufacture of tubes from polystyrene and the like substances. 2,047,554; July 14.
- Fischer, Ernst, Berlin-Lichterfelde, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Communication cable. 2,054,010; Sept. 8.
- Fischer, Ernst, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo-dyestuffs. 2,058,222; Oct. 20.
- Fischer, Florian I. (See Seidman, S. H., and Fischer.)
- Fischer, Fritz, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Method and device for reproducing sound records obtained on lenticulated films. 2,033,193; Mar. 10.
- Fischer, Fritz, Berlin-Charlottenburg, F. Strecker, Berlin-Siemensstadt, and H. Neugebauer, Berlin-Lichterfelde, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Apparatus for taking or projecting lenticulated films. 2,029,614; Feb. 4.
- Fischer, H. G., & Company. (See Fischer, H. G., Musket, and Osborn, assignors.)
- Fischer, H. G., & Co. (See Fischer, H. G., Musket, and Richardson, assignors.)
- Fischer, Hellmuth, Ilmenau, Germany. Luminescent glass and making same. 2,049,765; Aug. 4.
- Fischer, Henrietta A., Pittsburgh, Pa. Depilatory. 2,062,411; Dec. 1.
- Fischer, Herman G., P. P. Musket, and D. E. Richardson, assignors to H. G. Fischer & Co., Inc., Chicago, Ill. Low voltage generator. 2,042,334; May 26.
- Fischer, Herman G., P. P. Musket, and H. H. Osborn, assignors to H. G. Fischer & Company, Inc., Chicago, Ill. Combined X-ray and fluoroscopic apparatus. 2,060,981; Nov. 17.
- Fischer, Hermann, assignor to Wurlitzer Grand Piano Company, De Kalb, Ill. Piano sounding board. 2,027,969; Jan. 14.
- Fischer, Johannes, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Production of firmly adhering galvanic coatings on aluminum and aluminum alloys. 2,036,962; Apr. 7.
- Fischer, Joseph, New York, N. Y. Attachment for automobiles. 2,057,611; Oct. 13.
- Fischer, Max W., Washington, D. C., and R. L. Graumann, Alexandria, Va. Pyrotechnic unit. 2,032,357; Mar. 3.
- Fischer, Otto, assignor to Wilhelm Dreusicke & Co. G. m. b. H., Berlin, Germany. Tongs for removing and putting in place the key rings of typewriting machines and the like. 2,037,223; Apr. 14.
- Fischer, Paul E., Kenmore, and J. W. Glover, Buffalo, assignors to Certain-Teed Products Corporation, New York, N. Y. Finishing surfaces. 2,032,405; Mar. 3.
- Fischer, Peter, Palo Alto, Calif. Support for shelves, table tops, and the like. 2,060,931; Nov. 17.
- Fischer, Wallace C. (See Burrell, William C., assignor.)
- Fischer, Wallace C., Chicago, Ill. Expansion joint installing means. 2,027,725; Jan. 14.
- Fischer, Wallace C., Chicago, Ill. Pavement. 2,065,064; Dec. 22.
- Fischer, William H., assignor to Knapp-Monarch Company, St. Louis, Mo. Electrical appliance. 2,040,369; May 12.
- Fischer, William H., assignor to Knapp-Monarch Company, St. Louis, Mo. Electric appliance supporting means. 2,041,327; May 19.
- Fischer, William H., assignor to Knapp-Monarch Company, St. Louis, Mo. Vaporizer. 2,061,148; Nov. 17.
- Fischer, William N. (See Bell, W. C., and Fischer.)
- Fish, Charles R. Jr., Worcester, Mass. Garden tool. 2,065,678; Dec. 29.
- Fish, Edward, New York, N. Y. Advertising card display sign. 2,060,982; Nov. 17.
- Fish, Florence E., et al., executors. (See Fish, Waldo H.)
- Fish, Myron C., et al., executors. (See Fish, Waldo H.)
- Fish, Waldo H., Central Falls, R. I., M. C. Fish and F. D. Fish, executors of said Waldo H. Fish, deceased. Manufacturing loom reeds. 2,048,001; July 21.
- Fishel, Isadore, Cleveland, Ohio. Candle holder. 2,058,223; Oct. 20.
- Fisher, Alfred. (See Egloff, G., and Fisher.)
- Fisher, Alfred, assignor to Universal Oil Products Company, Chicago, Ill. Conversion and coking of hydrocarbon oils. 2,050,427; Aug. 11.
- Fisher, Alfred J., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Closed car ventilation. 2,048,605; July 21.
- Fisher, Alfred J., assignor to General Motors Corporation, Detroit, Mich. Division molding for a windshield. 2,061,760; Nov. 24.
- Fisher, Andrew J., Sparrows Point, Md., assignor to The Brown Instrument Company, Philadelphia, Pa. Flow meter. 2,052,022; Aug. 25.
- Fisher, Anthony C. (See Whitescarver, Charles T., assignor.)
- Fisher, Arthur B. (See Baer, E. G., and Fisher.)
- Fisher, Arthur B., assignor to The Will-Burt Company, Orville, Ohio. Ratchet feed stoker. 2,038,929; Apr. 28.
- Fisher, Arthur W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track switch controlling apparatus. 2,028,539; Jan. 21.
- Fisher, Carl G. (See Bremser, Albert T., assignor.)
- Fisher, Charles, Berkeley, Calif. Moistureproof bag. 2,036,687; Apr. 7.
- Fisher, Charles E., Peekskill, N. Y. Hydraulic brake. 2,043,039; June 2.
- Fisher, David P., Wellington, New Zealand. Sound head for reproducing sound from sound films. 2,062,217; Nov. 24.
- Fisher, Earl P., Jeannette, assignor to American Window Glass Company, Pittsburgh, Pa. Manufacture of laminated glass. 2,050,300; Aug. 11.
- Fisher, Edward H., New York, N. Y., assignor of one-half to J. A. Tompkins, Mountain Lakes, N. J. Portable canopy and beach shelter construction. 2,036,033; Mar. 31.
- Fisher, Elmer F., Auburn, assignor of one-half to J. G. Veino, Worcester, Mass. Valve operating device. 2,046,255; June 30.
- Fisher, Ernest F., Richmond Heights, Mo. Air cooling, washing, and humidifying apparatus. 2,032,404; Mar. 3.
- Fisher, Everett J., Schenectady, N. Y., assignor to General Electric Company. Refrigerating system and charging the same. 2,049,364; July 28.
- Fisher, Frank F., Detroit, Mich. Joining tubes to headers. 2,041,915; May 26.
- Fisher, Fred, St. Edward, Nebr. Hook. 2,037,320; Apr. 14.
- Fisher, Fred D., and G., Jr., Chicago, Ill. Brake. 2,065,679; Dec. 29.
- Fisher, Frederick G., Waban, Mass., assignor to National Folding Box Company, New Haven, Conn. Combination merchandise shipping package and display device. 2,056,003; Sept. 29.
- Fisher, Frederick G., Jr., Red Bank, N. J. Kite parachute. 2,059,634; Nov. 3.
- Fisher, Frederick W. (See Cale, R. G., and Fisher.)
- Fisher, George H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve control system. 2,054,368; Sept. 15.
- Fisher Governor Company. (See Elfers, Paul A., assignor.)
- Fisher, George, Jr. (See Fisher, Fred D. and George, Jr.)
- Fisher, Harmon F., assignor to Union Oil Company of California, Los Angeles, Calif. Electrical dehydrator. 2,029,527; Feb. 4.



- Fisher, Harmon F., assignor to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for dewaxing oil. 2,031,214; Feb. 18.
- Fisher, Harmon F., assignor to Union Oil Company of California, Los Angeles, Calif. Apparatus for dewaxing oil. 2,042,775; June 2.
- Fisher, Harmon F., assignor to Union Oil Company of California, Los Angeles, Calif. Apparatus for dewaxing oil. 2,042,776; June 2.
- Fisher, Harmon F., assignor to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for dewaxing oil. 2,054,075; Sept. 15.
- Fisher, Harmon F., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Dehydrator with preliminary treatment. 2,033,137; Mar. 10.
- Fisher, Harmon F., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Electrical washer for emulsions. 2,050,301; Aug. 11.
- Fisher, Harmon F. and B. G. Aldridge, assignors to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for dewaxing oils. 2,042,887; June 2.
- Fisher, Harold J., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control in two-way signaling systems. 2,047,729; July 14.
- Fisher, Harold W., Elizabeth, N. J., assignor to Standard-I. G. Company. Pyrometer well or the like. 2,045,764; June 30.
- Fisher, Harry C., Cincinnati, and G. Acus, Arlington Heights, assignors to The Richardson Company, Lockland, Ohio. Producing pulps containing rubber substances. 2,057,331; Oct. 13.
- Fisher, Harry L., Leonia, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Tacky rubber compositions and making the same. 2,035,698; Mar. 31.
- Fisher, Harry L., Leonia, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Adhesive and coating composition. 2,057,715; Oct. 20.
- Fisher, Henry C. (See Overton, A. M. and Fisher.)
- Fisher, Herbert E. (See Asper, J., and Fisher.)
- Fisher, Horace H., Salt Lake City, Utah. Method and apparatus for liberating air from receptacles containing carbonated beverages. 2,046,256; June 30.
- Fisher, J. P., Inc. (See Ehrlich, Maximilian, assignor.)
- Fisher, James B. (See Melcher, L. W., and Fisher.)
- Fisher, James B., and M. Hofmann, assignors to Waukesha Motor Company, Waukesha, Wis. Starting system. 2,054,413; Sept. 15.
- Fisher, James M., New Orleans, La. Automatic feed trough. 2,066,264; Dec. 29.
- Fisher, Martin M., Seattle, Wash. Tire retreading mold. 2,030,861; Feb. 18.
- Fisher, Raymond C., Tacoma, Wash. Electrical musical instrument. 2,055,719; Sept. 29.
- Fisher Scientific Company. (See Matuszak, Maryan P., assignor.)
- Fisher, Sol, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Heater. 2,059,329; Nov. 3.
- Fisher, W. Reuen, Frankenmuth, Mich. Hardening metal. 2,040,370; May 12.
- Fisher, Walter S., assignor to The Willys-Overland Company, Toledo, Ohio. Control mechanism. 2,034,335; Fisher, Webster E. (See Malm, E. J., and Fisher.)
- Fisher, Webster E., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Dehydrating pyridine and its homologues. 2,058,435; Oct. 27.
- Fisher, William B., et al. (See Rose, William O., assignor.)
- Fishleigh, John A., Buckland Brewer, Bideford, England. Agricultural implement for cultivating land. 2,051,694; Aug. 18.
- Fishman, Samuel, Bronx, assignor to Atlas Zylonite Corp., Brooklyn, N. Y. Spectacles. 2,058,969; Oct. 27.
- Fiske, Augustus H., Warren, and C. S. Bryan, Providence, assignors to Rumford Chemical Works, Rumford, R. I. Softening water and dissolving calcium salts. 2,059,570; Nov. 3.
- Fisk, Arthur E., assignor of one-half to F. H. Ruppel, Pasadena, Calif. Sliding window unit. 2,032,170; Feb. 25.
- Fisk, Frederick C., Williamsville, N. Y. Machine for manufacturing containers. 2,049,952; Aug. 4.
- Fiske, Augustus H., Warren, and C. S. Bryan, Providence, assignors to Rumford Chemical Works, Rumford, R. I. Making tetraphosphates. 2,031,827; Feb. 25.
- Fiske, Augustus H., Warren, and C. S. Bryan, Providence, R. I., assignors to Rumford Chemical Works, Rumford, R. I. Preparing thiotetraphosphates and products thereof. 2,033,913; Mar. 17.
- Fiske, Augustus H., Warren, and C. S. Bryan, Providence, assignors to Rumford Chemical Works, Rumford, R. I. Manufacture of sodium aluminum sulphate. 2,055,283; Sept. 22.
- Fiske, Augustus H., Warren, and C. S. Bryan, Providence, assignors to Rumford Chemical Works, Rumford, R. I. Producing sodium aluminum sulphate. 2,055,284; Sept. 22.
- Fissan Export Company Julius Bloch & Sohn. (See Sauer, Arthur, assignor.)
- Fitch, Benjamin F., Greenwich, Conn. Demountable body. 2,028,902; Jan. 28.
- Fitch, Benjamin F., Greenwich, Conn. Luggage handling device for railway cars. 2,041,404; May 19.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Freight container. 2,028,770; Jan. 28.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Door locking device for demountable bodies. 2,028,771; Jan. 28.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Demountable freight container. 2,028,900; Jan. 28.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Demountable body. 2,028,901; Jan. 28.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Positioning freight on vehicles. 2,030,862; Feb. 18.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Load lifting cradle. 2,030,863; Feb. 18.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, Wilmington, Del. Apparatus for handling brick. 2,034,722; Mar. 24.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, Wilmington, Del. Freight container. 2,034,723; Mar. 24.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Shock absorbing mounting for demountable bodies. 2,047,954; July 21.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Railway car. 2,047,955; July 21.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Demountable vehicle body. 2,047,956; July 21.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Ladder for freight containers. 2,049,435; Aug. 4.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Load lifting cradle. 2,052,559; Sept. 1.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Demountable body. 2,056,178; Oct. 6.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Demountable tank cradle. 2,056,179; Oct. 6.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Demountable body. 2,063,033; Dec. 8.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Traveling crane. 2,063,909; Dec. 15.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Traveling crane. 2,063,910; Dec. 15.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Traveling crane. 2,063,911; Dec. 15.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Cable winding mechanism. 2,063,912; Dec. 15.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Gantry crane. 2,063,913; Dec. 15.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Trolley hoist. 2,063,914; Dec. 15.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Traveling crane. 2,063,915; Dec. 15.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Load handling mechanism. 2,063,916; Dec. 15.
- Fitch, Clyde J., Jersey City, N. J., assignor to International Business Machines Corporation, New York, N. Y. Remote control apparatus. 2,049,695; Aug. 4.
- Fitch, Ellery R. (See Cook, E. S., and Fitch.)
- Fitch, Ellery R., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Triple valve device. 2,035,059; Mar. 24.
- Fitch, Ellery R., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Gasket. 2,058,010; Oct. 20.
- Fitch, Ellery R., Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Quick service valve mechanism. 2,061,901; Nov. 24.
- Fitch, Hurshel H., assignor to Auburn Foundry Inc., Auburn, Ind. Control for fluid power plants. 2,053,330; Sept. 8.
- Fitch, Louis H., Jr., assignor to Phillips Petroleum Company, Bartlesville, Okla. Resinous products. 2,045,592; June 30.
- Fitch, Otis J., Portland, Oreg., assignor to The Pacific Lumber Company, San Francisco, Calif. Summer cottage. 2,052,757; Sept. 1.
- Fitch, William H., Plainfield, N. J. Recuperator wall. 2,035,309; Mar. 24.
- Fitchburg Paper Company. (See Uong, Diong D., assignor.)
- Fite, Arthur G., Chicago, Ill. Water heating system. 2,047,864; July 14.



- Fitzger, Arnold K., Los Angeles, Calif., and C. R. Dumble, Arlington Heights, Mass., assignors, by mesne assignments, to String Detector Company, Los Angeles, Calif. Detecting and separating fibrous vegetable matter from animal fibers. 2,046,940; July 7.
- Fitzger California Company. (See Brown, R. L., Walters, Brickett, and Coleman, assignors.)
- Fitton, Cyrus J. (See Yingling, Frank B., assignor.)
- Fitton, Samuel. (See Pougher, A. W., and Fitton.)
- Fitz Gerald, Alan S., Wynnewood, Pa. Magnetic amplifier. 2,027,311; Jan. 7.
- Fitz Gerald, Alan S., Wynnewood, Pa. Magnetic amplifying and control system. 2,027,312; Jan. 7.
- Fitzgerald, Alan S., Wynnewood, Pa., assignor to General Electric Company. Automatic circuit breaker system. 2,050,882; Aug. 11.
- Fitz Gerald, Arthur G., West Newton, Mass. Pneumatic tire tube. 2,041,750; May 26.
- Fitzgerald, George E., Stratford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Attachment plug receptacle. 2,032,980; Mar. 3.
- Fitzgerald, John R., Harlingen, Tex. Tomato grading and sizing machine. 2,039,688; May 5.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,031,155; Feb. 18.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lipstick holder. 2,033,333; Mar. 10.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,036,747; Apr. 7.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Automatic primer for internal combustion engines. 2,040,253; May 12.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Carburetor. 2,040,254; May 12.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Coding jig for lock cylinders. 2,063,085; Dec. 8.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Filter. 2,063,086; Dec. 8.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Automatic primer for internal combustion engines. 2,063,087; Dec. 8.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Coincidental lock. 2,063,088; Dec. 8.
- Fitzgerald Manufacturing Company, The. (See Fitzgerald, Martin D., assignor.)
- Fitzgerald Manufacturing Company, The. (See Fitzgerald, Patrick J., assignor.)
- Fitzgerald, Martin D., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Oil excluding ring. 2,036,748; Apr. 7.
- Fitzgerald, Patrick J., Torrington, Conn. Folded and pressed ring. 2,036,520; Apr. 7.
- Fitzgerald, Patrick J., Torrington, Conn. Making rings. 2,036,801; Apr. 7.
- Fitzgerald, Patrick J., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Display and storage rack. 2,037,891; Apr. 21.
- Fitzgerald, Patrick J., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Laminated article and method of making. 2,051,373; Aug. 18.
- Fitzgerald, Patrick J., assignor to The Fitzgerald Mfg. Company, Torrington, Conn. Base mechanism for mixing machines. 2,056,512; Oct. 6.
- Fitzgerald, Patrick J., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Electrical utility device. 2,061,868; Nov. 24.
- Fitz-Gibbon, Dermot, Buenos Aires, Argentina. Spreader-top for tubular containers. 2,034,137; Mar. 17.
- Fitzgibbon, Edward J., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Mooring line. 2,040,769; May 12.
- Fitzgibbon, Edward J., and J. Statz, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Rail bond terminal. 2,052,134; Aug. 25.
- Fitzgibbons Boiler Company. (See Lockett, John W., assignor.)
- Fitzgibbons Boiler Company. (See Noss, O. F., and Lockett, assignors.)
- Fitzkee, Marcia W., San Francisco, Calif. Fluent material dispensing device. 2,028,655; Jan. 21.
- Fitz-On Sales Corporation. (See Chandler, Robert W., assignor.)
- Fitz-On Sales Corporation. (See Critchley, James V., assignor.)
- Fitz-On Sales Corporation. (See Fitzsimmons, James F., assignor.)
- Fitzpatrick, Jeremiah, East Weymouth, Mass. Method of and machine for reforming lasts. 2,030,141; Feb. 11.
- Fitzpatrick, Thomas M. (See Phillips, H. F., and Fitzpatrick.)
- Fitzsimmons, James F., Belmont, assignor to Fitz-On Sales Corporation, Worcester, Mass. Method and tool for anchoring tubes. 2,038,274; Apr. 21.
- Fitzsimmons, John T., administrator. (See Davis, Charles H., Jr.)
- Fitzsimmons, John T. (See Parker, L. O., and Fitzsimmons.)
- Fitz Simons, Ogden, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Solvent fractionation of motor fuel stock. 2,043,288; June 9.
- Fitzsimons, Ogden, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Preparing high antiknock gasoline. 2,048,522; July 21.
- Fitz Simons, Ogden and F. C. Croxton, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Extraction of lubricating oils. 2,053,000; Sept. 1.
- Fitz Simons, Ogden, and F. C. Croxton, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Gasoline extraction. 2,063,597; Dec. 8.
- Fix, Earl L., New Kensington, Pa., assignor to Pittsburgh Plate Glass Company. Safety glass. 2,045,130; June 23.
- Flack, Clyde, San Antonio, Tex. Holder. 2,041,174; May 19.
- Flack, Homer T., White, Pa. Antitheft device. 2,034,336; Mar. 17.
- Flacksbarth, Henry, Minneapolis, Minn. Roller doorlatch. 2,047,464; July 14.
- Fladeland, Albert, Kitsap County, Wash. Turbine. 2,060,414; Nov. 10.
- Flader, Fredric E. (See Luburg, G. A., Molloy, and Flader.)
- Flader, Fredric E. (See Rowe, D. C., Tydon, and Flader.)
- Flagg, Franklin S., Hartford, Conn. Holder for razor blades. 2,056,717; Oct. 6.
- Flagstad, Cornell, Minneapolis, Minn. Folding table. 2,060,367; Nov. 10.
- Flagstad, Oscar A., Minneapolis, Minn. Ironing table. 2,056,044; Sept. 29.
- Flaherty, Mark, Haddon Heights, N. J., assignor to Radio Corporation of America. Television device. 2,047,020; July 7.
- Flaherty, Paul H., and F. P. Murphy, Nashua, assignors to J. F. McElwain Co., Boston, Mass. Shoe and making same. 2,037,652; Apr. 14.
- Flakice Corporation. (See Field, Crosby, assignor.)
- Flakice Corporation. (See Short, Frank, assignor.)
- Flako Products Corporation. (See McCallum, Arthur, assignor.)
- Flameking Company. (See Moir, Charles J., assignor.)
- Flammang, John, University City, P. L. Bowser, St. Louis, and H. Ernst, Pine Lawn, Mo., assignors to The Sterling Corporation, St. Louis, Mo. Composite piston. 2,028,322; Jan. 21.
- Flammang, Peter J., Beech Grove, Ind. Vehicle window with ventilator sections. 2,032,690; Mar. 3.
- Flammang, Peter J., Beech Grove, Ind. Vehicle ventilating means. 2,053,606; Sept. 8.
- Flammiger, Wilhelm, Berlin-Schmargendorf, and M. Rohde, Berlin, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt near Berlin, Germany. Sealing in lead-in wires. 2,046,019; June 30.
- Flanders, Warren B., Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gland. 2,058,143; Oct. 20.
- Flanders, Warren B., Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine. 2,064,825; Dec. 22.
- Flannery, John W., Portland, Oreg. Refining metals. 2,049,004; July 28.
- Flansburg, Ellery W. (See di Lustro, V. F., and Flansburg.)
- Flaschengas-Geräte Gesellschaft mit beschränkter. (See Strelow, Wilhelm, assignor.)
- Flath, Electa M. (See Flath, Otto S., assignor.)
- Flath, Otto S., assignor to E. M. Flath, Chicago, Ill. Park-way cable outlet. 2,041,055; May 19.
- Flatt, Frederick W. (See Flatt, John W., assignor.)
- Flatt, John W., assignor to F. W. Flatt, Toledo, Ohio. Cutting and drawing table. 2,034,177; Mar. 17.
- Flaughner, John D. (See Beck, R. W., and Rogge, assignors.)
- Flum, Julius, New York, N. Y. Electrical mixer. 2,065,440; Dec. 22.
- Flavin, Arthur C., Evans Mills, T. M. Flavin, Gouverneur, and W. B. Flavin, Evans Mills, N. Y., assignors to R. J. Hamilton, Jr., Pittsburgh, Pa. Strainer. 2,059,636; Nov. 3.
- Flavin, John J., Chicago, Ill. Tool for use in pipes. 2,038,170; Apr. 21.
- Flavin, Thomas M. (See Flavin, Arthur C., T. M., and W. B.)
- Flavin, William A., St. Louis, Mo. Latch device. 2,034,570; Mar. 17.
- Flavin, William B. (See Flavin, Arthur C., T. M., and W. B.)
- Flaws, John, Jr. (See Donovan, J. F., and Flaws.)
- Flaws, John, Jr., Cleveland Heights, Ohio, assignor to General Electric Company. Detection device. 2,027,157; Jan. 7.
- Flaws, John, Jr., Cleveland Heights, Ohio, assignor to General Electric Company. Machine for making grids. 2,034,653; Mar. 17.
- Flaws, John, Jr., Cleveland Heights, Ohio, assignor to General Electric Company. Coating filaments and similar articles. 2,062,124; Nov. 24.
- Flaws, John, Jr., Cleveland Heights, and A. W. Seitz, Euclid, Ohio, assignors to General Electric Company. Apparatus for feeding wires for electric lamps and similar devices. 2,042,520; June 2.
- Fleck, Elmer E. (See Dahlen, M. A., and Fläck.)
- Fleckenstein, George A., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating device for sewing machines. 2,047,730; July 14.



- Fleckles, Maurice, Los Angeles, Calif. Vase. 2,049,645; Aug. 4.
- Fleer, Isaac. (See Eck, H. P., I. B., and H. M. Rosenberg, and Fleer.)
- Fleetwings, Inc. (See De Ganahl, Carl, assignor.)
- Fleetwings, Inc. (See Sutton, Wilson L., assignor.)
- Flegel, Benjamin F. (See Flegel, Frederick W., assignor.)
- Flegel, Frederick W., Racine, Wis. Drink mill. 2,028,595; Jan. 21.
- Flegel, Frederick W., Racine, Wis. Automatic time switch. 2,034,178; Mar. 17.
- Flegel, Frederick W., Racine, assignor to B. F. Flegel, Racine, Wis. Time switch. 2,033,617; Mar. 10.
- Fleisch, Joseph R., Clifton, N. J., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Collapsible tube. 2,056,005; Sept. 29.
- Fleischel, Gaston, Bleneau, France. Control device for variable ratio transmissions. 2,051,553; Aug. 18.
- Fleischer, Joseph, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Absorbent working fluids. 2,035,541; Mar. 31.
- Fleischer, Joseph, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigeration. 2,060,728; Nov. 10.
- Fleischer, Max, Brooklyn, N. Y. Picture apparatus. 2,050,697; Aug. 11.
- Fleischer, Max, New York, N. Y. Making motion picture cartoons. 2,054,414; Sept. 15.
- Fleischer Mills, Inc., Te. (See Fleischer, Nathan I., assignor.)
- Fleischer, Nathan I., assignor to The Fleischer Mills, Inc., Cincinnati, Ohio. Snap tape. 2,043,321; June 9.
- Fleischer, Nathan I., assignor to The Fleischer Mills, Inc., Cincinnati, Ohio. Snap tape. 2,053,820; Sept. 8.
- Fleischer, Paul W. (See von Hofe, G. W., and Fleischer.)
- Fleischer, Paul W., Weehawken, and G. W. von Hofe, Bound Brook, assignors to New Jersey Machine Corporation, Hoboken, N. J. Machine for applying adhesive. 2,060,616; Nov. 10.
- Fleischer, Svend S. C., Charlottenlund, near Copenhagen, Denmark. Warp-tying machine. 2,039,157; Apr. 28.
- Fleischer, Walter L., New York, N. Y. Air conditioning method and means. 2,054,809; Sept. 22.
- Fleischhauer, Richard. (See Schindhelm, H., Gast, and Fleischhauer.)
- Fleischhauer, Richard, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Monoazodyestuffs. 2,055,074; Sept. 22.
- Fleischhauer, Richard, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Monoazodyestuffs. 2,055,377; Sept. 22.
- Fleischhauer, Richard, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Monoazodyestuffs. 2,059,512; Nov. 3.
- Fleischhauer, Richard, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Monoazodyestuffs. 2,065,680; Dec. 29.
- Fleischman, George W., Long Beach, Calif. Self retaining lower denture. 2,043,742; June 9.
- Fleishman, Myron, and J. W. K. Heppner, assignors to Louis Marx & Company, New York, N. Y. Toy garage. 2,036,802; Apr. 7.
- Fleishman, Philip. (See Zulinski, P., and Fleischman.)
- Fleishman, Philip, assignor of ten one-hundredths to Louis Schumacher, New York, N. Y. Effervescent sodium perborate. 2,035,267; Mar. 24.
- Fleischmann, Richard. (See Sturm, E., and Fleischmann.)
- Fleisher, Harry, assignor to Princeton Inc., Watertown, Conn. Run resisting knitted fabric. 2,060,462; Nov. 10.
- Fleisher, Walter L., New York City, N. Y. Treating hygroscopic materials at subatmospheric pressures. 2,041,056; May 19.
- Fleming, Burrill G., Columbus, Ohio. Door operating mechanism. 2,029,818; Feb. 4.
- Fleming, Edward P., Salt Lake City, Utah, assignor to American Smelting and Refining Company, New York, N. Y. Roasting sulphide ores. 2,026,621; Jan. 7.
- Fleming, Edward P., Salt Lake City, Utah, assignor to American Smelting and Refining Company, New York, N. Y. Roasting sulphide ores. 2,026,622; Jan. 7.
- Fleming, George W., Bradford, N. H., assignor to The Milford Rivet and Machine Company, Milford, Conn. Brake lining drilling and countersinking machine. 2,059,223; Nov. 3.
- Fleming, Howard M., West Orange, assignor to Gardner Company, Orange, N. J. Listing, adding, and subtracting machine. 2,050,302; Aug. 11.
- Fleming, Isaac, Los Angeles, Calif. Dust collecting apparatus. 2,054,932; Sept. 22.
- Fleming, John A., Los Angeles, Calif. Stirrups for floor exercise. 2,050,652; Aug. 11.
- Fleming, William R., assignor to The Andrews Steel Company, Newport, Ky. Steel alloy. 2,051,991; Aug. 25.
- Fleener, Albert L. (See Calcott, W. S., Tisdale, and Fleener.)
- Fleener, Albert L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of oil-soluble mercury compounds. 2,049,294; July 28.
- Flesh, Alfred L., assignor to The Piqua Hosiery Company, Inc., Piqua, Ohio. Garment. 2,058,970; Oct. 27.
- Fletcher, Arthur R. (See Black, Harry L., assignor.)
- Fletcher, Ben G. (See Sellman, Robert W., assignor.)
- Fletcher, Charles L. (See Malm, C. J., and Fletcher.)
- Fletcher, Harold W. (See McKellar, M. S., Sherman, and Fletcher.)
- Fletcher, Harold W., assignor to Hughes Tool Company, Houston, Tex. Plunger lift apparatus. 2,038,426; Apr. 21.
- Fletcher, Harold W., assignor to Hughes Tool Company, Houston, Tex. Producing oil from low pressure wells by use of a plunger lift device. 2,057,425; Oct. 13.
- Fletcher, Harold W., and R. Neuhaus, assignors to Hughes Tool Company, Houston, Tex. Plunger lift control. 2,030,436; Feb. 11.
- Fletcher, Henry O., Manchester, N. H. Milling machine. 2,027,726; Jan. 14.
- Fletcher, James, Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Liquid fuel burner. 2,044,720; June 16.
- Fletcher, James, Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Steam and water separator. 2,063,425; Dec. 8.
- Fletcher, James, Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Digester. 2,064,901; Dec. 22.
- Fletcher, John, Kenmore, assignor to Plastergon Wall Board Company, Buffalo, N. Y. Coated article. 2,047,957; July 21.
- Fletcher, Leonard D., and J. C. Krejci, Omaha, Nebr. Hat holder. 2,058,144; Oct. 20.
- Fletcher, Leonard D., and J. C. Krejci, Omaha, Nebr. Garment hanger guard. 2,062,566; Dec. 1.
- Fletcher, Nellie P., Leesburg, Va., and W. A. Fletcher, Los Angeles, Calif. Combined light and flower holder. 2,060,005; Nov. 10.
- Fletcher, William A. (See Fletcher, Nellie P. and W. A.)
- Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Purification of dyestuffs. 2,055,685; Sept. 29.
- Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Diazo composition. 2,062,873; Dec. 1.
- Flettner, Anton, Berlin, Germany. Aircraft. 2,030,578; Feb. 11.
- Flewelling, Edmund T., assignor to F. L. Walker, Dayton, Ohio. Audion tester. 2,042,251; May 26.
- Flexible Fastener Corporation. (See Gaines, Eugene F., assignor.)
- Flexible Steel Lacing Company. (See Olsen, John C., assignor.)
- "Flexitallic" Gasket Co. (See Böhmer, H., Jr., and Lippincott, assignors.)
- Flexlume Corporation. (See Nauth, Raymond, assignor.)
- Flexlume Corporation. (See Whitman, Channing, assignor.)
- Flexser, Leo A. (See Rothberg, P., and Flexser.)
- Fleysher, Maurice H. (See Ogilvie, J., and Fleysher.)
- Fleysher, Maurice H., Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Nitration of dibenzanthrone compounds. 2,052,614; Sept. 1.
- Fleysher, Maurice H., and J. Ogilvie, Buffalo, assignors to National Aniline & Chemical Company, Inc., New York, N. Y. Vat dyestuff paste and producing the same. 2,026,623; Jan. 7.
- Fil-Bac Products Corporation. (See Nye, A. F., and Lawson, assignors.)
- Flick, Melvin, Stillwater, Okla. Pitching horseshoe. 2,045,845; June 30.
- Flieg, Oskar, Limburgerhof, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Peat fertilizer. 2,038,994; Apr. 28.
- Fliesberg, Erhard A. M., Appelvikén, Stockholm, Sweden. Transmission gear. 2,049,696; Aug. 4.
- Fliesberg, Erhard A. M., Appelvikén, Stockholm, and A. Björklund, Goteborg, Sweden; said Björklund assignor to said Fliesberg. Transmission gear. 2,026,880; Jan. 7.
- Fligg, James A. (See Wilson, William T., assignor.)
- Flinchum, William W., Oklahoma City, Okla. Laminated and composite packing. 2,058,674; Oct. 27.
- Flindt, Albert O., Scotia, N. Y., assignor to General Electric Company. Temperature regulating system for vapor electric devices. 2,053,142; Sept. 1.
- Flindt, Charles L., San Jose, Calif. Stitching machine. 2,041,405; May 19.
- Flindt, Charles L., San Jose, Calif. Sole trimming machine. 2,051,333; Aug. 18.
- Flindt, Charles L., San Jose, Calif. Sewing machine. 2,058,675; Oct. 27.
- Flinn, Francis J., Brooklyn, N. Y. Combined hinge pin and supporting hook. 2,049,903; Aug. 4.
- Flint, Alfred. (See Appleyard, K. C., and Flint.)
- Flint, Alfred W., London, England. Tobacco pouch and like container. 2,055,405; Sept. 22.
- Flint, Forrest F. T., assignor of one-half to W. Ewart, Detroit, Mich. Fluid pressure motor. 2,041,916; May 26.
- Flint, George W. (See Adams, E. W., and Flint.)
- Flint, George W., assignor to Standard Oil Company, Chicago, Ill. Polish. 2,045,455; June 23.
- Flint, Hyland C., Grosse Pointe, Mich. Ironing table. 2,039,642; May 5.
- Flint, Perley G. (See Cheever, Frederick L., assignor.)
- Flint, Perley G., assignor to Field and Flint Co., Brockton, Mass. Shoe. 2,028,054 Jan. 14.
- Flint, Perley G., assignor to Field and Flint Co., Brockton, Mass. Shoe. 2,040,043; May 5.



- Flint, Robert B. (See Alvarado, A. M., Flint, and Hub-  
buch.)
- Flint, Robert B., assignor to E. I. du Pont de Nemours &  
Company, Wilmington, Del. Chemical process.  
2,046,257; June 30.
- Flint & Walling Manufacturing Company. (See Lung, Ken-  
neth R., assignor.)
- Flintkote Company, The. (See Gabriel, L. G. Blott, Peard,  
Firman, Meunier, and van der Minne, assignors.)
- Flintkote Company, The. (See Hurrell, Guy C., assignor.)
- Flodin, Nels E. (See Eckfeldt, J. J., Flodin, and Lawson.)
- Flodin, Nels E., Latrobe, Pa., and J. J. Eckfeldt, deceased,  
by E. B. Eckfeldt, executrix, Chicago Heights, Ill., as-  
signors to American Locomotive Company, New York,  
N. Y. Apparatus for machining cylindrical surfaces.  
2,053,470; Sept. 8.
- Floeter, Frederick S., assignor to Wickes Bros., Saginaw,  
Mich. Broaching machine. 2,039,480; May 5.
- Flogaus, Howard A., Ferndale, assignor to General Motors  
Truck Corporation, Pontiac, Mich. Motor vehicle driv-  
ing mechanism. 2,037,464; Apr. 14.
- Flood, Carl A., assignor to Dennison Manufacturing Com-  
pany, Framington, Mass. Tag fastener. 2,030,363;  
Feb. 11.
- Flood, Carl A., assignor to Dennison Manufacturing Com-  
pany, Framingham, Mass. Pinning machine. 2,042,888;  
June 2.
- Flood, Carl A., assignor to Dennison Manufacturing Com-  
pany, Framingham, Mass. Printing and embossing.  
2,043,432; June 9.
- Flood, Carl A., assignor to Dennison Manufacturing Com-  
pany, Framingham, Mass. String looping apparatus  
and method. 2,049,999; Aug. 4.
- Flood, Carl A., assignor to Dennison Manufacturing Com-  
pany, Framingham, Mass. String clip. 2,056,180;  
Oct. 6.
- Flood, Carl A., assignor to Dennison Manufacturing Com-  
pany, Framingham, Mass. Attaching device. 2,063,155;  
Dec. 8.
- Flood, Carl A., assignor to Dennison Manufacturing Com-  
pany, Framingham, Mass. String ticket attaching de-  
vice. 2,063,917; Dec. 15.
- Flood, Carl A., assignor to Dennison Manufacturing Com-  
pany, Framingham, Mass. String loop attaching method.  
2,063,918; Dec. 15.
- Flood Company, The. (See Flood, E. D., and Hannum, as-  
signors.)
- Flood, Earl D., and J. A. Hannum, Cleveland Heights, as-  
signors to The Flood Company, Cleveland, Ohio. Coat-  
ing composition. 2,027,095; Jan. 7.
- Flood, Herbert B., Cambridge, Ohio. Coffee making device.  
2,027,272; Jan. 7.
- Flood, Malcolm L., Oceanside, assignor to International  
Communications Laboratories, Inc., New York, N. Y.  
Hand tape gummer. 2,044,840; June 23.
- Flood City Brass & Electric Company. (See Replogle,  
Charles N., assignor.)
- Floor Accessories Company. (See Awbrey, Samuel C., as-  
signor.)
- Flora, Samuel R., Mamaroneck, N. Y., assignor to Zahm  
& Flora, Inc. Manhole cushion. 2,050,050; Aug. 4.
- Floraday, Burton S., Toledo, Ohio, assignor, by mesne  
assignments, to Automobile Ventilation, Inc., Detroit,  
Mich. Vehicle widow ventilator. 2,033,763; Mar. 10.
- Floraday, Burton S., Toledo, Ohio, assignor to Automobile  
Ventilation, Inc., Detroit, Mich. Ventilating window  
mechanism. 2,033,764; Mar. 10.
- Florance, Raymond M., Washington, D. C. Recorder.  
2,035,310; Mar. 24.
- Florance, Warren M. (See Hustad, Hugo R., assignor.)
- Florang, Emil A., Burlington, Iowa. Basket bottom.  
2,054,744; Sept. 15.
- Florence Pipe Foundry & Machine Company. (See  
Camerota, Louis A., assignor.)
- Florence Stove Company. (See Bradbury, William T.,  
assignor.)
- Florenz, Josef, Waagen und Gewichtefabriks, A. G. (See  
Zofzik, Franz, assignor.)
- Floroth, Alvin H., assignor to Gardner Wire Co., Chicago,  
Ill. Terminal end for coiled springs. 2,028,122; Jan.  
14.
- Florez, Jose M., Tampa, Fla. Matrix handling device.  
2,052,090; Aug. 25.
- Florida Humus Company. (See Goding, William B., as-  
signor.)
- Florman, Irving, New York, N. Y. Cigarette lighter.  
2,030,364; Feb. 11.
- Florman, Irving, New York, N. Y. Cigarette lighter.  
2,032,273; Feb. 25.
- Florman, Irving, New York, N. Y. Pipe reamer. 2,034,337;  
Mar. 17.
- Florman, Irving, New York, N. Y. Atomizer. 2,035,599;  
Mar. 31.
- Florman, Irving, New York, N. Y. Instantaneous water  
heater. 2,041,917; May 26.
- Florman, Irving, New York, N. Y. Electric water heater.  
2,043,510; June 9.
- Florman, Irving, New York, N. Y. Holder for lip sticks  
or the like. 2,043,890; June 9.
- Florman, Irving, New York, N. Y. Cigarette lighter.  
2,045,456; June 23.
- Florman, Irving, New York, N. Y. Watch. 2,046,065;  
June 30.
- Florman, Irving, New York, N. Y. Cigarette lighter.  
2,046,066; June 30.
- Florman, Irving, New York, N. Y. Flexible shutter and  
making same. 2,054,499; Sept. 15.
- Florsheim Shoe Company, The. (See Vance, Philip B., as-  
signor.)
- Florsheim Shoe Company, The. (See White, John J., as-  
signor.)
- Flory, Leslie E., Oaklyn, N. J., assignor to Radio Corpora-  
tion of America. Photoelectric device. 2,045,984;  
June 30.
- Flour Mills of America, Inc. (See Heald, William L., as-  
signor.)
- Flournoy, Addison H., Washington, D. C. Rotating tooth  
brush. 2,059,330; Nov. 3.
- Flournoy, Walker R. (See Floyd, Samuel A., assignors.)
- Flower, Wesley B., East Liverpool, Ohio. Manufacture of  
earthenware. 2,026,624; Jan. 7.
- Flowers, Alan E., Poughkeepsie, assignor to The De Laval  
Separator Company, New York, N. Y. Cushion for cen-  
trifugal tubes. 2,053,185; Sept. 1.
- Flowers, Henry F., Findlay, Ohio. Dump vehicle.  
2,029,995; Feb. 4.
- Flowers, Henry F., Findlay, Ohio. Dump vehicle.  
2,032,840; Mar. 3.
- Flowers, Henry F., Findlay, Ohio. Underground mine car.  
2,063,544; Dec. 8.
- Flowers, Henry F., Findlay, Ohio. Independent truck  
assembly for wheel vehicles. 2,063,545; Dec. 8.
- Flowers, Russell H., Holland, assignor of one-fourth to  
F. N. Lewis, Burkessville, and one-fourth to C. Lewis,  
Waterview, Ky. Plow. 2,040,044; May 5.
- Floyd, Ernest P., assignor to Simonds Saw and Steel  
Company, Fitchburg, Mass. Blade testing apparatus.  
2,055,125; Sept. 22.
- Floyd, John M., L. E. Long, J. W. Nash, and H.  
H. Dibble, assignors to Bendix Aviation Corporation,  
South Bend, Ind. Welding machine. 2,041,461; May  
19.
- Floyd, Samuel R., assignor to Atlanta Harness and Reed  
Manufacturing Company, Atlanta, Ga. Mail eye clinch-  
ing device and forming cotton harness having metal  
eyes. 2,030,977; Feb. 18.
- Floyd, Samuel A., assignor of one-half to W. R. Flournoy,  
Columbus, Ga. Roller picking machine for spinning  
frames. 2,059,571; Nov. 3.
- Floyd-Wells Company, The. (See Schneider, Frank H., as-  
signor.)
- Fluegelman, Max. (See Kalvin, Louis, assignor.)
- Fluke, George D., Altoona, Pa. Weather guard. 2,035,542;  
Mar. 31.
- Flurscheim, Cedric H., Fleet, England, assignor to General  
Electric Company. Electric oil circuit breaker.  
2,055,345; Sept. 22.
- Flurscheim, Cedric H., Fleet, England, assignor to General  
Electric Company. Liquid immersed electric circuit  
breaker. 2,064,652; Dec. 15.
- Flury, William J., Long Beach, Calif. Perforation cleaner  
and bailer. 2,062,783; Dec. 1.
- Flury, William J., Long Beach, Calif., assignor of one-  
third to L. P. Brandel, and one-third to F. Halfen, Long  
Beach, Calif. Bailer. 2,051,521; Aug. 18.
- Flury, William J., assignor of one-third to F. Halfen, and  
one-third to L. P. Brandel, Long Beach, Calif. Double  
sealed differential pressure bailer. 2,054,766; Sept. 15.
- Flury, William J., assignor of one-third to F. Halfen, and  
one-third to L. P. Brandel, Long Beach, Calif. Bailer  
with automatic discharge relief valve. 2,054,767; Sept.  
15.
- Flygare, Carl G., assignor to Norton Company, Worcester,  
Mass. Cam grinding apparatus. 2,053,866; Sept. 8.
- Flygare, Carl G., assignor to Norton Company, Worcester,  
Mass. Grinding wheel truing apparatus. 2,056,148;  
Sept. 29.
- Flygare, Carl G., and H. B. Friberg, assignors to Norton  
Company, Worcester, Mass. Roll grinding machine.  
2,063,668; Dec. 8.
- Flynn, Andrew J., Toronto, Ontario, Canada. Mattress  
assembling table. 2,039,158; Apr. 28.
- Flynn, Benjamin H., Alexandria, La. Road reconditioning  
machine. 2,027,685; Jan. 14.
- Flynn, Benjamin H., Alexandria, La. Road recondition-  
ing method and machine. 2,053,709; Sept. 8.
- Flynn, Benjamin H., Alexandria, La. Endless tread ma-  
chine. 2,063,238; Dec. 8.
- Flynn, Edmund J., Palmerton, Pa., assignor to The New  
Jersey Zinc Company, New York, N. Y. Zinc sulphide.  
2,049,646; Aug. 4.
- Flynn, Edward D., New Rochelle, N. Y., assignor, by mesne  
assignments, to Oliver United Filters Incorporated, San  
Francisco, Calif. Treatment of sewage. 2,026,969;  
Jan. 7.
- Flynn, John A., New York, N. Y. Low level indicator on  
storage batteries. 2,033,279; Mar. 10.
- Flynn, John B., assignor to Ternstedt Manufacturing Com-  
pany, Detroit, Mich. Combined arm rest and handle.  
2,038,033; Apr. 21.
- Flynn, John W., Waterford, assignor of two-fifths to C. J.  
Ranney, Troy, N. Y. Shock absorber. 2,038,032; Apr.  
21.
- Flynt, Louis W. G., East Orange, assignor to Sefco, Inc.,  
Newark, N. J. Beverage mixing apparatus. 2,059,572;  
Nov. 3.
- Flynt, Louis W. G., East Orange, assignor to Breeze Cor-  
porations, Inc., Newark, N. J. Making tie rods and  
blank therefor. 2,060,858; Nov. 17.



- Flynt, Louis W. G., East Orange, assignor to Breeze Corporations, Inc., Newark, N. J. Aerofoil wire. 2,060,859; Nov. 17.
- Flynt, Louis W. G., East Orange, assignor to Breeze Corporations, Inc., Newark, N. J. Ferrule applying tool. 2,060,860; Nov. 17.
- Focacci, Matthew D. (See Clark, R. L., and Focacci.)
- Focht, Nevin S., Reading, Pa. Shock absorber. 2,035,954; Mar. 31.
- Focht, Nevin S., Reading, Pa. Hydraulic shock absorber. 2,036,623; Apr. 7.
- Fockler, Fred G., Dunn Center, N. Dak. Acetylene gas generator. 2,042,093; May 26.
- Fodor, George J., South Norwalk, Conn. Stapling machine. 2,040,647; May 12.
- Foehrenbach, Arthur F. and R. F. Shoup, assignors of one-half to Berger Manufacturing Company, Canton, Ohio, and one-half to Shoup Voting Machine Corporation, Union City, N. J. Primary marking mechanism support. 2,050,602; Aug. 11.
- Foehrenbach, Arthur F., R. F. Shoup, and C. M. Bourquin, Canton, Ohio, and S. R. Shoup, North Bergen, N. J., assignors of one-half to Berger Manufacturing Company, Canton, Ohio, and one-half to Shoup Voting Machine Corporation, Union City, N. J. Neutral lock and latch for voting machines. 2,056,780; Oct. 6.
- Foehrenbach, Arthur F., and R. F. Shoup, Canton, Ohio, assignors of one-half to Berger Manufacturing Company, Canton, Ohio, and one-half to Shoup Voting Machine Corporation, Union City, N. J. Interlock support. 2,062,645; Dec. 1.
- Foell, Adolph L., Cleveland Heights, Ohio. Valve. 2,039,075; Apr. 28.
- Foellmer, Johannes, Schwenningen-on-the-Neckar, Germany. Device for inserting tabs in piles of sheets. 2,052,615; Sept. 1.
- Foerste, William, Pelham Manor, assignor to Packard Properties, Inc., New York, N. Y. Electrostatic bypass member. 2,046,374; July 7.
- Foerstner, Frederick W., and R. Forrer, assignors to The Ohio Boxboard Company, Rittman, Ohio. Dispensing carton. 2,053,217; Sept. 1.
- Fogal, Anna E., executrix. (See Fogal, John E. W., assignor.)
- Fogal, John E. W., deceased, by Anna E. Fogal, executrix, Quincy, Ill., assignor to A. E. Fogal. Door operator. 2,045,765; June 30.
- Fogas, Livius V., Detroit, Mich. Gas burner. 2,065,681; Dec. 29.
- Fogelström, Niels O., Kastrup, Denmark. Coupling for hoses, pipes, and the like. 2,039,787; May 5.
- Foges, Georg, Prague, Czechoslovakia. Automatic sealing device. 2,039,401; May 5.
- Foges, Georg, Prague, Czechoslovakia. Method of and apparatus for guiding aircraft in landing. 2,064,599; Dec. 15.
- Fogg, Delia K., Tacoma, Wash. Pad for applying heat to portion of a person's head. 2,038,275; Apr. 21.
- Fogg, Forest A., Bath, Maine. Electric heater for steam radiators. 2,034,612; Mar. 17.
- Fogh, Christian P., Oakland, Calif. Awning. 2,050,835; Aug. 11.
- Fogh, Walter B., Seattle, Wash. Vehicle. 2,032,568; Mar. 3.
- Fogh, Walter B., Seattle, Wash. Barge for transporting logs and the like. 2,042,932; June 2.
- Foisy, George A., assignor to Winchester Repeating Arms Company, New Haven, Conn. Testing apparatus. 2,042,174; May 26.
- Folberth, Frederick G. and W. M., Cleveland, Ohio. Control mechanism for fluid pressure actuated devices. 2,039,076; Apr. 28.
- Folberth, William M. (See Folberth, Frederick G. and W. M.)
- Foley, Fenwick D., St. John County, New Brunswick, Canada. Mold for the manufacture of teapots and the like. 2,031,258; Feb. 18.
- Foley, James F., and G. E. Couillard, Augusta, Ga., assignors to United Merchants & Manufacturers, Inc., New York, N. Y. Method of and machine for multiple web fabric printing. 2,033,618; Mar. 10.
- Foley, Louis D., Louisville, Ky. Spring for vehicles. 2,029,472; Feb. 4.
- Foley, Louis D., Louisville, Ky. Hydraulic gear shift. 2,031,364; Feb. 18.
- Foley, Louis D., Louisville, Ky. Automatic gear shift. 2,053,026; Sept. 1.
- Foley, Thomas S. (See Jenkins, R. L., and Foley.)
- Folger, Roy C., Dearborn, Mich., assignor to The Electric Smelting and Aluminum Co., Cleveland, Ohio. Recovering alumina from aluminous materials. 2,058,145; Oct. 20.
- Folk, Irvin W. (See Anguish, D. F., and Folk.)
- Folk, Joseph. (See Ahnrdt, A. H., and Folk, assignors.)
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Meat slicer. 2,043,850; June 9.
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine construction. 2,050,786; Aug. 11.
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Sharpening mechanism for slicing machines. 2,052,367; Aug. 25.
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Deflector for slicing machines. 2,055,817; Sept. 29.
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,055,818; Sept. 29.
- Folk, Joseph, assignors to U. S. Slicing Machine Company, La Porte, Ind. Slicing mechanism. 2,065,129; Dec. 22.
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,065,572; Dec. 29.
- Follett, David H. (See Twyman, F., and Follett.)
- Follett, E. C., and A. W. Heater, Newberg, Ore. Nail stripper. 2,041,057; May 19.
- Follett, Ivan L., Washington, D. C. Glass washer. 2,049,365; July 28.
- Follis, Paul R., Paducah, Ky. Clutch control mechanism. 2,033,572; Mar. 10.
- Folmer Graflex Corporation, The. (See Hine, Edson S., assignor.)
- Folmer Graflex Corporation, The. (See Korling, Torkel, assignor.)
- Folmer Graflex Corporation. (See Petit, W. H., and Hine, assignors.)
- Folmer Graflex Corporation, The. (See Roth, Charles H., assignor.)
- Folmer, William F., and H. L. Chapin, assignors, by mesne assignments, to J. K. Davidson, Rochester, N. Y. Insect exterminating device. 2,061,458; Nov. 17.
- Fölsche, Viktor, Velten, near Berlin, Germany. Indicating device for use in connection with grinding tools. 2,035,119; Mar. 24.
- Folsom, Edward C., Cleveland, and F. E. Smyser, assignors to The Ottawa River Paper Company, Toledo, Ohio. Display stand. 2,041,751; May 26.
- Folsom, Leon T. (See MacGregor, J. R., Folsom, and Edwards.)
- Folsom, Leon T., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Dynamometer. 2,054,076; Sept. 15.
- Folsom, Leon T., Berkeley, and J. R. MacGregor, Albany, assignors to Standard Oil Company of California, San Francisco, Calif. Thermostat. 2,032,358; Mar. 3.
- Fonda, John S., Buffalo, and G. W. Filson, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of artificial thread. 2,064,300; Dec. 15.
- Fonos, Peter J., Leavenworth, Kans. Live bait bucket. 2,032,274; Feb. 25.
- Fonseca, Edward L., assignor to The Wilcolator Company, Newark, N. J. Remote indicating temperature responsive device. 2,060,296; Nov. 10.
- Fontaine, Julian F., Meadville, Pa. Sanitary belt. 2,064,740; Dec. 15.
- Fontana, Fernando, assignor to La Forestal Argentina, S. A. de Tierras, Maderas y Explotaciones Comerciales e. Industriales, Buenos Aires, Argentina. Treatment of tannin extracts. 2,058,303; Oct. 20.
- Food and Fruit Industries, Inc. (See Grab, Eugene G., assignor.)
- Food Machinery Corporation. (See Bauer, Edward G., assignor.)
- Food Machinery Corporation. (See de Back, William, assignor.)
- Food Machinery Corporation. (See Fannin, Albert W., assignor.)
- Food Machinery Corporation. (See Hait, James M., assignor.)
- Food Machinery Corporation. (See Harvey, Rodney B., assignor.)
- Food Machinery Corporation. (See Jones, Lloyd E., assignor.)
- Food Machinery Corporation. (See Knight, Floyd A., assignor.)
- Food Machinery Corporation. (See Magnuson, Roy M., assignor.)
- Food Machinery Corporation. (See McDill, R. De O., and Jones, assignors.)
- Food Machinery Corporation. (See Morse, James W., assignor.)
- Food Machinery Corporation. (See Morse, J. W., and Moore, assignors.)
- Food Machinery Corporation. (See Morse, J. W., and Phillips, assignors.)
- Food Machinery Corporation. (See Paxton, Carl H., assignor.)
- Food Machinery Corporation. (See Paxton, Gerald C., assignor.)
- Food Machinery Corporation. (See Schmidt, John, assignor.)
- Food Machinery Corporation. (See Schmidt, J., assignor, and Eberts.)
- Food Machinery Corporation. (See Sharma, Jagan N., assignor.)
- Food Machinery Corporation. (See Sheldon, Henry A., assignor.)
- Food Machinery Corporation. (See Stockdale, Harry C., assignor.)
- Food Machinery Corporation. (See Thompson, Albert R., assignor.)
- Food Machinery Corporation. (See Thompson, A. R., and de Back, assignors.)
- Food Machinery Corporation. (See Thompson, A. R., and Hait, assignors.)
- Food Machinery Corporation. (See Van Wyk, Paul, assignor.)
- Food Machinery Corporation. (See Walker, Edwin R., assignor.)



- Foohey, William L., and F. W. Peck, Pennsgrove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing arylamines of the benzene series. 2,048,790; July 28.  
 Foote Bros. Gear & Machine Co. (See Lewis, Otto L., assignor.)  
 Foote Burt Company, The. (See Schiltz, Bernard P., assignor.)  
 Foote, Edward B., assignor to Taylor Instrument Companies, Rochester, N. Y. Time schedule control system. 2,050,753; Aug. 11.  
 Foote Gear Works, Inc. (See Gunderson, Gunner E., assignor.)  
 Foote Mineral Company. (See Chambers, Gordon H., assignor.)  
 Foothrap, Harry A., Harrisburg, Pa., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Crossfooting register for calculating machines. 2,032,691; Mar. 3.  
 Foothrap, Harry A., Harrisburg, Pa., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Register. 2,039,159; Apr. 28.  
 Foothrap, Harry A., Harrisburg, Pa., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Writing computing machine. 2,043,580; June 9.  
 Foothrap, Harry A., Harrisburg, Pa., assignor to Underwood Elliott Fisher Company, New York, N. Y. Collating means. 2,043,581; June 9.  
 Föppl, Otto, Brunswick, Germany. Key and key-joint. 2,041,123; May 19.  
 Forbes, Allan D., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,036,264; Apr. 7.  
 Forbes, Arthur L., Jr., and C. O. Byrne, El Paso, Tex. Separating tower. 2,054,124; Sept. 15.  
 Forbes, Henry C. (See Nichols, H. J., Forbes, Harmon, and Loftis.)  
 Forbes, Henry C., Anderson, Ind., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Coupling circuit. 2,036,865; Apr. 7.  
 Forbes, James B., Mount Vernon, assignor to Alco Products Incorporated, New York, N. Y. Heat exchanger. 2,041,328; May 19.  
 Forbes, John, Winnipeg, Manitoba, Canada. Gas mixer. 2,064,251; Dec. 15.  
 Forbes, John S., Pittsburgh, and H. H. Lamar, Wilkesburg, assignors to Kerotest Manufacturing Company, Pittsburgh, Pa. Valve. 2,061,028; Nov. 17.  
 Forbes, Lewis J.-B., St. Helens, England, assignor to The American Securit Company, Wilmington, Del. Apparatus for holding glass plate during tempering. 2,062,567; Dec. 1.  
 Forbes, William G., Albany, N. Y. Cigarette cut-off device. 2,062,990; Dec. 1.  
 Force, John W. (See Powell, C. E., Force, and Ofeldt.)  
 Forcey, George W. (See Abrams, A., Wagner, and Forcey.)  
 Ford Amusement Devices, Inc. (See Squire, Nathan E., assignor.)  
 Ford, Bacon & Davis, Inc., et al. (See Rhodes, George I., assignor.)  
 Ford, Benjamin F., assignor to The Dayton Rubber Mfg. Co., Dayton, Ohio. Apparatus for cleaning printing press rollers. 2,054,618; Sept. 15.  
 Ford, Elmer A., Wilkesburg, assignor of one-half to A. Martin, Pittsburgh, Pa. Game. 2,056,781; Oct. 6.  
 Ford, Eugene A., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Card analyzing machine. 2,027,033; Jan. 7.  
 Ford, Eugene A., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Record card controlled printer. 2,056,394; Oct. 6.  
 Ford, Ezra H., Syracuse, N. Y. Cooling apparatus. 2,047,465; July 14.  
 Ford, Frank R., Birmingham, England. Manifolding apparatus. 2,048,543; July 21.  
 Ford, George F., Beverly Hills, and W. F. Pittman, Huntington Park, assignors to Fibreboard Products, Inc., San Francisco, Calif. Machine for closing cartons. 2,064,200; Dec. 15.  
 Ford, George F., Beverly Hills, and W. F. Pittman, Huntington Park, assignors to Fibreboard Products, Inc., San Francisco, Calif. Method and apparatus for making containers. 2,065,441; Dec. 22.  
 Ford, George R., Jr., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Method and apparatus for case hardening glass sheets. 2,042,521; June 2.  
 Ford, George W., Kensington, London, England, assignor to Kinatome Patents Corporation, New York, N. Y. Holder for cinematograph films and the like. 2,048,691; July 28.  
 Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Clutch and brake controlling device. 2,057,774; Oct. 20.  
 Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Motor vehicle. 2,037,126; Apr. 14.  
 Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Fluid pump. 2,037,127; Apr. 14.  
 Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Motor vehicle brake. 2,051,484; Aug. 18.  
 Ford, Henry, assignor to Ford Motor Company, Detroit, Mich. Automobile chassis construction. 2,065,065; Dec. 22.  
 Ford Instrument Company. (See Colson, Eric G., assignor.)  
 Ford Instrument Company. (See Poitras, E. J., and Tear, assignors.)  
 Ford Instrument Company. (See Stuart, Lemuel M., assignor.)  
 Ford, James G. (See Donaldson, H. C., Jr., and Ford.)  
 Ford, James G., Forest Hills, Pa. Boric acid eyecup or the like. 2,051,941; Aug. 25.  
 Ford, Jerry N., Monterey Park, Calif. Bracket for a streamline traffic signal. 2,055,285; Sept. 22.  
 Ford, John B., Schenectady, N. Y., assignor to General Electric Company. Electrical contact. 2,032,926; Mar. 3.  
 Ford, John B., Schenectady, N. Y., assignor to General Electric Company. Temperature control device. 2,050,883; Aug. 11.  
 Ford, John L., assignor to The Ford Meter Box Company, Wabash, Ind. Meter insulation. 2,040,786; May 12.  
 Ford, Julius C., Memphis, Tenn. Automobile headlight. 2,043,289; June 9.  
 Ford, Leland K. (See Butterfield, Emory E., assignor.)  
 Ford Meter Box Company, The. (See Ford, John L., assignor.)  
 Ford Motor Company. (See Chubbuck, Horace A., assignor.)  
 Ford Motor Company. (See Ford, Henry, assignor.)  
 Ford Motor Company. (See Groven, Fredrick J., assignor.)  
 Ford Motor Company. (See Huff, Edward S., assignor.)  
 Ford Motor Company. (See McCarroll, R. H., and Venderholm, assignors.)  
 Ford Motor Company. (See Pioch, W. F., and Pascoe, assignors.)  
 Ford Motor Company. (See Sorensen, C. E., and Pioch, assignor.)  
 Ford Motor Company. (See Sorensen, C. E., and Sheldrick, assignors.)  
 Ford, Paul C. (See Robertson, Thomas J., assignor.)  
 Ford, Stanley G. (See Maurer, G., and Ford.)  
 Ford, Thomas C., assignor to American Asphalt Paint Co., Kankakee, Ill. Asphalt paint. 2,063,669; Dec. 8.  
 Ford, Thomas L., assignor to The Bartlett Hayward Company, Baltimore, Md. Carton. 2,054,596; Sept. 15.  
 Forde, Thomas H. (See Huppert, H. K., and Forde.)  
 Fordham, George, Powellton, W. Va. Industrial ambulance. 2,055,406; Sept. 22.  
 Fordyce, Charles R. (See Malm, C. J., and Fordyce.)  
 Fordyce, John R., Hot Springs, Ark. Revetment. 2,047,197; July 14.  
 Fordyce, Rufus G., Chicago, Ill., assignor to Radium Dial Company, New York, N. Y. Luminous dial. 2,061,097; Nov. 17.  
 Foregger, Richard V., Roslyn, N. Y. Anesthetic apparatus. 2,041,406; May 19.  
 Foreman, William B., Elizabeth City, N. C. Barrel making machine. 2,061,355; Nov. 17.  
 Foresman, Robert A. (See Mosshart, D. J., and Foresman.)  
 Foresman, Robert A., Prospect Park, Pa. Heat generator. 2,043,994; June 16.  
 Forest Wadding Company. (See Bangs, Ralph L., assignor.)  
 Forester, Jesse M., Pennington Gap, Va. Sandwich cutting machine. 2,062,170; Nov. 24.  
 Forged-Trak Co. (See Kuchar, Joseph, assignor.)  
 Forges et Ateliers de Constructions Electriques de Jeumont Société Anonyme. (See Leroy, Louis, assignor.)  
 Forget, Alphonse G., Cohoes, N. Y. Upholstery making machine and method. 2,033,887; Mar. 10.  
 Forging and Casting Corporation. (See Lumsden, Alexander, assignor.)  
 Forging & Casting Corporation, The. (See Moormann, Thomas A., assignor.)  
 Forgrove Machinery Company Limited, The. (See Grover, Frederick, assignor.)  
 Forhan, Richard J., New York, N. Y. Exercising apparatus. 2,027,273; Jan. 7.  
 Forman, John F., Westmount, Quebec, Canada. Furnace. 2,062,357; Dec. 1.  
 Forman, Paris R., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Valve. 2,028,387; Jan. 21.  
 Forman, Samuel G., Jr. (See Forman, Samuel G., Sr., and S. G., Jr.)  
 Forman, Samuel G., Sr., and S. G., Jr., Highstown, N. J. Bottle opening tool. 2,061,459; Nov. 17.  
 Formfit Company, The. (See Kunstadter, Sigmund, assignor.)  
 Formica Insulation Company, The. (See Cochrane, John D., Jr., assignor.)  
 Formica Insulation Company, The. (See Dreyer, John F., assignor.)  
 Formont, Charles L., Merchantville, N. J. Nozzle and mitre pipe cutting machine. 2,057,612; Oct. 13.  
 Formoso, Andrew, Washington, D. C. Souvenir or message box. 2,049,113; July 28.  
 Forndran, John E., Rock Springs, Wyo. Adjustable reamer for die stocks. 2,037,224; Apr. 14.  
 Fornelius, Axel F., and H. A. G., Clifton, N. J. Spring motor. 2,063,799; Dec. 8.  
 Fornelius, Henry A. G. (See Fornelius, Axel F., and H. A. G.)  
 Forrer, Joseph D., and L. R. Prough, assignors to Acme Industries, Inc., Jackson, Mich. Manufacture of heat exchange apparatus. 2,053,239; Sept. 1.  
 Forrer, Roy. (See Foerstner, F. W., and Forrer.)



- Forrest, Frank H., Springfield, Mo. Amusement device. 2,058,304; Oct. 20.
- Forrest, Henry O. (See Keith, P. C., Jr., Forrest, and Van Hora.)
- Forrest, Henry O., Andover, L. F. Marek, Cambridge, and A. White, Dorchester, Mass., assignors to Standard Oil Development Company. Obtaining valuable distillates from hydrocarbon oils by action of water under high pressure and temperature. 2,035,120; Mar. 24.
- Forrest, John W., Brighton, and G. Fassin, Irondequoit, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Color comparator. 2,054,195; Sept. 15.
- Forrest, Peter W., Shettleston, Glasgow, Scotland. Device for successively exhibiting spaced names, advertisements, and the like. 2,047,865; July 14.
- Forrest, Thomas W. W., Fresno, Calif., assignor to Sun-Maid Raisin Growers of California. Raisin treatment method and apparatus. 2,032,406; Mar. 3.
- Forrester, Glenn C., Niagara Falls, N. Y. Treating gaseous media. 2,049,608; Aug. 4.
- Forsberg, Albin L., assignor to Warfield Company, Chicago, Ill. Sifter top. 2,050,787; Aug. 11.
- Forsberg, Axel A., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,027,158; Jan. 7.
- Forsberg, Casper C. (See Forsberg, Frederick, R. A., and C. C.)
- Forsberg, Erik A., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,039,588; May 5.
- Forsberg, Erik A., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Pulsator for milking machines. 2,042,300; May 26.
- Forsberg, Erik A., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal machine. 2,043,350; June 9.
- Forsberg, Frederick, R. A., and C. C., Rural Municipality of Dauphin, Manitoba, Canada. Power take-off. 2,027,638; Jan. 14.
- Forsberg, Harold S., Stratford, Conn. Hand tool. 2,046,733; July 7.
- Forsberg, Peter W., Schenectady, N. Y., assignor to General Electric Company. Motor generator locomotive. 2,036,803; Apr. 7.
- Forsberg, Peter W., Paris, France, assignor to General Electric Company. High speed circuit breaker. 2,037,570; Apr. 14.
- Forsberg, Robert A. (See Forsberg, Frederick, R. A., and C. C.)
- Forschner, A. J., et al. (See Ulrich, Charles B., assignor.)
- Forse, Harry D., Anderson, Ind. Pressing machine. 2,053,366; Sept. 8.
- Forse, Harry D., Anderson, Ind. Press actuating mechanism. 2,062,745; Dec. 1.
- Forshee, Frank F., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Coffee maker. 2,050,303; Aug. 11.
- Forsling, Oscar E., Kimball, Nebr. Full view rifle front sight. 2,028,055; Jan. 14.
- Forsling, Oscar E., Kimball, Nebr. Front rifle sight. 2,058,305; Oct. 20.
- Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Field coil bobbin for electric drills. 2,055,861; Sept. 29.
- Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Cushioned handle for tools. 2,058,583; Oct. 27.
- Förster, Arthur, Gorlitz, Germany. Neck protector for use with hairdresser's wrappers or the like. 2,029,417; Feb. 4.
- Forster, H. J. (See Kivlin, Alfred P., assignor.)
- Forster, John S., Pittsburgh, Pa. Separable fastener. 2,044,161; June 16.
- Forster, John S., assignor of one-half to R. Schmidt, Pittsburgh, Pa. Dispensing container. 2,030,696; Feb. 11.
- Forster, Joseph, Vienna, Austria. High tension cable. 2,063,306; Dec. 8.
- Forster, Richard R., El Dorado, Ark. Deep well tool socket. 2,049,953; Aug. 4.
- Forster, Walter, St. Helens, England. Transference of glass bottles, jars, and the like to leers. 2,037,623; Apr. 14.
- Forster, William F., assignor to Atlas Brewing Company, Chicago, Ill. Carrying carton. 2,062,451; Dec. 1.
- Forsthoefel, Gregg F., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cabinet construction. 2,031,701; Feb. 25.
- Forsthoefel, Gregg F., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator cabinet. 2,035,226; Mar. 24.
- Forsthoefel, Gregg F., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Cabinet construction. 2,060,756; Nov. 10.
- Forstmann, Walther, Berlin-Schöneberg, assignor to Voigtlander & Sohn Aktiengesellschaft, Brunswick, Germany. Photographic film. 2,054,284; Sept. 15.
- Forstrom, Edward W., Stratford, Conn., assignor to General Electric Company. Driving mechanism for washing machines and the like. 2,064,653; Dec. 15.
- Forsyth, Dorothy E. (See Forsyth, William B., Jr., assignor.)
- Forsyth, Florans D., Athens, Ohio, and D. A. Nevin, Waynesboro, Pa. Massaging device. 2,028,865; Jan. 28.
- Forsyth, William B., Jr., Vanderbilt, Mich., assignor to D. E. Forsyth. Dishwashing machine. 2,062,704; Dec. 1.
- Forsythe, Clifton S., Brighton, N. Y. Apparatus for starting, stopping, and resetting an electrically driven clock. 2,034,613; Mar. 17.
- Forter, Samuel A., Bellvue, assignor to H. L. Dixon Company, Pittsburgh, Pa. Method of and apparatus for melting glass. 2,053,902; Sept. 8.
- Fortes, James A., St. Louis, Mo. Egg holder. 2,030,106; Feb. 11.
- Fortes, James A., St. Louis, Mo. Egg holder. 2,040,648; May 12.
- Fortes, James A., St. Louis, Mo. Egg holder. 2,040,649; May 12.
- Fort Howard Paper Company. (See Schwartz, Fred, assignor.)
- Fortier, Byron F., and F. A. Miller, Springfield, assignors to L. R. Hildreth, Columbus, Ohio. Bumper. 2,030,978; Feb. 18.
- Fortier, Carolus, Outremont, Quebec, Canada. Process of and apparatus for atomizing liquids. 2,040,302; May 12.
- Fortier, Francis R., Jeanerette, La., assignor of one-fifth to F. G. Campbell, Arlington County, Va. Clarifying sugar cane juices. 2,027,422; Jan. 14.
- Fortin, Paul R., Baldwin, assignor to Nu-Myst Co., New York, N. Y. Vaporizing device. 2,045,903; June 30.
- Fortinberry, Charles L., assignor to The Fortinberry Company, Inc., Washington, D. C. Locked license plate. 2,056,181; Oct. 6.
- Fortinberry Company, The. (See Fortinberry, Charles L., assignor.)
- Fortney, Brauddus B., Louisville, Ky. Incandescent lamp and projection device. 2,064,252; Dec. 15.
- Fortney, Brauddus B., Louisville, Ky. Nonglare headlight construction. 2,064,253; Dec. 15.
- Forton, Harold R., Detroit, Mich. Apparatus for spraying metals. 2,058,971; Oct. 27.
- Fort Orange Paper Company. (See Metzger, Henry L., assignor.)
- Fort Pitt Bedding Company. (See Stubnitz, Maurice, assignor.)
- Fort Pitt Malleable Iron Company. (See Holmes, Edward H., assignor.)
- Fortune, W. P., Inc. (See Fortune, William P., assignor.)
- Fortune, William P., assignor to W. P. Fortune, Inc., New York, N. Y. Scarf. 2,050,170; Aug. 4.
- Forward, Walter L., Oakland, assignor to Byron Jackson Co., Huntington Park, Calif. Drilled-well pump and Venturi meter. 2,042,933; June 2.
- Fosbinder, Russell J., Short Hills, assignor to The Maltbie Chemical Company, Newark, N. J. Medicament for the treatment of burns. 2,056,779; Oct. 6.
- Fosburg, Hildor A., Glen Ellyn, Ill. Metal processing apparatus. 2,053,279; Sept. 8.
- Fosdick, Ellery R., assignor of one-tenth to C. H. Crawford, Spokane, Wash. Conduit structure bend. 2,056,782; Oct. 6.
- Foss, Antonius, assignor to Norsk Hydro-Elektrisk Kvaelfstoftaktieselskab, Oslo, Norway. Production of ferrochromium free of carbon. 2,035,955; Mar. 31.
- Foss, Antonius, O. Jensen, and O. H. Lunde, assignors to Norsk Hydro-Elektrisk Kvaelfstoftaktieselskab, Oslo, Norway. Treatment of raw phosphates. 2,061,191; Nov. 17.
- Foss, Benjamin S., Brookline, Mass., assignor to B. F. Sturtevant Company, Inc., Boston, Mass. Heat exchange unit. 2,032,692; Mar. 3.
- Foss, Benjamin S., Brookline, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Heat exchanger. 2,057,299; Oct. 13.
- Foss, Clifton T., Stewart Manor, N. Y., assignor to Arma Engineering Co., Inc., Brooklyn, N. Y. Antifriction bearing. 2,061,999; Nov. 24.
- Foss, Fred G., Hillside, N. J., assignor to American Can Company, New York, N. Y. Apparatus for packing. 2,026,523; Jan. 7.
- Fossa, Joseph, Danvers, and H. D. Elliott, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for lacing shoe uppers. 2,056,961; Oct. 13.
- Fossa, Joseph, Danvers, and H. D. Elliott, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Lacing shoe uppers. 2,056,962; Oct. 13.
- Fossati, Francis N., Richmond, assignor to Standard Oil Company of California, San Francisco, Calif. Method and apparatus for determining the physical characteristics of metals. 2,041,058; May 19.
- Fosse, Nils O., Holla, Ulefoss, Norway. Ski. 2,065,179; Dec. 22.
- Foster, Benjamin, Philadelphia, Pa. Plastic composition. 2,054,285; Sept. 15.
- Foster, Boutwell H., Maplewood, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Traveler mechanism. 2,057,716; Oct. 20.
- Foster, Carroll C., Astoria, N. Y. Traffic signal indicating device. 2,054,974; Sept. 22.
- Foster, Dudley E., assignor to United States Radio & Television Corporation, Marion, Ind. Tone control system for electrical sound reproduction. 2,043,161; June 2.
- Foster, Edwin E., Austin, Tex. Ironing device. 2,027,274; Jan. 7.
- Foster, Edwin E., Austin, Tex. Mechanical movement. 2,027,275; Jan. 7.



- Foster, Everette M., assignor to The Turner Company, Cedar, Rapids, Iowa. Microphone plug. 2,062,125; Nov. 24.
- Foster, Floyd E. (See Kohlsaat, Carl, assignor.)
- Foster, Frank A., Maywood, assignor to The Goss Printing Press Company, Chicago, Ill. Plate cylinder for printing presses and stereotype plates. 2,047,364; July 14.
- Foster, Frank A., Maywood, assignor to The Goss Printing Press Company, Chicago, Ill. Stereotype plate. 2,052,758; Sept. 1.
- Foster, Franklin J. (See Ruskin, David, assignor.)
- Foster, Fred L., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Die and producing the same. 2,040,172; May 12.
- Foster, Harold B., Williamsville, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of phthalic anhydride in finely divided solid form. 2,064,468; Dec. 15.
- Foster, Harry C., Alton, Ill. Machine event timer. 2,043,162; June 2.
- Foster, Herbert V., Providence, assignor to Crompton & Knowles Jacquard & Supply Company, Pawtucket, R. I. Pattern card cylinder for Jacquard looms. 2,045,946; June 30.
- Foster, Howard M., St. Louis, Mo., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Latch. 2,045,846; June 30.
- Foster, James E., Omaha, Nebr. Fuel pump protector. 2,053,607; Sept. 8.
- Foster, James L., Wichita Falls, Tex. Rod line support. 2,060,188; Nov. 10.
- Foster, James M., Memphis, Tenn. Apparel belt. 2,048,498; July 21.
- Foster, Julius E. (See Mottlau, August J., assignor.)
- Foster, Leon V., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Telescope and prism therefor. 2,058,676; Oct. 27.
- Foster, Leon V., Irondequoit, and H. F. Kurtz, Rochester, N. Y., assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Substage lamp. 2,033,619; Mar. 10.
- Foster, Leslie P. (See Vobach, A. C., and Foster.)
- Foster, Levin W., Pittsfield, Mass., assignor to General Electric Company. High voltage electrical apparatus. 2,055,346; Sept. 22.
- Foster, Lillian H. (See Scott, W. I., and Foster.)
- Foster Machine Company. (See McKean, John O., assignor.)
- Foster, Nathaniel L. (See Sipe, Harry E., assignor.)
- Foster, Theodore W., & Bro. Co. (See Parkin, Winfred T., assignor.)
- Foster, Thomas J., Ridgewood, N. J. Manufacture of cementitious panels. 2,040,732; May 12.
- Foster, Tony E., assignor to Herff Jones Co., Indianapolis, Ind. Making a finger ring. 2,036,688; Apr. 7.
- Foster-Vernay Corporation. (See Vernet, Sergius, assignor.)
- Foster, Walter W., Wichita Falls, Tex. Pipe and casing spinning apparatus. 2,060,189; Nov. 10.
- Foster, Walter W., Wichita Falls, Tex. Friction control for pull lines. 2,062,705; Dec. 1.
- Foster, Warren D. (See Oswald, C. L., and Foster.)
- Foster, Warren D. (See Sweet, Frederick D., and Foster.)
- Foster, Warren D., Washington Township, Bergen County, N. J., assignor to Kinatome Patents Corporation, New York, N. Y. Film handling apparatus. 2,051,785; Aug. 18.
- Foster, Warren D., Washington Township, Bergen County, N. J., assignor to Kinatome Patents Corporation, New York, N. Y. Film handling apparatus. 2,051,786; Aug. 18.
- Foster, Warren D., Washington Township, Bergen County, assignor to Kinatome Patents Corporation, Ridgewood, N. J. Film handling apparatus. 2,051,787; Aug. 18.
- Foster, Warren D., Washington Township, Bergen County, N. J., and F. D. Sweet, New York, N. Y., assignors to Kinatome Patents Corporation. Film handling apparatus and control therefor. 2,051,036; Aug. 18.
- Foster, Warren D., Washington Township, Bergen County, N. J., and F. D. Sweet, New York, N. Y., assignors to Kinatome Patents Corporation, Ridgewood, N. J. Film handling apparatus. 2,051,788; Aug. 18.
- Foster, Warren D., Washington Township, Bergen County, N. J., and F. D. Sweet, New York, N. Y., assignors to Kinatome Patents Corporation, Ridgewood, N. J. Apparatus for guiding and handling strip material. 2,051,789; Aug. 18.
- Foster, Warren D., Washington Township, Bergen County, N. J., and F. D. Sweet, New York, N. Y., assignors to Kinatome Patents Corporation, Ridgewood, N. J. Apparatus for handling and guiding strip material. 2,051,790; Aug. 18.
- Foster, Warren D., Washington Township, Bergen County, N. J., and F. D. Sweet, New York, assignors, by direct and mesne assignments, to Kinatome Patents Corp., New York, N. Y. Film handling apparatus. 2,056,846; Oct. 6.
- Foster Wheeler Corporation. (See Biery, John E., assignor.)
- Foster Wheeler Corporation. (See Blizard, John, assignor.)
- Foster Wheeler Corporation. (See Dean, Dion K., assignor.)
- Foster Wheeler Corporation. (See Dean, D. K., and Sieder, assignors.)
- Foster Wheeler Corporation. (See Dodd, Gerald D., assignor.)
- Foster Wheeler Corporation. (See Frisch, Martin, assignor.)
- Foster Wheeler Corporation. (See Keenan, Walter F., Jr., assignor.)
- Foster Wheeler Corporation. (See Malseed, J. S., Welsh, and Keenan, assignors.)
- Foster Wheeler Corporation. (See Wallis, John S., assignor.)
- Foster, William D., Stewart Manor, assignor to Manifold Supplies Company, Brooklyn, N. Y. Article and process for multiplying records. 2,060,190; Nov. 10.
- Foster, William J., Flint, assignor to General Motors Corporation, Detroit, Mich. Windshield wiper arm. 2,060,983; Nov. 17.
- Fostoria Pressed Steel Corporation, The. (See Sorenson, N. A., and Walters, assignors.)
- Fotel, George Eugène, Waterville, Maine. Cow tail holder. 2,065,682; Dec. 29.
- Fothergill, Robert E., and J. F. Haskins, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of cellulose derivatives. 2,053,280; Sept. 8.
- Fotsch, William G. (See Cook, J. B., and Fotsch.)
- Fotsch, William G., assignor to Reliable Electric Co., Chicago, Ill. Wire clamp. 2,045,847; June 30.
- Fougner, Nicolay K., Furulund, near Oslo, Norway. Safety razor with continuous blade. 2,048,251; July 21.
- Foukal, Anthony, Cleveland, assignor to Truscon Steel Company, Youngstown, Ohio. Reel. 2,043,197; June 2.
- Fouke, George W. (See Boyer, C. F., and Fouke.)
- Foulds, Vena L., et al. (executrix). (See Saal, Henry G.)
- Foulke, Ted E., Nutley, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Self starting gaseous electric discharge device. 2,056,660; Oct. 6.
- Foulke, Ted E., Nutley, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Method of and apparatus for operating electric discharge lamps in series. 2,056,661; Oct. 6.
- Foulke, Ted E., Nutley, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Electric gaseous discharge device. 2,056,662; Oct. 6.
- Foulke, Ted E., Nutley, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Method of and apparatus for conditioning air. 2,056,663; Oct. 6.
- Foulke, Ted E., Nutley, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Producing electric gaseous discharge devices. 2,056,664; Oct. 6.
- Found, Clifton G., Schenectady, N. Y., assignor to General Electric Company. Electrical discharge device and operating same. 2,034,571; Mar. 17.
- Found, Clifton G., Schenectady, N. Y., assignor to General Electric Company. Electric lamp and producing light. 2,034,572; Mar. 17.
- Foundry Equipment Company, The. (See Pimsner, Carl J., assignor.)
- Foundry Equipment Company, The. (See Schreiber, Louis, assignor.)
- Fourneau, Ernest, assignor to Société des Usines Chimiques Rhone-Poulenc, Paris, France. Manufacture of bases derived from benz-dioxane. 2,056,046; Sept. 29.
- Fourness, Charles A., Appleton, and O. E. Hagen, Neenah, Wis., assignors to International Cellucotton Products Company, Chicago, Ill. Machine for making absorbent pads. 2,036,209; Apr. 7.
- Fourness, Charles A., Appleton, and J. T. Whelan, Menasha, Wis., assignors to International Cellucotton Products Company, Chicago, Ill. Making a tissue paper product. 2,043,351; June 9.
- Fourness, Charles A., Appleton, and C. J. Greiner, Menasha, Wis., assignors to International Cellucotton Products Company, Chicago, Ill. Apparatus for making cushion-edged sanitary napkins. 2,052,529; Aug. 25.
- Fourness Development Corporation. (See Fourness, W., and Burghard, assignors.)
- Fourness, Wilfred, Oakland, Calif., and E. G. Burghard, New York, N. Y., assignors, by mesne assignments, to Fourness Development Corporation, Ltd. Temperature control system for vehicles. 2,044,068; June 16.
- Four Wheel Drive Auto Company, The. (See Olen, Walter A., assignor.)
- Fouser, Fred A. (See De Markus, L., and Fouser.)
- Foust, Chester A., et al. (See O'Connor, Thomas E., assignor.)
- Fow, Ambrose F., assignor to Pennsylvania Globe Company, Philadelphia, Pa. Socket for cove silvay lamps. 2,037,653; Apr. 14.
- Fowle, Irving H., Dorchester, Mass., assignor, by mesne assignments, to William R. Warner & Co., Inc., New York, N. Y. Frozen confection package. 2,045,183; June 23.
- Fowler, Albert A., North Hollywood, and R. M. Otis, Pasadena, Calif. Refractory material and making the same. 2,038,034; Apr. 21.
- Fowler, Albert A., North Hollywood, and R. M. Otis, Pasadena, Calif. Washing compound. 2,059,449; Nov. 3.
- Fowler, Arno W., Highland, Ill. Clock. 2,044,286; June 16.
- Fowler, Francis E., Jr., St. Louis, Mo. Dispensing closure for bottles, receptacles, and the like. 2,048,649; July 21.
- Fowler, Fred D., Newton, assignor to Hood Rubber Company, Inc., Watertown, Mass. Apparatus for festooning sheet material. 2,035,227; Mar. 24.



- Fowler, Frederick A., Nevada City, Calif. Robot navigator. 2,058,306; Oct. 20.
- Fowler, Harold W. (See Mitchell, M. E., Mortensen, and Fowler.)
- Fowler, Harold W., Oakland, Calif. Faucet. 2,033,620; Mar. 10.
- Fowler, John T., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Reducing machine. 2,036,521; Apr. 7.
- Fowler, Lester T., Oaklyn, N. J., assignor to Radio Corporation of America. Radio receivers. 2,043,582; June 9.
- Fowler, Lewis M. (See Kittle, Harry E., assignor.)
- Fowler, Morris G., and L. M. Barker, Clarkdale, Ariz., assignors, by mesne assignments, to Phelps Dodge Corporation, New York, N. Y. Treatment of steel. 2,040,515; May 12.
- Fowler, Ora S., Denver, Colo. Mouth treating composition. 2,027,374; Jan. 14.
- Fowler, Theodore V., Jr., Pelham, assignor to General Chemical Company, New York, N. Y. Method and apparatus for roasting ores. 2,035,699; Mar. 31.
- Fowler, Theodore V., Jr., Pelham, A. M. Harkness, Nyack, N. Y., H. F. Merriam, West Orange, and B. M. Carter, Montclair, N. J., assignors to General Chemical Company, New York, N. Y. Converter. 2,046,816; July 7.
- Fox, Alexander P. (See Barks, F. S., and Fox.)
- Fox, Alexander P. (See Barks, F. S., Fox, and Linders.)
- Fox, Alexander P., University City, assignor to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,060,297; Nov. 10.
- Fox, Ansley H., Pleasantville, N. J., assignor to Inventions Holding Corporation. Ignition element for self-lighting cigarettes and the like. 2,040,733; May 12.
- Fox, Arthur L. (See Lubs, H. A., and Fox.)
- Fox, Charles A., assignor to James R. Kearney Corporation, St. Louis, Mo. Fuse switch. 2,047,365; July 14.
- Fox, Charles E., Bakersfield, Calif. Supercharging device for oil pumps. 2,029,473; Feb. 4.
- Fox, Charles H., Cincinnati, Ohio. Parallel series centrifugal fire pump. 2,037,775; Apr. 21.
- Fox, Charles H., assignor to The Ahrens-Fox Fire Engine Company, Cincinnati, Ohio. Fire engine. 2,037,774; Apr. 21.
- Fox, Clark A., Nashville, Tenn. Electric cooking utensil. 2,031,259; Feb. 18.
- Fox, Ernest C., Cleveland Heights, Ohio. Air register. 2,034,231; Mar. 17.
- Fox, Frederick L., Washington, D. C. Gas cooking stove. 2,035,060; Mar. 24.
- Fox, Frederick L., Washington, D. C., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Signal for dictating machines. 2,036,171; Mar. 31.
- Fox, Gordon, assignor to Freyn Engineering Company, Chicago, Ill. Valve seat for air blast valves. 2,042,301; May 26.
- Fox, Gordon, assignor to Freyn Engineering Company, Chicago, Ill. Tuyère. 2,056,264; Oct. 6.
- Fox, Gordon, assignor to Freyn Engineering Company, Chicago, Ill. Hot blast valve. 2,064,201; Dec. 15.
- Fox, John H. (See Gelstharp, F., and Fox.)
- Fox, John H., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Car window construction. 2,038,725; Apr. 28.
- Fox, John H., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for assembling insulating glass. 2,042,835; June 2.
- Fox, John H., Pittsburgh, and C. E. Stroud, Ford City, Pa., assignors to Pittsburgh Plate Glass Company. Double window construction. 2,054,856; Sept. 22.
- Fox, Joseph H., Long Island City, N. Y. Framing double face pocketbook mirrors. 2,062,646; Dec. 1.
- Fox, Martin, assignor to The Seng Company, Chicago, Ill. Convertible studio sofa and bed. 2,034,465; Mar. 17.
- Fox, Martin, assignor to The Seng Company, Chicago, Ill. Convertible sofa and bed. 2,038,832; Apr. 28.
- Fox, Robert A., assignor to The Lorain Telephone Company, Lorain, Ohio. Radio signaling system. 2,061,699; Nov. 24.
- Fox, Wilfred R., Flint, Mich. Automobile heater. 2,037,857; Apr. 21.
- Foxall, William H. (See Hill, H., and Foxall.)
- Fox-Strangways, Walter A. (See Hine, J. J., and Fox-Strangways.)
- Fracker, Henry E. (See Beckman, A. O., and Fracker.)
- Fradella, Louis, Brooklyn, N. Y. Window construction. 2,037,225; Apr. 14.
- Fradette, Donald F., Cleveland, Ohio. Shingle. 2,032,275; Feb. 25.
- Fragen, Nathan. (See Partridge, E. P., and Fragen.)
- Fragen, Nathan. (See Storch, H. H., and Fragen.)
- Fraher, Robert E., Chicago, J. M. Butler, Evanston, A. E. Hendricks, and C. E. L. Lipman, Chicago, assignors to Practical Instrument Company, Chicago, Ill. Recording instrument. 2,060,984; Nov. 17.
- Fraizer, Frank L. (See Scott, J. G., and Fraizer.)
- Fralich, John S. Y., Chicago, Ill., and S. G. Down, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Drain device for reservoirs. 2,035,061; Mar. 24.
- Frame, Edgar B. (See Murphy, T. W., and Frame.)
- France, Laurel E. (See Kenzie, P. A., Savage, and France.)
- Franch, Allen J., St. Paul, Minn. Antifriction bearing. 2,061,653; Nov. 24.
- Francia, Frank I., Chicago, Ill. Shoe rack. 2,053,554; Sept. 8.
- Francis, Alfred W. (See Davis, H. S., and Francis.)
- Francis, Alfred W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Hydration of olefines. 2,055,720; Sept. 29.
- Francis, Chas. E., Co. (See Francis, Harry G., assignor.)
- Francis, Charles C., New York, and E. J. Sears, Woodside, N. Y. Hydraulic brake system. 2,056,940; Oct. 13.
- Francis, Earle V., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling mechanism. 2,035,873; Mar. 31.
- Francis, Harry, Jr., Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Sealing means. 2,054,369; Sept. 15.
- Francis, Harry G., assignor to Chas. E. Francis Co., Rushville, Ind. Hydraulic press control. 2,058,377; Oct. 20.
- Francis, James H. E., London, England. Securing bushings to sheet metal drums, kegs, and like receptacles. 2,050,942; Aug. 11.
- Francis, Lynn M., assignor to Mechanical Handling Systems Incorporated, Detroit, Mich. Fifth wheel construction for detachable trailers. 2,041,124; May 19.
- Francis, Raymond S. (See Cobb, H. Z., and Francis.)
- Francis, Victor J., and J. W. Ryde, Middlesex, England, assignors to General Electric Company. Electric discharge device. 2,030,437; Feb. 11.
- Francis, Victor J., North Wembley, and J. W. Ryde, London, England, assignors to General Electric Company. Electric discharge device. 2,060,564; Nov. 10.
- Francisco Auto Heater Company. (See Acton, Frank, assignor.)
- Francisco Auto Heater Company. (See Francisco, C. M., and Roberts, assignors.)
- Francisco, Charles M., and C. P. Roberts, assignors to Francisco Auto Heater Company, Columbus, Ohio. Automobile heater. 2,062,509; Dec. 1.
- Francisco, Ferris Le Roy, New York, N. Y. Vehicle storage structure. 2,061,420; Nov. 17.
- Frank, Edwin G., assignor to Hutchins Car Roofing Company, Detroit, Mich. Car roof. 2,037,226; Apr. 14.
- Frank, Edwin G., assignor to Hutchins Car Roofing Company, Detroit, Mich. Car roof. 2,056,718; Oct. 6.
- Frank, Ernest W., Paterson, N. J. Sound reproducer. 2,027,727; Jan. 14.
- Franghai, Byron, Paris, France. Corrugating sheet material. 2,040,929; May 19.
- Frank, Benjamin M., New York, assignor to Greenpoint Metallic Bed Co., Inc., Brooklyn, N. Y. Bed structure and the like. 2,052,704; Sept. 1.
- Frank, Carl F. W., Cincinnati, Ohio. Machine for bending pipes and the like. 2,033,423; Mar. 10.
- Frank, Frederick C., assignor to Bendix Aviation Corporation, South Bend, Ind. Wheel. 2,038,211; Apr. 21.
- Frank, Frederick C., assignor to Bendix Aviation Corporation, South Bend, Ind. Wheel. 2,038,212; Apr. 21.
- Frank, Frederick C., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,038,213; Apr. 21.
- Frank, Frederick C., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,041,462; May 19.
- Frank, Frederick C., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,041,463; May 19.
- Frank, Frederick C., assignor to Bendix Brake Company, South Bend, Ind. Wheel. 2,048,442; July 21.
- Frank, Frederick C., assignor to Bendix Aviation Corporation, South Bend, Ind. Wheel. 2,048,443; July 21.
- Frank, Frederick C., assignor to Bendix Aviation Corporation, South Bend, Ind. Wheel. 2,051,838; Aug. 25.
- Frank, Harrison J. L. (See Frank, W. H., Messing, and Frank.)
- Frank, Harrison J. L., assignor to Bulldog Electric Products Company, Detroit, Mich. Switching device. 2,039,589; May 5.
- Frank, Harrison J. L., Highland Park, assignor to Bulldog Electric Products Company, Detroit, Mich. Bus duct. 2,043,796; June 9.
- Frank, Harrison, J. L., assignor to Bulldog Electric Products Company, Detroit, Mich. Switching device. 2,059,513; Nov. 3.
- Frank, Harrison J. L., and W. A. Harper, assignors to Bulldog Electric Products Company, Detroit, Mich. Electrical distribution system. 2,042,778; June 2.
- Frank, Harrison J. L., and W. A. Harper, Detroit, Mich. Trolley duct. 2,052,972; Sept. 1.
- Frank, Harrison J. L., and W. A. Harper, assignors to Bulldog Electric Products Company, Detroit, Mich. Electrical distribution system. 2,036,265; Apr. 7.
- Frank, Harrison J. L., J. A. Messing, and W. A. Harper, assignors to Bulldog Electric Products Company, Detroit, Mich. Operating mechanism for switches. 2,042,777; June 2.
- Frank, Harrison J. L., W. A. Harper, and J. A. Messing, Detroit, Mich. Electrical distribution system. 2,061,515; Nov. 17.
- Frank, Hugo, Hartford, Conn., assignor to The Silex Company. Coffee maker. 2,032,317; Feb. 25.
- Frank, Jonas, Baltimore, Md. No wrinkle hanger. 2,036,325; Apr. 7.
- Frank, Joseph, Brooklyn, N. Y., assignor to Gemloid Corporation, New York, N. Y. Decorative product and making the same. 2,031,474; Feb. 18.
- Frank, Karl. (See Dietz, Karl, and Frank.)



- Frank, Karl, and K. Dietz, Frankfort-on-the-Main, and F. Privinsky, Hofheim in Taunus, and E. Thiel, Frankfort-on-the-Main, Germany, assignors, by mesne assignments, to Pen-Chlor, Inc., Philadelphia, Pa. Acidproof self-hardening composition. 2,034,802; Mar. 24.
- Frank, Leo C., Irwin, and S. A. Bobe, McKeesport, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Emergency electric plant. 2,063,994; Dec. 15.
- Frank, Louis A., and W. F. Murphy, Albany, N. Y. Beer tap. 2,038,833; Apr. 28.
- Frank, Pardee H., assignor to The Timken Roller Bearing Company, Canton, Ohio. Rolling mill bearing. 2,064,741; Dec. 15.
- Frank, Raymond H. (See Gregg, A. W., and Frank.)
- Frank, Samuel K., et al. (See Ice, James N., assignor.)
- Frank, Wilbur M., assignor to William Frank Company, Chicago, Ill. Piston bugle. 2,059,450; Nov. 3.
- Frank, William, Company. (See Frank, Wilbur M., assignor.)
- Frank, William H., assignor to Bulldog Electric Products Company, Detroit, Mich. Accessory for switches. 2,035,648; Mar. 31.
- Frank, William H., assignor to Bulldog Electric Products Company, Detroit, Mich. Automatic reset circuit breaker. 2,036,266; Apr. 7.
- Frank, William H., assignor to Bulldog Electric Products Company, Detroit, Mich. Automatic reset circuit breaker. 2,053,247; Sept. 1.
- Frank, William H., assignor to Bulldog Electric Products Company, Detroit, Mich. Automatic reset circuit breaker. 2,053,248; Sept. 1.
- Frank, William H., assignor to Bulldog Electric Products Company, Detroit, Mich. Trolley duct. 2,057,891; Oct. 20.
- Frank, William H., Detroit, Mich. Electrical distribution system. 2,059,988; Nov. 3.
- Frank, William H., and J. W. Harper, assignors to Bulldog Electric Products Company, Detroit, Mich. Electrical distribution system. 2,041,675; May 19.
- Frank, William H. and J. W. Harper, Detroit, Mich. Electrical distribution system. 2,059,986; Nov. 3.
- Frank, William H. and J. W. Harper, Detroit, Mich. Electrical distribution system. 2,059,987; Nov. 3.
- Frank, William H., and J. Messing, assignors to Bulldog Electric Products Company, Detroit, Mich. Circuit breaker. 2,035,743; Mar. 31.
- Frank, William H. and J. Messing, assignors to Bulldog Electric Products Company, Detroit, Mich. Circuit breaker. 2,059,985; Nov. 3.
- Frank, William H., J. A. Messing and H. J. L. Frank, assignors to Bulldog Electric Products Company, Detroit, Mich. Panel board unit having renewable fuses. 2,051,166; Aug. 18.
- Frank, William H., J. A. Messing, and H. J. L. Frank, Detroit, Mich., assignors to Bulldog Electric Products Company, Detroit, Mich. Panel board. 2,059,989; Nov. 3.
- Franke, Alfred, Oberlind, Germany. Friction wheel spindle press for producing ceramic tiles. 2,036,129; Mar. 31.
- Franke, August J., Harrison, N. J., assignor to Radio Corporation of America. Miniature tube socket. 2,033,765; Mar. 10.
- Franke, Edward P., Baltimore, Md. Decorative cord. 2,058,783; Oct. 27.
- Franke, Paul, et al. (See Baumgärtner, Wilhelm, assignor.)
- Franke, Robert. (See Schmidt, M. P., and Franke.)
- Frankel, Fanny E., et al. (See Hoyer, Frederic J., assignor.)
- Frankenberg, Ludwig, et al. (See Kaufmann, Johanna, assignor.)
- Frankenburger, Walter, and G. Rössler, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of gelatin reliefs for printing. 2,061,230; Nov. 17.
- Frankenthaler, Adolph. (See Teller, W. R., Frankenthaler, and Todd.)
- Frankfort Distilleries, Incorporated. (See Miller, Samuel C., assignor.)
- Frankforter, Clarence J., Lincoln, Nebr., and D. B. Mapes, Wilmington, Calif., assignors to Frankforter Oil Process, Inc., Omaha, Nebr. Effecting chemical reactions. 2,037,712; Apr. 21.
- Frankforter Oil Process, Inc. (See Frankforter, C. J., and Mapes, assignors.)
- Frankignoul, Edgard, Brussels, assignor to Compagnie Internationale Des Pleux Armes Frankignoul, Société Anonyme, Liege, Belgium. Preparatory caisson. 2,048,252; July 21.
- Fränkl, Mathias, Augsburg, Germany, assignor to American Oxythermic Corporation, New York, N. Y. Process and apparatus for cooling gaseous mixtures. 2,030,509; Feb. 11.
- Fränkl, Mathias, Augsburg, Germany, assignor to American Oxythermic Corporation, New York, N. Y. Ore smelting and reduction process. 2,040,650; May 12.
- Fränkl, Mathias, Augsburg, Germany, assignor to American Oxythermic Corporation, New York, N. Y. Ore smelting and reduction process. 2,040,651; May 12.
- Frankland, Edwin, Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind. Vehicle brake mechanism. 2,045,593; June 30.
- Franklin, Albert W., New York, assignor of one-half to E. R. Berger, West Long Branch, N. J., and J. Poster, Brightwaters, N. Y., jointly. Radio tube socket. 2,063,731; Dec. 8.
- Franklin, Albert W., New York, N. Y., assignor of one-half to E. R. Berger, West Long Branch, N. J., and J. Poster, Brightwaters, N. Y. Switch construction. 2,064,157; Dec. 15.
- Franklin Baker Company. (See Casella, Secondo L., assignor.)
- Franklin Brass Mfg. Company. (See Sharpe, Louis, assignor.)
- Franklin, Charles L., Brooklyn, N. Y. Spare wheel mount. 2,063,598; Dec. 8.
- Franklin, Charles S. (See Witt, B. J., and Franklin.)
- Franklin, Charles S., London, England, assignor to Radio Corporation of America. Directional aerial. 2,053,658; Sept. 8.
- Franklin, Charles S., and B. J. Witt, London, England, assignors to Radio Corporation of America. Oscillation circuit. 2,028,596; Jan. 21.
- Franklin, Charles S., London, and E. Green, Chelmsford, Essex, England, assignors to Radio Corporation of America. High frequency fluid cooled thermionic valve system. 2,039,160; Apr. 28.
- Franklin, Edward, and T. Nelson, Frazee, Minn. Cream cooler. 2,029,021; Jan. 28.
- Franklin, Haddon A., Cordoba, Ala. Wave motor. 2,028,056; Jan. 14.
- Franklin, Henry J., Wareham, Mass. Berry picking machine. 2,037,624; Apr. 14.
- Franklin, Lewis M., New York, N. Y. Fire alarm. 2,034,179; Mar. 17.
- Franklin Oil Heating Inc. (See Gilmore, J. G., and Huston, assignors.)
- Franklin, Philip G., Liverpool, N. Y. Pressing machine. 2,053,950; Sept. 8.
- Franklin Process Company. (See Wood, John M., assignor.)
- Franklin Railway Supply Company. (See Roberts, Montague H., assignor.)
- Franklin Railway Supply Company. (See Zouck, George H., assignor.)
- Franklin, Ralph E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Piezo-electric crystal apparatus. 2,027,526; Jan. 14.
- Franklin, Ray W., Cedar Rapids, Iowa. Washing machine. 2,054,797; Sept. 22.
- Franklin Simon & Co. (See Hennessy, Mary C., assignor.)
- Franklin Steel Works. (See Jordan, Warren D., assignor.)
- Franklin, William S., assignor to John E. Fast & Company, Chicago, Ill. Sealed condenser and making same. 2,047,260; July 14.
- Franklyn, Francis A., and E. C. McGregor, London, England. Apparatus for marking metal tubes during manufacture. 2,034,614; Mar. 17.
- Franks, Ernest A., Whitchurch, Wales. Pump. 2,053,027; Sept. 1.
- Franks, Russell. (See Becket, F. M., and Franks.)
- Fransen, Frank J. (See Smith, R. D., and Fransen.)
- Frantz, Clarence G., Cleveland Heights, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Tub cover. 2,041,464; May 19.
- Frantz Manufacturing Co. (See Ferris, William D., assignor.)
- Frantz, Paul E., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Door check. 2,029,711; Feb. 4.
- Frantz, Paul E., Euclid, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Control means for motor operated apparatus. 2,038,076; Apr. 21.
- Frantz, Philip M., Pueblo, Colo., assignor to The Colorado Fuel and Iron Company, Denver, Colo. Coal flotation process. 2,028,742; Jan. 28.
- Frantz, Samuel G., Princeton, N. J. Magnetic separation method and means. 2,056,426; Oct. 6.
- Frantz, Samuel G., and J. Q. Stewart, Princeton, N. J., assignor to Radio Corporation of America, New York, N. Y. Radio relaying system. 2,042,302; May 26.
- Frantz, Walter A., Cleveland Heights, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Suction cleaner. 2,028,090; Jan. 14.
- Frantz, Walter A., Cleveland Heights, and J. J. McCabe, assignors to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Clothes washer mechanism. 2,046,258; June 30.
- Frantz, Walter A., Shaker Heights, and J. J. McCabe, assignors to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Laundry machine. 2,052,392; Aug. 25.
- Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for handling strands. 2,030,438; Feb. 11.
- Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for electrical uses. 2,045,985; June 30.
- Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for electrical uses. 2,055,175; Sept. 22.



- Franz, Leo, Wien, Austria, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Motor control system. 2,056,783; Oct. 6.
- Franzen, Hans. (See Schellmann, M., and Franzen.)
- Franzmeier, Alvin W., Rich Valley, Minn. Milk strainer. 2,060,392; Nov. 10.
- Frapido Spielwarenfabrik Alfred Kranz. (See Schwarzbach, Oscar, assignor.)
- Frary, Francis C., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Alumina production. 2,043,743; June 9.
- Frasch, Hans, New York, N. Y. Making sodium carbonate salts. 2,042,709; June 2.
- Frase, Ernest A., Barberton, Ohio. Window sash. 2,053,186; Sept. 1.
- Fraser, Alexander T., Seattle, Wash. Ladder for continuous chain-bucket elevator dredges. 2,066,104; Dec. 29.
- Fraser, Eugene B., et al. (See Chandler, Daniel L., assignor.)
- Fraser, Eugene B. (See Moore, Guy S., assignor.)
- Fraser, Eugene B., et al. (See Moore, Guy S., assignor.)
- Fraser Furnace Company. (See Fraser, Richard E., assignor.)
- Fraser, George H., Brooklyn, N. Y. Screen separator. 2,027,375; Jan. 14.
- Fraser, George H., Brooklyn, N. Y. Pulverizer and other devices. 2,040,841; May 19.
- Fraser, George H., Brooklyn, N. Y. Air and other separator. 2,055,484; Sept. 29.
- Fraser, George H., Brooklyn, N. Y. Separator. 2,055,485; Sept. 29.
- Fraser, Hugh, Burnside, Rutherglen, assignor to Inter-Counties Limited, Glasgow, Scotland. Brake for overhead suspended traveling cars. 2,035,700; Mar. 31.
- Fraser, Hugh, Burnside, Rutherglen, assignor to Inter-Counties Limited, Glasgow, Scotland. Overhead tracks for cars, aircraft, and the like. 2,055,971; Sept. 29.
- Fraser, Hugh J., and R. J. Owens, Huntington, W. Va., assignors to The International Nickel Company, Inc., New York, N. Y. Apparatus for bright annealing metallic products. 2,057,518; Oct. 13.
- Fraser, James W., Cleveland, Ohio. Asphaltic paving composition and making same. 2,036,130; Mar. 31.
- Fraser, Richard E., assignor to Fraser Furnace Company, Stockton, Calif. Gas heater. 2,055,926; Sept. 29.
- Fraser, Thomas M., Sheridan, Wyo. Front axle for vehicles. 2,061,231; Nov. 17.
- Fraser, William M., Bristow, Okla. Apparatus for distilling petroleum and the like. 2,038,103; Apr. 21.
- Frazer, Joseph C. W., Baltimore, Md. Oxidizing catalysts. 2,031,475; Feb. 18.
- Frazier, Gayle G. (administratrix). (See Schlossberg, J. B., and Frazier.)
- Frazier, James W., San Antonio, Tex. Dispensing device for a collapsible container. 2,030,579; Feb. 11.
- Frazier, John A., Dallas, Tex. Return speech control. 2,054,933; Sept. 22.
- Frazier, Lester E. (See Schlossberg, J. B., and Frazier.)
- Frear, Hugo P., New York, N. Y., assignor to Bethlehem Shipbuilding Corporation, Ltd. Ship construction. 2,029,712; Feb. 4.
- Frear, Hugo P., New York, N. Y., assignor to Bethlehem Shipbuilding Corporation, Ltd. Ship construction. 2,053,903; Sept. 8.
- Frear, Hugo P., New York, N. Y., assignor to Bethlehem Shipbuilding Corporation, Ltd. Ship construction. 2,053,904; Sept. 8.
- Frease, Hurxthal F., Canton, Ohio. Joist for joist and tile construction for floors and the like. 2,042,779; June 2.
- Frech, Theodore W., Shaker Heights, Ohio, assignor to General Electric Company. Electric projection lamp. 2,033,699; Mar. 10.
- Frech, Theodore W., Shaker Heights, Ohio, assignor to General Electric Company. Vapor electric discharge device. 2,056,665; Oct. 6.
- Freche, Hertha R. (See Nock, J. A., Jr., and Freche.)
- Freda, Vincent, Brookline, J. Staffier, Medford, and L. Sunderland, Brookline, assignors to Barron, Anderson Company, Boston, Mass. Garment pressing machine. 2,039,788; May 5.
- Fredberg, Carl. (See Fredberg, Hugo, and C.)
- Fredberg, Hugo and C. Fredberg, Chicago, Ill. Meat packing. 2,044,841; June 23.
- Frede, Charles F., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway vehicle structure. 2,065,573; Dec. 29.
- Frede, Charles F., and H. E. Thiele, St. Louis, Mo., assignors to General Steel Castings Corporation, Granite City, Ill. Railway hopper car. 2,032,204; Feb. 25.
- Frederick, Harry A. (See Smith, Charles A., assignor.)
- Frederick, Oscar C., Springfield, Pa., assignor to General Electric Company. Timing Apparatus 2,053,143; Sept. 1.
- Frederick Post Company, The. (See Hinman, Walker M., assignor.)
- Frederick, Rheuel H., Irvington, N. J. Centrifugal pump. 2,051,080; Aug. 18.
- Fredericks, George E., Somerton, Philadelphia, assignor to Leeds & Northrup Company, Philadelphia, Pa. Thermal conductivity cell. 2,045,640; June 30.
- Fredericksen, James P., Wollaston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for pressing the bottoms of shoes. 2,063,919; Dec. 15.
- Frederickson, Clayton E., Chicago, Ill. Motor vehicle. 2,032,657; Mar. 3.
- Frederickson, Clayton E., Chicago, Ill. Differential mechanism. 2,050,304; Aug. 11.
- Frediani, Dandolo, assignor to P. Menten and F. Menten, Sao Paulo, Brazil. Combined grinding and weighing machine. 2,059,514; Nov. 3.
- Fredrickson, Frank L. (See Moos, L. P., and Fredrickson.)
- Fredrickson, Edward A., assignor to Crane Company, Chicago, Ill. Vacuum breaker valve. 2,028,101; Jan. 14.
- Fredrickson, Edward A., and J. G. Cekal, assignors to Crane Co., Chicago, Ill. Flushing device. 2,033,064; Mar. 3.
- Fredrickson, Gustav, Forestville, Conn., assignor, by mesne assignment, to General Motors Corporation, Detroit, Mich. Heating and demagnetizing apparatus. 2,063,800; Dec. 8.
- Fredriksson, John F. (See Asbury, Thomas W., R. A., and Fredriksson.)
- Fredriksson, John F., Westwood, N. J., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Dry size. 2,050,996; Aug. 11.
- Free Sewing Machine Co. (See Southam, G. A., and Wainwright, assignors.)
- Freeberg, Ernest R., Moline, Ill., assignor to Eagle Signal Corporation. Signaling system and mechanism therefor. 2,057,186; Oct. 13.
- Freeborn, James E., assignor to Freeborn Power Converters Limited, London, England. Friction clutch. 2,039,590; May 5.
- Freeborn Power Converters Limited. (See Freeborn, James E., assignor.)
- Freed, Edgar S., Norfolk, Va., assignor to Compania Salitrera Anglo Chilena (Anglo Chilean Nitrate Corporation). Treatment of nitrate-bearing material. 2,040,548; May 12.
- Freed, Edward A., Moline, Ill. Fan. 2,050,523; Aug. 11.
- Freed, Joseph, San Francisco, Calif. Silencer for flush valves. 2,028,123; Jan. 14.
- Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Making a belt. 2,034,466; Mar. 17.
- Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Printer's plate. 2,047,624; July 14.
- Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. V-belt. 2,050,489; Aug. 11.
- Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt. 2,054,619; Sept. 15.
- Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Printing medium and method of manufacturing. 2,054,620; Sept. 15.
- Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Cog belt. 2,062,568; Dec. 1.
- Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Making driving belts. 2,065,180; Dec. 22.
- Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Printer's blanket. 2,065,442; Dec. 22.
- Freedman, Alan E., and A. Zimmermann, assignors to De Luxe Laboratories, Inc., New York, N. Y. Continuous film printing machine. 2,045,549; June 23.
- Freedman, Benjamin H., New York, N. Y. Facial tissue. 2,033,621; Mar. 10.
- Freedman, Harry A., New York, N. Y. Beach chair. 2,042,252; May 26.
- Freedman, Harry A., Brooklyn, N. Y. Beach chair. 2,059,940; Nov. 3.
- Freedman, Hyman, Brooklyn, N. Y. Backing for artificial teeth. 2,029,161; Jan. 28.
- Freedman, Louis, Schodack, Center, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Stable sodium formaldehyde sulphoxylate and preparing the same. 2,046,507; July 7.
- Freeland, Orville F., Muskegon, Mich., assignor to Anaconda Wire & Cable Company, New York, N. Y. Elongation testing machine. 2,033,622; Mar. 10.
- Freeland, Orville F., Muskegon, Mich., assignor to Anaconda Wire & Cable Company, New York, N. Y. Elongation testing machine. 2,033,623; Mar. 10.
- Freeland, Orville F., Muskegon, Mich., assignor to Anaconda Wire & Cable Company, New York, N. Y. Elongation testing machine. 2,033,624; Mar. 10.
- Freeland Spool and Bobbin Corporation. (See Schuster, Erving A., assignor.)
- Freeman, Arthur C., Norfolk, Va. Heating of radiators. 2,031,882; Feb. 25.
- Freeman, Benjamin W., Cincinnati, Ohio. Ornamenting machine. 2,035,956; Mar. 31.
- Freeman, Benjamin W., Cincinnati, Ohio. Cutting die. 2,052,759; Sept. 1.
- Freeman, Benjamin W., Cincinnati, Ohio, and J. Schneider, Latonia, Ky., assignors to The Louis G. Freeman Company, Cincinnati, Ohio. Ornamenting machine. 2,047,198; July 14.



- Freeman, David, Honolulu, Hawaii. Pneumatic tire. 2,042,522; June 2.
- Freeman, Ernest W., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 2,044,677; June 16.
- Freeman, George W., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-attaching machine. 2,059,331; Nov. 3.
- Freeman, Harold A., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Curing tires. 2,066,265; Dec. 29.
- Freeman, Horace, Shawinigan Falls, Quebec, Canada, assignor to Nichols Engineering & Research Corporation of Canada, Limited. Making iron oxide and sulphur dioxide from iron sulphide ores. 2,030,627; Feb. 11.
- Freeman, Horace, assignor to Nichols Engineering & Research Corporation of Canada, Limited, Montreal, Quebec, Canada. Flash roasting. 2,030,628; Feb. 11.
- Freeman, Horace, and L. Gagné, Three Rivers, Quebec, Canada, assignors to Consolidated Paper Corporation Limited, Montreal, Canada. Apparatus for splicing paper. 2,037,776; Apr. 21.
- Freeman, John R., Jr., Cheshire, and R. L. Hungerford, Waterbury, Conn. Producing a bronze finish on copper and copper alloys. 2,064,301; Dec. 15.
- Freeman, Louis G., Company, The. (See Freeman, B. W., and Schneider, assignors.)
- Freeman, Michael J., New York, N. Y. Nonrefillable bottle. 2,064,902; Dec. 22.
- Freeman, Roe S., assignor to E. B. Reed, Atlanta, Ga. Beverage. 2,056,065; Sept. 29.
- Freeman, Samuel, New York, N. Y. Tempering electric heater shells made of phenol-formaldehyde condensation product. 2,037,375; Apr. 14.
- Freeman, Samuel, New York, N. Y. Lipstick. 2,065,800; Dec. 29.
- Freeman, Samuel, assignor to W. Finkelstein, New York, N. Y. Hair curling device and curling the hair. 2,039,789; May 5.
- Freeman, Walter R., assignor to Wagner Electric Corporation, St. Louis, Mo. Brake control mechanism. 2,030,287; Feb. 11.
- Freeman, Walter R., assignor to Wagner Electric Corporation, St. Louis, Mo. Brake control mechanism. 2,030,288; Feb. 11.
- Freemon, John P., San Francisco, Calif. Combination cooker. 2,036,523; Apr. 7.
- Freer, Phelps M., Detroit, Mich. Piston. 2,037,227; Apr. 14.
- Frees, Willis S., Garrettsville, Ohio. Self-adjusting tree shield. 2,047,958; July 21.
- Freese, Clyde H., deceased, by R. R. Freese, executrix, Niskayuna, N. Y., assignor to General Electric Company. Control of plugging. 2,037,571; Apr. 14.
- Freese, Clyde H., deceased, by R. R. Freese, executrix, Niskayuna, N. Y., assignor to General Electric Company. Control system. 2,053,951; Sept. 8.
- Freese, Ruth R., executrix. (See Freese, Clyde H.)
- Freeze, Jonathan R., assignor to The American Rolling Mill Company, Middletown, Ohio. Corrugated metallic conduits and making them. 2,065,368; Dec. 22.
- Freeze, Jonathan R., and A. W. Spaulding, assignors to The American Rolling Mill Company, Middletown, Ohio. Tunnel liner. 2,062,706; Dec. 1.
- Freimann, Frank, assignor to Electro-Acoustic Products Company, Fort Wayne, Ind. Carrying case. 2,056,784; Oct. 6.
- Freimann, Frank, and J. L. Friesner, assignors to Electro-Acoustic Products Company, Fort Wayne, Ind. Sound reproducing apparatus. 2,056,921; Oct. 6.
- Freitag, Henry D. (See Cornell, E. S., Freitag, and Sporn.)
- Freitag, Knud J. W. (See Stirling, R. L., and Freitag.)
- Frelin, Fritjof, Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Cooling device for pistons. 2,048,002; July 21.
- Frelin, Fritjof, Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve mechanism. 2,052,874; Sept. 1.
- Frelin, Fritjof, Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Internal combustion engine. 2,054,621; Sept. 15.
- Frelin, Fritjof, Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve mechanism. 2,054,622; Sept. 15.
- French, Charles A., Riverside, Ill. Liquid fuel vaporizer and burner. 2,031,306; Feb. 18.
- French, Charles A., Riverside, Ill. Method and apparatus for burning oil. 2,039,790; May 5.
- French, Donald, Summit, N. J., assignor to Carrier Engineering Corporation, Newark, N. J. Cold diffusion apparatus. 2,059,686; Nov. 3.
- French, Edward R., assignor to M. J. Lukens, Philadelphia, Pa. Dispensing device. 2,065,181; Dec. 22.
- French, Gordon W. (See Sargent, T., and French.)
- French & Hecht, Incorporated. (See Hecht, Joseph L., assignor.)
- French, Howard E., Clinton, Conn. Device for melting sleet and ice on windshields. 2,059,224; Nov. 3.
- French, James A., Chicago, Ill. Pants hanger. 2,030,786; Feb. 11.
- French, John H., Jr., Athens, Ala. Clutch and brake operating mechanism. 2,037,321; Apr. 14.
- French, Laurence E., Sebastopol, Calif. Oil burner pumping unit. 2,039,309; May 5.
- French, Louis O., Milwaukee, Wis. Spray nozzle. 2,052,560; Sept. 1.
- French, Lucius L. (See Harvey, L. B., and French.)
- French, Morgan C., Brighton, Colo. Pneumatic tire alarm. 2,063,871; Dec. 8.
- French Oil Mill Machinery Co., The. (See Stacy, Thomas F., assignor.)
- French, Orville B. (See Conrad, F., Aalborg, and French.)
- French, Ralph W., Junction City, Kans. Tagging machine. 2,031,476; Feb. 18.
- French, Sidney J., Hamilton, N. Y. An educational device for teaching the atomic and molecular theory of chemical substances. 2,052,457; Aug. 25.
- French, Stanley F., Dobbs Ferry, N. Y., assignor to Anacanda Wire & Cable Company, New York, N. Y. Tensioning apparatus. 2,033,625; Mar. 10.
- French, Thomas E., Kingston, assignor to The Aluminium Plant & Vessel Company Limited, London, England. Method of and apparatus for removing gases from milk or cream or other liquids. 2,041,059; May 19.
- Frenkel, Gennady, Kingston-on-Thames, England. Mirror and display device. 2,064,060; Dec. 15.
- Frentzel, Herman C., Jr., assignor to The Hell Co., Milwaukee, Wis. Furnace. 2,037,070; Apr. 14.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Train lighting system. 2,028,734; Jan. 21.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Electric air cooling system for vehicles. 2,037,713; Apr. 21.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Air cooling system for vehicles. 2,039,240; Apr. 28.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Thermally controlled switch. 2,039,241; Apr. 28.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Thermally controlled switch mechanism. 2,044,678; June 16.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Connector for electric conductors. 2,044,679; June 16.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Terminal for edge wound resistors. 2,050,220; Aug. 4.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Terminal for edgewise wound resistors. 2,050,221; Aug. 4.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Reverse current relay lock-out. 2,053,218; Sept. 1.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Making edgewise wound resistance coils. 2,061,516; Nov. 17.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Speed control for electric motors. 2,064,302; Dec. 15.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Control system for electric motors. 2,064,303; Dec. 15.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Alternating current switch mechanism. 2,065,443; Dec. 22.
- Frese, William F., Bridgewater, Iowa. Harrow eveners. 2,060,668; Nov. 10.
- Freshwater, Frank H. (See Abkowitz, H. E., and Freshwater.)
- Freter, Roy J., and A. H. Gaess, Waterbury, assignors to The E. J. Manville Machine Company, Waterbury, Conn. Thread rolling machine. 2,065,066; Dec. 22.
- Fretter, Nathan F., Cleveland Heights, Ohio. Defrosting refrigerating units. 2,054,460; Sept. 15.
- Fretz-Moon Tube Company, The. (See Barton, J. J., and Clouse, assignors.)
- Freudenberg, Carl, G. m. b. H. (See Freudenberg, Richard and H., Runkel, and Lane, assignors.)
- Freudenberg, Hans. (See Freudenberg, Richard and H., Runkel, and Lange.)
- Freudenberg, Richard and H., R. Runkel, and G. Lange, Weinheim, assignors to Carl Freudenberg G. m. b. H., Weinheim (Badenia), Germany. Converting a fibrous material. 2,032,123; Feb. 25.
- Freudenberg, Heinrich. (See Orthner, L., and Freudenberg.)
- Freuder, Leo, Brooklyn, assignor to Vogel Freuder Corp., New York, N. Y. Printing apparatus. 2,049,495; Aug. 4.
- Freund, Erich, Chicago, Ill. Producing metallic coatings on a cellulose ester base. 2,063,034; Dec. 8.
- Freund, Helmut H. (See Stephens, Y. J., and Freund.)
- Freund, Herman R., assignor to Intertype Corporation, Brooklyn, N. Y. Casting means for line casting machines. 2,036,267; Apr. 7.
- Freund, Herman R., assignor to Intertype Corporation, Brooklyn, N. Y. Slug casting machine. 2,053,240; Sept. 1.
- Freund, Herman R., assignor to Intertype Corporation, Brooklyn, N. Y. Metal pot for line casting machines. 2,058,378; Oct. 20.
- Freund, Herman R., Brooklyn, and R. H. Turner, Little Neck, assignors to Intertype Corporation, Brooklyn, N. Y. Line casting machine. 2,050,222; Aug. 4.



- Freund, Hugo A., et al. (See Nichols, Horace E., assignor.)
- Freund, Morris, Cleveland, Ohio. Wire spring for cushioned seats. 2,047,411; July 14.
- Freund, Willy, Ghemnitz, Germany. Spinning and doubling machine. 2,041,918; May 26.
- Frey, Albert A., and S. L. Burgwin, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat treating steel. 2,050,305; Aug. 11.
- Frey, Carl. (See Gams, A., and Frey.)
- Frey, Charles N. (See Gore, H. C., Landis, and Frey.)
- Frey, Charles N. (See Kirby, G. W., and Frey.)
- Frey, Charles N. (See Schultz, A., and Frey.)
- Frey, Charles N. (See Schultz, A. S., Kirby and Frey.)
- Frey, Frederick E. (See Guyer, J. A., Frey, and Huppke.)
- Frey, Frederick E., assignor to Phillips Petroleum Company, Bartlesville, Okla. Converting hydrocarbons. 2,038,834; Apr. 28.
- Frey, Frederick E., W. F. Huppke, and J. A. Guyer, Bartlesville, assignors to Phillips Petroleum Company, Bartlesville, Okla. Converting hydrocarbon fluids into fuel gas. 2,029,657; Feb. 4.
- Frey, Howard A., assignor to Locke Insulator Corporation, Baltimore, Md. Fused grading shield. 2,027,301; Jan. 7.
- Frey, John E. (See Sherman, J. Q., Metzner, and Frey.)
- Frey, John N., Union, N. J., assignor to The United States Printing & Lithograph Company, New York, N. Y. Oscillatory magnetic motor. 2,051,992; Aug. 25.
- Frey, Karl. (See Gams, A., Widmer, and Frey.)
- Frey, Kurt, Oranienburg, near Berlin, assignor to Degea Aktiengesellschaft (Auergesellschaft), Berlin, Germany. Silencer for internal combustion engines. 2,031,702; Feb. 25.
- Frey, Laurel C., administrator. (See Dankhoff, William, assignor.)
- Frey, Ralph W., Mt. Rainier, Md., and W. C. Smith, Clarendon, Va., assignors to H. A. Wallace, Secretary of Agriculture of the United States of America. Refining of natural oleoresin. 2,039,481; May 5.
- Freydberg Bros. Inc. (See Lasztochy, Stephen, assignor.)
- Freydberg Bros. Inc. (See Strauss, Nathan J., assignor.)
- Freydberg, Ralph M., assignor to Materials Protector Corporation, New York, N. Y. Protective coating composition and preparing the same. 2,052,393; Aug. 25.
- Freydberg, Ralph M., New York, assignor to Acme Backing Corporation, Brooklyn, N. Y. Thermoplastic adhesive and medium for making laminated fabrics. 2,053,773; Sept. 8.
- Freyer, John C., Los Angeles, Calif. Letter scale. 2,060,064; Nov. 10.
- Freyermuth, George H. (See Hanks, W. V., Freyer-muth, and Potts.)
- Frey Engineering Company. (See Bigelow, Charles G., assignor.)
- Frey Engineering Company. (See Ebner, Alfred J., assignor.)
- Frey Engineering Company. (See Ebner, A. J., and Rice, assignors.)
- Frey Engineering Company. (See Fox, Gordon, assignor.)
- Frey Engineering Company. (See Rice, Owen R., assignor.)
- Frey Engineering Company. (See Westcott, E. J., and Ruemmele, assignors.)
- Frey Engineering Company. (See Whitcomb, A. J., and Bigelow, assignors.)
- Freysinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Swivel. 2,044,425; June 16.
- Freysinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Buckle for apparel. 2,046,734; July 7.
- Freysinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Buckle for belts and the like. 2,059,515; Nov. 3.
- Freysinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Buckle. 2,059,516; Nov. 3.
- Freysinger, Paul, and F. L. Nesmith, Lemoyne, Pa. Safety switch. 2,061,460; Nov. 17.
- Freyssinet, Eugène, Neuilly-sur-Seine, France. Method and apparatus for the manufacture of hollow bodies of reinforced concrete. 2,048,253; July 21.
- Freyssinet, Eugène, Neuilly-sur-Seine, and Jean Sèailles, Paris, France; Said Sèailles, assignor to said Freyssinet. Manufacture of molded pieces or bodies from mortars or concrete. 2,052,818; Sept. 1.
- Frezel, Harry. (See Wagenfeld, Harry, assignor.)
- Friberg, Bengt F., assignor to Laclede Steel Company, St. Louis, Mo. Highway guardrail. 2,038,351; Apr. 21.
- Friberg, Hjalmar. (See Pielh, S. O., and Friberg.)
- Friberg, Hugo B. (See Flygare, C. G., and Friberg.)
- Frick, Chester A., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Bottle dispensing machine. 2,049,383; July 28.
- Frick Company. (See Buehler, Leon, Jr., assignor.)
- Frick Company. (See Gilmore, Benjamin V., assignor.)
- Frick Company. (See Kitzmiller, William R., assignor.)
- Frick Company. (See Small, N. M., and Shenton, assignors.)
- Frick, Friedrich. (See Ott, K., Bernard, and Frick.)
- Frick, William H., Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Top and flue for ranges. 2,045,075; June 23.
- Frickey, Carl J., New York, assignor of thirty per cent to G. H. Callaghan, New York, N. Y., and ten per cent to D. P. Moore, Avon Park, Fla. Heel and hose protector. 2,039,954; May 5.
- Frickey, Royal E., assignor to Welding Service, Inc., San Francisco, Calif. Temperature measuring apparatus. 2,032,407; Mar. 3.
- Frickey, Royal E., assignor to Welding Service, Inc., San Francisco, Calif. Rail heating method. 2,060,985; Nov. 17.
- Frickey, Royal E., San Francisco, and A. S. Kalenborn, Redwood City, Calif., assignors to Welding Service, Inc., San Francisco, Calif. Rail heating apparatus. 2,062,569; Dec. 1.
- Friden, Carl M. F., Piedmont, assignor to Marchant Calculating Machine Company, Emeryville, Calif. Calculating machine. 2,028,540; Jan. 21.
- Friden, Carl M. F., Oakland, assignor to Marchant Calculating Machine Company, Emeryville, Calif. Calculating machine. 2,044,977; June 23.
- Fridén, John H., Maplewood, assignor to The Sun Tube Corporation, Hillside, N. J. Collapsible tube. 2,042,836; June 2.
- Fridén, John H., East Orange, assignor to The Sun Tube Corporation, Hillside, N. J. Trimmer. 2,047,021; July 7.
- Fridén, John H., East Orange, assignor to The Sun Tube Corporation, Hillside, N. J. Trimming machine. 2,050,051; Aug. 4.
- Fridolph, Maude C., Los Angeles, Calif. Garment. 2,026,524; Jan. 7.
- Fried, Fritz. (See Wilke, E., and Fried.)
- Fried, Jerome A., assignor to Allen Wales Adding Machine Corporation, Ithaca, N. Y. Printing mechanism. 2,058,859; Oct. 27.
- Friedberg, Leo, New Brunswick, N. J. Flashing. 2,041,329; May 19.
- Friedel, Peter C. and H. J. Kobe, Bryan, Ohio. Burial vault. 2,059,941; Nov. 3.
- Friedenberg, Stanley, New York, N. Y. Shoe protecting device. 2,032,052; Feb. 25.
- Friedholdt, Edwin W., Jr., Chicago, Ill. Window ventilator. 2,063,546; Dec. 8.
- Friedland, Max, New York, N. Y. Reflex shutter. 2,029,418; Feb. 4.
- Friedländer, Albert, Gerardmer, France. Telephonic signaling device. 2,038,427; Apr. 21.
- Friedländer, Erich. (See Wiskott, W., and Friedländer.)
- Friedlein, Elbert L., Baltimore, Md., assignor of one-third to J. C. Blair, New York, and G. Crompton, Jr., Flushing, N. Y. Transmission. 2,059,517; Nov. 3.
- Friedler, Max H., Lewiston, Maine. Hat protector. 2,042,889; June 2.
- Friedman, Abraham I. (See Gianninoto, F. A., and Friedman.)
- Friedman, Adolph. (See Greer, H. C., Cappel, Shoemaker, Nyberg, Friedman, and Rose.)
- Friedman, Bernard, New York, N. Y. Dispensing and measuring container. 2,047,261; July 14.
- Friedman, Fred H., Chosen, Fla. Plant spraying implement. 2,048,063; July 21.
- Friedman, Isadore. (See Brussell, Jacob, assignor.)
- Friedman, Isadore, Boston, Mass. Glass-steel building construction. 2,059,332; Nov. 3.
- Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Method and apparatus for making headed blanks and resultant article. 2,030,290; Feb. 11.
- Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Blank rotating mechanism. 2,052,760; Sept. 1.
- Friedman, Joseph B., San Francisco, Calif. Folding screen. 2,055,862; Sept. 29.
- Friedman, Joseph S., Newark, N. J., assignor to Omnicrome Corporation, New York, N. Y. Obtaining color separation. 2,047,022; July 7.
- Friedman, Julius H. (See Singer, S., Silverman, Friedman, and Bercovitz.)
- Friedman, Julius H. (See Singer, S., Silverman, and Friedman.)
- Friedman, Lester M. (See Lavender, John J., assignor.)
- Friedman, Milton. (See Sommers, J. A., and Friedman.)
- Friedman, Philip, New York, N. Y. Garment hanger. 2,054,654; Sept. 15.
- Friedman, Rebecca, Cleveland, Ohio. Scalp protector. 2,055,008; Sept. 22.
- Friedman, Samuel I. S., and O. I. Bloom, New York, N. Y. Composing and reproducing device. 2,042,041; May 26.
- Friedman, Samuel M., Brooklyn, N. Y. Trousers suspenders. 2,063,089; Dec. 8.
- Friedman, Sidney C. (See Mazer, M. K., and Friedman.)
- Friedman, William F., Washington, D. C., and G. A. Graham, Fort Monmouth, N. J. Cryptographic system. 2,028,772; Jan. 28.
- Friedmann, Albert, Wyomissing, Pa., assignor to Louis Hirsch Textile Machines, Inc., New York, N. Y. Knitting machine. 2,030,697; Feb. 11.
- Friedmann, Albert, Wyomissing, Pa., assignor to Louis Hirsch Textile Machines, Inc., New York, N. Y. Knitted fabric and making the same. 2,057,375; Oct. 13.
- Friedmann, Alex., Firm. (See Friedmann, L., Deutsch, Jomek, Nemetz, and Ertzelt, assignors.)



- Friedmann, Louis, H. Deutsch, P. Jomek, G. Nemetz, and H. Ritzelt, assignors to the firm Alex. Friedmann, Vienna, Austria. Safety device for fluid brakes. 2,054,900; Sept. 22.
- Friedrich, Ed., Inc. (See Friedrich, George E., assignor.)
- Friedrich, George E., assignor to Ed. Friedrich, Inc., San Antonio, Tex. Disappearing drop door for refrigerator display cabinets, bins, etc. 2,038,035; Apr. 21.
- Friedrich, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Power supply circuit. 2,048,739; July 28.
- Friedrich, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Gain control circuits. 2,058,972; Oct. 27.
- Friedrich, Martin E. (See Dahlen, M. A., and Friedrich.)
- Friedrich, Martin E. P. (See Dahlen, M. A., Clarkson, and Friedrich.)
- Friedrich, Martin E. (See Hitch, E. F., Dahlen, and Friedrich.)
- Friedrich, Paul, Cologne, Germany, assignor to Trustkantoor Amstelland N. V., Amsterdam, Netherlands. Coating compositions and their production. 2,027,686; Jan. 14.
- Friedrich, Paul, Berlin, Germany. Button fastening device. 2,061,421; Nov. 17.
- Friedrichs, Arthur C., New York, N. Y. Easel. 2,032,872; Mar. 3.
- Friedrichs, George A., Erie, Pa. Candle holder. 2,057,943; Oct. 20.
- Friel, James A., North Arlington, N. J. Self-ventilating toilet. 2,058,436; Oct. 27.
- Frielinghaus, Louis, assignor to Schloemann Aktiengesellschaft, Dusseldorf, Germany. Shears for trimming sheet metal. 2,032,276; Feb. 25.
- Frielinghaus, Louis, assignor to Schloemann Aktiengesellschaft, Dusseldorf, Germany. Sheet transfer mechanism for rolling mills. 2,050,306; Aug. 11.
- Friend, Lester R., Fort Wayne, Ind. Storage battery terminal. 2,041,824; May 26.
- Friend, Otto A. (See Bascom, H. M., and Friend.)
- Friend, Richard N., Sioux City, Iowa. Closure fastener for emergency doors. 2,064,202; Dec. 15.
- Friend, Robert, Melrose, Mass. Apparatus for canning edible materials. 2,049,538; Aug. 4.
- Friermood, Charles L., assignor to C. K. Hullinger, receiver for the Ridgley Trimmer Company, Springfield, Ohio. Paper trimmer. 2,029,916; Feb. 4.
- Friermood, Charles L., assignor to C. K. Hillinger, receiver, The Ridgley Trimmer Company, Springfield, Ohio. Agitating apparatus. 2,060,932; Nov. 17.
- Fries, Daniel, Sr. (See Fries, Daniel G. and D., Sr.)
- Fries, Daniel G. and D., Sr., assignors to The Fries & Son Steel Construction and Engineering Company, Covington, Ky. Detention closure. 2,032,693; Mar. 3.
- Fries, Franz, Essen-Bredeney, Germany. Sewage sludge digesters. 2,057,567; Oct. 13.
- Fries, Peter P. (See Loewe, S., and Fries.)
- Fries & Son Steel Construction and Engineering Company, The. (See Fries, Daniel G. and D., Sr., assignors.)
- Friesel, Adolph J., and C. Hofmann, Chicago, Ill. Bread slicing machine. 2,036,403; Apr. 7.
- Frieser, Helmut, Berlin-Pichelsdorf, and E. Gretener, Berlin-Siemensstadt, Germany, assignors to Opticolor, Aktiengesellschaft, Glarus, Switzerland. Lenticulated film for processes in color-cinematography. 2,049,697; Aug. 4.
- Friesner, John L. (See Freimann, F., and Friesner.)
- Friess, Gustave A., Rye, assignor to News Syndicate Co. Inc., New York, N. Y. Method of and mechanism for trimming the doctor blade of a printing press. 2,039,161; Apr. 28.
- Friess, Gustave A., Rye, assignor to News Syndicate Co. Inc., New York, N. Y. Registering device and method for use in multicolor printing. 2,046,508; July 7.
- Friess, Gustave A., Rye, assignor to News Syndicate Co. Inc., New York, N. Y. Apparatus for washing the doctor blades of printing presses. 2,061,730; Nov. 24.
- Friess, Horst, Leipzig, Germany. Bronzing machine. 2,065,306; Dec. 22.
- Friestedt, Arthur A., McHenry, Ill. Steering controller. 2,060,804; Nov. 17.
- Friestedt, Arthur A., McHenry, Ill. Steering controller. 2,063,920; Dec. 15.
- Friestedt, Arthur A., McHenry, Ill. Steering controller. 2,064,600; Dec. 15.
- Friez, Julien P., & Sons, Inc. (See Chappell, R. R., and Streb, assignors.)
- Fris, Harald T., Rumson, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio system. 2,041,600; May 19.
- Frimand, Peter A., Wilmette, Ill. Breast pump device. 2,060,063; Nov. 10.
- Frisch, Erling, Pittsburgh, and W. Schaelchlin, Wilkesburg, Pa., and J. H. Ashbaugh, Springfield, Mass., assignors to Westinghouse Electric and Manufacturing Company. Ship stabilizing control system. 2,046,735; July 7.
- Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Pulverization. 2,029,917; Feb. 4.
- Frisch, Martin, Bronx, assignor to Foster Wheeler Corporation, New York, N. Y. Distributing mechanism. 2,040,930; May 19.
- Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Ball mill pulverizer. 2,041,287; May 19.
- Frisch, Martin, Bronx, assignor to Foster Wheeler Corporation, New York, N. Y. Burner. 2,041,535; May 19.
- Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Pulverizer. 2,042,042; May 26.
- Frischknecht, Ernest, Long Island City, N. Y., and J. Aeggeli, Neuchâtel, Switzerland, assignors, by mesne assignments, to The Teleregister Corporation, New York, N. Y. Electrical indicating apparatus. 2,052,539; Aug. 25.
- Frisk, John A., Chicago, Ill. Whistle. 2,052,926; Sept. 1.
- Frissel, Frank H., Middletown, Conn. Colostomy pad. 2,043,097; June 2.
- Fritsch, Eugen. (See Wille, K., and Fritsch.)
- Fritsch, Lewis A., Cincinnati, Ohio. Rupture relief belt. 2,042,593; June 2.
- Fritsche, John, Philadelphia, Pa. Electric broiler and cooker. 2,055,972; Sept. 29.
- Fritsche, Richard C. (See Wells, H., and Fritsche.)
- Fritsche, Rudolf, New York, N. Y. Lithographic plate graining machine. 2,038,352; Apr. 21.
- Fritts, Kenneth M., Erie, Pa. Separable fastener. 2,048,544; July 21.
- Fritz, Adam, Philadelphia, Pa. Christmas tree stand. 2,058,677; Oct. 27.
- Fritz, Adolph H. (See Pardon, E. J., and Fritz.)
- Fritz, Earl A., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electron tube. 2,051,081; Aug. 18.
- Fritz, Herman W., Jr. (See Kuehn, Leo H., and Fritz.)
- Fritz, Jacob S., Zanesville, Ohio. Pocket ball game. 2,042,984; June 2.
- Fritzberg, Lawrence H., Hyde Park, assignor to B. F. Sturtevant Company, Inc., Boston, Mass. Heat exchange apparatus. 2,055,838; Sept. 29.
- Fritze, Otto. (See Rüttenauer, A., and Fritze.)
- Fritze, Otto, Berlin, and A. Rüttenauer, Berlin-Halensee, Germany, assignors to General Electric Company. Manufacture of fabricated glass articles. 2,030,439; Feb. 11.
- Fritze, Otto, Berlin, and A. Rüttenauer, Berlin-Halensee, Germany, assignors to General Electric Company. Manufacture of fabricated glass articles. 2,030,440; Feb. 11.
- Fritzsche, Hermann, Buggingen, Baden, Germany. Electric switch for alarm clocks. 2,028,973; Jan. 28.
- Fritzsche, Paul. (See Streitwolf, K., Fehrle, Fritzsche, and Hermann.)
- Fritzsching, Erwin, assignor to Rare Chemicals, Inc., Nepera Park, N. Y. Hemoglobinometer. 2,058,073; Oct. 20.
- Frizzell, Ronald J. (See Nelson, A. C., and Frizzell.)
- Froehlich, Charles W., Hayward, Calif. Grading machine. 2,038,652; Apr. 28.
- Froehlich, Charles W., Hayward, Calif. Fruit halving and pitting machine. 2,057,300; Oct. 13.
- Froelich, George E., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Sheet supporting means. 2,058,074; Oct. 20.
- Froelich, Gustave H., assignor to The Turner and Seymour Manufacturing Company, Torrington, Conn. Jar top wrench. 2,052,458; Aug. 25.
- Froehlich, William, Baltimore, Md. Container. 2,054,157; Sept. 15.
- Fröhlich, Adolph. (See Herbert, L., and Fröhlich.)
- Fröhlich, Alfred, Dessau, in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Flashlight device. 2,034,029; Mar. 17.
- Fröhlich, Irving, Brooklyn, N. Y., assignor to Assael & Arbib, Incorporated, New York, N. Y. Forming decorative leather surface and product made thereby. 2,033,066; Mar. 3.
- Fröhlich, Irving, Brooklyn, assignor to Assael & Arbib, Incorporated, New York, N. Y. Decorative stripping. 2,036,963; Apr. 7.
- Fröhlich, Jaroslaw. (See Kampli, E., Fröhlich, and Stöcklin.)
- Fröhmer, Claus. (See Hauffe, F., and Fröhmer.)
- Frohring, William D., Shaker Heights, assignor to S. M. A. Corporation, Cleveland, Ohio. Hypo-allergic milk. 2,036,404; Apr. 7.
- Frohring, William O. (See Barnett, H. M., Frohring, and Germann.)
- Frohwerk, Eduard, Kansas City, Kans. Automatic tire inflater. 2,044,287; June 16.
- Frolch, Per K. (See Wiezevich, P. J., and Frolch.)
- Frolch, Per K., Roselle, N. J., assignor to Standard Oil Development Company. Rubber composition containing petroleum resins. 2,031,944; Feb. 25.
- Frolch, Per K., Elizabeth, N. J., assignor to Standard Oil Development Company. Mercaptan conversion. 2,035,121; Mar. 24.
- Frolch, Per K., Elizabeth, N. J., assignor to Standard Oil Development Company. Treating and impregnation of wood. 2,052,172; Aug. 25.
- Frolch, Per K., Roselle, N. J., assignor to Standard Oil Development Company. Carbon black manufacture. 2,062,358; Dec. 1.
- Frolch, Per K., and P. J. Wiezevich, Elizabeth, N. J., assignors to Standard Oil Development Company. Production of aldehydes. 2,042,303; May 26.
- Frolch, Per K., and P. J. Wiezevich, Elizabeth, N. J., assignors to Standard Oil Development Company. Mercaptan conversion. 2,045,766; June 30.



- Frolich, Per K., C. Winning, and S. C. Fulton, Elizabeth, N. J., assignors to Standard Oil Development Company. Paint containing cracked tar resin. 2,052,173; Aug. 25.
- Frolich, Per K., Roselle, and P. J. Wiezevich, Elizabeth, N. J., assignors to Standard Oil Development Company. Impregnated fibrous material. 2,061,570; Nov. 24.
- Fromaget, Pierre M., Toulon, France. Band brake. 2,041,536; May 19.
- Fromknecht, Bernard M., assignor to The Griswold Manufacturing Company, Erie, Pa. Grill. 2,033,067; Mar. 3.
- Fromknecht, Bernard M., assignor to The Griswold Manufacturing Company, Erie, Pa. Grill. 2,033,068; Mar. 3.
- Frost, Adolph M. (See Derby, J. H., and Frost.)
- Frost, Charles L., Grand Rapids, Mich. Latch construction. 2,038,835; Apr. 28.
- Frost, Clarence B., Cambridge, assignor to Harry I. Frost, Ashby, Mass. Forming a band about a package or the like. 2,036,866; Apr. 7.
- Frost, Elmer F., assignor to Frost Rubber Works, Chicago, Ill. Kneeling bench. 2,053,471; Sept. 8.
- Frost, Elmer S., Oakland, Calif. Lift truck. 2,050,000; Aug. 4.
- Frost, George, Company. (See Chase, Kenneth, assignor.)
- Frost, George S., Baldwin, N. Y. Receptacle. 2,036,572; Apr. 7.
- Frost, George S., Baldwin, N. Y. Package. 2,041,537; May 19.
- Frost, George W., assignor to The Steel Scaffolding Company, Inc., Evansville, Ind. Scaffolding. 2,034,338; Mar. 17.
- Frost, Harry I. (See Frost, Clarence B., assignor.)
- Frost, John G. G., assignor to The National Smelting Company, Cleveland, Ohio. Melting and holding furnace. 2,040,787; May 12.
- Frost, John G. G., assignor to The National Smelting Company, Cleveland, Ohio. Melting and holding furnace. 2,040,788; May 12.
- Frost, Myron O., St. Louis, Mo., assignor, by mesne assignments, to The Lamson Company, Syracuse, N. Y. System of covering shoe heels. 2,032,927; Mar. 3.
- Frost, Myron O., St. Louis, Mo., assignor, by mesne assignments, to The Lamson Company, Syracuse, N. Y. System of finishing shoes. 2,051,374; Aug. 18.
- Frost, Paul. (See Lingg, A., and Frost.)
- Frost, Paul, Munich-Neuharlaching, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Camera. 2,036,326; Apr. 7.
- Frost, Paul, Munich-Neuharlaching, and L. Beckenbauer, Munich, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Roll film camera. 2,043,612; June 9.
- Frost Rubber Works. (See Frost, Elmer F., assignor.)
- Frost, William H. H., Hinxworth, near Baldock, England. Digging apparatus. 2,038,930; Apr. 28.
- Frostad, George O., Cudahy, Wis., assignor, by mesne assignments, to Sutherland Paper Company, Kalamazoo, Mich. Method of and apparatus for performing mechanical operations on moving work. 2,026,730; Jan. 7.
- Fruehauf Trailer Company, et al. (See Lubbers, Lubbert E., assignor.)
- Fruit and Produce Packing, Inc. (See Bomberger, George E., assignor.)
- Fruit and Produce Packing, Inc. (See Krannert, Herman C., assignor.)
- Fruit Growers Package Company. (See Rendleman, Julius, assignor.)
- Fruit Growers Express Company. (See Sweeley, E. A., and Killingstad, assignors.)
- Fruit Packers Supply and Equipment Company. (See Morris, D. C., and Cockrill, assignors.)
- Fruit Supply Company. (See Adams, Frank J., assignor.)
- Fry, Benjamin W., St. Louis, Mo. Vending machine. 2,042,710; June 2.
- Fry, Benjamin W., St. Louis, Mo. Vending machine casing. 2,044,288; June 16.
- Fry, Benjamin L., St. Louis, Mo. Vending machine. 2,050,307; Aug. 11.
- Fry, Benjamin W., St. Louis, Mo. Vending machine. 2,050,524; Aug. 11.
- Fry, Charles W., East Orange, and H. L. Ruff, Roselle Park, N. J., assignors to Continental Paper & Bag Corporation, New York, N. Y. Seeproof bag. 2,042,594; June 2.
- Fry, Ernest T., assignor, by mesne assignments, to Jacob M. Moses, Baltimore, Md. Razor. 2,036,749; Apr. 7.
- Fry, Henry, Heathercroft, Northway, Bishopston, Wales. Appliance for the extraction of weeds and the aeration of the soil. 2,057,142; Oct. 13.
- Fry, Howard N. (See Ellis, R. H., and Fry.)
- Fry, Sidney R., Racine, Wis. Advertising device. 2,049,698; Aug. 4.
- Fry, Vern K., Noble Township, Cass County, Ind. Flying machine. 2,058,678; Oct. 27.
- Fry, William. (See Stoesser, S. M., and Fry.)
- Fry, William H., Kansas City, Mo. Swing. 2,048,110; July 21.
- Fryer, Donald A., assignor to Briggs Manufacturing Company, Detroit, Mich. Spring seat. 2,034,092; Mar. 17.
- Fryer, Louis S., Cleveland, Ohio. Method and apparatus for treating rayon. 2,038,036; Apr. 21.
- Fryer, William H. (See Strachan, T. H., and Fryer.)
- Fuchs, Carl, Mergelstetten, near Heidenheim-on-the-Brenz, assignor to J. M. Voith, Heidenheim-on-the-Brenz, Germany. Hydraulic machine. 2,055,196; Sept. 22.
- Fuchs, Charles A., Hollis, N. Y., and F. Spaloss, Teaneck, N. J., assignors, by mesne assignments, to Projector Improvement Company, Inc., New York, N. Y. Carbon holder. 2,056,963; Oct. 13.
- Fuchs, Fred, St. Paul, Minn. License plate holder for automobiles. 2,031,154; Feb. 18.
- Fuchs, Gottfried, and H. Späth, Stuttgart-Cannstatt, Germany. Machine for the electric welding of the feet of knitting machine needles. 2,062,647; Dec. 1.
- Fuchs, Harry B., Brooklyn, N. Y. Electrical device. 2,043,744; June 9.
- Fuchs, Henry. (See Görler, E., and Fuchs.)
- Fuchs, Henry, assignor to W. H. Miner, Inc., Chicago, Ill. Refrigerator car door. 2,058,860; Oct. 27.
- Fuchs, Henry O., Dayton, Ohio. Shock absorber. 2,061,068; Nov. 17.
- Fuchs, Nathaniel, Linden, N. J., assignor, by mesne assignments, to Plaskon Company, Incorporated. Production of crystalline products by condensing urea and formaldehyde. 2,062,171; Nov. 24.
- Fuchs, Otto, and W. Querfurth, Constance, Germany. Production of higher alcohols from a mixture of ethyl alcohol and methyl alcohol. 2,050,788; Aug. 11.
- Fuchs, Otto, Frankfurt-on-the-Main, and W. Querfurth, Mainz-Mombach, Germany. Manufacture of condensation products from aliphatic organic compounds. 2,050,789; Aug. 11.
- Fuchs, Otto, Frankfurt-on-the-Main, E. Naujoks, Berlin-Zehlendorf Mitte, and W. Querfurth, Mainz-Mombach, Germany. Production of higher ketones. 2,064,254; Dec. 15.
- Fuchs, Walter, Ostrava, Czechoslovakia. Producing activated carbon. 2,040,931; May 19.
- Fucik, Norbert, Chicago, Ill. Typographical machine. 2,028,743; Jan. 28.
- Fudeczko, Hilary. (See Polak, Lewis, assignor.)
- Fuehrer, George H., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Steel retainer. 2,045,296; June 23.
- Fuel Development Corporation. (See Kimball, Leo B., assignor.)
- Fuelle, Carl A., St. Louis, Mo. Screen attachment. 2,047,366; July 14.
- Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Camera construction. 2,029,918; Feb. 4.
- Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Leak light protection. 2,043,926; June 9.
- Fuerst, Carl C., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Winding key for cameras. 2,059,859; Nov. 3.
- Fuerst, Carl C., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Roll holding camera. 2,059,860; Nov. 3.
- Fuetterer, Charles T., Cuyahoga Falls, Ohio. Feeding device. 2,048,606; July 21.
- Fu Francesco, Joe Coluccio, and N. Furfaro, Seattle, Wash. Speed wave ship. 2,040,984; May 19.
- Fugatt, Earl L., Flintville, Tenn. Picker's sack carrier. 2,028,057; Jan. 14.
- Fulbright, Clarence C., Pine Bluff, Ark. Floor block. 2,031,596; Feb. 25.
- Fulbright, James T., Norden, Calif. Railroad rail gauging device. 2,036,750; Apr. 7.
- Fulcher, Roy G. (See Carle, William T., assignor.)
- Fulenwider, Harry. (See Fulenwider, Jesse and H.)
- Fulenwider, Jesse and H., Savannah, Ga. Metal roofing shingle. 2,042,890; June 2.
- Fulk, Murl E. (See Shattuck, O. M., and Fulk.)
- Fulke, Frank L., Terre Haute, Ind., assignor to The Jeffrey Manufacturing Company. Mining chain cutting bit. 2,036,327; Apr. 7.
- Fulke, Frank L., Terre Haute, Ind., assignor to The Jeffrey Manufacturing Company. Mining machine chain cutter. 2,036,573; Apr. 7.
- Full, George D., Winnetka, and J. M. Muntner, assignors to Dudley Lock Corporation, Chicago, Ill. Lock. 2,030,836; Feb. 11.
- Full, George D., Winnetka, and J. M. Muntner, assignors to Dudley Lock Corporation, Chicago, Ill. Lock key. 2,030,837; Feb. 11.
- Fuller, Albert B., assignor to Eastman Kodak Company, Rochester, N. Y. Electromagnetic clutch. 2,039,714; May 5.
- Fuller, Albert G., Brooklyn, N. Y., assignor to Bushwick Can Co. Inc. Nonrefillable receptacle. 2,046,736; July 7.
- Fuller, Charles W., Houston, Tex., assignor, by mesne assignments, to Johns-Manville Corporation, New York, N. Y. Improvement in coating device. 2,034,755; Mar. 24.
- Fuller, Clarence N. (See Cherry, L. A., and Fuller.)
- Fuller, Clarence W., Yonkers, N. Y. Tooth brush. 2,053,905; Sept. 8.
- Fuller, Clarence W., Yonkers, N. Y. Spike for golf shoes. 2,053,906; Sept. 8.
- Fuller, Collins F., Chicago, Ill. Egg box. 2,030,979; Feb. 18.
- Fuller, Collins F., Chicago, Ill. Knockdown container. 2,032,928; Mar. 8.
- Fuller, Collins F., Chicago, Ill. Shipping case. 2,052,135; Aug. 25.



- Fuller Company. (See Constantin, Eusebe J. L. F., assignor.)
- Fuller Company. (See Lenhart, Herbert S., assignor.)
- Fuller Company. (See Redfield, Snowden E., assignor.)
- Fuller, Everett, W. (See Moran, R. C., Evers, and Fuller.)
- Fuller, Everett W. (See Story, B. W., and Fuller.)
- Fuller, Frank A., South Milwaukee, and T. A. Snyder, Milwaukee, assignors to Bucyrus-Erie Company, South Milwaukee, Wis. Endless track mounting. 2,063,035; Dec. 8.
- Fuller, Frederic B., assignor to Package Machinery Company, Springfield, Mass. Web registering device. 2,029,919; Feb. 4.
- Fuller, Frederick L., Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 2,041,752; May 26.
- Fuller, Frederick L., West Orange, N. J., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,062,570; Dec. 1.
- Fuller, George H., Cleveland, Ohio, assignor to The Goss Printing Press Company, Chicago, Ill. Stereotype plate. 2,038,104; Apr. 21.
- Fuller, Harold S., Winchester, Mass. Paper box. 2,032,569; Mar. 3.
- Fuller, Harry H., Madison, Wis. Guard for outboard motors. 2,054,374; Sept. 15.
- Fuller, Hugh H. C., London, England. Electric fan. 2,027,687; Jan. 14.
- Fuller Lehigh Company. (See Bailey, E. G., Cassidy, and Hardgrove, assignors.)
- Fuller Lehigh Company. (See Hardgrove, Ralph M., assignor.)
- Fuller Lehigh Company. (See Jones, William A., assignor.)
- Fuller Manufacturing Company. (See Bixby, Leo A., assignor.)
- Fuller, Thomas J. D., Jr., Cambridge, Mass. Edge-illuminated sign. 2,027,034; Jan. 7.
- Fuller, Wallace W., Washington, D. C. Method of and apparatus for producing intelligible sound from optical indicia. 2,034,803; Mar. 24.
- Fuller, Wallace W., New York, N. Y. Synthetic speech machine. 2,054,216; Sept. 15.
- Fuller, Warren C., Mansfield, Ohio. Refrigerator construction. 2,030,291; Feb. 11.
- Fülling, Heinrich. (See Etzrodt, R., Fülling, and Hähle.)
- Fullman, James M. G., Sewickley, Pa., assignor to National Electric Products Corporation. Outlet box connector. 2,052,394; Aug. 25.
- Fullmer, Giles C., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Electric flashlight. 2,065,307; Dec. 22.
- Fulmer, Donald B., Bethlehem, and W. T. Miller, Lehigh County, Pa., assignors to Bethlehem Steel Company. Making grooved wire. 2,036,034; Mar. 31.
- Fultner, Jaroslav, G. G. Krivoshein, and J. Sekla, Prague, Czechoslovakia. Steel dam. 2,033,027; Mar. 3.
- Fulton, Alden W., Kansas City, Mo. Gas burner construction. 2,027,159; Jan. 7.
- Fulton Company, The. (See Thorp, Joel R., assignor.)
- Fulton Company, The. (See Thorp, J. R., and Strand, assignors.)
- Fulton, Ellis, Wheeling, W. Va. Freezer mechanism. 2,054,724; Sept. 15.
- Fulton, Nell, New York, N. Y. Edge holding separable fastener. 2,057,426; Oct. 13.
- Fulton, Robert L., Webster City, Iowa. Vehicle wheel suspension. 2,062,874; Dec. 1.
- Fulton, S. A. (See Grover, Lyndon V., assignor.)
- Fulton, Stewart C. (See Frolich, P. K., Winning, and Fulton.)
- Fulton, Stewart C., Elizabeth, N. J., assignor to Standard Oil Development Company. Aldehyde synthetic resins prepared from petroleum. 2,035,123; Mar. 24.
- Fulton, Stewart C., Elizabeth, N. J., assignor to Standard Oil Development Company. Preparing resins and asphaltenes. 2,055,486; Sept. 29.
- Fulton, Stewart C., Elizabeth, and V. Kalichevsky, Gloucester, N. J., assignors to Standard Oil Development Company. Articles fabricated with asphaltines and making such articles. 2,035,122; Mar. 24.
- Fulton, Stewart C., Elizabeth, and J. Kunc, Roselle Park, N. J., assignors to Standard Oil Development Company. Manufacture of synthetic resins of petroleum origin. 2,038,558; Apr. 28.
- Fulton, Stewart C., and H. G. Vesterdal, Elizabeth, N. J., assignors to Standard Oil Development Company. Preparing improved soaps and products thereof. 2,049,055; July 28.
- Fulton Sylphon Company, The. (See Bezzenberger, Fred K., assignor.)
- Fulton Sylphon Company, The. (See Brown, Robert E., assignor.)
- Fulton Sylphon Company, The. (See Cate, Paul E., assignor.)
- Fulton Sylphon Company, The. (See Davies, L. L., Resek, and Carson, assignors.)
- Fulton Sylphon Company, The. (See Giesler, J. V., and Mackintosh, assignors.)
- Fulton Sylphon Company, The. (See Mackintosh, William B., assignor.)
- Fulton Sylphon Company, The. (See Ott, Oran W., assignor.)
- Fultz, Wilford B., Graham, Tex. Oil well rig. 2,059,333; Nov. 3.
- Ful-Vue Sales Company, The. (See Emons, Ernest E., assignor.)
- Fulweiler, Walter H., Wallingford, assignor to The United Gas Improvement Company, Philadelphia, Pa. Purification of gas from oxides of nitrogen. 2,031,410; Feb. 18.
- Funk, Frederick G., Chicago, Ill. Egg packing machine. 2,045,767; June 30.
- Funk, Truman B., assignor to "Yard-Man" Inc., Jackson, Mich. Spider for lawn mower cutting reels. 2,043,098; June 2.
- Funk, Truman B., and H. D. Corwin, assignors to "Yard-Man", Inc., Jackson, Mich. Apparatus for forming lawn mower blade blanks. 2,046,619; July 7.
- Funk, William E. (See Currah, C. W., and Funk.)
- Funke, Albert. (See Kiesskalt, S., Funke, and Boedeker.)
- Funkhouser Company, The. (See Nichols, Ernest H., assignor.)
- Funsten, Stanard R., Rosemont, assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of sludges. 2,038,559; Apr. 28.
- Funston, Frederick D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Shock absorber. 2,032,124; Feb. 25.
- Fuog, Harry L. (See McBride, Samuel R., assignor.)
- Furay, Richard E., San Francisco, Calif. Vacuum tube oscillator. 2,027,160; Jan. 7.
- Furcht, Margarethe. (See Erber, B., Furcht, and Gantner.)
- Furey, James D., Cabra, Dublin, Ireland. Perambulator, invalid's chair, tradesman's carrier and the like. 2,055,147; Sept. 22.
- Furey, John. (See Juba H., and Furey.)
- Furey, Joseph R., Blairsville, Pa. Toy. 2,036,328; Apr. 7.
- Furfaro, Nicola. (See fu Francesco, Joe C., and Furfaro.)
- Furlong, Richard. (See Garlick, Jew, assignor.)
- Furman, Frank J., Vestal, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,039,791; May 5.
- Furman, Jacob N. (See Weiland, H. M., and Furman.)
- Furman, Samuel, Worcester, Mass., assignor to United States Envelope Company, Springfield, Mass. Printing machine. 2,029,996; Feb. 4.
- Furnaslave, Inc. (See Hitchcock, Forrest L., assignor.)
- Furness, John A., Bromley, England. Adjustment of braking mechanism for automobiles and other vehicles. 2,045,223; June 23.
- Furness, William H., National Park, N. J., assignor, by mesne assignments, to New Process Rayon, Inc. Rayon manufacture. 2,047,466; July 14.
- Furnival, John M., Purley, and W. F. Bubb, Mitcham, England, assignors to Radio Corporation of America. Radio beacon. 2,045,904; June 30.
- Furstnow, Earl K., Los Angeles, Calif. Sweeper. 2,046,679; July 7.
- Furtzga, Abraham, New York, N. Y. Holder for kneeling pads. 2,052,973; Sept. 1.
- Furui, Shunzo. (See Takanashi, Masami, assignor.)
- Fury, William M., Philadelphia, Pa. Rectifier. 2,031,411; Feb. 18.
- Fusca, Emil A. (See Lytle, W. O., and Fusca.)
- Fusco, Joseph C., et al. (See Warner, Charles F., assignor.)
- Fusoid Electric Co. (See Grady, Stephen S., assignor.)
- Fusske, William. (See Herstein, Abe., assignor.)
- Futran, Simon, Berlin, Germany. Locking device for safety purposes. 2,045,905; June 30.
- Fykse, Mitchell L. (See Bauer, H. E., Fykse, Davidson, and Lonngren.)
- Fykse, Mitchell L., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Dragline excavator. 2,042,460; June 2.
- Fykse, Mitchell L., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Brake and clutch band. 2,046,306; June 30.
- Fykse, Mitchell L., South Milwaukee, and M. J. Woodhull, Milwaukee, assignors to Bucyrus-Erie Company, South Milwaukee, Wis. Dipper tooth. 2,040,085; May 12.
- Fyler, George W., Schenectady, N. Y., assignor to General Electric Company. Radio transmitting system. 2,065,369; Dec. 22.
- Fyler, George W., Schenectady, N. Y., assignor to General Electric Company. Coupling. 2,027,861; Jan. 14.
- Fyr-Fyter Company. (See Thomas, C. A., and Hochwalt, assignors.)
- G. B. G. Corporation. (See Graf, Elmer J., assignor.)
- G-M Laboratories, Inc. (See McMaster, Archie J., assignor.)
- G-M Laboratories, Inc. (See McMaster, A. J., and Wells, assignors.)
- G & W Electric Specialty Co. (See Edmonds, George P., assignor.)
- Gaathaug, Jon, Oslo, Norway. New uric acid-dissolving remedies and their production. 2,038,484; Apr. 21.
- Gaba, Achille E., Paris, France. Adjustable pitch propeller. 2,054,810; Sept. 22.
- Gabb, Archibald H., Bristol, assignor to The Tan-Sad Chair Company (1931) Limited, Birmingham, England. Back rest or support for a chair, seat, or the like. 2,043,433; June 9.
- Gabbert, Hugh W., Kenwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Folding machine. 2,063,156; Dec. 8.
- Gabriel, Arthur R., New Rochelle, N. Y., assignor to Saml. Gabriel Sons & Company, New York, N. Y. Article of decoration. 2,064,826; Dec. 22.



- Gabriel, Charles L., Lawrence, assignor, by mesne assignments, to Resinox Corporation, New York, N. Y. Synthetic resin varnish compositions. 2,033,280; Mar. 10.
- Gabriel, Charles L., Lawrence, assignor, by mesne assignments, to Resinox Corporation, New York, N. Y. Synthetic resin varnish compositions. 2,033,281; Mar. 10.
- Gabriel, Charles L., Lawrence, assignor, by mesne assignments, to Resinox Corporation, New York, N. Y. Synthetic resin varnish compositions. 2,063,239; Dec. 8.
- Gabriel, Charles L., Lawrence, assignor, by mesne assignments, to Resinox Corporation, New York, N. Y. Synthetic resin varnish compositions. 2,063,240; Dec. 8.
- Gabriel, Leonard G., J. F. T. Blott, W. L. Peard, and L. W. G. Firmin, London, England, Louis Meunier, Lyon, France, and J. L. van der Minne, Amsterdam, Netherlands, assignors, by mesne assignments, to The Flintkote Company, New York, N. Y. Treating materials capable of undergoing dispersion in water and for obtaining aqueous dispersions therefrom. 2,027,584; Jan. 14.
- Gabriel, Peter J., and F. J. Kammerer, Brooklyn, N. Y. Tire for roller skates. 2,051,696; Aug. 18.
- Gabriel, Saml., Sons & Company. (See Gabriel, Arthur R., assignor.)
- Gabriel, William A., Elgin, assignor to Elgin National Watch Company, Chicago, Ill. Self-winding timepiece. 2,030,980; Feb. 18.
- Gabriele, Carlo, Youngstown, Ohio. Antiskid attachment for shoes. 2,061,962; Nov. 24.
- Gabriele, Carlo, Youngstown, Ohio. Antiskid attachment for shoes. 2,061,963; Nov. 24.
- Gabrielsen, Christian, assignor to Viking Tool and Machine Corporation, Belleville, N. J. Hot press printing machine. 2,035,957; Mar. 31.
- Gabrielson, Carl, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,028,200; Jan. 21.
- Gabritsch, Martin, Canon City, Colo. Lighter. 2,045,457; June 23.
- Gaddy, Ermal W. (See Prusso, R. E., and Gaddy.)
- Gaddy, Everett W., et al. (See Prusso, R. E., and Gady.)
- Gaddy, Leoma I., Panama City, Fla. Condiment holder. 2,029,997; Feb. 4.
- Gadeau, Robert A., St. Jean-De-Maurienne, assignor to "Campagne de Produits Chimiques et Electro Metallurgique Alais, Froges et Camargue, Paris, France. Refining of aluminum. 2,034,339; Mar. 17.
- Gaenssle, Paul W., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Wheel structure. 2,053,710; Sept. 8.
- Gaenssle, Paul W., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Wheel rim. 2,057,628; Oct. 13.
- Gaertner, Edward C., Terre Haute, and G. W. Shoemaker, Brazil, Ind. Ornamented ceramic structure. 2,036,131; Mar. 31.
- Gaess, Albert H. (See Freter, R. J., and Gaess.)
- Geatzi, Jakob. (See End, G., and Gaetzi.)
- Gaf Manufacturing Corporation. (See Fernández, Alejandro G., assignor.)
- Gaffey, Patrick F., Hartford, Conn. Automatic pressure release valve. 2,060,006; Nov. 10.
- Gage, Ellsworth D., Oakland, Calif. Coupling for overhead irrigation pipes. 2,049,801; Aug. 4.
- Gage, Henry P., assignor to Corning Glass Works, Corning, N. Y. Signaling device. 2,052,224; Aug. 25.
- Gage, John A., Canandaigua, N. Y. Display rack. 2,035,874; Mar. 31.
- Gage, Robert B., Trenton, N. J. Method of and apparatus for finishing concrete pavements. 2,032,205; Feb. 25.
- Gage, Robert B., Trenton, N. J., assignor of one-half to R. W. Baily, Philadelphia, Pa. Apparatus and method for preparing concrete in mixers. 2,038,276; Apr. 21.
- Gagg, Rudolph F. (See Chilton, R., and Gagg.)
- Gagg, Rudolph F. (See Waters, H. H., and Gagg.)
- Gagg, Rudolph F., Fairlawn, N. J., assignor to Wright Aeronautical Corporation. Deicing throttle. 2,059,687; Nov. 3.
- Gagier, George E. (See Place, Bion C., assignor.)
- Gagne, Gideon R., assignor to Snap-on Tools, Inc., Kenosha, Wis. Tube flaring tool. 2,027,161; Jan. 7.
- Gagné, Léonce. (See Freeman, H., and Gagné.)
- Gagnier, George E. (See Curcuru, Liborio L., assignor.)
- Gagnier, George E. (See Place, Bion C., assignor.)
- Gagnier, George E. (See Place, Bion C., assignor.)
- Gagnier, George E., assignor of one-half to B. C. Place, Detroit, Mich. Trim panel. 2,039,686; May 5.
- Gagnon, Bernard E., assignor to The Bead Chain Manufacturing Company, Bridgeport, Conn. Cord and chain coupling. 2,036,172; Mar. 31.
- Gagnon, Joseph A. (See Finberg, D. H., and Gagnon.)
- Gagnon, Joseph X., Worcester, Mass., assignor to Hazelton-De Bevoise Inc. Wearing apparel. 2,037,376; Apr. 14.
- Gagnon, Louis L. (See Styll, H. H., and Gagnon.)
- Gagnon, Louis L., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,050,525; Aug. 11.
- Gahagan, Andrew, assignor to The Crown Lock Company, New York, N. Y. Locking device. 2,065,683; Dec. 29.
- Gahl, Rudolf, Berkeley, Calif. Apparatus and process for effecting changes in degree of oxidation of finely divided magnetic metals and metal compounds. 2,048,111; July 21.
- Gahl, Rudolf, Berkeley, Calif. Reduction of metal-oxygen compounds. 2,048,112; July 21.
- Gahl, Rudolf, Berkeley, Calif. Reaction chamber for reactions of magnetic substances with fluids. 2,048,113; July 21.
- Gaidies, Georg. (See Ewest, H., and Gaidies.)
- Gaidies, Georg. (See Pirani, M., and Gaidies.)
- Gaidies, Georg, Berlin-Pankow, Germany, assignor to General Electric Company. Gaseous electric discharge device. 2,046,941; July 7.
- Gaidies, Georg, Berlin-Pankow, and M. Reger, Berlin-Charlottenburg, Germany, assignors to General Electric Company. Gaseous electric discharge lamp. 2,042,148; May 26.
- Gaiennie, George B., assignor to Elastic Asphalt Company, Chicago, Ill. Expansion joint. 2,053,281; Sept. 8.
- Gaik, Arnold, Chicago, Ill. Air-pressure device. 2,059,785; Nov. 3.
- Gail, George W., Ruxton, Md. Fastening and securing means. 2,028,597; Jan. 21.
- Gail, John F., Evanston, Ill., assignor to Simmons Company, New York, N. Y. Method of and apparatus for making mattress boxing strips. 2,062,359; Dec. 1.
- Gailey, Florence L., Los Angeles, Calif. Adjustable seat back cushion. 2,060,298; Nov. 10.
- Gailey, Florence L., Los Angeles, Calif. Chair. 2,063,732; Dec. 8.
- Gailey, George J., New Haven, Conn. Cigarette holder. 2,042,891; June 2.
- Gailliot, Paul. (See Delépine, M., and Gailliot.)
- Gailor, Chester F., New York, N. Y. Container opener. 2,039,643; May 5.
- Gaimari, Alfred A. and A., Chicago, Ill. Fountain pen. 2,046,620; July 7.
- Gaimari, Angelo. (See Gaimari, Alfred A. and A.)
- Gaines, Earl F., and W. C. Lippert, Milwaukee, Wis. Window. 2,046,259; June 30.
- Gaines, Edmund P., Columbia, S. C. Airplane. 2,065,684; Dec. 29.
- Gaines, Eugene F., Merion, assignor to H. B. Taylor and C. W. Lerner, Philadelphia, Pa. Hose and supporter. 2,035,469; Mar. 31.
- Gaines, Eugene F., Merion, Pa., assignor to The Modess Corporation, New York, N. Y. Clamp. 2,036,867; Apr. 7.
- Gaines, Eugene F., Merion, assignor to Flexible Fastener Corporation, Philadelphia, Pa. Fastener. 2,043,745; June 9.
- Gaines, Florence E. (See Wheeler, Wellington B., assignor.)
- Gaines, Frederick W., assignor to The Ajax Manufacturing Co., Euclid, Ohio. Electrical blank heating machine. 2,052,761; Sept. 1.
- Gaines, John M., Jr., Kanmore, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Method and apparatus for operating cascade systems with regeneration. 2,037,714; Apr. 21.
- Gairing, Emil, Detroit, Mich., assignor to The Gairing Tool Company. Metalworking tools—means for connecting the cutter to the holder. 2,057,143; Oct. 13.
- Gair, Robert, Company. (See Rossi, Harry, assignor.)
- Gair, Robert, Company. (See Weiss, Arthur J., assignor.)
- Gairing Tool Company, The. (See Gairing, Emil, assignor.)
- Gairord, Camille L., West Orange, assignor to Kraeuter & Company, Inc., Newark, N. J. Pliers. 2,043,373; June 9.
- Gaiser, Paul, Sellersville, Pa., assignor to United States Gauge Company, New York, N. Y. Diaphragm gauge. 2,061,761; Nov. 24.
- Gaisman, Henry J., New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,034,340; Mar. 17.
- Gaisman, Henry J., Hartsdale, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor blade. 2,045,184; June 23.
- Gaisman, Henry J., Hartsdale, N. Y. Door safety mechanism. 2,065,685; Dec. 29.
- Gaisman, Lucien, Audenshaw, Manchester, England. Pavement curb. 2,033,028; Mar. 3.
- Gaither, Gant, Hopkinsville, Ky. Making artificial cryolite. 2,058,075; Oct. 20.
- Galante, Aldo, Genoa, Italy. Automatic gradual clutch. 2,043,322; June 9.
- Galanti, Robert, Elmhurst, N. Y. Accordion. 2,065,574; Dec. 29.
- Galazin, John E., Cleveland, Ohio. Ornament. 2,040,985; May 19.
- Galbraith, Arch H., assignor to Galbraith & Company, Pittsburgh, Pa. Display card container. 2,037,715; Apr. 21.
- Galbraith, Arthur, Ash Grove, Mo. Fastener for fastening hook lines to trot lines. 2,060,007; Nov. 10.
- Galbraith & Company. (See Galbraith, Arch H., assignor.)
- Gale, Henry A., Fitchburg, Mass. Bobbin stripper. 2,036,405; Apr. 7.
- Gale, Joseph W. (See Stovall, W. D., and Gale.)
- Gale and Pietsch, Inc. (See Currie, William F., assignor.)
- Gale, Rowland A. (See Wallerstein, L., Gale, and Hawley, Jr.)
- Gale, Rowland A. (See Wallerstein, L., Hawley, and Gale.)
- Gale, William A. (See Allen, W. H., Gale, and Ritchie.)



- Gales, George E., Jr., Plainfield, assignor to Johnson & Johnson, New Brunswick, N. J. First-aid dressing. 2,054,768; Sept. 15.
- Galey, Henry J., Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for case hardening glass. 2,032,008; Feb. 25.
- Galey, Henry J., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double window construction. 2,057,823; Oct. 20.
- Gallagher Company, The. (See Booth, Lionel E., assignor.)
- Galion Iron Works & Mfg. Co., The. (See Arndt, Franklin E., assignor.)
- Galion Iron Works and Manufacturing Company, The. (See De Millar, Floyd O., assignor.)
- Galion Metallic Vault Company, The. (See Smith, Ralph E., assignor.)
- Galkin, Joseph, assignor to Trouser Waist-Band Machine Co. Inc., New York, N. Y. Universal folder for sewing machines. 2,028,773; Jan. 28.
- Galkin, Joseph, New York, N. Y. Ornamental loop-stitch sewing machine. 2,063,995; Dec. 15.
- Galkin, Joseph, Corporation. (See Feldmann, Henry, assignor.)
- Galla, Joseph J., Bridgeport, Conn. Illuminating carrier for marker plates. 2,033,236; Mar. 10.
- Gallagher, Charles A., and C. M. Allen, California, Pa., assignors to General Chemical Company, New York, N. Y. Furnace. 2,027,817; Jan. 14.
- Gallagher, Irving J., Elizabeth, N. J. Visual indicator for aircraft radio beacon systems. 2,040,734; May 12.
- Gallagher, James P., Arlington, N. J. Golf club. 2,041,676; May 19.
- Gallagher, John P., Jersey City, N. J. Brake beam. 2,059,225; Nov. 3.
- Gallagher, William D., Perry, Iowa. Foldable kneeling rail. 2,057,944; Oct. 20.
- Gallaher, Alvan H., Plainfield, N. J., assignor to The Barrett Company, New York, N. Y. Coking hydrocarbon material and coke oven for practicing said process. 2,029,865; Feb. 4.
- Gallaher, Cyrus W., Jr., Beallsville, Ohio, assignor to W. E. Anderson and C. E. Myler, Muskegon, Mich. Brake operating mechanism. 2,048,254; July 21.
- Gallamore, Oliver H., Indianapolis, Ind. Table. 2,049,114; July 28.
- Gallant, Augustine G. N., Wilmington, Mass. Storage battery. 2,065,444; Dec. 22.
- Gallasch, George B., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope. 2,057,187; Oct. 13.
- Galleher, Lewis C., assignor to The Huber Manufacturing Company, Marion, Ohio. Hydraulic valve. 2,051,137; Aug. 18.
- Gallens, Aaron, assignor to Bunin, Gallens & Co., Inc., New York, N. Y. Sewing machine. 2,064,973; Dec. 22.
- Gallia Limited. (See Basch, Eugen, assignor.)
- Galligan, James J. (See Robinson, W. J., and Galligan.)
- Galligan, James J., Providence, R. I., assignor to United States Rubber Products, Inc., New York, N. Y. Rubber bathing suit. 2,033,065; Mar. 3.
- Galligan, James J., Providence, R. I., and F. O. Thornton, Jr., Jackson Heights, assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Crinkled sheet material and making same. 2,030,746; Feb. 11.
- Galligan, James J., and W. J. Robinson, Providence, R. I., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Crinkled elastic material. 2,031,703; Feb. 25.
- Galligan, William E. (See Levine, M., Galligan, and Luebers.)
- Gallier, Walter C., Ashland, Ky. Work transporting carrier. 2,035,311; Mar. 24.
- Gallimore, Keith F. (See Kraut, H. B., and Gallimore.)
- Galliot, Norbert, Vaucresson, France. Recoil-absorbing device for firearms. 2,065,273; Dec. 22.
- Gallitzin, John W., Bucyrus, Ohio. Combination ironing board. 2,032,981; Mar. 3.
- Gallmeyer & Livingston Company. (See De Koning, Jacob, assignor.)
- Galloway, Arthur L. (See Taylor, C. C., and Galloway.)
- Galloway, Charles D., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Storage battery. 2,035,744; Mar. 31.
- Galloway, Robert L., Salem, assignor to Western Paper Converting Company, Salem, Ore. Bag structure. 2,028,974; Jan. 28.
- Gallup, David L., assignor to Bendix Products Corporation, South Bend, Ind. Braking system. 2,055,253; Sept. 22.
- Gallup, John L., Newark, N. J., assignor to Radio Corporation of America. Ceramic object and making the same. 2,030,200; Feb. 11.
- Gallusser, Hans, Geneva, Switzerland. Automatic slack adjuster. 2,031,704; Feb. 25.
- Gallusser, Hans, Geneva, Switzerland. Automatic double-acting take-up device for brake systems. 2,035,228; Mar. 24.
- Gallusser, Hans, Geneva, Switzerland. Double power braking device, particularly for railway vehicles. 2,043,040; June 2.
- Galson, Henry L. (See McKee, G. S., and Galson.)
- Galson, Henry L., Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Interchanging compressor and condenser functions of a refrigerating system and controlling a compressor therefor. 2,052,561; Sept. 1.
- Galson, Henry L., Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Air distributing system. 2,065,445; Dec. 22.
- Galvin, Charles E., assignor to International Steel Wool Corporation, Springfield, Ohio. Pressing pad. 2,036,964; Apr. 7.
- Galvin, Charles E., assignor to International Steel Wool Corporation, Springfield, Ohio. Pressing pad. 2,050,052; Aug. 4.
- Galvin Manufacturing Corporation. (See Mitchell, Donald H., assignor.)
- Galvin Manufacturing Corporation. (See Wood, R. E., and Yoder, assignors.)
- Galvin, Michael J., and von Fenner, Chicago, Ill. Clutch. 2,063,426; Dec. 8.
- Gamage, Franklin T. (See Gamage, Franklin W., and F. T.)
- Gamage, Franklin W., and F. T. Gamage, Indianapolis, Ind. Fuel feed for internal combustion engines. 2,059,688; Nov. 3.
- Gambarini, Benjamin, Alameda, Calif. Reciprocating suction pump. 2,056,513; Oct. 6.
- Gamble, Charles B., Birmingham, Ala. Water heater. 2,054,537; Sept. 15.
- Gamel, Gayne D., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic circuit breaker reclosing mechanism. 2,060,494; Nov. 10.
- Gamewell Company, The. (See Beach, Clarence E., assignor.)
- Gamewell Company, The. (See Beach, C. E., Weld, and King, assignors.)
- Gamewell Company, The. (See Bridges, Frank R., assignor.)
- Gamewell Company, The. (See Dawson, Leonard, assignor.)
- Gamewell Company, The. (See Durbin, Vernon, assignor.)
- Gamewell Company, The. (See Weld, Foster E., assignor.)
- Gamewell Company, The. (See McCarthy, Edward J., assignor.)
- Gamewell Company, The. (See Smith, Harry S., assignor.)
- Gamewell Company, The. (See Weld, Foster E., assignor.)
- Gammeter, John R., Akron, Ohio, assignor to International Latex Corporation, Rochester, N. Y. Dipped rubber articles. 2,033,626; Mar. 10.
- Gammeter, John R., Akron, Ohio, assignor to United States Rubber Company, New York, N. Y. Method and apparatus for making sheet rubber. 2,040,549; May 12.
- Gammeter, John R., Akron, Ohio, assignor to United States Rubber Company, New York, N. Y. Apparatus for making continuous strip material. 2,040,550; May 12.
- Gammeter, John R., Akron, Ohio, assignor to United States Rubber Company, New York, N. Y. Hot knife and method of use. 2,057,021; Oct. 13.
- Gammill, Stewart, et al. (See Downing, Virgil, S., assignor.)
- Gammous, Herman T., Natick, Mass., assignor to Scott & Williams, Incorporated, New York, N. Y. Textile manufacture. 2,052,875; Sept. 1.
- Gamroth, Fritz M., Los Angeles, Calif. Caliper rule. 2,034,804; Mar. 24.
- Gams, Alphonse, G. Widmer, and K. Frey, Basel, Switzerland, assignors, by mesne assignments, to Ciba Products Corporation, Dover, Del. Infusible synthetic resins and making same. 2,031,260; Feb. 18.
- Gams, Alphonse, and T. Sutter, Basel, Switzerland, assignors, by mesne assignments, to Ciba Products Corporation, Dover, Del. Synthetic resins and making same. 2,033,823; Mar. 10.
- Gams, Alphonse, and K. Frey, Basel, Switzerland, assignor, by mesne assignments, to Ciba Products Corporation, Dover, Del. Manufacture of artificial masses. 2,041,330; May 19.
- Ganger, Jesse R. (See Christian, R. A., Ganger, and Holt.)
- Gangler, Paul, Esslingen, near Stuttgart, Germany. Parking device. 2,063,241; Dec. 8.
- Gangloff, Wilmer C., and R. H. Hieronymus, assignors to The Drackett Company, Cincinnati, Ohio. Liquid cleaner for silverware. 2,051,697; Aug. 18.
- Gangwisch, Robert L., Beaver, assignor to Pittsburgh Tube Company, Pittsburgh, Pa. Butt-weld pipe. 2,028,201; Jan. 21.
- Ganio, Otto, New York, N. Y. Crimping machine. 2,060,368; Nov. 10.
- Gann, John A., and W. H. Gross, assignors to The Dow Chemical Company, Midland, Mich. Treating magnesium articles. 2,041,331; May 19.
- Gannestad, Thor, assignor of one-third to J. A. Volland, Pittsburgh, and one-third to A. Kuhl, Belle Haven, Pa. Valve mechanism. 2,034,291; Mar. 17.
- Gannett, Danforth K., Jackson Heights, N. Y., assignor to American Telephone and Telegraph Company. Frequency control system. 2,033,237; Mar. 10.
- Gannett, Danforth K., Jackson Heights, and B. F. Lewis, Flushing, N. Y., assignors to American Telephone and Telegraph Company. Vacuum tube testing system. 2,028,278; Jan. 21.
- Gannon, James E., assignor to American Electric Heating Company, Erie, Pa. Electric heating system. 2,064,654; Dec. 15.
- Gannon, Raymond C., Syracuse, N. Y. Device and method for opening clogged pipes and the like. 2,047,182; July 14.



- Gano, Harlan S., and H. D. Dorfman, Mansfield, Ohio, assignors to Westinghouse Electric and Manufacturing Company. Circuit breaker. 2,048,114; July 21.
- Gano, Merritt W., Jr., Denver, Colo. Toothbrush. 2,063,801; Dec. 8.
- Ganser, Walter. (See Ostgaard, Albert, assignor.)
- Ganson, Charles F., Albany, assignor to Ashe Manufacturing Corporation, Rensselaer, N. Y. Stitch and combined cuff and glove or mitten. 2,050,998; Aug. 11.
- Gantner, Ferdinand. (See Erber, B., Furcht, and Gantner.)
- Gantner, Ferdinand. (See Erber, B., Furcht, and Gantner.)
- Ganz & Co., Gustav. (See Erber, B., Furcht, and Gantner, assignors.)
- Ganz, Joseph, Frankfort-on-the-Main, Germany. Steering device for vehicles. 2,030,441; Feb. 11.
- Ganz, Paul H., New York, N. Y. Powder container. 2,041,753; May 26.
- Ganz, Paul H., New York, N. Y. Compact. 2,048,255; July 21.
- Ganzert, George J., Cliffside, N. J., assignor to Interstate Mechanical Products Corporation. Stropping and honing device. 2,053,219; Sept. 1.
- Gar Wood Industries, Incorporated. (See Wood, Louis S., assignor.)
- Garand, George, Champlain, N. Y. Locking pin for brake shoes. 2,061,964; Nov. 24.
- Garankin, Theodore P. (See Navis, P. C., Moran, Von Berg, and Garankin.)
- Garbe, Howard W. (See Burgess, J., and Garbe.)
- Garbell, Max, assignor to Victor Adding Machine Company, Chicago, Ill. Platform scale. 2,039,527; May 5.
- Garbell, Max, assignor to Victor Adding Machine Company, Chicago, Ill. Scale. 2,039,528; May 5.
- Garbell, Max, assignor to Victor Adding Machine Company, Chicago, Ill. Auxiliary printing mechanism. 2,062,746; Dec. 1.
- Garbell, Max, assignor to Victor Adding Machine Company, Chicago, Ill. Recording machine. 2,064,203; Dec. 15.
- Garber, Ernest C., and H. R. McDermott, assignors to Construction Machinery Company, Waterloo, Iowa. Timer for concrete mixers. 2,030,747; Feb. 11.
- Garbutt, Frank A. (See Hatherell, George A., assignor.)
- Garbutt, Frank E., T. M. Ingman, and H. G. Cunningham, Los Angeles, Calif. Automatic light changer. 2,061,069; Nov. 17.
- Garcia, Anselmo, Long Beach, Calif. Plant protector. 2,062,410; Dec. 1.
- Garcia, Anselmo, assignor of thirty-five per cent to F. N. Coltrane, Long Beach, Calif. Protecting corn, and the like, from worms. 2,056,514; Oct. 6.
- Garcia, Fernando R., Mayaguez, Puerto Rico. Reversible window. 2,056,847; Oct. 6.
- Gard, Earle W., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Fractional distillation. 2,029,528; Feb. 4.
- Gard, James C., Bloomington, Ill. Door fastener. 2,030,916; Feb. 18.
- Gardella, Albert B., Cleveland, Ohio. Tweezers. 2,042,985; June 2.
- Gardes, Alfred W., assignor to The National Cash Register Company, Dayton, Ohio. Key and manufacturing the same. 2,052,616; Sept. 1.
- Gardiner Company. (See Crosman, Loring P., assignor.)
- Gardiner, George W., Los Angeles, Calif. Doorcheck. 2,027,423; Jan. 14.
- Gardiner, John A., et al. (See Smith, Alva T., assignor.)
- Gardiner, Paul C., Scotia, N. Y., assignor to General Electric Company. Diversity factor receiving system. 2,057,613; Oct. 13.
- Gardiner, William T., trustee, et al. (See Peltz, Gordon M., trustee.)
- Gardiner Wire Co. (See Floreth, Alvin H., assignor.)
- Gardner, Albert B., Racine, Wis. Construction for aircraft. 2,037,377; Apr. 14.
- Gardner, Allen F., Detroit, Mich., assignor to Chicago Rawhide Manufacturing Company, Chicago, Ill. Oil seal. 2,049,366; July 28.
- Gardner, Charles E. (See State, W. C., Lammertse, and Gardner.)
- Gardner, Clarence V., assignor to Hydraulic Brake Company, Detroit, Mich. Parking brake for trailers. 2,048,692; July 28.
- Gardner, Clark E., Osage, Iowa. Plant package watering device. 2,033,627; Mar. 10.
- Gardner, Clark E., Osage, Iowa. Watering tube device for packaged plants, shrubs, etc. 2,039,986; May 5.
- Gardner Company. (See Crosman, Loring P., assignor.)
- Gardner Company. (See Fleming, Howard M., assignor.)
- Gardner, Cummings, Los Angeles, Calif. Engine. 2,050,603; Aug. 11.
- Gardner-Denver Company. (See Pearson, Gustav C., assignor.)
- Gardner-Denver Company. (See Sheets, Barton R., assignor.)
- Gardner, Earl W., H. Roden, and D. H. Felder, Port Neches, Tex., assignors to The Texas Company, New York, N. Y. Coating composition. 2,045,906; June 30.
- Gardner, Edgar L. (See Lewis, D. M., and Gardner.)
- Gardner, Edward M., Brooklyn, N. Y. Horseshoe calk. 2,041,825; May 26.
- Gardner, Francis W., assignor to C. A. Parsons and Company, Limited, Newcastle-on-Tyne, England. Manufacture of hollow turbine blades. 2,047,555; July 14.
- Gardner, Frank. (See Kerr, Harold L., assignor.)
- Gardner, Frank G., and C. G. Merrill, assignors to Breeze Corporation, Inc., Newark, N. J. Generator terminal shield. 2,038,353; Apr. 21.
- Gardner, Frederic E., Beloit, Wis., assignor to Gardner Machine Company, South Beloit, Ill. Grinding machine. 2,056,182; Oct. 6.
- Gardner, George, Redlands, Calif. Road oil mixer. 2,042,837; June 2.
- Gardner, George D., San Jose, Calif. Can filling machine. 2,041,060; May 19.
- Gardner, George D., San Jose, Calif. Can-filling machine. 2,055,075; Sept. 22.
- Gardner, George D., San Jose, Calif. Fruit cutting apparatus. 2,056,183; Oct. 6.
- Gardner, George D., assignor to H. E. Gray, San Jose, Calif. Coring knife. 2,031,766; Feb. 25.
- Gardner, George E., assignor to Indianapolis Wire Bound Box Company, Indianapolis, Ind. Collapsible wire bound box. 2,039,273; Apr. 28.
- Gardner, Henry A., Washington, D. C. Pigmented film-forming composition. 2,037,322; Apr. 14.
- Gardner, Henry A., Washington, D. C. Pigments and film-forming compositions containing the same. 2,037,323; Apr. 14.
- Gardner, Henry A., Washington, D. C. Composition containing a cellulose compound and a titanium salt of an aromatic polybasic acid. 2,038,836; Apr. 28.
- Gardner, Irvine C., Chevy Chase, Md. Photographic mapping. 2,037,017; Apr. 14.
- Gardner, Kirtland C., Coraopolis, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Method of and apparatus for making sheet metal. 2,062,875; Dec. 1.
- Gardner Machine Company. (See Gardner, Frederic E., assignor.)
- Gardner, Prince A., Jr., University City, Mo. Key case. 2,032,408; Mar. 3.
- Gardner-Richardson Company, The. (See Swan, Joseph H., 3d, assignor.)
- Gardner, Theodore J., and T. Cochoska, Chicago, assignors of one-tenth to B. L. MacGregor, LaGrange, Ill. Canning machine. 2,048,156; July 21.
- Gardner, William J., Fall River, Mass. Projecting camera for use in tracing designs. 2,053,073; Sept. 1.
- Gardner, William M., Drumbeller, Alberta, Canada. Automatic safety switch. 2,064,827; Dec. 22.
- Gardner, Willis W., Meriden, Conn. Gas meter. 2,045,641; June 30.
- Garrelli, Adalberto, Milan, Italy. Reciprocating engine. 2,042,043; May 26.
- Garrelli, Adalberto, Milan, Italy. Governor for reciprocating engines. 2,062,000; Nov. 24.
- Garesché, Claude F., South Orange, N. J., assignor to National Lead Company, New York, N. Y. Manufacture of metallic fume. 2,065,218; Dec. 22.
- Garfield, Lewis E. (See Scott, F. L., and Garfield.)
- Garfield, Lewis E., assignor to Hughes Tool Company, Houston, Tex. Removable core breaker. 2,064,255; Dec. 15.
- Garfield, Lewis E., and F. L. Scott, assignors to Hughes Tool Company, Houston, Tex. Roller bearing bit. 2,030,442; Feb. 11.
- Garfinkle, David, Alameda, Calif. Price tag holder. 2,032,533; Mar. 3.
- Gargan, John O., Brooklyn, and F. W. Young, Long Island City, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 2,046,020; June 30.
- Gargano, Frank J., and J. Nadler, Brooklyn, N. Y. Bottle stopper valve. 2,065,446; Dec. 22.
- Gargel, Karl. (See Guhl, H., Dori, and Gargel.)
- Garlick, Jew, assignor of forty per cent to R. Furlong, Paterson, N. J. Pneumatic shock absorbing vehicle frame. 2,032,873; Mar. 3.
- Garling, John, assignor to W. E. Pratt Mfg. Co., Joliet, Ill. Mouse trap. 2,052,345; Aug. 25.
- Garling, Karl E., assignor to Soda Straw Manufacturing Corporation, Newark, N. J. Paraffining machine. 2,032,570; Mar. 3.
- Garlock Packing Company, The. (See Hubbard, Cecil R., assignor.)
- Garman, George W., Maple Shade, N. J., and M. Moister, Philadelphia, Pa. Electric vacuum culinary appliance. 2,048,929; July 29.
- Garman, Hugh F., Detroit, Mich., and H. H. Woodruff, Cleveland, Ohio, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,056,395; Oct. 6.
- Garner, Ben, Sr. (See Knox, J. H., and Garner.)
- Garner, Joseph, Harrisburg, Pa. Electric fire alarm. 2,029,097; Jan. 28.
- Garnet, John E., Allentown, assignor of one-half to D. Willauer, Pottstown, Pa. Powder package and dispenser. 2,030,787; Feb. 11.
- Garnett, Henry J. (See Smith, W. S., Garnett, and Dean.)
- Garnier, Fernand, Gagny, France. Apparatus for increasing draft in furnaces and for purifying flue gases. 2,041,826; May 26.
- Garr, Ida I. (See Stultz, James D., assignor.)
- Garrard Engineering and Manufacturing Company Limited, The. (See Slater, Gilbert, assignor.)



- Garratt, Walter A., Covington, Ky. Variable speed power transmission. 2,036,624; Apr. 7.
- Garratt, Walter A., Covington, Ky. Transmission. 2,036,625; Apr. 7.
- Garratt, Walter A., Covington, Ky. Transmission. 2,036,626; Apr. 7.
- Garrett, Charles R., Collingswood, N. J., assignor to Radio Corporation of America. Selector mechanism for automatic tuning. 2,044,607; June 16.
- Garrett, Durland A., Boulder, Colo. Baking process. 2,061,149; Nov. 17.
- Garrett, Edward L., Zanesville, Ohio. Building construction. 2,052,346; Aug. 25.
- Garrison, Belford, Cape May Court House, N. J. Eye testing and recording apparatus. 2,029,228; Jan. 28.
- Garrison, Edward N., Brooklyn, N. Y. Paintbrush bridle. 2,027,771; Jan. 14.
- Garrison, Forrest C., assignor to The Oscar C. Rixson Co., Chicago, Ill. Door check and closer. 2,045,076; June 23.
- Garrison, George H., Delphi, Ind., assignor to Remington Arms Company, Inc. Firearm. 2,032,929; Mar. 3.
- Garrison, Harry A., Minneapolis, Minn. Rotary pump. 2,046,873; July 7.
- Garrison, Marion A., Alhambra, Calif. Booster. 2,031,828; Feb. 25.
- Garrison Tire Detecting System, Inc. (See Lindsey, William D., assignor.)
- Garrison, Wheeler H., et al. (See Ramsay, Horace E., assignor.)
- Garson, Thorvald N. (See Brown, Donald, assignor.)
- Garstang, William W. (See Comstock, J. A., and Garstang.)
- Garstang, William W., Indianapolis, Ind. Vibrator. 2,043,290; June 9.
- Garstang, William W., Indianapolis, Ind. Cartridge type vibrator. 2,043,746; June 9.
- Garstang, William W., assignor to Electronic Laboratories, Incorporated, Indianapolis, Ind. Vibrator and circuit. 2,035,875; Mar. 31.
- Garstang, William W., assignor to P. R. Mallory & Co., Incorporated, Indianapolis, Ind. Condenser. 2,042,044; May 26.
- Garthwaite, Samuel. (See Garthwaite, Samuel J., assignor.)
- Garthwaite, Samuel J., Catawissa, assignor of one-half to Samuel Garthwaite, Milton, Pa. Fur stretcher. 2,036,627; Apr. 7.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,030,981; Feb. 18.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Drilling apparatus. 2,039,310; May 5.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,039,311; May 5.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Pressure fluid motor. 2,040,842; May 19.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Pressure fluid motor. 2,040,843; May 19.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Pressure fluid motor. 2,040,844; May 19.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,047,125; July 7.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Pressure fluid motor. 2,051,839; Aug. 25.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,057,188; Oct. 13.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill mounting. 2,062,991; Dec. 1.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,062,992; Dec. 1.
- Gartner, Fred C., executors et al. (See Nebel, Ernst O., assignor.)
- Gartner, John, New York, N. Y., assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,048,064; July 21.
- Garubo, Joseph T., Cleveland, Ohio. Washing machine mechanism. 2,065,686; Dec. 29.
- Garvey, Edmond P., assignor to United American Bosch Corporation, Springfield, Mass. Radio receiving apparatus. 2,055,431; Sept. 22.
- Garvie, James, assignor to British Smoke Eliminator Limited, London, England. Smoke eliminating apparatus. 2,050,653; Aug. 11.
- Garvin, Herman, Indianapolis, Ind. Piston construction. 2,034,805; Mar. 24.
- Gar Wood Industries, Inc. (See Barrett, Edward R., assignor.)
- Garwood, Victor W., London, England, assignor, by mesne assignments, to American Sales Book Company, Inc. Autographic register. 2,063,670; Dec. 8.
- Gary, Wright W., Great Neck, N. Y. Treating hydrocarbon oil. 2,041,754; May 26.
- Gary, Wright W., Great Neck, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Treatment of hydrocarbon oil. 2,030,365; Feb. 11.
- Gary, Wright W., Great Neck, N. Y., and J. T. Ward, Westfield, assignors to Gasoline Products Company, Inc., Newark, N. J. Treatment of hydrocarbon oils. 2,045,458; June 23.
- Gas and Oil Lock Corporation, The. (See Young, Marvin S., assignor.)
- Gas Fuel Corporation. (See Russel, Robert H., assignor.)
- Gas Tool Patents Corporation. (See Boddinhouse, Emmons R., assignor.)
- Gash, Ellis T., Chicago, Ill. Sample and advertising file. 2,050,308; Aug. 11.
- Gash, Gordon, Balaclava, and C. M. Godby, Caulfield, Victoria, Australia. Horseshoe. 2,041,538; May 19.
- Gaskell, Joseph, St. Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Apparatus for cutting glass. 2,051,698; Aug. 18.
- Gaskell, Joseph, and J. B. Watt, St. Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Apparatus for cutting flat glass. 2,039,402; May 5.
- Gaskell, Joseph, St. Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Method of and apparatus for cutting wired glass. 2,058,307; Oct. 20.
- Gaskill, Alfred T. (See Geiger, W. J., and Gaskill.)
- Gasmold Sign Corporation. (See Piper, William B., assignor.)
- Gasolaire Corporation, The. (See Curioni, Aldo, assignor.)
- Gasoline Antioxidant Company. (See Ayers, George W., assignor.)
- Gasoline Antioxidant Company. (See Bennett, H. T., and Story, assignors.)
- Gasoline Antioxidant Company. (See Borden, Edmund G., assignor.)
- Gasoline Antioxidant Company. (See Downing, F. B., and Walker, assignors.)
- Gasoline Antioxidant Company. (See Elley, H. W., and Walker, assignors.)
- Gasoline Antioxidant Company. (See Hyman, J., and Auers, assignors.)
- Gasoline Antioxidant Company. (See McMullan, Edward W., assignor.)
- Gasoline Antioxidant Company. (See Rogers, T. H., and Voorhees, assignors.)
- Gasoline Energy Distributors Limited. (See Fee, Thomas A., Jr., assignor.)
- Gasoline Products Company. (See Atwell, Harold V., assignor.)
- Gasoline Products Company. (See Dimmig, Howard, assignor.)
- Gasoline Products Company. (See Gary, Wright W., assignor.)
- Gasoline Products Company. (See Gary, W. W., and Ward, assignors.)
- Gasoline Products Company. (See Hampton, Arthur C., assignor.)
- Gasoline Products Company. (See Hargrove, George C., assignor.)
- Gasoline Products Company. (See Keith, Percival C., Jr., assignor.)
- Gasoline Products Company. (See Pratt, Oliver G., assignor.)
- Gasoline Products Company. (See Sullivan, P. H., and Atwell, assignors.)
- Gasoline Products Company. (See Thomas, Donald L., assignor.)
- Gasoline Products Company, Inc. (See Ward, John T., assignor.)
- Gaspar, Béla, Berlin, Germany. Photographic material. 2,028,279; Jan. 21.
- Gáspár, Béla, Brussels, Belgium. Colored light-sensitive material and producing color pictures therewith. 2,041,827; May 26.
- Gaspar, Béla, Brussels, Belgium. Producing photographic dyestuff images. 2,042,253; May 26.
- Gaspar, Béla, Brussels, Belgium. Producing colored photographic materials. 2,046,067; June 30.
- Gaspar, Béla, Brussels, Belgium. Color-photographic bleach out dyestuff layers. 2,049,005; July 28.
- Gáspár, Béla, Brussels, Belgium. Producing colored photographic materials. 2,055,407; Sept. 22.
- Gaspar, Béla, Berlin-Schöneberg, Germany. Production of a colored sound film. 2,062,304; Dec. 1.
- Gas Purifying Materials Co. (See Keller, Theodore P., assignor.)
- Gassen, Josef, Dusseldorf-Oberkassel, assignor to Schloemann Aktiengesellschaft, Dusseldorf, Germany. Braking device for feeding means of pilgering mills. 2,032,277; Feb. 25.
- Gassen, Josef, assignor to Schloemann Aktiengesellschaft, Dusseldorf, Germany. Rolling mill. 2,038,783; Apr. 28.
- Gassen, Josef, assignor to Schloemann Aktiengesellschaft, Dusseldorf, Germany. Housing for rolling mills. 2,045,768; June 30.
- Gasser, Anton, Youngstown, Ohio. Grinding and packing device. 2,051,554; Aug. 18.
- Gasstrom, Herman M., Mount Vernon, N. Y. Lock. 2,055,197; Sept. 22.
- Gast, Richard. (See Schindhelm, H., Gast, and Fleischhauer.)
- Gastel, Maria H., Los Angeles, Calif. Candle. 2,058,584; Oct. 27.
- Gaston, A. D., et al. (See Bullum, Stephen, assignor.)
- Gaston, Donald H., Fort Wayne, Ind., assignor to General Electric Company. Refrigerator. 2,027,313; Jan. 7.
- Gaston, Donald H., Fort Wayne, Ind., assignor to General Electric Company. Retaining collar for food cabinets. 2,059,861; Nov. 3.
- Gaston, George H., Houston, Tex. Covering for seats or cushions. 2,041,919; May 26.



- Gastrich, Gustav, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Knitted fabric and preventing yarn strains therein. 2,032,476; Mar. 3.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Composite knitted garment. 2,035,876; Mar. 31.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Knitted fabric and hosiery produced therefrom. 2,042,149; May 26.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Surface exploring and thickness gauging device. 2,051,636; Aug. 18.
- Gastrich, Gustav, assignor, by mesne assignments, to Berkshire Knitting Mills, Wyomissing, Pa. Runproof fabric and making same. 2,055,457; Sept. 22.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Foot construction for full-fashioned hosiery. 2,055,458; Sept. 22.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Machine for reclaiming yarn from knitted fabric. 2,061,232; Nov. 17.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Reclaiming yarn from multiyarn knitted fabric. 2,061,233; Nov. 17.
- Gastrow, Hans, Zerbst in Anhalt, Germany. Control for die casting machines for plastic masses. 2,035,801; Mar. 31.
- Gastrow, Hans, Zerbst in Anhalt, assignor to Franz Braun Aktiengesellschaft, Zerbst, Germany. Heatable mass cylinder of die casting machines for plastic masses. 2,057,945; Oct. 20.
- Gates, Austin D. (See Langenhorst, F. A., and Gates.)
- Gates, Clarence S., assignor to The Allen Manufacturing Company, Hartford, Conn. Tool holder. 2,037,681; Apr. 14.
- Gates, Edwin B., assignor to The Atlas Mineral Products Company, Mertztown, Pa. Laying tile floors. 2,050,001; Aug. 4.
- Gates, Franklin Y., Salt Lake City, Utah. Window regulator. 2,066,034; Dec. 29.
- Gates, Glen M., Clark, Colo. Air conditioned cushion. 2,059,226; Nov. 3.
- Gates, Leroy G., Bakersfield, H. N. Herrick and O. A. Cavins, Berkeley, and W. R. Postlewaite, San Francisco, assignors to Standard Oil Company of California, San Francisco, Calif. Tool joint cut-off device. 2,041,061; May 19.
- Gates, Renfrew W., Gainesville, Fla. Egg case filler. 2,065,447; Dec. 22.
- Gates Rubber Company, The. (See Finney, John H. V., assignor.)
- Gates Rubber Company, The. (See Weber, Eugene H., assignor.)
- Gathmann, Emil, Baltimore, Md. Ingot mold. 2,047,098; July 7.
- Gathmann, Emil, Baltimore, Md. Ingot mold stool. 2,053,028; Sept. 1.
- Gathmann, Emil, Baltimore, Md. Ingot mold and stool assembly. 2,054,597; Sept. 15.
- Gatter, L. Stewart. (See Marantz, Israel H., assignor.)
- Gattoni, John, Union City, assignor to Seederer-Kohlbusch, Inc., Jersey City, N. J. Adjustable damping means for precision balance. 2,036,689; Apr. 7.
- Gattoni, John, Union City, assignor to Seederer-Kohlbusch, Inc., Jersey City, N. J. Precision balance. 2,053,074; Sept. 1.
- Gattoso, Salvatore, Ozone Park, N. Y. Plastic composition of matter. 2,036,574; Apr. 7.
- Gaty, John P., New York, N. Y. Variable compression system for internal combustion engines. 2,040,652; May 12.
- Gaty, John P., assignor to Fairchild Aerial Camera Corporation, Woodside, N. Y. Filter unit for cameras. 2,032,874; Mar. 3.
- Gaty, John P., Woodside, N. Y., assignor to Fairchild Aerial Camera Corporation. Ring sight. 2,049,496; Aug. 4.
- Gaty, John P., assignor to Fairchild Aerial Camera Corporation, Woodside, N. Y. Photographic enlarger. 2,061,192; Nov. 17.
- Gaubert, Rene J., Oakland, Calif. Wrapping machine. 2,060,986; Nov. 17.
- Gauden, Albert. (See Elser, Charles, assignor.)
- Gaudenzi, Arthur. (See Ehrensperger, C., Widmer, Gaudenzi, and Brunner.)
- Gauger, Frank A., Milwaukee, Wis. Snap valve. 2,032,053; Feb. 25.
- Gauger, Frank A., Milwaukee, Wis. Automatic valve. 2,051,294; Aug. 18.
- Gauger, Frank A., Milwaukee, Wis. Automatic valve and system of control therefor. 2,051,295; Aug. 18.
- Gauger, Frank A., Milwaukee, Wis., assignor to Geo. D. Roper Corporation, Rockford, Ill. Gas range and automatic lighter therefor. 2,048,065; July 21.
- Gaugler, Richard S., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,032,534; Mar. 3.
- Gaugler, Richard S., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,034,030; Mar. 17.
- Gaugler, Richard S., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,035,543; Mar. 31.
- Gauley Mountain Coal Company, The. (See Dalton, William T., assignor.)
- Gaultier, Maurice, Carrieres-sur-Seine, assignor to Delage & Cie, Paris, France. Valve spring arrangement. 2,041,539; May 19.
- Gauntner, Albert, Jr. (See Ciranni, J., and Gauntner.)
- Gauthier, Alfred B., New York, N. Y., assignor to Adverlite, Inc. Aerial Projection. 2,055,217; Sept. 22.
- Gauthier, Emile N., Rumford, Maine. Machine for unsealing can tops. 2,028,202; Jan. 21.
- Gautier, Trevor R., assignor to Nashua Gummed & Coated Paper Company, Nashua, N. H. Rendering flexible strip material adhesive. 2,035,376; Mar. 24.
- Gavin, Beauford E., Indianapolis, Ind., assignor, by mesne assignments, to S. R. Dresser Manufacturing Company, Bradford, Pa. Pipe clamp. 2,059,573; Nov. 3.
- Gavin, Gordon P., Kohler, Wis. Water closet bowl. 2,044,243; June 16.
- Gavin, Richard S., Bayonne, N. J. Film reel. 2,065,575; Dec. 29.
- Gavlak, Martin, Jr., Wallington, N. J. Ammunition. 2,056,098; Sept. 29.
- Gavoret Georges & Cie. (See Brustlein, Jean, assignor.)
- Gay, Norman H., Los Angeles, Calif. Purging and rectifying oil in refrigerator systems. 2,042,394; May 26.
- Gay, Norman H., Los Angeles, Calif. Vapor condensing and liquid cooling apparatus. 2,046,554; July 7.
- Gay, Norman N., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Emulsifiable oil product and making the same. 2,036,470; Apr. 7.
- Gayer, Frederick H., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Production of alkyl halogen compounds. 2,033,374; Mar. 10.
- Gaylord Bros., Inc. (See Locke, Joseph, assignor.)
- Gaylord, Laurence T., Upper Montclair, N. J. Cutter for dredges. 2,040,303; May 12.
- Gaylord, Robert, Incorporated. (See George, Walter C., assignor.)
- Gaylord, Robert, Incorporated. (See Whalley, George E., assignor.)
- Gaynor, Arthur C., Stamford, Conn. Electric switch. 2,050,698; Aug. 11.
- Gaynor, John J., Delphi, Ind., assignor of one-half to Arthur I. Risser, Chicago, Ill. Container feeding mechanism. 2,033,628; Mar. 10.
- Gayola Novelty Company. (See O'Donnell, Edward P., assignor.)
- Gazda, Leopoldine, Neuilly-sur-Seine, France. Heating device. 2,033,517; Mar. 10.
- Gazelle, Michel S., Detroit, Mich. Electric water heater. 2,032,125; Feb. 25.
- Gazette, Marshall E. (See Boothby, A. M., and Gazette.)
- Gazette, Marshall E., assignor to Boothby Fibre Can Company, Boston, Mass. Container made of paper and making such container. 2,037,777; Apr. 21.
- Gazulla, Victoriano, Sagrera, Barcelona, and D. Aguelo, Barcelona, Spain. Electric safety mechanism for cinematographs. 2,032,930; Mar. 3.
- Gear Grinding Company Limited, The. (See Orcutt, Arthur H., assignor.)
- Gear Grinding Company, The. (See Orcutt, Arthur H., assignor.)
- Gearder, Herbert M., and C. W. Becker, Chicago, Ill., assignors to Wilson & Co., Inc. Air filter. 2,062,090; Nov. 24.
- Geare, Randolph E. S., Philadelphia, assignor to L. H. Gilmer Co., Lacony, Philadelphia, Pa. V-belt. 2,066,266; Dec. 29.
- Gearhart, Franklin B., and F. A. Steele, Palmerton, Pa., assignor to The New Jersey Zinc Company. Zinc oxide. 2,065,687; Dec. 29.
- Gearin, Harold J., Portland, Oreg. Cigarette lifting means for cigarette packs. 2,055,789; Sept. 29.
- Geary, William S., Dallas, Tex. Automatic rod line adjuster. 2,063,802; Dec. 8.
- Gebauer Chemical Company, The. (See Benner, James J., assignor.)
- Gebauer-Fuelnegg, Erich. (See Kratz, E. M., and Gebauer-Fuelnegg.)
- Gebauer, Walter, assignor to the firm A. G. Vorn-Seidel & Naumann, Dresden, Germany. Key lever mounting for typewriting machines. 2,059,574; Nov. 3.
- Gebhard, Louis A., Washington, D. C. System of amplification of alternating current. 2,029,316; Feb. 4.
- Gebhard, Louis A., Washington, D. C. High frequency oscillator. 2,042,242; June 9.
- Gebhard, Louis A., Washington, D. C. High power tube. 2,047,959; July 21.
- Gebhard, Louis A., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Electromechanical oscillator circuit. 2,031,767; Feb. 25.
- Gebhard, Louis A., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Electromechanical oscillator circuit. 2,031,768; Feb. 25.
- Gebhardt, George J., Indianapolis, Ind. Closure for containers. 2,051,138; Aug. 18.
- Gebhardt, John H., Mount Ayr, Iowa. Colter guard. 2,050,943; Aug. 11.
- Gebhardt, Otto, New York, N. Y. Garment hanger. 2,056,047; Sept. 29.
- Gebr. Eickhoff, Maschinenfabrik und Eisengiesserei. (See Cremer, Hans, assignor.)
- Gebr. Staubli & Co., Horgen. (See Staubli, Hugo, assignor.)
- Gebruder Brehmer. (See Klemm, Rudolf, assignor.)
- Gebrueder Eickhoff, Maschinenfabrik und Eisengiesserei. (See Appelberg, Friedrich, assignor.)



- Gedde, Andrew A. (See Constantine, A. R., and Gedde.)
- Gedris, William A., Grand Rapids, Mich. Upholstery for seat backs. 2,031,883; Feb. 25.
- Gee, Frank. (See Brownsdon, H. W., Gee, and Wagstaff.)
- Gee Pump Company Limited, The. (See Gee, William J., assignor.)
- Gee, William J., assignor to The Gee Pump Company Limited, London, England. Pump. 2,049,391; July 28.
- Gee, William J., assignor to The Gee Pump Company, Limited, London, England. Lubricating pump. 2,061,422; Nov. 17.
- Geack, William, New Orleans, La. Jacking device for motor vehicles. 2,038,485; Apr. 21.
- Geer, Charles D. (See Haugh, H. A., Jr., Geer, and Stirlen.)
- Geer, Charles D. (See Stirlen, E. D., and Geer, assignors.)
- Geer, Harrie S., Watervliet, N. Y. Garment hanger. 2,045,848; June 30.
- Geer, Harry R., Westmont, Pa., assignor to Bethlehem Steel Company. Apparatus for making welding electrodes. 2,063,497; Dec. 8.
- Geer, Paul L., assignor to Amco, Incorporated, Pittsburgh, Pa. Vertical glass annealing leer. 2,026,781; Jan. 7.
- Geer, Paul L., Bellevue, assignor to Amco Incorporated, Pittsburgh, Pa. Method of and apparatus for melting glass. 2,039,955; May 5.
- Geer, Paul L., Bellevue, assignor to Amco, Incorporated, Pittsburgh, Pa. Recuperator structure. 2,061,376; Nov. 17.
- Geer, William C., Ithaca, N. Y. Color stabilization of rubber surfaces. 2,035,062; Mar. 24.
- Geerlings, Gerald K., Cynwyd, Pa. Container. 2,035,877; Mar. 31.
- Geerlings, Gerald K., Cynwyd, Pa. Wrapped package and forming the same. 2,047,625; July 14.
- Geertz, Eric. (See Dull, R. W., and Geertz.)
- Geffcken, Heinrich, and H. Richter, Leipzig, Germany, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Photoelectric tube. 2,031,102; Feb. 18.
- Geffcken, Heinrich H., and H. R. Richter, Leipzig, Germany. Photoelectric tube. 2,055,487; Sept. 29.
- Geffcken, Heinrich H., and H. R. Richter, Leipzig, Germany, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrical control circuit. 2,045,769; June 30.
- Geffcken, Heinrich H., and H. R. Richter, Leipzig, Germany, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Light sensitive apparatus. 2,048,740; July 28.
- Geffcken, Heinrich H., and H. R. Richter, Leipzig, Germany, assignors, by mesne assignments, to Radio Corporation of America. Gas discharge relay. 2,049,647; Aug. 4.
- Geffcken, Heinrich H., and H. R. Richter, Leipzig, Germany, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Vacuum tube system. 2,058,011; Oct. 20.
- Geffcken, Herrmann H., and R. H. Richter, Leipzig, Germany, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Method of and device for producing sanitary, hygienic, and chemical effects. 2,035,878; Mar. 31.
- Gegenheimer, William, Baldwin, assignor to Willard Manufacturing Corporation, New York, N. Y. Gripper mechanism for printing presses. 2,056,922; Oct. 6.
- Gehman, Samuel D., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Wax-like composition. 2,050,209; Aug. 4.
- Gehrand, Clarence E., and C. H. Larson, Elkhart, Ind., assignors to The Adlake Company. Mercury switch. 2,060,812; Nov. 17.
- Gehrandt, Gustav R., Evanston, Ill. Cylinder scavenging of internal combustion engines. 2,034,093; Mar. 17.
- Gehres, Hewitt A., assignor to Cooper-Bessemer Corporation, Mt. Vernon, Ohio. Wrist pin bearing construction. 2,027,035; Jan. 7.
- Gehres, Hewitt A., assignor to Cooper-Bessemer Corporation, Mount Vernon, Ohio. Port valve and pump construction for internal combustion engines. 2,065,688; Dec. 29.
- Gehrke, Max. (See Schwenk, E., and Gehrke.)
- Gehrke, Wilhelm, and Georg Strohmenger, Munich, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Device for obturating multicolor filters. 2,041,465; May 19.
- Geib, Nicholas V., assignor to Geib & Schaefer Co., Chicago, Ill. Carrying case for musical instruments. 2,051,993; Aug. 25.
- Geib, Robert L., Los Angeles, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Suspended platform. 2,057,092; Oct. 13.
- Geib, Robert U., Jr., Edgewood, Pa. Apparatus for processing metal workpieces. 2,040,474; May 12.
- Geib, Robert U., Jr., Edgewood, Pa. Apparatus for processing tubular metal workpieces. 2,040,475; May 12.
- Geib, Robert U., Jr., Edgewood, Pa. Apparatus for processing metal workpieces. 2,040,476; May 12.
- Geib, Robert U., Jr., Edgewood, Pa. Apparatus for processing tubular metal workpieces. 2,040,477; May 12.
- Geib & Schaefer Co. (See Geib, Nicholas V., assignor.)
- Geibel, John F., assignor to Master Metal Products, Inc., Buffalo, N. Y. Garbage can. 2,046,777; July 7.
- Geibig, Frank C. (See Bucknam, J. H., and Geibig.)
- Geidner, Wilhelm, Kempten-Allgaeu, Germany. Holder for yarn spools and the like. 2,062,648; Dec. 1.
- Geier, P. A., Company, The. (See Martinet, Eugene F., assignor.)
- Geiger, Albert L., Davenport, assignor to The Micro Corporation, Bettendorf, Iowa. Blade frame assembly. 2,033,700; Mar. 10.
- Geiger, Charles F., Metuchen, and W. C. Kempf, Raritan Township, Middlesex County, N. J., assignors to The Carborundum Company, Niagara Falls, N. Y. Kiln setter for rearing of table wear. 2,027,585; Jan. 14.
- Geiger, Ernst, Irvington, N. J. Electrical control mechanism. 2,043,699; June 9.
- Geiger, Frederick, Drexel Hill, assignor to Wall & Ochs, Philadelphia, Pa. Chart display apparatus. 2,026,881; Jan. 7.
- Geiger, Luther E. (See Matter, J. K., and Geiger.)
- Geiger, Walter J., Cleveland Heights, and A. T. Gaskill, Cleveland, Ohio, assignors to General Electric Company. Electric lamp and mounting therefore. 2,034,512; Mar. 17.
- Geiger, Walter J., Cleveland Heights, and A. T. Gaskill, Cleveland, Ohio, assignors to General Electric Company. Base for incandescent lamps and similar devices. 2,047,023; July 7.
- Geiger, Walter J., Cleveland Heights, and A. T. Gaskill, Cleveland, Ohio, assignors to General Electric Company. Electric lamp and mounting therefor. 2,063,090; Dec. 8.
- Geigy, J. R., A. G. (See Bosshart, J., and Dobler, assignors.)
- Geigy, J. R., A. G. (See Conzetti, Achille, assignor.)
- Geigy, J. R., A. G. (See Feldmann, Jacques, assignor.)
- Geigy, J. R., A. G. (See Krebsner, Adolf, assignor.)
- Geigy, J. R., S. A. (See Senn, Emil, assignor.)
- Geigy, Wilhelm. (See Graenacher, C., Ackermann, Landolt, and Geigy.)
- Geil, Erich, Oberursel, near Frankfurt-on-the-Main, and H. Ebert, Frankfurt-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Aeronautical propeller. 2,046,817; July 7.
- Geiselman, Ralph A., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,036,268; Apr. 7.
- Geiser, Joseph F., Providence, R. I. Combined fuel injection pump and nozzle for internal combustion engines. 2,052,459; Aug. 25.
- Geisler, Ottmar, Nuremberg, Germany, assignor to Western Electric Company, Incorporated, New York, N. Y. Solid rectifying element. 2,030,443; Feb. 11.
- Geisler, Walter. (See Osswald, P., and Geisler.)
- Geisse, John H., Madison, Wis. Electrical apparatus. 2,041,125; May 19.
- Geissler, Ernst, Brooklyn, N. Y. Safety razor. 2,052,395; Aug. 25.
- Geisslinger, John, Jamaica, assignor to Die Cast & Forge Corporation, New York, N. Y. Fuse-plug type circuit breaker. 2,057,093; Oct. 13.
- Geissman, Theodore A. (See Kuentzel, W. E., and Geissman.)
- Geist, Henry C., Waynesboro, Pa. Work gripping mechanism. 2,032,535; Mar. 3.
- Geist, Henry C., Waynesboro, Pa. Automatic work feeding and reversing mechanism. 2,048,331; July 21.
- Geistert, Albert G. (See Geistert, Edward C. W., and A. G.)
- Geistert, Edward C. W., Grand Rapids, and A. G. Geistert, Detroit, Mich. Display device. 2,054,698; Sept. 15.
- Geistlinger, Edward, Peekskill, N. Y. Valve for nursing bottles. 2,061,397; Nov. 17.
- Geldhof, Peter E., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Clutch. 2,056,666; Oct. 6.
- Gelbman, Louis, Yonkers, N. Y. Brake for foot steered vehicles. 2,028,445; Jan. 21.
- Gelbman, Louis, Yonkers, N. Y. Concrete block machine. 2,029,365; Feb. 4.
- Gelbman, Louis, Yonkers, N. Y. Snow plane and scooter plane. 2,043,374; June 9.
- Geldhof, Peter E., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Hand control wringer. 2,049,056; July 28.
- Geldhof, Peter E., and F. A. Conterman, assignors to Easy Washing Machine Corporation, Syracuse, N. Y. Extractor for washing machines. 2,049,057; July 28.
- Gelinsky, Ernst, Berlin, Germany. Chest for surgical bandages in strip-form. 2,065,370; Dec. 22.
- Gellius, Siegfried. (See Lingz, A., and Gellius.)
- Gelizo, Felix S., G. C. Rodriguez, and R. Suarez de Deza Zapata, Madrid, Spain. Apparatus for effecting hypodermic injections. 2,028,446; Jan. 21.
- Gelleff, Arthur A., Isleworth, England. Device for cutting or trimming wallpaper and the like. 2,044,426; June 16.
- Gellendien, Walter, Berlin-Charlottenburg, and J. Eggert, Berlin, assignors to Deutsche Hydrierwerke Aktiengesellschaft, Charlottenburg, Germany. Gelatine solutions. 2,048,499; July 21.
- Geller, Hugo, assignor to Patchogue-Plymouth Mills Corporation, New York, N. Y. Curtain. 2,054,051; Sept. 8.
- Geller, Roscoe G., Owego, assignor to Stakmore Co., Inc., New York, N. Y. Folding chair. 2,044,473; June 16.
- Gelnaw, John F., Cleveland, Ohio. Electric motor. 2,056,719; Oct. 6.



Gelpke, Kurt, Berlin, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,060,191; Nov. 10.

Gelstharp, Frederick, Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Barium crown glass. 2,038,726; Apr. 28.

Gelstharp, Frederick, Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double glazed window. 2,062,747; Dec. 1.

Gelstharp, Frederick, Tarentum, and J. H. Fox, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company. Apparatus for making flat glass. 2,032,009; Feb. 25.

Gelstharp, Frederick, and J. C. Parkinson, Tarentum, Pa., assignors to Pittsburgh Plate Glass Company. Double glazed window. 2,064,530; Dec. 15.

Gély, André, Paris, France. Cock with rotary continuous distributor for machines to fill bottles with liquid under pressure. 2,045,077; June 23.

Gem Hammock and Fly Net Company. (See Kootz, Arthur C., assignor.)

Gemberling, Cameron H. (See Altgelt, R. J., and Gemberling.)

Gemeny, Blaine B., Washington, D. C., assignor of one-third to E. D. Crammond, Washington, D. C. Automatic variable pitch propeller. 2,030,953; Feb. 18.

Gemex Company. (See Prestinari, Eugen, assignor.)

Gemloid Corporation. (See Frank, Joseph, assignor.)

Gemmell, Robert W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,053,428; Sept. 8.

Gemmer Manufacturing Company. (See Marles, Henry, assignor.)

Gemmer Manufacturing Company. (See Pulleyblank, Harper E., assignor.)

Gemmer, Ralph W. (See Blau, L. W., and Gemmer.)

Genecand, Félix, assignor to Tricouni Société Anonyme, Geneva, Switzerland. Metal protector for footwear or the hoofs of animals. 2,064,531; Dec. 15.

General Abrasive Company. (See Sandorff, Alfred J., assignor.)

General American Tank Car Corporation. (See Pierce, Raymond C., assignor.)

General Aniline Works, Inc. (See Aickelin, Hans, assignor.)

General Aniline Works, Inc. (See Angermueller, Herman P., assignor.)

General Aniline Works, Inc. (See Ballauf, Fritz, assignor.)

General Aniline Works, Inc. (See Benade, Walther, assignor.)

General Aniline Works, Inc. (See Bergdolt, Ossenbeck, Tietze and Gund, assignors.)

General Aniline Works, Inc. (See Berthold, Hermann, assignor.)

General Aniline Works, Inc. (See Brodersen, K., Behncke, and Korten, assignors.)

General Aniline Works, Inc. (See Bruck, Walter, assignor.)

General Aniline Works, Inc. (See Clingenstein, H., Petzold, and Hauck, assignors.)

General Aniline Works, Inc. (See Clingenstein, H., Roos, and Heusner, assignors.)

General Aniline Works, Inc. (See Corell, Martin, assignor.)

General Aniline Works, Inc. (See Corell, M., and Vollmann, assignors.)

General Aniline Works, Inc. (See Delfs, Detlef, assignor.)

General Aniline Works, Inc. (See Delfs, D., Knoche, Messmer, and Clingenstein, assignors.)

General Aniline Works, Inc. (See Diefenbach, E., and Fischer, assignors.)

General Aniline Works, Inc. (See Drapal, Othmar, assignor.)

General Aniline Works, Inc. (See Eckelmann, A., and Koch, assignors.)

General Aniline Works, Inc. (See Eistert, B., Krzikalla, and von Rosenberg, assignors.)

General Aniline Works, Inc. (See Eckert, W., and Braunsdorf, assignors.)

General Aniline Works, Inc. (See Eckert, W., and Sieber, assignors.)

General Aniline Works, Inc. (See Fischer, Erich, assignor.)

General Aniline Works, Inc. (See Fischer, Ernst, assignor.)

General Aniline Works, Inc. (See Fleischhauer, Richard, assignor.)

General Aniline Works, Inc. (See Glietenberg, Eugen, assignor.)

General Aniline Works, Inc. (See Greune, Heinrich, assignor.)

General Aniline Works, Inc. (See Grotowsky, Hans, assignor.)

General Aniline Works, Inc. (See Hagenböcker, A., and Brune, assignors.)

General Aniline Works, Inc. (See Hagge, Walter, assignor.)

General Aniline Works, Inc. (See Hagge, W., and Haagen, assignors.)

General Aniline Works, Inc. (See Haller, O., and Morschel, assignors.)

General Aniline Works, Inc. (See Hentrich, W., Keppler, and Hintzmann, assignors.)

General Aniline Works, Inc. (See Herdieckerhoff, E., and Tschunkur, assignors.)

General Aniline Works, Inc. (See Herz, R., and Brunner, assignors.)

General Aniline Works, Inc. (See Hilger, J., Ossenbeck, and Tietze, assignors.)

General Aniline Works, Inc. (See Hoffa, E., and Müller, assignors.)

General Aniline Works, Inc. (See Honold, E., and Müller, assignors.)

General Aniline Works, Inc. (See Hotz, E., and W. Luce, assignors.)

General Aniline Works, Inc. (See Kemmerich, William E., assignor.)

General Aniline Works, Inc. (See Koch, W., and Winkler, assignors.)

General Aniline Works, Inc. (See Koeberle, Karl, assignor.)

General Aniline Works, Inc. (See Koeberl, K., Steigerwald, and Schweizer, assignors.)

General Aniline Works, Inc. (See Koeberle, K., Wolff, and Krauch, assignors.)

General Aniline Works, Inc. (See Kränzlein, G., Schlichenmaier, and Schörnig, assignors.)

General Aniline Works, Inc. (See Krauss, C., and Hagenböcker, assignors.)

General Aniline Works, Inc. (See Krauss, K., and Hagenböcker, assignors.)

General Aniline Works, Inc. (See Krzikalla, H., and Eistert, assignors.)

General Aniline Works, Inc. (See Krzikalla, H., and Kuehne, assignors.)

General Aniline Works, Inc. (See Krzikalla, H., and Limbacher, assignors.)

General Aniline Works, Inc. (See Kunz, M. A., Kochendoerfer, and Koeberle, assignors.)

General Aniline Works, Inc. (See Kunz, M. A., and Koeberle, assignors.)

General Aniline Works, Inc. (See Kunz, M. A., Koeberle, and Kochendoerfer, assignors.)

General Aniline Works, Inc. (See Kunz, M. A., Koeberle and Schlichting, assignors.)

General Aniline Works, Inc. (See Kunz, M. A., Krzikalla, and Limbacher, assignors.)

General Aniline Works, Inc. (See Lange, Fritz, assignor.)

General Aniline Works, Inc. (See Lange, H., and Helberger, assignor.)

General Aniline Works, Inc. (See Lange, W., and Dreyer, assignors.)

General Aniline Works, Inc. (See Laska, L., and Haller, assignors.)

General Aniline Works, Inc. (See Laska, L., and Heil, assignors.)

General Aniline Works, Inc. (See Laska, L., and Zitscher, assignors.)

General Aniline Works, Inc. (See Laska, L., Zitscher, and Seidenfaden, assignors.)

General Aniline Works, Inc. (See Limpach, O., and Hager, assignors.)

General Aniline Works, Inc. (See Morschel, Heinrich, assignor.)

General Aniline Works, Inc. (See Mueller, Joachim, assignor.)

General Aniline Works, Inc. (See Muench, E., and Wimmer, assignors.)

General Aniline Works, Inc. (See Münz, F., and Bayer, assignors.)

General Aniline Works, Inc. (See Münz, F., and Keller, assignors.)

General Aniline Works, Inc. (See Muth, Friedrich, assignor.)

General Aniline Works, Inc. (See Nawiasky, P., and Berthold, assignors.)

General Aniline Works, Inc. (See Nawiasky, P., and Eichholz, assignors.)

General Aniline Works, Inc. (See Nawiasky, P., and Robl, assignors.)

General Aniline Works, Inc. (See Nawiasky, P., Stein, Berthold, and Zell, assignors.)

General Aniline Works, Inc. (See Nawiasky, P. Stein, and Zell, assignors.)

General Aniline Works, Inc. (See Nawiasky, P., Zell, and Kuehne, assignors.)

General Aniline Works, Inc. (See Neelmeier, W., Meiser, Goll, and Morschel, assignors.)

General Aniline Works, Inc. (See Neelmeier, W., and Morschel, assignors.)

General Aniline Works, Inc. (See Neelmeier, W., Morschel, and Goll, assignors.)

General Aniline Works, Inc. (See Nicodemus, O., and Schmidt, assignors.)

General Aniline Works, Inc. (See Niemann, Georg, assignor.)

General Aniline Works, Inc. (See Parker, C. S. Wall, and Farrington, assignors.)

General Aniline Works, Inc. (See Petrus-Blumberger, José S., assignor.)

General Aniline Works, Inc. (See Raack, Max, assignor.)

General Aniline Works, Inc. (See Raack, M., and Thurm, assignors.)

General Aniline Works, Inc. (See Reddelien, G., and Ohlendorf, assignors.)

General Aniline Works, Inc. (See Reindel, H., and Krzikalla, assignors.)



- General Aniline Works, Inc. (See Reindel, H., Krzikalla, and Limbacher, assignors.)  
 General Aniline Works Inc. (See Rieche, Alfred, assignor.)  
 General Aniline Works, Inc. (See Rittinghausen, C. M., and Haynn, assignors.)  
 General Aniline Works, Inc. (See Rohrbach, Hermann, assignor.)  
 General Aniline Works, Inc. (See Roos, Hans, assignor.)  
 General Aniline Works, Inc. (See Scheyer, H., and Schwamberger, assignors.)  
 General Aniline Works, Inc. (See Schick, P., and Bansa, assignors.)  
 General Aniline Works, Inc. (See Schindhelm, Hans, assignor.)  
 General Aniline Works, Inc. (See Schindhelm, H., Gast, and Fleischhauer, assignors.)  
 General Aniline Works, Inc. (See Schindhelm, H., and Schultis, assignors.)  
 General Aniline Works, Inc. (See Schirmacher, K., Schaich, Wolfram, Tampke, Billig, and Schirmacher.)  
 General Aniline Works, Inc. (See Schladebach, H., and Hähle, assignors.)  
 General Aniline Works, Inc. (See Schlichting, O., and Koeberle, assignors.)  
 General Aniline Works, Inc. (See Schmelzer, Albert, assignor.)  
 General Aniline Works, Inc. (See Schmelser, A., and Schuster, assignors.)  
 General Aniline Works, Inc. (See Schnitzspahn, Karl, assignor.)  
 General Aniline Works, Inc. (See Schoeller, Conrad, assignor.)  
 General Aniline Works, Inc. (See Schrader, G., and Zerweck, assignors.)  
 General Aniline Works, Inc. (See Schweitzer, Hugo, assignor.)  
 General Aniline Works, Inc. (See Siefert, F., and Kaemmerer, assignors.)  
 General Aniline Works, Inc. (See Steindorff, A., Lange, and Horst, assignors.)  
 General Aniline Works, Inc. (See Stenger, K., and Müller, assignors.)  
 General Aniline Works, Inc. (See Stüsser, Richard, assignor.)  
 General Aniline Works, Inc. (See Taube, Carl, assignor.)  
 General Aniline Works, Inc. (See Taube, C. and Hilger, assignors.)  
 General Aniline Works, Inc. (See Taube, C., and Tietze, assignors.)  
 General Aniline Works, Inc. (See Tischbein, Willy, assignor.)  
 General Aniline Works, Inc. (See Vollmann, H., and Becker, assignors.)  
 General Aniline Works, Inc. (See Wahl, Ottmar, assignor.)  
 General Aniline Works, Inc. (See Wahl, O., Teupel, and Schmidt, assignors.)  
 General Aniline Works, Inc. (See Weinand, Klaus, assignor.)  
 General Aniline Works, Inc. (See Weinand, K., and Klackbrenner, assignors.)  
 General Aniline Works, Inc. (See Wiedemann, K., Clingstein, Krzikalla, and Kuehne, assignors.)  
 General Aniline Works, Inc. (See Wizinger, Robert, assignor.)  
 General Aniline Works, Inc. (See Wolff, Paul, assignor.)  
 General Aniline Works, Inc. (See Wolff, P., and Werner, assignors.)  
 General Aniline Works, Inc. (See Wolfram, A., and Hausdörfer, assignors.)  
 General Aniline Works, Inc. (See Zabel, Max, assignor.)  
 General Aniline Works, Inc. (See Zahn, K., and Koch, assignors.)  
 General Aniline Works, Inc. (See Zahn, K., Koch, and Weinand, assignors.)  
 General Aniline Works, Inc. (See Zahn, K., Schimmelschmidt, and Koch, assignors.)  
 General Aniline Works, Inc. (See Zerweck, Werner, assignor.)  
 General Aniline Works, Inc. (See Zerweck, W., and Honold, assignors.)  
 General Aniline Works, Inc. (See Zitscher, Arthur, assignor.)  
 General Aniline Works, Inc. (See Zitscher, A., and Seidenfaden, assignors.)  
 General Auto Parts Corporation. (See Rockwell, Edward A., assignor.)  
 General Bronze Corporation. (See Peremi, E., and Kish, assignors.)  
 General Cable Corporation. (See Aken, James N., assignor.)  
 General Cable Corporation. (See Atkinson, Ralph W., assignor.)  
 General Cable Corporation. (See Atkinson, R. W., and Hagen, assignors.)  
 General Cable Corporation. (See Palmer, Dwight R. G., assignor.)  
 General Cable Corporation. (See Pettee, Allen D., assignor.)  
 General Cable Corporation. (See Schatzel, Rudolph A., assignor.)  
 General Cable Corporation. (See Watson, Arthur S., assignor.)  
 General Cap Co., Inc. (See Knowles, Williams H., assignor.)  
 General Chemical Company. (See Carter, Bernard M., assignor.)  
 General Chemical Company. (See Carter, B. M., and Merriam, assignors.)  
 General Chemical Company. (See Cordy, H. J., and Burgoyne, assignors.)  
 General Chemical Company. (See Fowler, Theodore V., Jr., assignor.)  
 General Chemical Company. (See Fowler, T. V., Jr., Harkness, Merriam, and Carter, assignors.)  
 General Chemical Company. (See Gallagher, C. A., and Allen, assignors.)  
 General Chemical Company. (See Harkness, Andrew M., assignor.)  
 General Chemical Company. (See Harkness, A. M., and Iddings, assignors.)  
 General Chemical Company. (See Iddings, Carl, assignor.)  
 General Chemical Company. (See Ingraham, Harold O. C., assignor.)  
 General Chemical Company. (See Jenks, Leon E., assignor.)  
 General Chemical Company. (See Joseph, Henry, assignor.)  
 General Chemical Company. (See Levermore, Charles L., assignor.)  
 General Chemical Company. (See Merriam, Henry F., assignor.)  
 General Chemical Company. (See Preisman, Louis, assignor.)  
 General Chemical Company. (See Silsby, Charles F., assignor.)  
 General Chemical Company. (See Simpson, George S., assignor.)  
 General Chemical Company. (See Taylor, George E., assignor.)  
 General Chemical Company. (See Tiley, George E., assignor.)  
 General Chemical Company. (See Tyson, Paul L., assignor.)  
 General Chemical Company. (See Vivian, Robert E., assignor.)  
 General Chemical Company. (See Wollner, Herbert J., assignor.)  
 General Chemical Company. (See Wollner, H. J., and Shinn, assignors.)  
 General Chemical Company. (See Wysor, Davidson C., assignor.)  
 General Coating Company, The. (See Ward, Julian P., assignor.)  
 General Communications Laboratories, Inc. (See Lent, Worthington C., assignor.)  
 General Controls Company. (See Ray, William A., assignor.)  
 General Conveyors Limited. (See Mann, Walter J., assignor.)  
 General Conveyors Limited. (See Needham, John T., assignor.)  
 General Conveyors Limited. (See Needham, J. T., and Mann, assignors.)  
 General Door Company. (See Brunst, William M., assignor.)  
 General Electric Company. (See Abbott, Charles C., assignor.)  
 General Electric Company. (See Abbott, T. A., and Sinks, assignors.)  
 General Electric Company. (See Acheson, Marcus A., assignor.)  
 General Electric Company. (See Adams, Roy L., assignor.)  
 General Electric Company. (See Aigner, Viktor, assignor.)  
 General Electric Company. (See Akrenburgh, Weber H., assignor.)  
 General Electric Company. (See Alexander, Peter P., assignor.)  
 General Electric Company. (See Alexanderson, Ernst F. W., assignor.)  
 General Electric Company. (See Alger, Philip L., assignor.)  
 General Electric Company. (See Amillac, Albert, assignor.)  
 General Electric Company. (See Anderson, Arvid E., assignor.)  
 General Electric Company. (See Arey, Ralph G., assignor.)  
 General Electric Company. (See Atchison, Leonard W., assignor.)  
 General Electric Company. (See Atwood, Winfield A., assignor.)  
 General Electric Company. (See Bany, Herman, assignor.)  
 General Electric Company. (See Bany, H., and Slinger, assignors.)  
 General Electric Company. (See Baumann, Karl, assignor.)  
 General Electric Company. (See Becker, Howard L., assignor.)  
 General Electric Company. (See Becker, Karl, assignor.)  
 General Electric Company. (See Becker, K., Schröter, and Wolff, assignors.)  
 General Electric Company. (See Beggs, James E., assignor.)



- General Electric Company. (See Bell, Howard H., assignor.)  
 General Electric Company. (See Benford, Frank A., assignor.)  
 General Electric Company. (See Bennett, Ralph S., assignor.)  
 General Electric Company. (See Bentley, Jetson O., assignor.)  
 General Electric Company. (See Bergman, Sven R., assignor.)  
 General Electric Company. (See Bergmans, Jan, assignor.)  
 General Electric Company. (See Berry, Robert U., assignor.)  
 General Electric Company. (See Biermanns, Josef, assignor.)  
 General Electric Company. (See Biggs, Leonard R., assignor.)  
 General Electric Company. (See Bixler, Harley H., assignor.)  
 General Electric Company. (See Blok, Lourens, assignor.)  
 General Electric Company. (See Blume, Louis F., assignor.)  
 General Electric Company. (See Boddy, E. H., and Vars, assignors.)  
 General Electric Company. (See Bol, Cornelis, assignor.)  
 General Electric Company. (See Bol, C., de Groot, and Druyvesteyn, assignors.)  
 General Electric Company. (See Bol, C., and Klinkhamer, assignors.)  
 General Electric Company. (See Boyajian, Aram, assignor.)  
 General Electric Company. (See Bradford, Arthur J., assignor.)  
 General Electric Company. (See Bredtschneider, Hans, assignor.)  
 General Electric Company. (See Brody, E., and Millner, assignors.)  
 General Electric Company. (See Brown, Charles R., assignor.)  
 General Electric Company. (See Brown, C. A., and Hahn, assignors.)  
 General Electric Company. (See Brown, George R., assignor.)  
 General Electric Company. (See Brown, Harold W., assignor.)  
 General Electric Company. (See Brown, William W., assignor.)  
 General Electric Company. (See Brückel, Waldemar, assignor.)  
 General Electric Company. (See Brucker, George W., assignor.)  
 General Electric Company. (See Buell, Roy C., assignor.)  
 General Electric Company. (See Bumstead, William D., assignor.)  
 General Electric Company. (See Bünger, Albert, assignor.)  
 General Electric Company. (See Bush, Ralph R., assignor.)  
 General Electric Company. (See Calvert, Francis V., assignor.)  
 General Electric Company. (See Campbell, A. B., and Beyer, assignors.)  
 General Electric Company. (See Carlson, Arvid S., assignor.)  
 General Electric Company. (See Carlson, George, assignor.)  
 General Electric Company. (See Carter, Mitchell, assignor.)  
 General Electric Company. (See Cartun, Paul O., assignor.)  
 General Electric Company. (See Catlett, James T., assignor.)  
 General Electric Company. (See Champlin, Franklin J., assignor.)  
 General Electric Company. (See Chapman, Charles H., assignor.)  
 General Electric Company. (See Chapman, Verni J., assignor.)  
 General Electric Company. (See Charlton, E. E., and Whelan, assignors.)  
 General Electric Company. (See Cheney, H., and Davies, assignors.)  
 General Electric Company. (See Clark, Earl J., assignor.)  
 General Electric Company. (See Clark, Frank M., assignor.)  
 General Electric Company. (See Clark, F. M., and Kutz, assignors.)  
 General Electric Company. (See Clark, F. M., and Russetta, assignors.)  
 General Electric Company. (See Clinker, Reginald C., assignor.)  
 General Electric Company, The. (See Coates, H. J., and Emms, assignors.)  
 General Electric Company. (See Cocke, Kenneth J. R., assignor.)  
 General Electric Company. (See Cockrell, William D., assignor.)  
 General Electric Company. (See Colby, Clyde W., assignor.)  
 General Electric Company. (See Cook, Joseph F., Jr., assignor.)  
 General Electric Company. (See Cooney, William H., assignor.)  
 General Electric Company. (See Corson, Michael G., assignor.)  
 General Electric Company. (See Cottrell, McKenzie, assignor.)  
 General Electric Company. (See Craine, John R. T., assignor.)  
 General Electric Company. (See Crämer, Richard, assignor.)  
 General Electric Company. (See Crary, Selden B., assignor.)  
 General Electric Company. (See Currier, Philip M., assignor.)  
 General Electric Company. (See Daiber, Ernst, assignor.)  
 General Electric Company. (See Dallmann, Herbert, assignor.)  
 General Electric Company. (See Dallmann, H., and Eggers, assignors.)  
 General Electric Company. (See Dalton, William, assignor.)  
 General Electric Company. (See Dantsizen, Christian, assignor.)  
 General Electric Company. (See Davies, David R., assignor.)  
 General Electric Company. (See Davies, L. J., Gilson, and Scott, assignors.)  
 General Electric Company. (See de Bruin, Aart, assignor.)  
 General Electric Company. (See Dempster, John T. H., assignor.)  
 General Electric Company. (See de Reamer, Frank C., assignor.)  
 General Electric Company. (See De Supinski, Wiacheslaw, assignor.)  
 General Electric Company. (See De Tar, Donald R., assignor.)  
 General Electric Company. (See Devers, Philip K., assignor.)  
 General Electric Company. (See De Walt, Kenneth C., assignor.)  
 General Electric Company. (See Dickinson, Edgar D., assignor.)  
 General Electric Company. (See Donovan, John F., assignor.)  
 General Electric Company. (See Donovan, J. F., and Flaws, assignors.)  
 General Electric Company. (See Donovan, J. F., and Illingworth, assignors.)  
 General Electric Company. (See Donovan, J. F., and Malloy, assignors.)  
 General Electric Company. (See Doran, John H., assignor.)  
 General Electric Company. (See Dorgelo, Eduard G., assignor.)  
 General Electric Company. (See Dorgelo, E. G., and Bol, assignors.)  
 General Electric Company. (See Dorrat, James A., assignor.)  
 General Electric Company. (See Dozler, Ernst, assignor.)  
 General Electric Company. (See Driesch, Theodore W., assignor.)  
 General Electric Company. (See Dunham, George W., assignor.)  
 General Electric Company. (See Durant, W. W., and Scrutchfield, assignors.)  
 General Electric Company. (See Duryee, Jerome C., assignor.)  
 General Electric Company. (See Düsing, W., and Ens, assignors.)  
 General Electric Company. (See Eaton, J., and Lum, assignors.)  
 General Electric Company. (See Eaton, Reginald O., assignor.)  
 General Electric Company. (See Eby, Eugene D., assignor.)  
 General Electric Company. (See Edgar, Robert F., assignor.)  
 General Electric Company. (See Edwards, Martin A., assignor.)  
 General Electric Company. (See Ehrenberg, Arthur C., assignor.)  
 General Electric Company. (See Ehrenberg, A. C., and Jublin, assignors.)  
 General Electric Company. (See Emmerling, A. A., and Bertolet, assignors.)  
 General Electric Company. (See Erben, Henry V., assignor.)  
 General Electric Company. (See Evans, Earl R., assignor.)  
 General Electric Company. (See Ewest, H., and Gaidies, assignors.)  
 General Electric Company. (See Ewest, H., and Reger, assignors.)  
 General Electric Company. (See Fagan, J. T., Donovan, and Malloy, assignors.)  
 General Electric Company. (See Fagley, Gilbert H., assignor.)  
 General Electric Company. (See Fairbrother, Jack A. V., assignor.)  
 General Electric Company. (See Fairbrother, J. A. V., and Mitchell, assignors.)  
 General Electric Company. (See Faus, Harold T., assignor.)  
 General Electric Company. (See Faus, H. T., and Corson, assignors.)  
 General Electric Company. (See Fehse, A., and Krefft, assignors.)



- General Electric Company. (See Fenwick, C. E., Davies, and Tuppen, assignors.)  
 General Electric Company. (See Ferguson, John S., assignor.)  
 General Electric Company. (See Ferris, Warren R., assignor.)  
 General Electric Company. (See Fiene, Marcus E., assignor.)  
 General Electric Company. (See Finlayson, Frank E., assignor.)  
 General Electric Company. (See Fisher, Everett J., assignor.)  
 General Electric Company. (See Fitzgerald, Alan S., assignor.)  
 General Electric Company. (See Flaws, John, Jr., assignor.)  
 General Electric Company. (See Flindt, Albert O., assignor.)  
 General Electric Company. (See Flows, J., Jr., and Seltz, assignors.)  
 General Electric Company. (See Flurschein, Cedric H., assignor.)  
 General Electric Company. (See Ford, John B., assignor.)  
 General Electric Company. (See Forsberg, Peter W., assignor.)  
 General Electric Company. (See Forstrom, Edward W., assignor.)  
 General Electric Company. (See Foster, Levin W., assignor.)  
 General Electric Company. (See Found, Clifton G., assignor.)  
 General Electric Company. (See Francis, V. J., and Ryde, assignors.)  
 General Electric Company. (See Frech, Theodore W., assignor.)  
 General Electric Company. (See Frederick, Oscar C., assignor.)  
 General Electric Company. (See Freese, Clyde H., assignor.)  
 General Electric Company. (See Fritze, O., and Rüttenauer, assignors.)  
 General Electric Company. (See Fyler, George W., assignor.)  
 General Electric Company. (See Gaidies, Georg, assignor.)  
 General Electric Company. (See Gaidies, G., and Reger, assignor.)  
 General Electric Company. (See Gardiner, Paul C., assignor.)  
 General Electric Company. (See Gaston, Donald H., assignor.)  
 General Electric Company. (See Geiger, W. J., and Gaskill, assignors.)  
 General Electric Company. (See Gilbert, Ralph A., assignor.)  
 General Electric Company. (See Girvin, F., and Hardman, assignors.)  
 General Electric Company. (See Goff, Robert W., assignor.)  
 General Electric Company. (See Gooskens, Henricus, assignor.)  
 General Electric Company. (See Goss, James H., assignor.)  
 General Electric Company. (See Granfield, J. C., and Vienneau, assignors.)  
 General Electric Company. (See Gray, William T., assignor.)  
 General Electric Company. (See Green, Wilfred B., assignor.)  
 General Electric Company. (See Groten, Frank J., assignor.)  
 General Electric Company. (See Grothouse, Frank T., assignor.)  
 General Electric Company. (See Guest, Arthur L., assignor.)  
 General Electric Company. (See Hales, George J., assignor.)  
 General Electric Company. (See Haley, Hugh D., assignor.)  
 General Electric Company. (See Halvorson, Cromwell A. B., assignor.)  
 General Electric Company. (See Hamada, Seitoku, assignor.)  
 General Electric Company. (See Hamada, S., and Nomura, assignors.)  
 General Electric Company. (See Hamm, George H., assignor.)  
 General Electric Company. (See Hand, Arthur R., assignor.)  
 General Electric Company. (See Hanna, Max R., assignor.)  
 General Electric Company. (See Hanna, William M., assignor.)  
 General Electric Company. (See Harrington, Richards H., assignor.)  
 General Electric Company. (See Harris, Walter C., assignor.)  
 General Electric Company. (See Haskins, Caryl P., assignor.)  
 General Electric Company. (See Hatay, Charles, assignor.)  
 General Electric Company. (See Haucke, A., and Krefft, assignors.)  
 General Electric Company. (See Hauße and Fröhmer, assignors.)  
 General Electric Company. (See Heinbuch, George W., assignor.)  
 General Electric Company. (See Hermann, Alfred, assignor.)  
 General Electric Company. (See Hermle, Hermann, assignor.)  
 General Electric Company. (See Hertwig, H., and Hintze, assignors.)  
 General Electric Company. (See Hertz, Gustav L., assignor.)  
 General Electric Company. (See Heymann, Hugo, assignor.)  
 General Electric Company. (See Hill, Charles H., assignor.)  
 General Electric Company. (See Hill, C. H., and Ashdown, assignors.)  
 General Electric Company. (See Hinds, Henry P., assignor.)  
 General Electric Company. (See Hobart, Garret A., 3d, assignor.)  
 General Electric Company. (See Hofmann, Walter, assignor.)  
 General Electric Company. (See Holmes, Ralph S., assignor.)  
 General Electric Company. (See Horning, Edwin L., assignor.)  
 General Electric Company. (See Hoxie, Merrill C., assignor.)  
 General Electric Company. (See Huber, Herman J., assignor.)  
 General Electric Company. (See Hull, Edwin H., assignor.)  
 General Electric Company. (See Humberstone, J. H., and Miller, assignors.)  
 General Electric Company. (See Illingworth, G., and Donovan, assignors.)  
 General Electric Company. (See Inman, George E., assignor.)  
 General Electric Company. (See Ives, Charles A., assignor.)  
 General Electric Company. (See Jefferson, Harold F., assignor.)  
 General Electric Company. (See Jewell, Richard G., assignor.)  
 General Electric Company. (See Johnson, Ernest E., assignor.)  
 General Electric Company. (See Johnson, Wilfrid E., assignor.)  
 General Electric Company. (See Johnston, Arthur J., assignor.)  
 General Electric Company. (See Jones, Benjamin W., assignor.)  
 General Electric Company. (See Jones, B. W., and Meeker, assignors.)  
 General Electric Company. (See Juhlin, G. A., and Coates, assignors.)  
 General Electric Company. (See Kallenbach, George K., assignor.)  
 General Electric Company. (See Kalmbacker, Edward H., assignor.)  
 General Electric Company. (See Karapetoff, Vladimir, assignor.)  
 General Electric Company. (See Kaufman, Richard H., assignor.)  
 General Electric Company. (See Kearsley, William K., assignor.)  
 General Electric Company. (See Keep, Otto A., assignor.)  
 General Electric Company. (See Keiffer, Lawrence R., assignor.)  
 General Electric Company. (See Kelley, Floyd C., assignor.)  
 General Electric Company. (See Kellogg, Edward W., assignor.)  
 General Electric Company. (See Kienle, Roy H., assignor.)  
 General Electric Company. (See Kierstead, Friend H., assignor.)  
 General Electric Company. (See Kieser, Walter, assignor.)  
 General Electric Company. (See King, Ralph E., assignor.)  
 General Electric Company. (See Kirch, Ernst, assignor.)  
 General Electric Company. (See Kjolseth, Ole K., assignor.)  
 General Electric Company. (See Knödeler, Homer G., assignor.)  
 General Electric Company. (See Kollhof, Arnold, assignor.)  
 General Electric Company. (See Krefft, Hermann, assignor.)  
 General Electric Company. (See Krines, Oskar, assignor.)  
 General Electric Company. (See Kunz, Heinrich, assignor.)  
 General Electric Company. (See Lampson, Curtis W., assignor.)  
 General Electric Company. (See Lange, Walter, assignor.)  
 General Electric Company. (See Langmuir, Irving, assignor.)  
 General Electric Company. (See La Pierre, Cramer W., assignor.)  
 General Electric Company. (See La Pierre, C. W., and Edgar, assignors.)  
 General Electric Company. (See Lappin, John L., assignor.)  
 General Electric Company. (See LaRoque, Harold B., assignor.)



- General Electric Company. (See Leach, Edward A., assignor.)
- General Electric Company. (See Leeds, Laurance M., assignor.)
- General Electric Company. (See Lenz, Paul, assignor.)
- General Electric Company. (See Leonard, Vincent W., assignor.)
- General Electric Company. (See Lincks, George F., assignor.)
- General Electric Company. (See Linde, Leonard J., assignor.)
- General Electric Company. (See Lingard, Herbert A., assignor.)
- General Electric Company. (See Livingston, Orrin W., assignor.)
- General Electric Company. (See Lord, Harold W., assignor.)
- General Electric Company. (See Lum, Walter O., assignor.)
- General Electric Company. (See Lund, Hans, assignor.)
- General Electric Company. (See Malloy, Frank J., assignor.)
- General Electric Company. (See Manders, Theodorus J. A., assignor.)
- General Electric Company. (See Marcellus, Fredrick S., assignor.)
- General Electric Company. (See March, Laurel A., assignor.)
- General Electric Company. (See Marvin, Harry B., assignor.)
- General Electric Company. (See Masnou, Maurice, assignor.)
- General Electric Company. (See Matson, Louis L., assignor.)
- General Electric Company. (See Maxted, Robert, assignor.)
- General Electric Company. (See May, Erwin, assignor.)
- General Electric Company. (See McArthur, Elmer D., assignor.)
- General Electric Company. (See McCarty, Orin P., assignor.)
- General Electric Company. (See McDonald, Chester E., assignor.)
- General Electric Company. (See McLachlan, Willard J., assignor.)
- General Electric Company. (See McNairy, Jacob W., assignor.)
- General Electric Company. (See Meissner, Alexander, assignor.)
- General Electric Company. (See Merrill, Frank W., assignor.)
- General Electric Company. (See Metzger, Alan F., assignor.)
- General Electric Company. (See Mey, Karl, assignor.)
- General Electric Company. (See Meyers, George J., Jr., assignor.)
- General Electric Company. (See Miles, John H., assignor.)
- General Electric Company. (See Miller, V., and Humberstone, assignors.)
- General Electric Company. (See Millott, Arthur T., assignor.)
- General Electric Company. (See Mischler, William N., assignor.)
- General Electric Company. (See Mitchell, John H., assignor.)
- General Electric Company. (See Mittag, Albert H., assignor.)
- General Electric Company. (See Moffett, Guy A., assignor.)
- General Electric Company. (See Montsinger, Vincent M., assignor.)
- General Electric Company. (See Moore, Chester N., assignor.)
- General Electric Company. (See Moritz, M. R., and Shepherd, assignors.)
- General Electric Company. (See Morrill, Wayne J., assignor.)
- General Electric Company. (See Morse, Harold F., assignor.)
- General Electric Company. (See Morton, Lysle W., assignor.)
- General Electric Company. (See Müller, Robert H., assignor.)
- General Electric Company. (See Munson, Kenneth A., assignor.)
- General Electric Company. (See Navias, Louis, assignor.)
- General Electric Company. (See Newman, Delbert F., assignor.)
- General Electric Company. (See Newton, Harold D., assignor.)
- General Electric Company. (See Nickle, Clifford A., assignor.)
- General Electric Company. (See Obermaier, Carl F., assignor.)
- General Electric Company. (See Obermaier, C. F., and Owen, assignors.)
- General Electric Company. (See Ogden, Harold S., assignor.)
- General Electric Company. (See Ogden, H. S., and Casby, assignors.)
- General Electric Company. (See Oliver, James H., assignor.)
- General Electric Company. (See Oosterhuis, E., and Zecher, assignors.)
- General Electric Company. (See Otis, Albert N., assignor.)
- General Electric Company. (See Otte, Otho M., assignor.)
- General Electric Company. (See Ottenstein, Simon, assignor.)
- General Electric Company. (See Palmer, Harry L., assignor.)
- General Electric Company. (See Panoff, Vincent, assignor.)
- General Electric Company. (See Paxton, R., Reed, and Hill, assignors.)
- General Electric Company. (See Pearce, Arthur G., assignor.)
- General Electric Company. (See Perrott, Laurence F., assignor.)
- General Electric Company. (See Perry, Charles L., assignor.)
- General Electric Company. (See Persch, Wilhelm, assignor.)
- General Electric Company. (See Pestarini, Giuseppe M., assignor.)
- General Electric Company. (See Pfalzgraff, Ross M., assignor.)
- General Electric Company. (See Phillips, Lester L., assignor.)
- General Electric Company. (See Pickhaver, Lionel G., assignor.)
- General Electric Company. (See Piercy, Carl A., assignor.)
- General Electric Company. (See Pinta, Robert, assignor.)
- General Electric Company. (See Pipkin, Marvin, assignor.)
- General Electric Company. (See Pirani, M., and Becker, assignors.)
- General Electric Company. (See Pirani, M., and Gaidies, assignors.)
- General Electric Company. (See Pirani, M., and Reger, assignors.)
- General Electric Company. (See Pratt, William H., assignor.)
- General Electric Company. (See Price, Edgar, assignor.)
- General Electric Company. (See Prince, David C., assignor.)
- General Electric Company. (See Proctor, John A., assignor.)
- General Electric Company. (See Puffer, Samuel R., assignor.)
- General Electric Company. (See Pulfrich, Hans, assignor.)
- General Electric Company. (See Radloff, Johannes, assignor.)
- General Electric Company. (See Rankin, William K., assignor.)
- General Electric Company. (See Rankin, W. K., and Hayward, assignors.)
- General Electric Company. (See Record, LeRoy E., assignor.)
- General Electric Company. (See Redmond, James H., assignor.)
- General Electric Company. (See Regan, Joseph G., assignor.)
- General Electric Company. (See Reger, M., and Straehler, assignors.)
- General Electric Company. (See Reid, K. M., and Chanon, assignors.)
- General Electric Company. (See Renner, Alfred, assignor.)
- General Electric Company. (See Reynolds, Neil B., assignor.)
- General Electric Company. (See Rich, Theodore A., assignor.)
- General Electric Company. (See Richardson, Henry M., assignor.)
- General Electric Company. (See Ring, Andrew D., assignor.)
- General Electric Company. (See Rivett-Carnac, Arthur J., assignor.)
- General Electric Company. (See Roberts, Willard A., assignor.)
- General Electric Company. (See Robinson, Ernest L., assignor.)
- General Electric Company. (See Roder, Hans, assignor.)
- General Electric Company. (See Roessler, Edward W., assignor.)
- General Electric Company. (See Rompe, Robert, assignor.)
- General Electric Company. (See Rosch, Arthur, assignor.)
- General Electric Company. (See Rottsieper, Karl, assignor.)
- General Electric Company. (See Royer, Marcel J. P., assignor.)
- General Electric Company. (See Ruff, Harold R., assignor.)
- General Electric Company. (See Runner, Claude C., assignor.)
- General Electric Company. (See Rüttenauer, Alfred, assignor.)
- General Electric Company. (See Rüttenauer, A., and Fritze, assignors.)
- General Electric Company. (See Ryan, Richard M., assignor.)
- General Electric Company. (See Ryde, J. W., and Jenkins, assignors.)
- General Electric Company. (See Sabbah, Camil A., assignor.)



- General Electric Company. (See Sabbah, Camille A., assignor.)
- General Electric Company. (See Sabbah, C. A., and Anderson, assignors.)
- General Electric Company. (See Schmitt, Richard H., assignor.)
- General Electric Company. (See Schöter, K., and Wolff, assignors.)
- General Electric Company. (See Schouwstra, Pieter, assignor.)
- General Electric Company. (See Schröter, K., and Moers, assignors.)
- General Electric Company. (See Schwarzhaupt, Paul J., assignor.)
- General Electric Company. (See Schwennker, Charles F., assignor.)
- General Electric Company, The. (See Scotson, Geoffrey R. F., assignor.)
- General Electric Company. (See Scott, William J., assignor.)
- General Electric Company. (See Seaberg, Charles E., assignor.)
- General Electric Company. (See Seaman, Joseph W., assignor.)
- General Electric Company. (See Searing, Hudson R., assignor.)
- General Electric Company. (See Seeley, Harold T., assignor.)
- General Electric Company. (See Severance, S. W., and Kessler, assignors.)
- General Electric Company. (See Sheldon, Lucian A., assignor.)
- General Electric Company. (See Shepherd, Judson O'D., assignor.)
- General Electric Company. (See Shinohara, Motooki, assignor.)
- General Electric Company. (See Shoults, David R., assignor.)
- General Electric Company. (See Skeats, Wilfred F., assignor.)
- General Electric Company. (See Skinner, Charles K., assignor.)
- General Electric Company. (See Skolfield, William K., assignor.)
- General Electric Company. (See Smalley, Dean F., assignor.)
- General Electric Company. (See Smelt, Josephus A. M., assignor.)
- General Electric Company. (See Smith, H. A., and Summers, assignors.)
- General Electric Company. (See Smithells, Colin J., assignor.)
- General Electric Company. (See Smyser, Frederic H., assignor.)
- General Electric Company. (See Snyder, William B., assignor.)
- General Electric Company. (See Speicher, William P. J., assignor.)
- General Electric Company. (See Stablein, Wilhelm, assignor.)
- General Electric Company. (See Stanton, Myles, assignor.)
- General Electric Company. (See Starie, George B., assignor.)
- General Electric Company. (See Stark, Julian H., assignor.)
- General Electric Company. (See Starr, Frank M., assignor.)
- General Electric Company. (See Steenstrup, Carl H., assignor.)
- General Electric Company. (See Steenstrup, Christian, assignor.)
- General Electric Company. (See Stephens, R. M., and Chapman, assignors.)
- General Electric Company. (See Stevens, Harry M., assignor.)
- General Electric Company. (See Stevenson, Alexander R., Jr., assignor.)
- General Electric Company. (See Stewart, Clyde E., assignor.)
- General Electric Company. (See Stone, Leland F., assignor.)
- General Electric Company. (See Strang, Harold E., assignor.)
- General Electric Company. (See Strickland, Royal F., assignor.)
- General Electric Company. (See Sturtevant, George R., assignor.)
- General Electric Company. (See Suits, Chauncey G., assignor.)
- General Electric Company. (See Suksdorf, Alfred, assignor.)
- General Electric Company. (See Summers, Claude M., assignor.)
- General Electric Company. (See Sykes, Wesley P., assignor.)
- General Electric Company. (See Sywert, P. T., and Knight, assignors.)
- General Electric Company. (See Taylor, George F., assignor.)
- General Electric Company. (See Teare, Benjamin R., Jr., assignor.)
- General Electric Company. (See Teare, William H., assignor.)
- General Electric Company. (See Thayer, Charles H., assignor.)
- General Electric Company. (See Thearle, Ernest L., assignor.)
- General Electric Company. (See Thiemer, Erwin, assignor.)
- General Electric Company. (See Thompson, Louis W., assignor.)
- General Electric Company. (See Thompson, L. W., and Cain, assignors.)
- General Electric Company. (See Thumin, Carl, assignor.)
- General Electric Company. (See Tone, Thomas, assignor.)
- General Electric Company. (See Tonks, Lewi, assignor.)
- General Electric Company. (See Tracey, Bernard C., assignor.)
- General Electric Company. (See Traver, O. C., and Mason, assignors.)
- General Electric Company. (See Treanor, Edward D., assignor.)
- General Electric Company. (See Treanor, E. D., and Acly, assignors.)
- General Electric Company. (See Tripp, Augustus B., assignor.)
- General Electric Company. (See Tritle, John F., assignor.)
- General Electric Company. (See Tritle, J. F., and McNairy, assignors.)
- General Electric Company. (See Trope, Carl, assignor.)
- General Electric Company. (See Turner, Harold R., assignor.)
- General Electric Company. (See Twiss, P. E., and Sprenger, assignors.)
- General Electric Company. (See Uebermuth, Werner, assignor.)
- General Electric Company. (See Uhl, Harry C., assignor.)
- General Electric Company. (See Umansky, Leonid A., assignor.)
- General Electric Company. (See Uyterhoeven, W., and Bergmans, assignors.)
- General Electric Company. (See Uyterhoeven, W., Bruijnes, and Verburg.)
- General Electric Company. (See Uyterhoeven, W., Druyvesteyn, Verburg, and Blok, assignors.)
- General Electric Company. (See Uyterhoeven, W., Verburg, and Dorgelo, assignors.)
- General Electric Company. (See Van Billiard, Lewis H., assignor.)
- General Electric Company. (See Van Guilder, Walter, assignor.)
- General Electric Company. (See von Hoorn, Fred G., assignor.)
- General Electric Company. (See Van Wijk, Aart, assignor.)
- General Electric Company. (See Vars, Ethan W., assignor.)
- General Electric Company. (See Visscher, John S., assignor.)
- General Electric Company. (See Walle, Ludwig S., assignor.)
- General Electric Company. (See Wardwell, George W., Jr., assignor.)
- General Electric Company. (See Warneke, R. C., and Grothouse, assignors.)
- General Electric Company. (See Warner, Donald F., assignor.)
- General Electric Company. (See Warner, John C., assignor.)
- General Electric Company. (See Warner, Wilbur W., assignor.)
- General Electric Company. (See Warren, Glenn B., assignor.)
- General Electric Company. (See Watts, Noble H., assignor.)
- General Electric Company. (See Westendorp, Willem F., assignor.)
- General Electric Company. (See Whitaker, Frank P., assignor.)
- General Electric Company. (See White, Stewart H., assignor.)
- General Electric Company. (See White, W. C., and Elder, assignors.)
- General Electric Company. (See Whiteley, Austyn L., assignor.)
- General Electric Company. (See Whitesel, Harry A., assignor.)
- General Electric Company. (See Wideröe, Rolf, assignor.)
- General Electric Company. (See Wiegand, Erich, assignor.)
- General Electric Company. (See Wiegand, Kurt, assignor.)
- General Electric Company. (See Wiest, Horace G., assignor.)
- General Electric Company. (See Wilkins, William A., assignor.)
- General Electric Company. (See Williams, Edwin A., assignor.)
- General Electric Company. (See Williams, Ernest, assignor.)
- General Electric Company. (See Willis, Clodius H., assignor.)
- General Electric Company. (See Willis, C. H., and Bedford, assignors.)
- General Electric Company. (See Wilson, M. S., and Jewell, assignors.)



General Electric Company. (See Winter, Wilfred W. E., assignor.)  
 General Electric Company. (See Winter, William F., Jr., assignor.)  
 General Electric Company. (See Witherow, Harry M., assignor.)  
 General Electric Company. (See Wood, Alexander P., assignor.)  
 General Electric Company. (See Woodrow, Charles A., assignor.)  
 General Electric Company. (See Woodruff, Henry S., assignor.)  
 General Electric Company. (See Woodworth, John L., assignor.)  
 General Electric Company. (See Worth, Thomas F., assignor.)  
 General Electric Company. (See Wotring, Gaylord H., assignor.)  
 General Electric Company. (See Wright, Daniel K., assignor.)  
 General Electric Company. (See Wright, James G. E., assignor.)  
 General Electric Company. (See Wünsche, Otto, assignor.)  
 General Electric Company. (See Zecher, Gustav, assignor.)  
 General Electric Company. (See Zickrick, Lyall, assignor.)  
 General Electric Company. (See Zurcher, Ernest, assignor.)  
 General Electric Company Limited, The. (See Chubb, Alexander A., assignor.)  
 General Electric Company Limited, The. (See Davis, B., Ellis, and Coates, assignors.)  
 General Electric Company Limited, The. (See Humphreys, O. W., Hunt, and Stopford, assignors.)  
 General Electric Company Limited, The. (See Kaula, Rudolph J., assignor.)  
 General Electric Company Limited, The. (See Saunders, Charles W., assignor.)  
 General Electric Company Limited, The. (See Saunders, C. W., and Ellis, assignors.)  
 General Electric Company Limited, The. (See Simms, Charles H., assignor.)  
 General Electric Company Limited, The. (See Smart, Norman C., assignor.)  
 General Electric Company Limited, The. (See Smart, N. C., and Moss, assignors.)  
 General Electric Company Limited, The. (See Thompson, William G., assignor.)  
 General Electric Corporation. (See McLachlan, Willard J., assignor.)  
 General Electric Vapor Lamp Company. (See Buttolph, Leroy J., assignor.)  
 General Electric Vapor Lamp Company. (See Foulke, Ted E., assignor.)  
 General Electric Vapor Lamp Company. (See Kenty, Carl E., assignor.)  
 General Electric Vapor Lamp Company. (See Moehler, Otto J., assignor.)  
 General Electric Vapor Lamp Company. (See Randall, Eugene F., assignor.)  
 General Electric Vapor Lamp Company. (See St. Louis, James A., assignor.)  
 General Electric Vapor Lamp Co. (See Thomas A., assignor.)  
 General Electric Vapor Lamp Company. (See Winninghoff, Wilford J., assignor.)  
 General Electric X-Ray Corporation. (See Dent, Roy F., assignor.)  
 General Electric X-Ray Corporation. (See Wantz, Julius B., assignor.)  
 General Electric X-Ray Corporation. (See Wantz, J. B., and Grobe, assignors.)  
 General Engineering Company, The. (See Riddell, William A., assignor.)  
 General Engineering Co. (See Thorndike, Herbert A., assignor.)  
 General Fibre Products, Incorporated. (See Hamerstadt, William D., assignor.)  
 General Findings & Supply Co. (See Casey, George V., assignor.)  
 General Fire Extinguisher Company. (See Barclay, Sidney F., assignor.)  
 General Fire Extinguisher Company. (See Knight, Ira W., assignor.)  
 General Fire Extinguisher Company. (See Loepsinger, Albert J., assignor.)  
 General Fire Extinguisher Company. (See Weston, William D., assignor.)  
 General Fire Extinguisher Company. (See Williams, James H., assignor.)  
 General Fireproofing Company, The. (See Brainard, George C., assignor.)  
 General Fireproofing Company, The. (See Gourley, G. T., and Malat, assignors.)  
 General Foundry Machinery Corporation. (See Lawlor, John J., assignor.)  
 General Fuel Briquette Corporation, The. (See Zwayer, E. B. A., and Stillman, assignors.)  
 General Health Corporation. (See Sacks, Harry M., assignor.)  
 General Heating Equipment Company. (See Collier, Frederick W., assignor.)  
 General Household Utilities Company. (See Constantine, A. R., and Gedde, assignors.)

General Household Utilities Company. (See Kenney, M. W., and Constantine, assignors.)  
 General Household Utilities Company. (See Kenney, M. W., and Jordan, assignors.)  
 General Industries Company. (See Van der Woude, Fritz, assignor.)  
 General Instrument Corporation. (See Cohen, Samuel, assignor.)  
 General Manganese Corporation. (See McCarthy, John D., assignor.)  
 General Manganese Corporation. (See Sweet, A. T., and McCarthy, assignors.)  
 General Manifold & Printing Co. (See Lewis, Edward Z., assignor.)  
 General Mills, Inc. (See Lindgren, Frank O., assignor.)  
 General Motors Corporation. (See Almen, John O., assignor.)  
 General Motors Corporation. (See Almen, J. O., and Gove, assignors.)  
 General Motors Corporation. (See Almen, J. O., and Laszlo, assignors.)  
 General Motors Corporation. (See Anibal, Benjamin H., assignor.)  
 General Motors Corporation. (See Anibal, B. H., and Leggat, assignors.)  
 General Motors Corporation. (See Arthur, James L., assignor.)  
 General Motors Corporation. (See Aseltine, Fred E., assignor.)  
 General Motors Corporation. (See Aseltine, F. E., Kindl, and Teeter, assignors.)  
 General Motors Corporation. (See Avels, Albert E., assignor.)  
 General Motors Corporation. (See Babitch, A. M., and Harry, assignors.)  
 General Motors Corporation. (See Bacon, Elbridge F., assignor.)  
 General Motors Corporation. (See Barr, H. F., Arnold, and Gordon, assignors.)  
 General Motors Corporation. (See Bates, Ralph I., assignor.)  
 General Motors Corporation. (See Beiderman, Edward G., assignor.)  
 General Motors Corporation. (See Belden, Clements G., assignor.)  
 General Motors Corporation. (See Beringer, Roscoe, assignor.)  
 General Motors Corporation. (See Bichowsky, Francis R., assignor.)  
 General Motors Corporation. (See Bingham, John D., assignor.)  
 General Motors Corporation. (See Boegehold, Alfred L., assignor.)  
 General Motors Corporation. (See Boegehold, A. L., Schluchter, and Terry, assignors.)  
 General Motors Corporation. (See Bradford, Zerbe C., assignor.)  
 General Motors Corporation. (See Brittain, R. J., Jr., and Bell, assignors.)  
 General Motors Corporation. (See Buffington, Ralph M., assignor.)  
 General Motors Corporation. (See Caminez, H., and Gilman, assignors.)  
 General Motors Corporation. (See Candor, Robert R., assignor.)  
 General Motors Corporation. (See Chase, Theron P., assignor.)  
 General Motors Corporation. (See Chisholm, Theodore L., assignor.)  
 General Motors Corporation. (See Chryst, William A., assignor.)  
 General Motors Corporation. (See Church, Harold D., assignor.)  
 General Motors Corporation. (See Cobb, Harold E., assignor.)  
 General Motors Corporation. (See Cobb, Leland D., assignor.)  
 General Motors Corporation. (See Cook, S. V., and Chase, assignors.)  
 General Motors Corporation. (See Cowin, Stuart H., assignor.)  
 General Motors Corporation. (See Crabb, Lester M., assignor.)  
 General Motors Corporation. (See Crane, Henry M., assignor.)  
 General Motors Corporation. (See Criswell, Carmer, assignor.)  
 General Motors Corporation. (See Critchfield, Robert M., assignor.)  
 General Motors Corporation. (See Darrah, C. W., and Hardiman, assignors.)  
 General Motors Corporation. (See Davis, Charles H., Jr., assignor.)  
 General Motors Corporation. (See Davis, James H., assignor.)  
 General Motors Corporation. (See Davis, J. H., and Lemming, assignors.)  
 General Motors Corporation. (See de Jongh, Ivan L., assignor.)  
 General Motors Corporation. (See Delaval-Crow, Thomas C., assignor.)  
 General Motors Corporation. (See Demann, Clemens B., assignor.)  
 General Motors Corporation. (See Dick, Herman J., assignor.)



- General Motors Corporation. (See Dilworth, Richard M., assignor.)
- General Motors Corporation. (See Doane, Harry C., assignor.)
- General Motors Corporation. (See Dolza, John, assignor.)
- General Motors Corporation. (See Drew, Harold, assignor.)
- General Motors Corporation. (See Dyer, John B., assignor.)
- General Motors Corporation. (See Dyer, J. B., and Arthur, assignors.)
- General Motors Corporation. (See Dyer, J. B., and Edwards, assignors.)
- General Motors Corporation. (See Dykstra, James, assignor.)
- General Motors Corporation. (See Edwards, William C., assignor.)
- General Motors Corporation. (See Edwards, W. C., and Conwell, assignors.)
- General Motors Corporation. (See Ehrlich, Jacob, assignor.)
- General Motors Corporation. (See Elsey, George W., assignor.)
- General Motors Corporation. (See Ely, E. W., and Helgeby, assignors.)
- General Motors Corporation. (See Emmert, R. J., Goad, Baker, Shippy, Holmes, Phelps, and Birch, assignors.)
- General Motors Corporation. (See Evans, Ronald K., assignor.)
- General Motors Corporation. (See Fausset, Ernest R., assignor.)
- General Motors Corporation. (See Fehr, John R., assignor.)
- General Motors Corporation. (See Fisher, Alfred J., assignor.)
- General Motors Corporation. (See Fleischer, Joseph, assignor.)
- General Motors Corporation. (See Foster, William J., assignor.)
- General Motors Corporation. (See Fredrickson, Gustav, assignor.)
- General Motors Corporation. (See Funston, Frederick D., assignor.)
- General Motors Corporation. (See Gaugler, Richard S., assignor.)
- General Motors Corporation. (See Gayer, Frederick H., assignor.)
- General Motors Corporation. (See Geyer, Harvey D., assignor.)
- General Motors Corporation. (See Geyer, H. D., and Whittaker, assignors.)
- General Motors Corporation. (See Gibson, J. Lowell, assignor.)
- General Motors Corporation. (See Glacy, Edward W., assignor.)
- General Motors Corporation. (See Gould, Richard E., assignor.)
- General Motors Corporation. (See Gove, W. D., and Almen, assignors.)
- General Motors Corporation. (See Gove, W. D., and Dolza, assignors.)
- General Motors Corporation. (See Grier, John A., assignor.)
- General Motors Corporation. (See Grimshaw, Robert S., assignor.)
- General Motors Corporation. (See Hardiman, F. M., and Saunders, assignors.)
- General Motors Corporation. (See Harris, Arthur W., assignor.)
- General Motors Corporation. (See Hartzell, Herman L., assignor.)
- General Motors Corporation. (See Heiss, J. P., Carhart, and Jansson, assignors.)
- General Motors Corporation. (See Helgeby, Ralph O., assignor.)
- General Motors Corporation. (See Henne, Albert L., assignor.)
- General Motors Corporation. (See Henney, Charles F., assignor.)
- General Motors Corporation. (See Hofferberth, George F., assignor.)
- General Motors Corporation. (See Holbrook, William C., assignor.)
- General Motors Corporation. (See Holmes, John R., assignor.)
- General Motors Corporation. (See Horlacher, Elmer L., assignor.)
- General Motors Corporation. (See Hughes, Frederick G., assignor.)
- General Motors Corporation. (See Hull, Harry B., assignor.)
- General Motors Corporation. (See Hunt, John H., assignor.)
- General Motors Corporation. (See Hutchinson, Philip H., assignor.)
- General Motors Corporation. (See Hutchison, Robert R., assignor.)
- General Motors Corporation. (See Jackson, Hiram G., assignor.)
- General Motors Corporation. (See Johnson, S. N., and Hall, assignors.)
- General Motors Corporation. (See Kamrath, Herbert G., assignor.)
- General Motors Corporation. (See Karmazin, John, assignor.)
- General Motors Corporation. (See Kaufman, Daniel L., assignor.)
- General Motors Corporation. (See Keighley, Lloyd M., assignor.)
- General Motors Corporation. (See Keller, C. J., and Holmes, assignors.)
- General Motors Corporation. (See Keller, John H., assignor.)
- General Motors Corporation. (See Kindl, Carl H., assignor.)
- General Motors Corporation. (See Kindl, C. H., and McCann, assignors.)
- General Motors Corporation. (See King, Jesse G., assignor.)
- General Motors Corporation. (See Kirschner, H. J., and Gove, assignors.)
- General Motors Corporation. (See Knight, Donald B., assignor.)
- General Motors Corporation. (See Koehly, Paul, assignor.)
- General Motors Corporation. (See Koubek, John L., assignor.)
- General Motors Corporation. (See Kucher, Andrew A., assignor.)
- General Motors Corporation. (See Kunkle, Bayard D., assignor.)
- General Motors Corporation. (See Lampman, G. W., and Cooper, assignors.)
- General Motors Corporation. (See Large, Samuel R., assignor.)
- General Motors Corporation. (See Lauer, Carleton J., assignor.)
- General Motors Corporation. (See Leggat, John W., assignor.)
- General Motors Corporation. (See Leuschner, Harry O., assignor.)
- General Motors Corporation. (See Loranger, Hubert R., assignor.)
- General Motors Corporation. (See Maccabee, David E., assignor.)
- General Motors Corporation. (See Macready, J. A., and Wyatt, assignors.)
- General Motors Corporation. (See Mann, Cecil A., assignor.)
- General Motors Corporation. (See Manning, William H., assignor.)
- General Motors Corporation. (See Mapes, C. W., and Bradford, assignors.)
- General Motors Corporation. (See Marchand, Eugene M., assignor.)
- General Motors Corporation. (See Marshall, Bertrand D., assignor.)
- General Motors Corporation. (See Martin, Edward J., assignor.)
- General Motors Corporation. (See Martin-Binachon, Jean, assignor.)
- General Motors Corporation. (See McCormack, Alex A., assignor.)
- General Motors Corporation. (See McCullough, Charles F., assignor.)
- General Motors Corporation. (See McDorman, Paul, assignor.)
- General Motors Corporation. (See McGuire, Daniel C., assignor.)
- General Motors Corporation. (See McKinley, Charles W., assignor.)
- General Motors Corporation. (See McMillin, Robert M., assignor.)
- General Motors Corporation. (See McMillin, R. M., and Taub, assignors.)
- General Motors Corporation. (See Mead, H. C., and Michel, assignors.)
- General Motors Corporation. (See Mecorney, David B., assignor.)
- General Motors Corporation. (See Michel, Clarence A., assignor.)
- General Motors Corporation. (See Michel, C. A., and Conwell, assignors.)
- General Motors Corporation. (See Michel, C. A., Mead, and Koubek, assignors.)
- General Motors Corporation. (See Miller, Ralph K., assignor.)
- General Motors Corporation. (See Mullen, Raymond F., assignor.)
- General Motors Corporation. (See Murden, William T., assignor.)
- General Motors Corporation. (See Murray, L. W., and Seabury, assignors.)
- General Motors Corporation. (See Nance, James J., assignor.)
- General Motors Corporation. (See Neale, Fred, assignor.)
- General Motors Corporation. (See Newill, Edward B., assignor.)
- General Motors Corporation. (See Noble, Warren, assignor.)
- General Motors Corporation. (See Norviel, H. E., and Parker, assignors.)
- General Motors Corporation. (See Nutt, Frank N., assignor.)
- General Motors Corporation. (See Olley, Maurice, assignor.)
- General Motors Corporation. (See Padgett, Joseph E., assignor.)
- General Motors Corporation. (See Parker, Guy E., assignor.)



General Motors Corporation. (See Parker, Leslie O., assignor.)  
 General Motors Corporation. (See Parker, L. O., and Fitzsimmons, assignors.)  
 General Motors Corporation. (See Patch, Earl S., assignor.)  
 General Motors Corporation. (See Patzig, Alfred, assignor.)  
 General Motors Corporation. (See Pearce, George C., assignor.)  
 General Motors Corporation. (See Perrine, Lester E., assignor.)  
 General Motors Corporation. (See Phelps, Alva W., assignor.)  
 General Motors Corporation. (See Pontis, William G., assignor.)  
 General Motors Corporation. (See Poole, Lora E., assignor.)  
 General Motors Corporation. (See Rabezzana, Hector, assignor.)  
 General Motors Corporation. (See Rabezzana, H., and Battey, assignors.)  
 General Motors Corporation. (See Rady, W. J., and Porter, assignors.)  
 General Motors Corporation. (See Randolph, Donald W., assignor.)  
 General Motors Corporation. (See Rassweiler, G. M., and Martin, assignors.)  
 General Motors Corporation. (See Reeves, Donald H., assignor.)  
 General Motors Corporation. (See Rice, Herbert C., assignor.)  
 General Motors Corporation. (See Riedel, Walter W., assignor.)  
 General Motors Corporation. (See Robillard, Robert E., assignor.)  
 General Motors Corporation. (See Rossman, Edwin F., assignor.)  
 General Motors Corporation. (See Rothrock, George L., assignor.)  
 General Motors Corporation. (See Rowe, C. J., and Hochwalt, assignors.)  
 General Motors Corporation. (See Sampson, Frederick W., assignor.)  
 General Motors Corporation. (See Sanders, Wilbur E., assignor.)  
 General Motors Corporation. (See Saunders, Laurence P., assignor.)  
 General Motors Corporation. (See Schjolin, Eric O., assignor.)  
 General Motors Corporation. (See Schutt, A. J., and Darrah, assignors.)  
 General Motors Corporation. (See Schweller, Edmund F., assignor.)  
 General Motors Corporation. (See Schweller, Sylvester M., assignor.)  
 General Motors Corporation. (See Seabury, R. L., and Murray, assignors.)  
 General Motors Corporation. (See Shippy, Leo C., assignor.)  
 General Motors Corporation. (See Shoemaker, Fred G., assignor.)  
 General Motors Corporation. (See Short, Charles R., assignor.)  
 General Motors Corporation. (See Short, C. R., and Koehring, assignors.)  
 General Motors Corporation. (See Shutts, Leroy W., assignor.)  
 General Motors Corporation. (See Slack, Frederic W., assignor.)  
 General Motors Corporation. (See Sleeter, E. B., and Werner, assignors.)  
 General Motors Corporation. (See Smilack, Jacob, assignor.)  
 General Motors Corporation. (See Smith, Earl H., assignor.)  
 General Motors Corporation. (See Smith, Harry F., assignor.)  
 General Motors Corporation. (See Smith, Harry G., assignor.)  
 General Motors Corporation. (See Smith, Lloyd E., assignor.)  
 General Motors Corporation. (See Stephens, Harry D., assignor.)  
 General Motors Corporation. (See Stevens, Clarence C., assignor.)  
 General Motors Corporation. (See Stickel, Carl A., assignor.)  
 General Motors Corporation. (See Stone, Donald D., assignor.)  
 General Motors Corporation. (See Sullivan, R. H., and Gordon.)  
 General Motors Corporation. (See Summers, Caleb E., assignor.)  
 General Motors Corporation. (See Summers, Otto M., assignor.)  
 General Motors Corporation. (See Swigert, Clarence J., assignor.)  
 General Motors Corporation. (See Tarleton, Frederic L., assignor.)  
 General Motors Corporation. (See Teeter, Wilford H., assignor.)  
 General Motors Corporation. (See Tenney, P. L., and Rasmussen, assignor.)

General Motors Corporation. (See Terry, Robert, assignor.)  
 General Motors Corporation. (See Thompson, Earl A., assignor.)  
 General Motors Corporation. (See Truxell, Clyde W., Jr., assignor.)  
 General Motors Corporation. (See Turnquist, Edward, assignor.)  
 General Motors Corporation. (See Tweedale, Ralph L., assignor.)  
 General Motors Corporation. (See Underwood, Arthur F., assignor.)  
 General Motors Corporation. (See Van Degrift, Thomas C., assignor.)  
 General Motors Corporation. (See Van Deventer, Harry R., assignor.)  
 General Motors Corporation. (See Waeschle, Anton, assignor.)  
 General Motors Corporation. (See Watson, James B., assignor.)  
 General Motors Corporation. (See Wayman, Charles R., assignor.)  
 General Motors Corporation. (See Weiher, George F., assignor.)  
 General Motors Corporation. (See Welch, William H., Jr., assignor.)  
 General Motors Corporation. (See Weldon, Chichester P., assignor.)  
 General Motors Corporation. (See Werner, Calvin J., assignor.)  
 General Motors Corporation. (See White, Joe, assignor.)  
 General Motors Corporation. (See White, John W., assignor.)  
 General Motors Corporation. (See Williams, Gilbert H., assignor.)  
 General Motors Corporation. (See Williams, Harry M., assignor.)  
 General Motors Corporation. (See Williams, James F., assignor.)  
 General Motors Corporation. (See Wilson, Ernest E., assignor.)  
 General Motors Corporation. (See Wood, W. A., and Almen, assignors.)  
 General Motors Corporation. (See Wyeth, N., and Rossman, assignors.)  
 General Motors Truck Corporation. (See Austin, Dwight E., assignor.)  
 General Motors Truck Corporation. (See Flogaus, Howard A., assignor.)  
 General Motors Truck Corporation. (See Manning, Joseph H., assignor.)  
 General Motors Truck Corporation. (See Roddewig, G., and Ball, assignors.)  
 General Outdoor Advertising Co. (See Miller, William W., assignor.)  
 General Outdoor Advertising Co. (See Rosner, Max, assignor.)  
 General Outdoor Advertising Co. (See Stephenson, Elvin W., assignor.)  
 General Patents Corp. (See McHugh, Joseph P., assignor.)  
 General Plastics, Inc. (See Dent, Harry M., assignor.)  
 General Plastics, Inc. (See Dent, H. M., and Norton, assignors.)  
 General Plastics, Inc. (See Norton, A. J., and Less, assignors.)  
 General Plate Company. (See Mottlau, August J., assignor.)  
 General Plate Company. (See Payette, Joseph A., assignor.)  
 General Plate Company. (See Saul, Waldo A., assignor.)  
 General Plate Company. (See Spencer, John A., assignor.)  
 General Printing Ink Corporation. (See Koppe, Alexander T., assignor.)  
 General Radio Company. (See Clapp, James K., assignor.)  
 General Railway Signal Company. (See Banner, Frank H., assignor.)  
 General Railway Signal Company. (See Benedict, Frank, assignor.)  
 General Railway Signal Company. (See Benedict, F., and Carter, assignors.)  
 General Railway Signal Company. (See Bennett, Jerry, assignor.)  
 General Railway Signal Company. (See Blodgett, Edwin O., assignor.)  
 General Railway Signal Company. (See Brown, Ned C. L., assignor.)  
 General Railway Signal Company. (See Bushnell, Charles S., assignor.)  
 General Railway Signal Company. (See Bushnell, C. S., and Powell, assignors.)  
 General Railway Signal Company. (See Dicke, Oscar H., assignor.)  
 General Railway Signal Company. (See Field, Oscar S., assignor.)  
 General Railway Signal Company. (See Hailes, William D., assignor.)  
 General Railway Signal Company. (See Hitchcock, Forest B., assignor.)  
 General Railway Signal Company. (See Howe, Winthrop K., assignor.)  
 General Railway Signal Company. (See Judge, Thomas J., assignor.)  
 General Railway Signal Company. (See Kempster, Ernest B., Jr., assignor.)



- General Railway Signal Company. (See Layton, Charles E., assignor.)
- General Railway Signal Company. (See Leake, Richard C., assignor.)
- General Railway Signal Company. (See Leake, R. C., and Phinney, assignors.)
- General Railway Signal Company. (See Merkel, Joseph F., assignor.)
- General Railway Signal Company. (See Moore, Edmund W., assignor.)
- General Railway Signal Company. (See Nilson, Frederick C., assignor.)
- General Railway Signal Company. (See Ober, Hermon P., assignor.)
- General Railway Signal Company. (See Osborne, John L., assignor.)
- General Railway Signal Company. (See Phinney, Robert M., assignor.)
- General Railway Signal Company. (See Powell, Winfred T., assignor.)
- General Railway Signal Company. (See Preston, Neil D., assignor.)
- General Railway Signal Company. (See Rees, Frank X., assignor.)
- General Railway Signal Company. (See Reichard, Wade H., assignor.)
- General Railway Signal Company. (See Renshaw, Paul, assignor.)
- General Railway Signal Company. (See Rosell, Joaquin, assignor.)
- General Railway Signal Company. (See Schwendt, Bernard J., assignor.)
- General Railway Signal Company. (See Taylor, Herbert B., assignor.)
- General Railway Signal Company. (See Wenzholz, W. W., and DeLong, assignors.)
- General Railway Signal Company. (See Wight, Sedgwick N., assignor.)
- General Railway Signal Company. (See Willing, Joseph E., assignor.)
- General Refractories Company. (See Heuer, Russell P., assignor.)
- General Refractories Company. (See Tracy, Jay B., assignor.)
- General Refrigeration Corporation. (See Erbach, Fred R., assignor.)
- General Refrigeration Corporation. (See Swart, Richard H., assignor.)
- General Register Corporation. (See Helsel, Reuben H., assignor.)
- General Register Corporation. (See Purdy, Fred A., and H. McL., and Letsch, assignors.)
- General Register Corporation. (See Soltz, Herman, assignor.)
- General Regulator Corporation. (See Faber, Guy S., assignor.)
- General Regulator Corporation. (See King, Cyril J., assignor.)
- General Ribbon Mills, Incorporated. (See Goldsmith, Bertram J., assignor.)
- General Ribbon Mills, Inc. (See Stark, Joseph W., assignor.)
- General Salt Company. (See Bierbaum, Harry E., assignor.)
- General Spring Bumper Corporation. (See Jandus, Herbert S., assignor.)
- General Spring Bumper Corporation. (See Jandus, H. S., and Brooke, assignors.)
- General Spring Bumper Corporation. (See Jandus, H. S., and Kristensen, assignors.)
- General Spring Bumper Corporation. (See Jandus, H. S., and Short, assignors.)
- General Spring Bumper Corporation. (See Baker, E. M., and Borchert, assignors.)
- General Spring Bumper Corporation. (See Short, Bladen M., assignor.)
- General Steel Castings Corporation. (See Ashe, William O., assignor.)
- General Steel Castings Corporation. (See Driemeyer, George F., assignor.)
- General Steel Castings Corporation. (See Frede, Charles F., assignor.)
- General Steel Castings Corporation. (See Frede, C. F., and Thiele, assignors.)
- General Steel Castings Corporation. (See Hallquist, E. G., and Visser, assignors.)
- General Steel Castings Corporation. (See Howard, Karl S., assignor.)
- General Steel Castings Corporation. (See Jackson, Edwin C., assignor.)
- General Steel Castings Corporation. (See Kell, Clement W., assignor.)
- General Steel Castings Corporation. (See Le Gare, Arthur E., assignor.)
- General Steel Castings Corporation. (See Meyer, W. H., and Hallquist, assignors.)
- General Steel Castings Corporation. (See Pflager, Harry M., assignor.)
- General Steel Castings Corporation. (See Pflager, H. M., Halquist, and Sheehan, assignors.)
- General Steel Castings Corporation. (See Rogers, Harry E., assignor.)
- General Steel Castings Corporation. (See Sheehan, William M., assignor.)
- General Talking Pictures Corporation. (See de Forest, Lee, assignor.)
- General Talking Pictures Corporation. (See Tappan, Chester, assignor.)
- General Therapeutics Corp., The. (See Karnofsky, Henry E., assignor.)
- General Timber Service, Inc. (See Payzant, Henry H., assignor.)
- General Time Instruments Corporation. (See Reinhardt, Joseph A., assignor.)
- General Time Instruments Corporation. (See Stephenson, Paul A., assignor.)
- General Tire & Rubber Company, The. (See Breth, Walter J., assignor.)
- General Tire & Rubber Company, The. (See Breth, W. J., and Engler, assignors.)
- General Tire & Rubber Company, The. (See Cunningham, George R., assignor.)
- General Tire & Rubber Company, The. (See Engler, Max L., assignor.)
- General Tire & Rubber Company, The. (See Kraft, Herman T., assignor.)
- General Zeolite Co. (See Green, Walter H., assignor.)
- Geniesse, John C., Ridley Park, and R. Reuter, assignors to The Atlantic Refining Company, Philadelphia, Pa. Improving motor fuels. 2,039,894; May 5.
- Gensburg, Louis W., Chicago, Ill. Game apparatus. 2,050,309; Aug. 11.
- Gensburg, Louis W., Chicago, Ill. Electrical step-up device. 2,060,299; Nov. 10.
- Gensecke, Wilhelm. (See Petersen, A. E., and Gensecke.)
- Gensecke, Wilhelm, Gonzenheim, near Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Process of and apparatus for the production of coarse crystals by evaporation in vacuo and intermittent cooling. 2,034,615; Mar. 17.
- Gensecke, Wilhelm, Gonzenheim, near Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Apparatus for treating oils and fats. 2,042,711; June 2.
- Gent, Edgar W., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Camera supporting and controlling device. 2,037,162; Apr. 14.
- Gent, Edgar W., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical meter. 2,038,277; Apr. 21.
- Genter, Albert L., Baltimore, Md. Paper structure. 2,045,849; June 30.
- Genther, Cecil E., et al. (See Burke, Arthur R., assignor.)
- Gentile, Virginio J., Summit, N. J. Permanent waving sachet. 2,055,099; Sept. 22.
- Gentile, Virginio J., Summit, N. J. Curling hair. 2,066,146; Dec. 29.
- Gentle, Alexander H. (See Dickie, W. A., and Gentle.)
- Gentle, William M., et al. (See Ziegler, George J., assignor.)
- Gény, Alfred J., Amiens, France. Gear cutter for the cutting of curved teeth gears. 2,038,897; Apr. 28.
- Geometric Tool Company, The. (See Breitenstein, Albert F., assignor.)
- Geophysical Research Corporation. (See North, Willard, assignor.)
- Geophysical Research Corporation. (See Owen, John E., assignor.)
- Geophysical Research Corporation. (See Weatherby, Benjamin B., assignor.)
- George, Anthony. (See Reed, R. F., Dorst, and George.)
- George, Charles L., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Railroad highway crossing. 2,048,157; July 21.
- George, Coy, Highlandale, Miss. Machine for dusting plants with an insecticide. 2,057,332; Oct. 13.
- George, Edwin S., Bloomfield Hills, and H. L. Blydenburgh, Highland Park, assignors to The Moto-Mower Company, Detroit, Mich. Power lawn mower. 2,041,126; May 19.
- George, Frank L., Glendale, Calif. Key and key frame for grand pianos. 2,040,304; May 12.
- George, Fred, assignor to The Hinde and Dauch Paper Company, Sandusky, Ohio. Decorative material and article. 2,027,586; Jan. 14.
- George, Henri, assignor to Societe Anonyme Des Manufactures Des Glaces & Produits Chimiques De Saint-Gobain, Chauny & Cirey, Paris, France. Mold and manufacturing the same. 2,037,228; Apr. 14.
- George, James A., Brackenridge, Pa. Tire trimming device. 2,035,802; Mar. 31.
- George, James A., Brackenridge, Pa. Tire trimming device. 2,065,448; Dec. 22.
- George, Ralph W. (See Peterson, H. O., and George, assignors.)
- George, Ralph W., Riverhead, N. Y., assignor to Radio Corporation of America. Ultra short wave receiver. 2,031,103; Feb. 18.
- George, Ralph W., Riverhead, N. Y., assignor to Radio Corporation of America. Superregenerative receiver. 2,033,982; Mar. 17.
- George, Ralph W., Riverhead, N. Y., assignor to Radio Corporation of America. Receiving means. 2,035,745; Mar. 31.
- George, Ralph W., Riverhead, N. Y., assignor to Radio Corporation of America. Superregenerative receiver. 2,036,690; Apr. 7.



- George, Walter C., assignor to Robert Gaylord, Incorporated, St. Louis, Mo. Roll paper chuck. 2,058,224; Oct. 20.
- George, Walter C., assignor to Robert Gaylord, Incorporated, St. Louis, Mo. Steamer and preheater for corrugating machines. 2,065,576; Dec. 29.
- George, William I. F. (See Poirier, Maurice, assignor.)
- Georger, Clifford H., Buffalo, N. Y. Closure for paste tubes. 2,055,819; Sept. 29.
- Georges, Frank. (See Whitfield, C., and Georges.)
- Georgia Peach Growers Exchange. (See Murray, William M., assignor.)
- Georgiev, Alexander, Brooklyn, N. Y., assignor to Aerovox Corporation. Electrolytic condenser. 2,057,094; Oct. 13.
- Georgilas, Anthony J., Detroit, Mich. Washing machine means for elevating clothes therein. 2,041,639; May 19.
- Gephardt, Julius, Washington, Mo. Fur bearing animal trap. 2,047,063; July 7.
- Gephart, Valentine, Seattle, Wash. Mixing device. 2,033,518; Mar. 10.
- Geppert, Karl, assignor to Kugelfischer Erste Automatische Gussstahlkugelfabrik vorm. Friedrich Fischer, Schweinfurt-on-the-Main, Germany. Measuring the hardness of abrasive disks. 2,029,066; Jan. 28.
- Geraldson, Gerald, assignor to J. I. Case Company, Racine, Wis. Tractor planter. 2,031,640; Feb. 25.
- Gerard, August and G. A., assignors to Cotton-Wood Products, Inc., Reading, Mass. Method and machine for making cushion pads. 2,028,388; Jan. 21.
- Gerard, George A. (See Gerard, August, and G. A.)
- Gerard, Peter, Charleroi, Pa. Dust arrester. 2,057,568; Oct. 13.
- Gerardi, Aldo, Galliate, Italy. Front wheel suspension for motor cars. 2,064,107; Dec. 15.
- Gerb, William, Berlin, Germany. Producing insulating mats. 2,045,384; June 23.
- Gerber, Armand, Saint-Etienne, France. Reflecting sign or signal. 2,049,367; July 28.
- Gerber, John L., Pittsburgh, Pa., assignor to Bronze Die Casting Company. Pickling chain. 2,049,254; July 28.
- Gerbert, Otto F. (See Hofmann, W., and Gerbert.)
- Gerdes, Francis L. (See Bennett, C. A., and Gerdes.)
- Gerdien, Hans, Berlin-Grunewald, and H. Neumann, Berlin-Siemensstadt, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Acoustic device. 2,047,367; July 14.
- Gerdts, Gustav F., Bremen, Germany. Steam trap. 2,040,735; May 12.
- Gerdts, Gustav F., Bremen, Germany. Connected valve. 2,044,162; June 16.
- Gerdts, Gustav F., Bremen, Germany. Fluid flow indicator for steam traps. 2,046,113; June 30.
- Gerdts, Gustav F., Bremen, Germany. Controlling device for water returned to boilers. 2,064,795; Dec. 15.
- Gerhard, Charles E., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Multiple aerial switch. 2,062,172; Nov. 24.
- Gerhard, Ernst, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Radio receiver for ultra short waves. 2,039,897; May 5.
- Gerhard, Ernst, Berlin, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Duplex communication system. 2,045,224; June 23.
- Gerhard, Ernst, Furth, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Radio communication with very short waves. 2,060,934; Nov. 17.
- Gerhardt, Reginald B. (See Kenney, E. F., Gerhardt and Dudley.)
- Gerhart, Arthur J., Lorain, Ohio. Electric signaling device. 2,032,841; Mar. 3.
- Gerhart, Howard L., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Tree surgery. 2,051,840; Aug. 25.
- Gerhold, Clarence G. (See Borst, W. B., and Gerhold.)
- Gerin, Jacques, Boulogne-sur-Seine, France. Airplane having variable lifting surfaces. 2,049,006; July 28.
- Gerke, Roscoe H., Nutley, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Treating rubber surfaces and articles produced thereby. 2,057,717; Oct. 20.
- Gerlach, Frank A., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Cylinder construction for washing machines or the like. 2,062,021; Nov. 24.
- Gerlach, Richard G., Philadelphia, Pa. Apparatus for removing deposits of carbon, paints, varnish, and the like from engine parts. 2,037,071; Apr. 14.
- Gerlach, Wilhelm, Frankfurt-on-the-Main, Germany, assignor to E. P. Dieseldorff, Coban, Guatemala. Production of the metal elements of sliding clasp fastener strips. 2,047,368; July 14.
- Gerland, Harry A., Baltimore, Md. Machine for making pretzels. 2,031,365; Feb. 18.
- Gerland, Harry A., Baltimore, Md. Pretzel making machine. 2,053,608; Sept. 8.
- Gerlinger, Carl F., Dallas, Oreg. Car axle drive. 2,040,932; May 19.
- Gerlip, George, Neepawa, Manitoba, Canada. Grain door and associated mechanism. 2,029,229; Jan. 28.
- Germain Manufacturing Company. (See Campbell, Stanley E., assignor.)
- German, Freddie H., Hawthorne, assignor to Germer Textile Patents, Inc., Paterson, N. J. Yarn tension and moisture control means for knitting machines. 2,046,293; June 30.
- German, Albert F. O. (See Barnett, H. M., Frohring, and German.)
- German, George. (See Evans, R. B., Dilg, and German.)
- Germanton, Charles E., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,056,265; Oct. 6.
- Germer, Edmund. (See Spanner, H. J., and Germer.)
- Germer Textile Patents, Inc. (See German, Freddie H., assignor.)
- Germint Limited. (See MacLennan, Duncan T. S., assignor.)
- Germundsson, Agne K. H., Stockholm, Sweden. Automatic calendar. 2,026,882; Jan. 7.
- Gernandt, Waldo G., Hayward, Calif. Engine. 2,061,571; Nov. 24.
- Gernandt, Waldo G., Hayward, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation. Internal combustion engine. 2,038,214; Apr. 21.
- Gerolami, Ermanno, and S. Arata, Monfalcone, Italy. Salvage device for submarines. 2,055,286; Sept. 22.
- Gerow, James W., Reno, Nev. Nail file. 2,026,970; Jan. 7.
- Gerrard Company, The. (See King, T. J., and Zimmerman, assignors.)
- Gerrish, Roy I. (See Whisk, Samuel, assignor.)
- Gerritsen, Dirk J. (See de Nooij, J. C., and Gerritsen.)
- Gerrmann, Meredith R., assignor to H. Hildebrandt, Chicago, Ill. Duplicator. 2,062,876; Dec. 1.
- Gerschefski, Otto J., assignor to The Herco Art Manufacturing Company, Meriden, Conn. Supporting stand. 2,055,761; Sept. 29.
- Gerschefski, Otto J., assignor to The Herco Art Manufacturing Company, Meriden, Conn. Molding apparatus. 2,055,762; Sept. 29.
- Gerson, Kurt A., London, England. Breathing apparatus. 2,045,907; June 30.
- Gerstenberg, Aage, Frederiksberg, near Copenhagen, Denmark. Kneading machine for margarine and the like. 2,039,162; Apr. 28.
- Gerstenberg, Aage, Frederiksberg, near Copenhagen, Denmark. Apparatus for kneading of margarin and other edible fatty substances. 2,050,654; Aug. 11.
- Gerstle, John, Dayton, Ohio, assignor to C. Brown, Newark, N. J. Audion tube tester. 2,050,092; Aug. 4.
- Gerstman, Irving, Buffalo, N. Y. Garment. 2,032,982; Mar. 3.
- Gerth, Felix, Berlin-Tempelhof, and R. Kielhorn, Berlin-Pankow, assignors to C. Lorenz Aktiengesellschaft, Berlin, Tempelhof, Germany. Condenser. 2,065,921; Dec. 29.
- Gerth, Max M. (See Near, H. B., Pacini, Crosley, Gerth, Breidigam and Kelly.)
- Gertler, Samuel E., assignor of one-half to H. I. Stein, New York, N. Y. Hardening metals. 2,032,694; Mar. 3.
- Gertz, Edward F., Sr., Racine, Wis. Greenhouse. 2,062,972; Dec. 1.
- Gertz, Samuel M., assignor to All American Slide Corporation, Chicago, Ill. Stereopticon slide. 2,041,466; May 19.
- Gervais, Joseph A., Toronto, Ontario, Canada, assignor to Dlog, Inc., Buffalo, N. Y. Mill. 2,063,996; Dec. 15.
- Gerwer, Theodore J., West New Brighton, Staten Island, N. Y. Windshield defroster. 2,059,990; Nov. 3.
- Gesellschaft fur Drahtlose Telegraphie m. b. H. (See Poggendorff, Adolf, assignor.)
- Gesellschaft für Elektrische Apparate, m. b. H. (See Hort, Hermann, assignor.)
- Gesellschaft für Wirtschaftsbedarf. (See Eckert, Alfred, assignor.)
- Geske, Carl, and C. E. Yost, Grand Rapids, assignors to Winters & Crampton Corporation, Grandville, Mich. Refrigerator latch. 2,044,500; June 16.
- Gessler, Samuel, assignor to Rubini Cigar Company, Inc., Chicago, Ill. Dice box. 2,060,463; Nov. 10.
- Getaz, Emile, Durban, Natal, Union of South Africa. Coin operated liquid measuring and dispensing device. 2,049,836; Aug. 4.
- Getaz, James L., Maryville, Tenn. Knitting. 2,054,217; Sept. 15.
- Getaz, James L., Maryville, Tenn., assignor to Scott & Williams, Incorporated, New York, N. Y. Two-color lap stripe mechanism. 2,045,459; June 23.
- Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric heating of liquids. 2,052,396; Aug. 25.
- Getchell, Raymond E., assignor to B. F. Perkins & Son, Inc., Holyoke, Mass. Twisting machine. 2,036,173; Mar. 31.
- Getty, Andrew J. G., and T. A. Luke, McComas, W. Va. Conveyer loader. 2,043,747; June 9.
- Getty, Fred I., Jennings, La. Light control system. 2,053,187; Sept. 1.
- Getty, Fred I., Jennings, La. Circuit closer for steering wheels. 2,053,188; Sept. 1.
- Getty, H. S., & Co. Inc. (See Eichel, John V., Jr., assignor.)
- Gettys, William M., Greeley, Colo. Power take-off device. 2,047,024; July 7.
- Getz, Forry R., New York, N. Y. Detachable camera tripod head. 2,029,230; Jan. 28.
- Gevaudan-Delawanna, Inc. (See Kretchmar, G., and Collaud, assignors.)



- Gewalt, William C., assignor to S. C. Johnson & Son, Inc., Racine, Wis. Fountain mop. 2,047,199; July 14.
- Gewalt, William C., deceased, by First National Bank & Trust Company, administrator, assignor to S. C. Johnson & Son, Inc., Racine, Wis. Fountain mop. 2,053,282; Sept. 8.
- Geyer, Ernest H. (See Kerr, John W., assignor.)
- Geyer, Harold H. (See Loudon, R. L., and Geyer.)
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Resilient mounting unit. 2,026,625; Jan. 7.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Quick-assembled sectional cabinet. 2,028,058; Jan. 14.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Flexible metal freezing tray. 2,028,059; Jan. 14.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Solid lubricating material. 2,029,366; Feb. 4.
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Composite rubber piston. 2,029,367; Feb. 4.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Resilient universal joint. 2,030,788; Feb. 11.
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Grinding wheel. 2,038,727; Apr. 28.
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Resilient mount for electric motors. 2,044,385; June 16.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Oscillating pivot joint unit. 2,048,256; July 21.
- Geyer, Harvey D., Dayton, Ohio, assignor by mesne assignments, to General Motors Corporation, Detroit, Mich. Resilient coupling for transmitting power. 2,051,442; Aug. 18.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Storage battery container. 2,054,699; Sept. 15.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Flywheel. 2,060,565; Nov. 10.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Anti-squeak trim strip for automobile fenders. 2,060,566; Nov. 10.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Continuous freezing device. 2,064,655; Dec. 15.
- Geyer, Harvey D., and W. S. Whittaker, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Frozen confection. 2,033,238; Mar. 10.
- Geyer, Paul W., New York, N. Y. Signaling system. 2,065,308; Dec. 22.
- Ghadiali, Dinshah P., Malaga, N. J. Color wave projection apparatus. 2,038,784; Apr. 28.
- Ghignatti, Gabriel P., Cattanooga, Tenn. Vacuum cleaner attachment. 2,064,903; Dec. 22.
- Giallanza, Giuseppe G., Highland Park, Ill. Spool holder for sewing machines. 2,036,035; Mar. 31.
- Gianninoto, Frank A., Yonkers, and A. I. Friedman, Brooklyn, N. Y. Collapsible drawing table. 2,031,477; Feb. 18.
- Giara, Emil J., Corbin, Ky. Governor. 2,045,706; June 30.
- Giard, Eugene A., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Illumination tube. 2,033,375; Mar. 10.
- Giarratna, Joseph. (See Lee, J. F., and Giarratna.)
- Gibb, Claude D. (See Bedford, F. G. H., and Gibb.)
- Gibbons, Henry B., and R. C. Hoff, Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Balancing apparatus. 2,058,784; Oct. 27.
- Gibbons, John S. (See Coutts, M. W., and Gibbons.)
- Gibbons, John T., assignor to Joseph Bancroft & Sons Co., Rockford, Wilmington, Del. Fabric finishing. 2,036,036; Mar. 31.
- Gibbons, Joseph T., Washington, D. C., assignor to W. C. Krout, Charlotte, N. C. Method of and device for packaging laundry. 2,063,547; Dec. 8.
- Gibbs, Allison J. (alias Allison Gibbs, Jr.) (See Rand, Silas J., assignor.)
- Gibbs, Charles R., assignor to Kalamazoo Vegetable Parchment Company, Parchment, Mich. Kitchen paper rack. 2,056,572; Oct. 6.
- Gibbs, Jacob P., assignor of one-half to L. J. Miller, Oklahoma City, Okla. Fishing device. 2,033,701; Mar. 10.
- Gibbs, John C., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure cap and package. 2,032,931; Mar. 3.
- Gibbs, Leon M., Birmingham, Ala., assignor to Teleswitch Corporation. Track instrument. 2,046,157; June 30.
- Gibbs, Lloyd T. (See Riney, A. H., and Gibbs.)
- Gibbs Manufacturing Company, The. (See Crites, Bert O., assignor.)
- Gibbs, Orma L., assignor of one-half to E. B. Berkowitz, Kansas City, Mo. Fan. 2,032,610; Mar. 3.
- Gibbs, Ralph F., Norton, Mass., assignor to The Improved Seamless Wire Company, Providence, R. I. Manufacture of metal stock. 2,038,278; Apr. 21.
- Gibbs, Robert H., Floral Park, assignor of one-half to M. Blake, Garden City, N. Y. Valve construction. 2,048,858; July 28.
- Gibraltar Corrugated Paper Co. Inc. (See Taub, Edward A., assignor.)
- Gibson, Alfred, and A. Gibson, Boston, Mass. Building block. 2,037,465; Apr. 14.
- Gibson, Alfred E., Cleveland Heights, assignor to The Wellman Engineering Company, Cleveland, Ohio. Drag line bucket. 2,028,598; Jan. 21.
- Gibson, Arthur. (See Gibson, Alfred, and A.)
- Gibson Electric Refrigerator Corp. (See Smith, Russell T., assignor.)
- Gibson Electric Refrigerator Corporation. (See Smith, R. T., and Tarleton, assignors.)
- Gibson Electric Refrigerator Corporation. (See Touborg, Jens, assignor.)
- Gibson, George B. (See Engert, G. A., and Gibson.)
- Gibson, George H., Upper Montclair, N. J. Combustion control. 2,042,838; June 2.
- Gibson, George H., Upper Montclair, N. J. Water purification. 2,054,798; Sept. 22.
- Gibson, George M., assignor to National Metal Products Company, Waterloo, Iowa. Valve mechanism for controlling a drier. 2,062,126; Nov. 24.
- Gibson, Harry C., Wharton, N. J., D. L. Woodberry, Aberdeen, Md., J. Stank, Wharton, N. J. Fuse for candles and the like. 2,042,461; June 2.
- Gibson, J. Lowell, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,059,942; Nov. 3.
- Gibson, James M., and N. O. Hultgren, Altoona, Pa. Adjustable sediment bulb attachment for internal combustion engine cooling systems. 2,050,091; Aug. 4.
- Gibson Jennings Corporation. (See Gibson, L. H., and Jennings.)
- Gibson, Jesse G., Bradford, assignor of fifty-one per cent to Bovard and Company, Bradford, Pa. Bar clamp for belts. 2,029,162; Jan. 28.
- Gibson, Lester H., Boston, and I. E. Jennings, Winchester, assignors to Gibson-Jennings Corporation, Boston, Mass. Doughnut cooking machine. 2,047,262; July 14.
- Gibson, Miles O. (See Lownes, E. J., Jr., and Gibson.)
- Gibson, Oliver E., assignor to United States Gypsum Company, Chicago, Ill. Method and apparatus for expanding sheet metal. 2,046,621; July 7.
- Gibson Patent Containers, Ltd. (See Barnard, E. W., and Leopold, assignors.)
- Gibson Patent Containers, Limited. (See Leopold, S. N., and Powell, assignors.)
- Gibson Patent Containers, Ltd. (See Powell, H. K., and Leopold, assignors.)
- Gibson, Robert assignor of thirty-seven and one-half per cent to J. Kalbhenn, New Waterford, Nova Scotia, and thirty-seven and one-half per cent to Peacock Brothers Limited, Montreal, Quebec, Canada. Automatic shaker shovel. 2,027,639; Jan. 14.
- Gibson, William A., Succasunna, N. J., assignor to Secretary of War of the United States of America, trustee. Absorbing the energy of a falling body. 2,035,367; Mar. 24.
- Gibson, William D., Company, The. (See Zimmerli, Franz P., assignor.)
- Gibson, William T. and D. H. Black, Aldwych, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y. Electronic indicating device. 2,059,575; Nov. 3.
- Giddings & Lewis Machine Tool Co. (See Kraut, H. B., and Gallimore, assignors.)
- Gideon, Lehman A., Bismarck, Mo. X-ray film packet. 2,049,497; Aug. 4.
- Giegy, J. R., A. G. (See Mettler, Carl, assignor.)
- Gielen, Cyrille, Sr., West Paterson, N. J. Gas tank safety valve. 2,062,218; Nov. 24.
- Gielow, Harry C., Elgin, Ill., assignor to The L. S. Starratt Company, Athol, Mass. Inside micrometer centering device. 2,030,864; Feb. 18.
- Giertsens, Oyvind N., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collecting apparatus. 2,038,279; Apr. 21.
- Gies, Walter G., Waterbury, Md. Typewriter type cleaner. 2,057,022; Oct. 13.
- Giesinger, Mathilde, New York, N. Y. Cover wrench. 2,056,848; Oct. 6.
- Gieskieng, Marion W., Little Rock, Ark. Tire condition indicator. 2,033,424; Mar. 10.
- Giesler, Jean V., and W. B. Mackintosh, assignors to The Fulton Syphon Company, Knoxville, Tenn. Electrothermally operated valve. 2,044,427; June 16.
- Giesl-Gieslingen, Adolf, New York, N. Y. Locomotive draft appliance. 2,055,526; Sept. 29.
- Giffin, Sidney H., Baltimore, Md., assignor to American Telephone and Telegraph Company. Telegraph testing system. 2,034,806; Mar. 24.
- Gifford, Albert J., Shrewsbury, assignor to Leland-Gifford Company, Worcester, Mass. Oil burning system and apparatus. 2,056,703; Oct. 6.
- Giger-Knüssli, Ernst, Zurich-Hongg, Switzerland. Valve. 2,030,143; Feb. 11.
- Gignoux, Fred E., Cape Elizabeth, Maine. Shock absorber for doors. 2,040,986; May 19.
- Gilardi, Julio, Mexico, D. F., Mexico. Case for ampullæ and the like. 2,035,803; Mar. 31.
- Gilardoni, Lewis T., Birmingham, Ala. Dating and numbering machine. 2,063,427; Dec. 8.



- Gilbane, Frank J., assignor to Automatic Fire Alarm System, Inc., St. Louis, Mo. Thermostat for fire alarm systems. 2,059,689; Nov. 3.
- Gilbert, A. C., Company. The. (See Arnold, Arthur A., assignor.)
- Gilbert, A. C., Company, The. (See Gilbert, Alfred C., assignor.)
- Gilbert, A. C., Company, The. (See Gilbert, A. C., and Arnold, assignors.)
- Gilbert, A. C., Company, The. (See Gilbert, A. C., and Morse, assignors.)
- Gilbert, Alfred C., North Haven, assignor to The A. C. Gilbert Company, New Haven, Conn. Toy locomotive. 2,030,201; Feb. 11.
- Gilbert, Alfred C., North Haven, assignor to The A. C. Gilbert Company, New Haven, Conn. Humidifier. 2,047,025; July 7.
- Gilbert, Alfred C., North Haven, and S. P. Morse, East Haven, assignors to The A. C. Gilbert Company, New Haven, Conn. Kitchen utility device. 2,027,036; Jan. 7.
- Gilbert, Alfred C., North Haven, and A. A. Arnold, assignors to The A. C. Gilbert Company, New Haven, Conn. Kitchen utility device. 2,031,769; Feb. 25.
- Gilbert, Alfred C., North Haven, and A. A. Arnold, assignors to The A. C. Gilbert Company, New Haven, Conn. Kitchen utility device. 2,031,770; Feb. 25.
- Gilbert, Alfred C., North Haven, and A. A. Arnold, assignors to The A. C. Gilbert Company, New Haven Conn. Kitchen utility device. 2,032,571; Mar. 3.
- Gilbert, Alfred G., South Acton, assignor to Reece Folding Machine Company, Boston, Mass. Infolding machine. 2,059,335; Nov. 3.
- Gilbert, Alice H., administratrix. (See Gilbert, Erwin V.)
- Gilbert & Barker Manufacturing Company. (See De Lancey, Warren H., assignor.)
- Gilbert & Barker Manufacturing Company. (See Logan, Joseph A., assignor.)
- Gilbert & Barker Manufacturing Company. (See Logan, J. A., and Spear, assignors.)
- Gilbert, Charles E., New York, N. Y. Electrical contact. 2,046,509; July 7.
- Gilbert, Charles E., New York, N. Y. Electrical connector. 2,060,617; Nov. 10.
- Gilbert, Chester G. (See Briggs, S. W., and Gilbert.)
- Gilbert, Chester G., Washington, D. C., assignor to Research Corporation, New York, N. Y. Cleaning composition. 2,038,653; Apr. 28.
- Gilbert, Chester G., Washington, D. C., assignor to Research Corporation, New York, N. Y. Spherulizing fusible pulverizable filler material. 2,044,680; June 16.
- Gilbert, Clara B. (See Bohannon, W. A., and Gilbert.)
- Gilbert Corporation. (See Gilbert, Roswell W., assignor.)
- Gilbert, Erwin V., deceased, Hartford, Conn., A. H. Gilbert, administratrix. Heat treating furnace. 2,064,532; Dec. 15.
- Gilbert, Eskell, Jasper, Ala. Protector. 2,028,060; Jan. 14.
- Gilbert, Frank B. (See Dwyer, F. W., and Gilbert.)
- Gilbert, Harvey N., Niagara Falls, N. Y., assignor to The E. I. du Pont de Nemours & Company Incorporated, Wilmington, Del. Metal recovery. 2,029,998; Feb. 4.
- Gilbert, Harvey N., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separation of metals. 2,054,316; Sept. 15.
- Gilbert, Harvey N., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del. Electrolysis of fused salts. 2,056,184; Oct. 6.
- Gilbert, James W., assignor of one-half to E. F. Walker, Johnstown, Pa. Refrigeration system. 2,050,002; Aug. 4.
- Gilbert, James W., and E. F. Walker, Johnstown, Pa. Refrigerating system. 2,061,869; Nov. 24.
- Gilbert, Neil S., Springfield, Mass., and W. N. Gilbert, Waterbury, Vt. Dirigible headlight. 2,051,252; Aug. 18.
- Gilbert, Ralph A., Pittsfield, Mass., assignor to General Electric Company. Welding electrode. 2,049,368; July 28.
- Gilbert, Roswell W., assignor to Gilbert Corporation, East Orange, N. J. Potentiometric indicator. 2,059,786; Nov. 3.
- Gilbert, Samuel, Verona, assignor to Eclipse Aviation Corporation, East Orange, N. J. Variable pitch propeller. 2,049,954; Aug. 4.
- Gilbert, Victor G. W., London, England, assignor, by mesne assignments, to American-La France-Foamite Corporation. Foam producer. 2,049,255; July 28.
- Gilbert, Victor G. W., London, England, assignor, by mesne assignments, to American-La France-Foamite Corporation. Foam production. 2,051,841; Aug. 25.
- Gilbert, Walter, Sr., Johnstown, Pa. Shaft seal. 2,049,955; Aug. 4.
- Gilbert, Walter V., London, England. Corrosion inhibitor. 2,060,192; Nov. 10.
- Gilbert, William N. (See Gilbert, Neil S. and W. N.)
- Gilbert, William N. (See Gumplich, W., and Gilbert.)
- Gilbert, William N. (See Von Pein, E. J., and Gilbert.)
- Gilbert, William N., Hudson Heights, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Weighing and counting scale. 2,030,444; Feb. 11.
- Gilbertson, Isaac H., assignor to The Calico Printer's Association Limited, Manchester, England. Printing machine. 2,038,728; Apr. 28.
- Gilbo, Einar, Oslo, Norway. Feeding device for foxes, poultry, or other animals confined in cages or similar rooms. 2,052,460; Aug. 25.
- Gilby Wire Company. (See Dester, William F., assignor.)
- Gilby Wire Company. (See Marino, Anthony J., assignor.)
- Gilchrist, Charles T. (See Clark, William T., assignor.)
- Gilchrist, David, Cleveland, Ohio, assignor, by mesne assignments, to The New Britain-Gridley-Machine Company, New Britain, Conn. Machine tool. 2,054,018; Sept. 8.
- Gilchrist, Gibb, et al. (See Pierce, Orbra C., assignor.)
- Gildersleeve, Arthur P., Denver, Colo. Drinking tube. 2,063,803; Dec. 8.
- Giles, Jeremiah D., Buffalo, N. Y. Colored composition shingle. 2,036,329; Apr. 7.
- Giles, Louis E., New York, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Suspender slide. 2,064,423; Dec. 15.
- Giles, William R. (See Pasternack, R., and Giles.)
- Gilfillan, Paul M., assignor to Shellmar Products Company, Chicago, Ill. Container. 2,026,626; Jan. 7.
- Gilford, Edwin F. (See Doherty, W. J., and Gilford.)
- Gilgenbach, Leo, Malone, Wis. Seeder machine. 2,051,699; Aug. 18.
- Gilgenbach, Leo, Malone, Wis. Pocket handkerchief simulation. 2,060,729; Nov. 10.
- Gilkeson, Adlai H., et al. (See Oglesby, N. E., Kessler, and Gilkeson.)
- Gill, Alan S. (See Williams, R. T. D., and Gill.)
- Gill, Augustus H., Belmont, assignor to The Gill Corporation, Cambridge, Mass. Treatment of textile fibers. 2,026,735; Jan. 7.
- Gill, Augustus H., Belmont, assignor to The Gill Corporation, Cambridge, Mass. Treatment of textile fibers and product of same. 2,046,555; July 7.
- Gill, Charles C., R. O. Julian, J. W. McIlwraith, and C. F. Rutledge, assignors of one-half to J. W. McIlwraith and one-half to C. F. Rutledge, Elwood, Ind. Sectional door mechanism. 2,042,175; May 26.
- Gill, Claude W. (See Wood, Joseph L., assignor.)
- Gill Corporation, The. (See Gill, Augustus H., assignor.)
- Gill Corporation, The. (See Gill, Paul H., assignor.)
- Gill, Harry R., Ashland, Ohio. Inflatable toy. 2,027,225; Jan. 7.
- Gill, James F. (See Bailey, H. H., and Gill.)
- Gill, James P., assignor to Vanadium-Alloys Steel Company, Latrobe, Pa. Stainless ferrous alloy. 2,052,136; Aug. 25.
- Gill, Lowell O., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Treatment of soy beans. 2,026,676; Jan. 7.
- Gill, Merle A., Kansas City, assignor to N. S. Hillyard, St. Joseph, Mo. Firearm. 2,042,934; June 2.
- Gill, Paul H., Belmont, assignor to The Gill Corporation, Cambridge, Mass. Ink transfer media. 2,036,471; Apr. 7.
- Gill, Sidney. (See Addy, R., and Gill.)
- Gill, Walter L., and V. C. Kincaid, Redlands, Calif., said Kincaid assignor to said Gill. Heating, drying, and sterilizing cabinet for towels and the like. 2,060,065; Nov. 10.
- Gille, Raymond G. (See Kirby, J. N., and Gille.)
- Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Two-stage valve. 2,029,615; Feb. 4.
- Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motorized control mechanism. 2,032,658; Mar. 3.
- Gillen, Daniel A., New York, N. Y. Fire extinguishing system. 2,053,075; Sept. 1.
- Gillen, George A., Bronx, N. Y. Gearing. 2,040,933; May 19.
- Gillen, George A., Bronx, N. Y. Mechanical movement. 2,040,934; May 19.
- Gillespie, Charles P., Houston, assignor of one-fourth to J. R. Turnbull, and one-fourth to R. A. Irwin, Harris County, Tex. Well packer. 2,026,883; Jan. 7.
- Gillespie, Henderson C., assignor to Communication Patents, Inc., New York, N. Y. Electrical discharge control and television system. 2,063,804; Dec. 8.
- Gillespie, Henry C. (See Stern, C., Davis, and Gillespie.)
- Gillespie, John F., Philadelphia, Pa. Block for block and tackle. 2,060,730; Nov. 10.
- Gillespie, Mazella H., et al. (See Kramer, Arthur P., assignor.)
- Gillespie, Percy J., Golders Green, London, England. Drawing-off slivers in combing and like machines used in the preparation of textile fibers for spinning. 2,048,444; July 21.
- Gillet, Alexis F., assignor to Jubilee Manufacturing Co., Omaha, Nebr. Reed actuated signal. 2,061,762; Nov. 24.
- Gillet, Alexis F., assignor to Jubilee Manufacturing Co., Omaha, Nebr. Dual resonator. 2,062,571; Dec. 1.
- Gillet, Alexis F., Omaha, Nebr., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Warning signal generator. 2,063,872; Dec. 8.
- Gillet, Alexis F., Omaha, Nebr., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Suction actuated warning mechanism. 2,066,000; Dec. 29.
- Gillet, Alexis F., Omaha, Nebr., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Actuating mechanism for warning signals. 2,066,001; Dec. 29.



- Gillet, André A., assignor to Societe Pour L' Exploitation Des Brevets A. G. I., Paris, France. Cinematograph apparatus. 2,037,972; Apr. 21.
- Gillett, Frank L., Los Angeles, and J. S. Morgan, Jr., Inglewood, Calif., assignors, by mesne assignments, to The National Superior Company, Toledo, Ohio. Honing tool. 2,031,156; Feb. 18.
- Gillett, James B., Marfa, Tex. Bathtub safety device. 2,056,849; Oct. 6.
- Gillette, Claude S., United States Navy. Sealing means. 2,062,305; Dec. 1.
- Gillette, Clyde F., New York, assignor to United Research Corporation, Long Island City, N. Y. Composite picture. 2,028,975; Jan. 28.
- Gillette, Edward P., assignor to Gillette Research Corporation, Toledo, Ohio. Method and apparatus for burning lime stone and recovering carbon dioxide. 2,047,064; July 7.
- Gillette, Edward P., assignor to Gillette Research Corporation, Toledo, Ohio. Gas generator. 2,058,437; Oct. 27.
- Gillette, John A., Oak Park, Ill. Collating device. 2,052,348; Aug. 25.
- Gillette, Lillian H., Ossining, N. Y. Automobile ventilation. 2,039,403; May 5.
- Gillette Research Corporation. (See Gillette, Edward P., assignor.)
- Gillette Safety Razor Company. (See Claisse, Arnold J., assignor.)
- Gillette Safety Razor Company. (See Claisse, Herbert L., assignor.)
- Gillette Safety Razor Company. (See Gaisman, Henry J., assignor.)
- Gillette Safety Razor Company. (See Gustafson, Henry A., assignor.)
- Gillette Safety Razor Company. (See Hines, Francis J., assignor.)
- Gillette Safety Razor Company. (See Knobel, M., and Young, assignors.)
- Gillette Safety Razor Company. (See Lewando, Felix J., assignor.)
- Gillette Safety Razor Company. (See McWilliams, Joseph E., assignor.)
- Gillette Safety Razor Company. (See Muros, Joseph, assignor.)
- Gillette Safety Razor Company. (See Smith, T. L., and Testi, assignors.)
- Gillette Safety Razor Company. (See Stampleman, Samuel C., assignor.)
- Gillette Safety Razor Company. (See Stargardt, Albert R., assignor.)
- Gillette Safety Razor Company. (See Testi, Nicholas, assignor.)
- Gillette Safety Razor Company. (See Werner, William F., assignor.)
- Gillette, Walter I., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 2,034,031; Mar. 17.
- Gilliam-Stroud, Inc., et al. (See Stroud, William A., assignor.)
- Gilliatt, Ollie, Washington, assignor to Vincennes Packing Corporation, Vincennes, Ind. Tomato-juice extractor. 2,048,791; July 28.
- Gillick, Lawrence H., Evanston, and E. A. Russell, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Vapor regulator. 2,030,580; Feb. 11.
- Gillies, Alfred J., Toronto, Ontario, Canada. Centrifugal clutch. 2,027,970; Jan. 14.
- Gillinder Brothers, Inc. (See Dunn, John C., and Klein, assignors.)
- Gillis, Randall. (See Anderson, H. A., Gillis, Kagi, and Prendergast.)
- Gillis, Randall, LaGrange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Lubricating and protective coating. 2,038,215; Apr. 21.
- Gilman, Clarence C., Alhambra, Calif. Rotary display device and operating means therefor. 2,063,599; Dec. 8.
- Gilman, George H., Newark, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Portable drilling rig. 2,026,627; Jan. 7.
- Gilman, Martin J., Gilman, Conn. Football dummy. 2,037,508; Apr. 14.
- Gilman, Norman H. (See Caminez H., and Gilman.)
- Gilmer, Ernest E., Portland, Oreg. Shingle planing machine. 2,065,801; Dec. 29.
- Gilmer, L. H., Co. (See Geare, Randolph E. S., assignor.)
- Gilmer, Virginia L., Anderson, S. C. Shoe shining machine. 2,044,428; June 16.
- Gilmore, Benjamin V., Seth, W. Va., assignor to Frick Company, Waynesboro, Pa. Wedge cutting machine. 2,054,218; Sept. 15.
- Gilmore, Chace D., assignor to Peerless Springs, Incorporated, West Chester, Pa. Machine for connecting upholstery springs with each other. 2,058,679; Oct. 27.
- Gilmore, Delbert B., Erie, assignor to Hookless Fastener Company, Meadville, Pa. Slider for slide fasteners. 2,027,327; Jan. 7.
- Gilmore, Delbert B., Erie, assignor to Hookless Fastener Company, Meadville, Pa. Slider for slide fasteners and making same. 2,048,650; July 21.
- Gilmore, Flood A., Gloucester, N. J. Floral rack. 2,050,171; Aug. 4.
- Gilmore, Jackson G., and M. D. Huston, assignors to Franklin Oil Heating Inc., Columbus, Ohio. Air distributor for oil burners. 2,039,591; May 5.
- Gilmore, Otto C., Los Angeles, Calif., assignor, by mesne assignments, to Cosmocolor Corporation, New York, N. Y. Color motion picture camera. 2,050,223; Aug. 4.
- Gilmore, Otto C., Los Angeles, Calif., assignor, by mesne assignments, to Cosmocolor Corporation, New York, N. Y. Projector for color motion pictures. 2,050,224; Aug. 4.
- Gilmore, William L., Meadville, Pa., assignor to Hookless Fastener Company, Making separable fasteners. 2,050,999; Aug. 11.
- Gilowitz, Benjamin, Bronx, N. Y., assignor of one-fourth to William Joseph, New York, N. Y. Fire escape. 2,029,419; Feb. 4.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Railway car structure. 2,030,748; Feb. 11.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Railway car door. 2,037,072; Apr. 14.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Railway car construction. 2,040,045; May 5.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Railway car construction. 2,041,407; May 19.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Railway refrigerator car. 2,048,115; July 21.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Railway car wall. 2,050,655; Aug. 11.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Car construction. 2,054,783; Sept. 15.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Railway car structure. 2,054,784; Sept. 15.
- Gilpin, Garth G., Riverside, Ill., assignor to P. H. Murphy Company, New Kensington, Pa. Car roof construction. 2,059,690; Nov. 3.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Car construction. 2,061,318; Nov. 17.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Car coupler support. 2,061,319; Nov. 17.
- Gilpin, Garth G., Riverside, Ill., assignor to P. H. Murphy Company, New Kensington, Pa. Process and product of welding galvanized iron sheets. 2,063,671; Dec. 8.
- Gilpin, Nan, Riverside, Ill. Hand knitting. 2,031,104; Feb. 18.
- Gilrix Limited. (See Elrick, William, assignor.)
- Gilson, Charles. (See Davies, L. J., Gilson, and Scott.)
- Gilson, Henry R., Groton, Mass., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Label applying machine. 2,060,193; Nov. 10.
- Gilson, Lucian E., Marshfield, Wis. Shade for greenhouses. 2,031,157; Feb. 18.
- Gilson, Robert M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for automatic regulation of rectifiers. 2,028,541; Jan. 21.
- Gilstrap, Clarence L., H. T. Smith, and F. L. Ralston, La Grande, Oreg. Hydraulic brake. 2,061,763; Nov. 24.
- Giltner, Gideon B., Still Springs, Tenn. Tail set. 2,047,065; July 7.
- Gimera, George, and G. G. Blaisdell, assignors to Zippo Manufacturing Company, Bradford, Pa. Pocket lighter. 2,032,695; Mar. 3.
- Ginn, Horace S., Bell, assignor of one-half to W. Kelm, Santa Ana, Calif. Rotary internal combustion engine. 2,062,219; Nov. 24.
- Ginn, Raymond E., Pittsburgh, Pa. Portable gauge for automobiles. 2,034,807; Mar. 24.
- Ginn, Wells W., assignor to Chemical Novelties Corporation, Cincinnati, Ohio. Soybean phosphatides. 2,029,261; Jan. 28.
- Ginter, Charles W., and J. F. Carter, assignors to The Aero Equipment Corporation, Bryan, Ohio. Selective oil dispenser. 2,057,483; Oct. 13.
- Giordani, Aldo and A., Padua, Italy. Retarded electric interrupter and switch. 2,057,427; Oct. 13.
- Giordani, Aronne. (See Giordani, Aldo and A.)
- Giordano, Joseph, Philadelphia, Pa. Dispensing and refrigerating apparatus. 2,038,729; Apr. 28.
- Giordano, Michael G., Providence, R. I. Clutch mechanism. 2,045,131; June 23.
- Glovenale, Benedetto, Rome, Italy. Automatic air vent for pipe lines under pressure. 2,029,163; Jan. 28.
- Gipe, Harrison S., York, assignor to Quinlan Pretzel Co. Inc., Reading, Pa. Pretzel forming machine. 2,026,526; Jan. 7.
- Giragosian, Bedros, Watertown, Mass. Pool ball frame. 2,060,495; Nov. 10.
- Girard, André, and G. Sandulesco, assignors to Les Laboratoires Français de Chimiotherapie, Paris, France. Bertaines and preparing the same. 2,045,132; June 23.
- Girard, Fred F., Washingtonville, Ohio. Combination jar holder and top remover. 2,057,614; Oct. 13.
- Girard, Fritz, and M. Gottburg, Hanau-on-the-Main, Germany. Device for use in sports. 2,036,524; Apr. 7.
- Girard Manufacturing Company, The. (See McKeige, Edward E., assignor.)
- Girard Manufacturing Company, The. (See Ziesenheim, Fred C., assignor.)



- Girard, Wilfred E., Somerville, Mass. Snow remover. 2,055,840; Sept. 29.
- Girardello, Ettore, Detroit, Mich. Garden tool. 2,058,225; Oct. 20.
- Giraud, Carlo, Savona, Italy. Separating, emptying, cleaning device for liquid containing pipings. 2,055,287; Sept. 22.
- Giraud, Jules F. L., Digne, France. Shuttle-carrier for sewing machines. 2,044,163; June 16.
- Giraud, Pierre R., assignor to Société d'Etude pour l'Epurat-ion des Eaux "Procédés G. et B.", Paris, France. Apparatus for the purification of water. 2,027,475; Jan. 14.
- Giraudet de Boudemange, Jean M. G., Paris, France. Respiratory apparatus. 2,048,059; July 21.
- Girdler Corporation, The. (See Bottoms, Robert R., assignor.)
- Girdler Corporation, The. (See Clearwater, Otto V., assignor.)
- Girdler Corporation, The. (See Miller, Bruce D., assignor.)
- Girdler Corporation, The. (See Routh, Almond C., assignor.)
- Girdler Corporation. (See Vogt, Clarence W., assignor.)
- Girdler Corporation, The. (See Vogt, C. W., and Snyder, assignors.)
- Girling, Albert Henry G., assignor, by mesne assignments, to Andre (Components) Limited, London, England. Vehicle suspension. 2,049,904; Aug. 4.
- Girod, Edgar F., deceased, by Rosa B. Kingsbury, executrix, St. Louis, Mo., assignor to herself, individually. Wash boiler. 2,059,691; Nov. 3.
- Girvin, Fred, and W. H. Hardman, Schenectady, N. Y., assignors to General Electric Company. Commutating brush. 2,066,176; Dec. 29.
- Girz, Max M., Akron, Ohio, assignor of fifty one-hundredths to C. J. Bertschy, Wheeling, W. Va. Noncollapsible pneumatic tire. 2,053,245; Sept. 1.
- Gish, Daniel B., West Springfield, Mass. Hose coupling. 2,048,116; July 21.
- Gish, Daniel B., West Springfield, Mass. Coupling. 2,048,117; July 21.
- Gisholt Machine Company. (See Senger, Werner I., assignor.)
- Gislon, Andre, Lyon, France, assignor to Du Pont Rayon Company, New York, N. Y. Manufacture of artificial thread. 2,052,974; Sept. 1.
- Gisser, Benjamin G., Brooklyn, N. Y. Game table. 2,053,659; Sept. 8.
- Gissubel, Frederick, New York, N. Y. Nipple and bottle holder. 2,060,194; Nov. 10.
- Githens, Otto W., Indianapolis, Ind., assignor to Universal Camera Corporation, New York, N. Y. Photographic camera. 2,029,474; Feb. 4.
- Githens, Otto W., assignor to Universal Camera Corporation, New York, N. Y. Photographic camera. 2,029,475; Feb. 4.
- Githens, Otto W., assignor to Universal Camera Corp., New York, N. Y. Photographic camera. 2,029,476; Feb. 4.
- Githens, Otto W., assignor to Universal Camera Corp., New York, N. Y. Photographic camera. 2,040,935; May 19.
- Gits, Remi J. (See Miller, Royal R., assignor.)
- Gits, Remi J., Riverside, Ill. Lubricator. 2,041,920; May 26.
- Gits, Remi J., Riverside, Ill. Oil seal. 2,052,762; Sept. 1.
- Gittings, Homer T. (See Moss, J. D., and Gittings.)
- Gittings, William L., Racine, Wis., assignor to Gold Metal Folding Furniture Co., Racine, Wis. Furniture side frame. 2,064,424; Dec. 15.
- Giuseffi, Vincent, South Orange, N. J. Bed and bedrail. 2,042,045; May 26.
- Givaudan-Delawanna, Inc. (See Barbier, Henri, assignor.)
- Givaudan-Delawanna, Inc. (See Carpenter, Marion S., assignor.)
- Givaudan-Delawanna, Inc. (See Carpenter, M. S., and Kunz, assignors.)
- Givaudan-Delawanna, Inc. (See Valik, Ludwig, assignor.)
- Givens, John W. (See Yabroff, D. L., and Givens.)
- Glacy, Edward W., Bristol, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Testing or inspecting machine. 2,051,695; Aug. 18.
- Gladstone, Arthur, assignor to The Han-Dee Manufacturing Corp., Hartford, Conn. Line tightener. 2,065,577; Dec. 29.
- Gladstone, William D., New York, N. Y. Hammer for percussion musical instruments. 2,040,603; May 12.
- Glaenzer, Harry, Philadelphia, Pa., and A. Wallace, Moorestown, N. J. Equalizing and spring system. 2,038,560; Apr. 28.
- Glaister, Paul J., Edgewood, and H. L. Rawlins, Wilkesburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,042,335; May 26.
- Glans, Joseph, Bloomfield, N. J., assignor to Radio Corporation of America. Getter assembly. 2,060,861; Nov. 17.
- Glanzstoff-Courtaulds G. m. b. H. (See Paschke, F., Kas-mann, and Fahl, assignors.)
- Glas, Emil, Vienna, Austria. Electrochemical recording of electric currents. 2,038,486; Apr. 21.
- Glascok Brothers Mfg. Co. (See Frick, Chester A., assignor.)
- Glascodine, Richard T., Westminster, London, England. Central buffing and draft gear. 2,050,604; Aug. 11.
- Glascodine, Richard T., Westminster, London, England. Steel beam or spring. 2,058,076; Oct. 20.
- Glaser, Fielding J. (See Hart, P. T., and Glaser.)
- Glaser, John M., assignor to U. S. Hame Company, Buffalo, N. Y. Hame. 2,044,939; June 23.
- Glaser, Roy W., E. J. and A. Olson, Burlington, Wis. Cooling device. 2,060,496; Nov. 10.
- Glaser, Theodore C., East Orange, N. J. Game. 2,056,515; Oct. 6.
- Glasgow, Ernest M., Towaco, N. J., assignor, by mesne assignments, to Feedrail Corporation, New York, N. Y. Electric trolley construction. 2,026,884; Jan. 7.
- Glasgow, Loren B., Gunnison, Colo. Headrest extension for barber chairs. 2,045,225; June 23.
- Glasner, Rudolph W. (See Johansen, E. K., and Glasner.)
- Glass, Matthew, Philadelphia, Pa. Folding blade gaff. 2,052,705; Sept. 1.
- Glass, Paul. (See Lichte, H., Zeh, Glass, and Schwartz.)
- Glass, Perley R., Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Folding machine. 2,044,289; June 16.
- Glass, Perley R., Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Starting and stopping mechanism. 2,044,501; June 16.
- Glass, Perley R., Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for perforating shoe parts. 2,054,077; Sept. 15.
- Glatthar, George E., University Heights, and F. Wening, South Euclid, Ohio. Lighting fixture. 2,032,798; Mar. 3.
- Glatzel, Gunther, and V. Beplate, Sydowsaue, near Stettin, Germany, assignor to North American Rayon Corporation, New York, N. Y. Pot spinning mechanism. 2,062,707; Dec. 1.
- Glatzer, Gustave, New York, N. Y. Eyelash curler. 2,044,209; June 16.
- Glauber, John J., assignor to Arcturus Development Company, Newark, N. J. Tube element retaining means. 2,048,257; July 21.
- Glaum, John C., Jr., and F. Stoneberg, Chicago, Ill. Gas cutting machine. 2,040,478; May 12.
- Glaum, John C., Jr., and F. Stoneberg, Chicago, Ill. Gas cutting machine. 2,055,527; Sept. 29.
- Glaxner, Herman J., Monroe, La., assignor to Columbian Carbon Company, New York, N. Y. Making aggregates of carbon black. 2,065,371; Dec. 22.
- Gleason, Anthony H., Elizabeth, N. J., assignor to Standard Oil Development Company. Producing wax modifiers and products thereof. 2,049,058; July 28.
- Gleason, Augustus W., and E. L. Moyer, El Segundo, Calif. Sampling device. 2,029,231; Jan. 28.
- Gleason, Daniel H., Mountain Lakes, and F. J. Redmond, Arlington, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective switch. 2,039,644; May 5.
- Gleason, Frederick J., Bayonne, and S. W. Burnham, Elizabeth, assignors to Merck & Co. Inc., Rahway, N. J. Dispensing unit. 2,041,703; May 26.
- Gleason, George A. (See Brickman, A. E., and Gleason.)
- Gleason, George A., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. End fitting for automobile brake controls. 2,040,987; May 19.
- Gleason, George A., and A. P. Hayden, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Guard rail. 2,035,155; Mar. 24.
- Gleason, George H., Montclair, N. J., and A. C. Loonam, Brooklyn, N. Y., assignors to Guggenheim Brothers, New York, N. Y. Sulphur condenser. 2,049,160; July 28.
- Gleason, James E. (See Schausell, A. P., and Gleason.)
- Gleason, Joe H., Houston, Tex. Fluid lift pump. 2,050,526; Aug. 11.
- Gleason, Stanley F., Philadelphia, Pa., assignor to Ham Boiler Corporation, Port Chester, N. Y. Processing and molding meats. 2,037,892; Apr. 21.
- Gleason Works. (See De Leeuw, Adolph L., assignor.)
- Gleason Works. (See Finsen, Eyvind, assignor.)
- Gleason Works. (See Gstyr, Joseph, assignor.)
- Gleason Works. (See Head, Ernest C., assignor.)
- Gleason Works. (See Schausell, A. P., and Gleason, assignors.)
- Glebe, Charles E., Rankin, Tex. Oil burner. 2,033,519; Mar. 10.
- Gleichmann, Hans, Falkenhain, near Spandau, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, near Berlin, Germany. Generating vapor. 2,035,879; Mar. 31.
- Glen, Robert R., Anglet, France, assignor to Glen's Patents and Holdings, Inc., New York, N. Y. Loudspeaker and like instrument. 2,049,766; Aug. 4.
- Glen, Robert R., Anglet, France, assignor to Glen's Patents and Holdings, Inc., New York, N. Y. Loudspeaker and the like. 2,049,767; Aug. 4.
- Glen, Robert R., Anglet, France, assignor to Glen's Patents and Holdings, Inc., New York, N. Y. Sound transmission. 2,065,578; Dec. 29.
- Glen-Dar Can Co. (See Darling, Frank L., assignor.)
- Glendinning, John, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Eraser. 2,038,354; Apr. 21.
- Glenk, Arthur W., Newark, N. J. Automatic beverage valve. 2,060,567; Nov. 10.



- Glenn, Carl O., Kansas City, Kans., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,035,063; Mar. 24.
- Glenn, Charles S., Syracuse, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Rotary kiln. 2,034,180; Mar. 17.
- Glenn, Marlow. (See Hewitt, Walter, assignor.)
- Glenn, Michael J. (See Harroun, Ray, assignor.)
- Glen's Patents and Holdings, Inc. (See Glen, Robert R., assignor.)
- Glen's Patents and Holdings, Inc. (See Silver, McMurdo, assignor.)
- Glick, Clarence E., assignor, by mesne assignments, to The Oster Manufacturing Company, Cleveland, Ohio. Pipe cutting machine. 2,063,498; Dec. 8.
- Glick, John A., Milford, assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Reenforced clutch ring. 2,059,576; Nov. 3.
- Glidden Company, The. (See Neuhaus, Theodore A., assignor.)
- Glidden Company, The. (See O'Brien, James J., assignor.)
- Glidden Company, The. (See Small, James B., assignor.)
- Glidden Company, The. (See Wahlforss, E., and Goldblatt, assignors.)
- Glidden, Galen M., Wheaton, Ill., assignor to E. D. Bul-lard Company, San Francisco, Calif. Hat. 2,058,146; Oct. 20.
- Glidden, Joseph F. (See Kaser, Walter I., assignor.)
- Gliske, Walter M., Sandusky, Ohio. Tube cap. 2,029,830; Jan. 28.
- Glittenberg, Eugen, Leverkusen, near Cologne-on-the-Rhine, Germany, assignor, by mesne assignments, to General Aniline Works, Inc., New York, N. Y. Softening agent. 2,047,066; July 7.
- Glines, Frederick S., Lynn, assignor to The Peerless Machinery Company, Boston, Mass. Method of and machine for making shoes. 2,061,700; Nov. 24.
- Glinz, Edgar H. (See Wright, J. W., and Glinz.)
- Global Corporation. (See Heyroth, Albert H., assignor.)
- Global Corporation. (See Thompson, Almer J., assignor.)
- Global Corporation, The. (See Heyroth, Albert H., assignor.)
- Global Corporation, The. (See Heyroth, A. H., and Brat-ton, assignors.)
- Globe Automatic Sprinkler Company. (See Rowley, Ar-thur C., assignor.)
- Globe Brick Company, The. (See Porter, Sidney C., as-signor.)
- Globe Casket Manufacturing Company. (See White, Byron E., assignor.)
- Globe Collapsible Tube Corporation. (See Erhard, William assignor.)
- Globe Machine & Stamping Company, The. (See Green, Lee B., assignor.)
- Globe Machinery & Supply Company. (See Bristol, Cyrus J., assignor.)
- Globe Machinery & Supply Company. (See Thompson, Elmer B., assignor.)
- Globe Oil Tools Company. (See Catland, Alfred C., as-signor.)
- Globe Oil Tools Company. (See Howard, John H., as-signor.)
- Globe Oil Tools Company. (See Howard, J. H., and Cat-land, assignors.)
- Globe Oil Tools Company. (See Howard, J. H., and Max-well, assignors.)
- Globe Oil Tools Company. (See Wright, Jesse C., as-signor.)
- Globe Oil Tools Company. (See Wright, J. C., and Howard, assignors.)
- Globe Oil Tools Company. (See Wright, Jesse C., as-signor.)
- Globe Steel Abrasive Company, The. (See Kann, Gus-tave H., assignor.)
- Globe Steel Tubes Co. (See Ihrig, Harry K., assignor.)
- Globe Steel Tubes Co. (See Walzer, George W., assignor.)
- Globe Ticket Company. (See Feddern, C. O., Rementer, and Scott, assignors.)
- Globe-Union Mfg. Co. (See Coldwell, John S., assignor.)
- Gloekler, John E., Pittsburgh, Pa. Meat holder. 2,031,307; Feb. 18.
- Gloekler, John E., Pittsburgh, Pa. Refrigerating cabinet. 2,037,413; Apr. 14.
- Glomb, John S., Barberton, assignor of one-half to R. S. Boyle, Akron, Ohio. Rubber freezing tray. 2,053,711; Sept. 8.
- Glore, Harry V., Oakland, Calif. Electric table stove. 2,040,479; May 12.
- Glore, Harry V., Oakland, Calif. Electric table stove. 2,040,480; May 12.
- Glover, J. Warren. (See Fischer, P. E., and Glover.)
- Glover, W. T., and Company Limited. (See Pritchard, R. E., and McAlpine, assignors.)
- Gloversville Welt Co. Inc. (See Dowdall, James T., as-signor.)
- Glowacky, Nicholas, New York, N. Y. Reversible safety window. 2,050,003; Aug. 4.
- Gluckstein, Francesca, London, England. Cabinet closure and table. 2,062,452; Dec. 1.
- Gluckstein, Francesca, London, England. Container for first air equipment. 2,062,973; Dec. 1.
- Gluesing, Claus H., De Witt, Iowa. Trimming hnoleum. 2,041,240; May 19.
- Glubareff, Michael E., Stratford, Conn., assignor, by mesne assignments, to United Aircraft Corporation. Wind-shield construction. 2,028,542; Jan. 21.
- Glunt, Omer M., Rutherford, N. J., assignor to Bell Tele-phone Laboratories, Incorporated, New York, N. Y. Electrical device. 2,031,945; Feb. 25.
- Glunt, Omer M., Rutherford, N. J., assignor to Bell Tele-phone Laboratories, Incorporated, New York, N. Y. Sound recording. 2,048,500; July 21.
- Glunz, Henry F., Saratoga Springs, assignor of one-half to R. McMullen, New York, N. Y. Method of and appa-ratus for applying closures to containers. 2,042,304; May 26.
- Glunz, Henry F., Greenfield Center, assignor to R. McMul-len, New York, N. Y. Machine for capping and sealing containers. 2,049,768; Aug. 4.
- Glunz, Henry F., Saratoga Springs, assignor, by mesne as-signments, to The Heat Seal Corporation, New York, N. Y. Method of and apparatus for making and sealing caps on containers. 2,056,720; Oct. 6.
- Gmeinder, Anton, Mosbach, Germany. Clutch control mechanism. 2,061,701; Nov. 24.
- Gminder, Emil, Reutlingen, Germany. Drawing bast fiber roving. 2,049,905; Aug. 4.
- Gnadinger, Charles B., Minneapolis, Minn. Insecticide. 2,042,712; June 2.
- Goad, Louis C. (See Emmert, R. J., Goad, Baker, Shippy, Holmes, Phelps, and Birch.)
- Goakes, F. W. (See Hughes, Hugh T., assignor.)
- Goat Radio Tube Parts, Inc. (See Hafecost, F., and Staver.)
- Gobb, Arthur F., Wyandotte, assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Gasket for internal combus-tion engines. 2,060,498; Nov. 10.
- Goble, Edward R. (See Moore, William J., assignor.)
- Goble, James D., Los Angeles, Calif. Inkwell. 2,062,022; Nov. 24.
- Godare, Anthony J., Denver, Colo. Plug. 2,046,778; July 7.
- Godby, Charles M. (See Gash, G., and Godby.)
- Goddard, Alvin C., Forest Hills, and R. P. Le Viness, Queens Village, N. Y. Wall construction. 2,061,702; Nov. 24.
- Goddard, De Witt R., Riverhead, N. Y., assignor to Radio Corporation of America. Crystal controlled oscillator. 2,041,408; May 19.
- Goddard, Merrill B., Chicago, Ill., assignor, by mesne as-signments, to Carrier Engineering Corporation, Newark, N. J. Controlling a film of moisture. 2,063,672; Dec. 8.
- Goddard, Myron C., Garden City, assignor to Bell Tele-phone Laboratories, Incorporated, New York, N. Y. Composite signaling system. 2,033,282; Mar. 10.
- Goddard, Robert H., Roswell, N. Mex. Aircraft. 2,026,885; Jan. 7.
- Goddard, Robert H., Worcester, Mass. Nozzle for use in welding thin metal structures. 2,039,217; Apr. 28.
- Goddu, George, deceased, by I. W. Goddu, executrix, Win-chester, Mass., assignor to United Shoe Machinery Cor-poration, Paterson, N. J. Lasting machine. 2,032,409; Mar. 3.
- Goddu, George, deceased, by I. W. Goddu, executrix, Win-chester, Mass., assignor to The Littleway Process Com-pany, Boston, Mass. Shoe and manufacturing shoes. 2,033,239; Mar. 10.
- Goddu, George, deceased, by I. W. Goddu, Winchester, Mass., executrix, assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 2,036,406; Apr. 7.
- Goddu, George, deceased, by I. W. Goddu, Winchester, Mass., executrix, assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting ma-chine. 2,052,618; Sept. 1.
- Goddu, George, deceased, by I. W. Goddu, executrix, Win-chester, assignor to The Littleway Process Com-pany, Lynn, Mass. Making insoles. 2,053,331; Sept. 8.
- Goddu, Isabelle W., executrix. (See Goddu, George.)
- Goder, Max, Neuss, Germany, assignor to United States Envelope Company, Springfield, Mass. Seal-flap gum-ming and drying in envelope machines. 2,031,261; Feb. 18.
- Godfrey, Edward C., Detroit, Mich. Cocktail shaker. 2,036,407; Apr. 7.
- Godinez, Manuel, Chicago, Ill. Pulverizer. 2,042,254; May 26.
- Goding, William B., assignor to Florida Humus Company, Zellwood, Fla. Dehydrating apparatus. 2,044,386; June 16.
- Godown, Lee R., Kingman, assignor of one-fifth to V. L. Kline, Kingman, Tex. Windshield wiping blade. 2,027,971; Jan. 14.
- Godowsky, Leopold, Jr. (See Mannes, L. D., and Godow-sky.)
- Godron, William G. G., New York, N. Y. Piston ring. 2,048,258; July 21.
- Godsey, Frank W., Jr., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Appa-ratus for electrical control. 2,030,202; Feb. 11.
- Godsey, Frank W., Jr., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. System and apparatus for circuit controlling. 2,063,997; Dec. 15.
- Godsey, George W., Elizabeth, N. J. Brake lock. 2,031,829; Feb. 25.
- Goebel, George, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Closure. 2,036,408; Apr. 7.



- Goebel, George, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus and method for forming caps. 2,036,751; Apr. 7.
- Goebel, George, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Container cap. 2,063,428; Dec. 8.
- Goebel, Hans. (See Schoeller, W., and Goebel.)
- Goeddeke, George H., Itasca, Ill. Bicycle mudguard clamp. 2,043,041; June 2.
- Goedike, John G., San Antonio, Tex. Graining and surfacing of metal photolithographic and offset press plates. 2,037,716; Apr. 21.
- Goedike, John G., San Antonio, Tex. Dampening printing surfaces of planographic and analogous presses. 2,043,995; June 16.
- Goehler, Elmer E., and P. Amort, Portland, Oreg. Golf ball teeing device. 2,051,253; Aug. 18.
- Goehring, Edward E., Henderson, F. H. Barney and W. J. Gourley, Fort Worth, Tex. Pumping equipment. 2,053,521; Sept. 8.
- Goehring, Francis R., Philadelphia, Pa. Valve constrictor. 2,034,573; Mar. 17.
- Goehring, Francis R., assignor to H. Belfield Company, Philadelphia, Pa. Valve. 2,059,991; Nov. 3.
- Goehring, William E., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock system. 2,048,376; July 21.
- Goelitz, Henry G., et al. (See Ingels, James J., assignor.)
- Goeller, Robert A., New York, N. Y. Electrical connector. 2,046,942; July 7.
- Goeltz, William L., Caldwell, N. J., and M. Brodsky, Bronx, N. Y.; said Goeltz assignor to said Brodsky. Building unit. 2,026,886; Jan. 7.
- Goepel, Arthur H., Waterbury, assignor to Scovill Manufacturing Company, Waterbury, Conn. Flush tank utility shelf. 2,033,629; Mar. 10.
- Goepel, Arthur H., and P. F. Donahue, assignors to Scovill Manufacturing Company, Waterbury, Conn. Trap joint and drain outlet. 2,037,625; Apr. 14.
- Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,045,010; June 23.
- Goerdes, Frederick W. (See Hlering, W. C., and Goerdes.)
- Goerdes, Frederick W., assignor to The J. E. Mergott Company, Newark, N. J. Bag frame. 2,045,642; June 30.
- Goerlich, John E. (See Hadley, Harold F., assignor.)
- Goerlitz, Hans, Dusseldorf, Germany, assignor, by mesne assignments, to Remington Rand Inc., Buffalo, N. Y. Statistical card. 2,054,811; Sept. 22.
- Goethe, Joseph A., assignor to William H. Finckel, Jr., Washington, D. C., trustee. Display device. 2,065,689; Dec. 29.
- Goetting, Clyde E., assignor of one-half to E. L. Thomas, Drumright, Okla. Jar holder. 2,063,805; Dec. 8.
- Goettsch, Walter J., Kenilworth, Ill., assignor to Samuel M. Langston Co., Camden, N. J. Corrugator. 2,051,296; Aug. 18.
- Goetz, Carl, Berlin, Germany. Extracting metals from ores. 2,045,226; June 23.
- Goetz, Gaston J. (See Cowan, F. A., and Goetz.)
- Goetz, Gaston J., New York, N. Y., assignor to American Telephone and Telegraph Company. Communication system. 2,054,901; Sept. 22.
- Goetz, J. F., et al. (See Kelly, Harold E., assignor.)
- Goetz, Maurus. (See Bracken, S., and Goetz.)
- Goetz, Maurus T., assignor to Teletype Corporation, Chicago, Ill. Delay apparatus for linecasting and composing machines. 2,062,306; Dec. 1.
- Goetz, Oscar H., Park Ridge, Ill. Slug and slug feeding apparatus. 2,038,837; Apr. 28.
- Goetz, Wilhelm, assignor to C. & G. Manufacturing Company, Inc., Providence, R. I. Brooch and the like. 2,045,385; June 23.
- Goetzel, Ralph L. (See Haas, F. S., and Goetzel.)
- Goewey, Harold W., Baltimore, Md. Game. 2,045,460; June 23.
- Goff, Frederic J., assignor to W. J. Eskra, Milwaukee, and N. G. Goff, Madison, Wis. Wheeled vehicle. 2,028,976; Jan. 28.
- Goff, Harold W., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,036,037; Mar. 31.
- Goff, Harold W., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,063,308; Dec. 8.
- Goff, Henry J., Stockton, Calif. Method of and apparatus for making box ends. 2,038,510; Apr. 21.
- Goff, Nathaniel G., et al. (See Goff, Frederic J., assignor.)
- Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Definite time relay. 2,037,572; Apr. 14.
- Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Electroresponsive device. 2,064,656; Dec. 15.
- Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Control device. 2,064,657; Dec. 15.
- Goff, William F., Akron, and E. F. Tobold, Cleveland, assignors to The Dill Manufacturing Company, Cleveland, Ohio. Machine for making valve stem bases. 2,061,654; Nov. 24.
- Gofferjé, Eduard. (See Keller, K., Hopff, Gofferjé, and Nuesslein.)
- Gogan, Joseph, Lakewood, Ohio. Apparatus for testing individual bodies. 2,038,487; Apr. 21.
- Gogan, Joseph, Lakewood, Ohio. Spring coiling machine. 2,038,488; Apr. 21.
- Gogan, Joseph, Lakewood, Ohio. Hardness testing machine. 2,053,472; Sept. 8.
- Gogan, Joseph, Lakewood, Ohio. Spring coiling machine. 2,054,196; Sept. 15.
- Gogan, Joseph, Lakewood, Ohio. Hardness testing machine. 2,054,197; Sept. 15.
- Gogan, Joseph, Lakewood, Ohio. Quenching machine. 2,061,070; Nov. 17.
- Gohorel, Fernand P., Paris, France, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,028,656; Jan. 21.
- Goin, George R., Detroit, Mich. Trailer draft connection. 2,060,066; Nov. 10.
- Goins, George G., Glenbrook, Stamford, Conn., assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 2,044,072; June 16.
- Golber, Hyman E., assignor to The Miehle Printing Press Manufacturing Company, Chicago, Ill. Drive mechanism. 2,027,818; Jan. 14.
- Golber, Hyman E., assignor to The Miehle Printing Press and Manufacturing Company, Chicago, Ill. Cutter. 2,049,256; July 28.
- Gold Metal Folding Furniture Co. (See Gittings, William L., assignor.)
- Gold, Meyer, assignor to The Animated Match Company, Minneapolis, Minn. Advertising novelty. 2,043,996; June 16.
- Goldbeck, Heinrich. (See Denull, Hans, assignor.)
- Goldberg, Abram L., and V. G. Dauman, assignors to L. Zikman, Harbin, Manchuria, China. Typewriter ruling device. 2,051,037; Aug. 18.
- Goldberg, Benjamin D., Brooklyn, N. Y. Vacuum cleaner. 2,054,975; Sept. 22.
- Goldberg, David D., Springfield, and A. R. Kligman, assignor to The Automatic Cone Valve Company, Indian Orchard, Mass. Valve apparatus. 2,054,812; Sept. 22.
- Goldberg, Harry, Chicago, Ill. Refrigerant control. 2,060,300; Nov. 10.
- Goldberg, Jacob, New York, N. Y. Bib. 2,058,861; Oct. 27.
- Goldberg, Jacob M. (See Goldberg, Louis B., N., W., and J. M.)
- Goldberg, Jacob M., Denver, Colo. Reel for moving picture films. 2,051,334; Aug. 18.
- Goldberg, Leon, assignor to Vincent Horwitz Company, Inc., New York, N. Y. Shoe. 2,032,206; Feb. 25.
- Goldberg, Lilian, Madison, N. J. Plant support. 2,030,249; Feb. 11.
- Goldberg, Louis B., N., W., and J. M., Denver, Colo. Self cleaning screen for placer mining machines. 2,038,931; Apr. 28.
- Goldberg, Max, New York, N. Y. Filling machine. 2,028,657; Jan. 21.
- Goldberg, Max L. (See Goldberg, Victor, and M. L.)
- Goldberg, Maximilian M., assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,044,842; June 23.
- Goldberg, Nathan. (See Goldberg, Louis B., N., W., and J. M.)
- Goldberg, Nathan, Denver, Colo. Portable safety signal. 2,059,996; Nov. 3.
- Goldberg, Raymond, Oaklyn, assignor to Radio Condenser Company, Camden, N. J. Speed reducing mechanism. 2,051,842; Aug. 25.
- Goldberg, Richard. (See Marquis, Louis, Jr., assignor.)
- Goldberg, Samuel D., assignor to Novocol Chemical Mfg. Co. Inc., Brooklyn, N. Y. Device for preserving local anesthetic solutions. 2,051,349; Aug. 18.
- Goldberg, Victor, and M. L., Baltimore, Md. Toy boat. 2,028,543; Jan. 21.
- Goldberg, William. (See Goldberg, Louis B., N., W., and J. M.)
- Goldberger, Adele D., administrators et al. (See Goldberger, N. S., Weiss, and Gress.)
- Goldberger, Norman S., deceased, Long Branch, N. J.; J. D. Weiss, New York, and L. Gress, New Rochelle, N. Y.; said Weiss and Gress assignors to said Goldberger; A. D. Goldberger, F. J. Deitsch, and H. C. Kottek, administrators. Method and apparatus for saving beer. 2,047,927; July 14.
- Goldbert, Max L., New York, N. Y., and R. T. Watts, Miami Beach, Fla., assignors to Electric Trading Corporation, New York, N. Y. Electrical heating device. 2,051,637; Aug. 18.
- Goldbert, Max L., New York, N. Y., and R. T. Watts, Miami Beach, Fla., assignors to Electric Trading Corporation, New York, N. Y. Switch construction and arrangement. 2,054,415; Sept. 15.
- Goldblatt, Joseph, New York, N. Y. Mounting for the crystal of a wrist watch casing. 2,029,769; Feb. 4.
- Goldblatt, Joseph, Forest Hills, N. Y. Bracelet or pendant watchcase. 2,032,696; Mar. 3.
- Goldblatt, Leo A. (See Wahlforss, E., and Goldblatt.)
- Gold Dust Corporation. (See Heckel, J. T., and Walker, assignors.)
- Golden, Abraham, Chicago, Ill. Picture frame and making the same. 2,045,770; June 30.
- Golden, Abraham H., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Key identifying tag. 2,058,862; Oct. 27.
- Golden, Albert L., et al. (See Berstler, Carl E., assignor.)



- Golden, Ephraim P., St. Petersburg, Fla. Auto trailer. 2,032,697; Mar. 3.
- Golden, Harry, assignor to Magna Products Corp., New York, N. Y. Flashlight holding device. 2,041,332; May 19.
- Golden, Harry, New York, N. Y., assignor to Magna Products Corp. Guard for lever openings. 2,062,748; Dec. 1.
- Golden, John P., and J. F. O'Neil, Waterbury, Conn. Combination lamp stand and book-rack. 2,032,086; Feb. 25.
- Golden, John R., Hammond, Ind. Valve. 2,061,703; Nov. 24.
- Goldenberg, Leon, Shreveport, La. Creeper. 2,054,598; Sept. 15.
- Goldenberg, Louis, Brooklyn, N. Y. Permanent hair waving apparatus. 2,041,409; May 19.
- Goldfield, Edwin R. (See Horsley, C. B., and Goldfield.)
- Goldfield, Edwin R., Cleveland Heights, assignor to Waite & Bartlett X-Ray Manufacturing Company, Cleveland, Ohio. Fluid cooling system. 2,041,241; May 19.
- Goldfield, Edwin R., University Heights, assignor to Waite & Bartlett X-Ray Mfg. Co., Inc., Cleveland, Ohio. Auxiliary counterbalance for extra capacity head. 2,041,242; May 19.
- Goldfield, Edwin R., Cleveland Heights, and C. B. Horsley, East Cleveland, assignors to Waite & Bartlett X-Ray Manufacturing Company, Cleveland, Ohio. X-ray tube mount. 2,029,098; Jan. 28.
- Goldfinger, Theodore. (See Lewinsohn, H., and Goldfinger.)
- Goldhammer, Leo, Munich, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Folding camera. 2,026,677; Jan. 7.
- Goldhammer, Leo, Munich, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Photographic camera. 2,034,978; Mar. 24.
- Goldhammer, Leo, Munich, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Photographic camera. 2,038,037; Apr. 21.
- Goldhammer, Leo, Munich, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Photographic camera. 2,053,867; Sept. 8.
- Goldhammer, Leo, Munich, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Film reel. 2,058,438; Oct. 27.
- Goldhammer, Leo, Munich, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Cinematographic apparatus. 2,058,439; Oct. 27.
- Goldhammer, Leo, Munich, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Camera. 2,060,933; Nov. 17.
- Goldhammer, Leo, Munich, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Camera. 2,065,449; Dec. 22.
- Golding, Edwin I., assignor to I. W. Hirshfield, New York, N. Y. Garment manufacture. 2,030,026; Feb. 4.
- Goldman, Floyd, Idaho Falls, Idaho. Shockless trailer tongue attachment. 2,050,093; Aug. 4.
- Goldman, Harry, Chicago, Ill. Umbrella. 2,039,987; May 5.
- Goldman, Joshua H., Boston, Mass. Reenforced carded web. 2,039,312; May 5.
- Goldman, Julius, Los Angeles, Calif. Landing apparatus for airplanes. 2,027,162; Jan. 7.
- Goldman, Maurice A., Milford, N. H., assignor, by mesne assignments, to Commercial Filters Corporation, Boston, Mass. Filter. 2,028,061; Jan. 14.
- Goldman, Maurice A., Milford, N. H., assignor to Commercial Filters Corporation, Boston, Mass. Filter apparatus. 2,028,062; Jan. 14.
- Goldman, Ralph H., Chicago, assignor of one-half to D. G. Einstein, Chicago, Ill. Electric pencil. 2,031,532; Feb. 18.
- Goldsborough, John B., Croton-on-Hudson, N. Y. Sanitary fermentation and dehydrating apparatus. 2,062,264; Nov. 24.
- Goldsborough, Shirley L., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Impedance relay system. 2,027,226; Jan. 7.
- Goldschmidt, Stefan, and R. R. Wolff, Karlsruhe, Germany, assignors to The Kessler Chemical Corporation, Orange, N. J. Production of acid anhydrides. 2,060,195; Nov. 10.
- Goldschmidt, Th., A. G. (See Wiedbrauck, E., and Büche, assignors.)
- Goldsmith, Alfred N., New York, N. Y., assignor to Radio Corporation of America. Motion picture. 2,032,410; Mar. 3.
- Goldsmith, Alfred N., New York, N. Y., assignor to Radio Corporation of America. Television system. 2,043,997; June 16.
- Goldsmith, Bertram J., New York, N. Y., assignor to General Ribbon Mills, Incorporated. Dyeing apparatus. 2,057,428; Oct. 13.
- Goldsmith, Charles A., Sunbury, Pa. Greasing device. 2,064,742; Dec. 15.
- Goldsmith, Lester M., Philadelphia, Pa. Safety device. 2,028,149; Jan. 21.
- Goldsmith, Percy A. H., and J. G. Lapraik, Faversham, assignors to Heaters Limited, London, England. Blasting cartridge. 2,055,126; Sept. 22.
- Goldsmith, Richard M., New York, N. Y. Garment and closure therefor. 2,059,337; Nov. 3.
- Goldstein, Abe, assignor to Hickey-Freeman Co., Rochester, N. Y. Backless vest. 2,038,280; Apr. 21.
- Goldstein, Isadore G., et al. (See Clapp, Peter A., assignor.)
- Goldstein, Maxwell K., Baltimore, Md. Electron discharge device. 2,052,617; Sept. 1.
- Goldstein, Richard F., Sedgley Park, Prestwich, and W. A. Sexton, Gledholt, Huddersfield, England, assignors to Imperial Chemical Industries Limited. Halogen-alkoxy-aniline derivatives and preparing the same. 2,046,375; July 7.
- Goldstein, Robert. (See Wurm, C., and Goldstein.)
- Goldstein, Samuel R., Baltimore, Md. Carpet cover and the like. 2,035,427; Mar. 24.
- Goldstone, Benjamin, Long Beach, N. Y. Alarm apparatus. 2,041,540; May 19.
- Goldthwaite, George R., South Easton, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Method and apparatus for conditioning air. 2,029,368; Feb. 4.
- Goldzieher, Max A., Brooklyn, N. Y. Adrenal hormones and obtaining the same. 2,048,545; July 21.
- Golenberg, Joe. (See Chojnacki, Anthony, assignor.)
- Goll, Otto. (See Neelmeier, W., Meiser, Goll, and Morschell.)
- Goll, Otto. (See Neelmeier, W., Morschell and Goll.)
- Gollan, William H., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Handle for implements, utensils, and the like and making the same. 2,052,819; Sept. 1.
- Göllner, Richard, Burg, near Magdeburg, Germany. Device for the regulation of the draft in funnels. 2,056,573; Oct. 6.
- Gollnick, Paul A., and K. Emde, assignors to Selectograph Company, Chicago, Ill. Sheet receiving receptacle and stacker. 2,036,409; Apr. 7.
- Gollong, Richard J. (See Oppenlaender, O., Gollong, and Carter.)
- Gollwitzer, Walter T., Cleveland, Ohio, assignor to Addressograph Company, Wilmington, Del. Address plate. 2,030,865; Feb. 18.
- Gollwitzer, Walter T., Cleveland, Ohio, assignor to Addressograph Company, Wilmington, Del. Address plate. 2,047,200; July 14.
- Gollwitzer, Walter T., Cleveland, Ohio, assignor to Addressograph Company, Wilmington, Del. System of printing. 2,047,201; July 14.
- Gollwitzer, Walter T., Cleveland, Ohio, assignor to Addressograph Company, Wilmington, Del. Index device. 2,049,436; Aug. 4.
- Gollwitzer, Walter T., assignor to Addressograph Company, Cleveland, Ohio. Printing device. 2,049,437; Aug. 4.
- Gollwitzer, Walter T., assignor to Addressograph Company, Cleveland, Ohio. Device for inserting index tabs. 2,049,438; Aug. 4.
- Gollwitzer, Walter T., assignor to Addressograph Company, Cleveland, Ohio. Index tab. 2,049,439; Aug. 4.
- Gollwitzer, Walter T., assignor to Addressograph Company, Cleveland, Ohio. Machine for inserting printing plates into frames. 2,050,310; Aug. 11.
- Gollwitzer, Walter T., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Selective printing machine. 2,053,283; Sept. 8.
- Gollwitzer, Walter T., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing device. 2,055,009; Sept. 22.
- Golob, John E., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Thermostatically operated valve device. 2,060,301; Nov. 10.
- Golokow, Boris, and S. G. Chirlin, assignors of one-third to J. W. Lansing, Buffalo, N. Y. Combined lock and switch. 2,057,301; Oct. 13.
- Golrick, Albert R., Cleveland Heights, and J. H. Hildebrandt, Cleveland, Ohio. Refrigeration apparatus. 2,047,467; July 14.
- Goltsch, Otto F., Dos Palos, Calif. Automatic transmission. 2,036,133; Mar. 31.
- Goltstein, Ewald, The Hague, Netherlands. Rubber tire for self-propelled road vehicles. 2,065,968; Dec. 29.
- Golub, Abe, St. Louis, Mo. Combined gauge and presser foot for sole stitchers. 2,034,574; Mar. 17.
- Golub, Meyer, et al. (See Brody, Solomon, assignor.)
- Gomborov, Estelle W. (See Williams, Villor P., assignor.)
- Gomes, Alberto M., New York, N. Y. Stencil. 2,056,427; Oct. 6.
- Gomes, Clodoveu, New Orleans, La. Nonboiling automatic coffee maker. 2,036,933; Apr. 7.
- Gommel, Dewey E., assignor to E. C. Atkins and Company, Indianapolis, Ind. Miter box. 2,050,699; Aug. 11.
- Gommel, Karl and P., assignors to H. Jarke, Berlin, Germany. Envelope moistening device. 2,052,820; Sept. 1.
- Gommel, Paul. (See Gommel, Karl and P.)
- Goncarova, Victoria, New York, N. Y. Cosmetic preparation. 2,043,657; June 9.
- Gondek-Dixon Corporation. (See Gondek, John T., assignor.)
- Gondek, John T., St. Paul, Minn., assignor to Gondek-Dixon Corporation, Somerville, Mass. Cutting device. 2,034,979; Mar. 24.
- Gonen, Hyman, and I. Grodsky, Brooklyn, N. Y. Salt and pepper shaker. 2,048,118; July 21.
- Gonnard, Julien, Marseilles, France. Automatic safety switching device. 2,045,133; June 23.



- Gonsett, Robert R., Los Angeles, Calif. Body vibrator. 2,026,527; Jan. 7.
- Gonsett, Robert R., Los Angeles, Calif. Switch mechanism and signal. 2,058,974; Oct. 27.
- Gonyer, Edward L. (See Moore, H. G., and Gonyer.)
- Goob, Adolf, Ilion, N. Y. Thread cutting die. 2,054,745; Sept. 15.
- Gooch, Stapleton D. (See Kerschbaum, F. P., and Gooch.)
- Gooch, Stapleton D. (See Kerschbaum, F. P., Waggaman, and Gooch.)
- Gooch, Stapleton D., Pembroke, Fla. Apparatus for phosphorus recovery. 2,062,091; Nov. 24.
- Good, Andrew, Glendora, Calif., assignor, by mesne assignments to Mergenthaler Linotype Company. Keyboard unit for line casting machines. 2,065,274; Dec. 22.
- Good, Charles A., Eureka, Calif. Combination blower and suction sweeper. 2,064,344; Dec. 15.
- Good Inventions Co. (See Good, John, assignor.)
- Good, John, assignor to Good Inventions Co., Garden City, N. Y. Vehicle control mechanism. 2,035,124; Mar. 24.
- Good, John, Garden City, assignor to Automatic Motor Stop and Start, Inc., New York, N. Y. Automatic driving control. 2,041,541; May 19.
- Good, John N., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Warning device for brakes. 2,042,094; May 26.
- Good, John N., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,048,332; July 21.
- Good, Paul D., West Lawn, Pa. Cooler, humidifier, and air circulator. 2,059,637; Nov. 3.
- Good, Roscoe F., United States Navy. Frame for internal combustion engines. 2,036,269; Apr. 7.
- Goodale, Harold R., Bristol, Conn. Parking device for motor vehicles. 2,035,880; Mar. 31.
- Goodale, Joseph L., Ipswich, Mass. Wood treatment and product. 2,062,877; Dec. 1.
- Goodall, Howard W., Aidan, Pa. Expansion ring hose coupling. 2,046,114; June 30.
- Goodall Worsted Company. (See Holdsworth, Clifford, assignor.)
- Goodchild, Frank, Norwalk, Conn., assignor to Pepperell Manufacturing Company, Boston, Mass. Label for household linen. 2,059,096; Oct. 27.
- Goode, Gilbert C., Birmingham, and C. W. Miller and G. R. Harrington, Detroit, assignors to Chrysler Corporation, Detroit, Mich. Internal combustion engine. 2,037,778; Apr. 21.
- Goodell, Edward G., Stevens Point, Wis. Apparatus and process for waste liquor recovery. 2,056,266; Oct. 6.
- Goodell, Frank H., East Cleveland, Ohio, and C. W. Ross, Philadelphia, Pa., assignors to The C. O. Bartlett & Snow Company, Cleveland, Ohio. Skip loading mechanism. 2,031,946; Feb. 25.
- Goodell, I. Welton, assignor to The Bostwick-Goodell Company, Norwalk, Ohio. Venetian blind bracket. 2,057,095; Oct. 13.
- Goodfellow, Isaac. (See De Witt, W. J., and Goodfellow.)
- Goodhall, Sydney N. (See Willshaw, H., Twiss, Goodhall, and Jones.)
- Goodhue, Julian G., Evanston, assignor to Security Grinding Wheel Co., Chicago, Ill., a trust estate as trustees. Machine for making grinding wheels. 2,031,158; Feb. 18.
- Goodlass Wall and Lead Industries Limited. (See Eckford, W., and Carter, assignors.)
- Goodlass Wall and Lead Industries Limited. (See Singleton, W., Hulme, and Jones, assignors.)
- Goodman, Abraham, Brooklyn, N. Y., assignor to Delamere Company, Inc. Wave setter. 2,040,807; May 12.
- Goodman, Abraham, New York, N. Y., assignor to Delamere Company, Inc. Curler. 2,047,183; July 14.
- Goodman, Frank O., Chicago, Ill. Garage door. 2,041,410; May 19.
- Goodman, Harry S., assignor to J. B. Aronson, Chicago, Ill. Savings bank attachment. 2,028,323; Jan. 21.
- Goodman, Herbert N., East Rockaway, N. Y., and C. Carington, York, Pa., assignors to Triumph Hosiery Mills, Inc., New York, N. Y. Full-fashioned hosiery and the production thereof. 2,051,167; Aug. 18.
- Goodman, Irving, New York, N. Y. Brassière slip. 2,042,305; May 26.
- Goodman, Jacob A., Indianapolis, Ind. Top construction for hosiery. 2,040,736; May 12.
- Goodman, Jacob A., Indianapolis, Ind. Sewing machine. 2,050,790; Aug. 11.
- Goodman, Jacob A., Indianapolis, Ind. Ornamental stitching and producing same. 2,058,308; Oct. 20.
- Goodman, Jacob A., Indianapolis, Ind. Hosiery and making the same. 2,059,097; Oct. 27.
- Goodman, John S., Wichita Falls, Tex., assignor of one-half to G. H. Hamill, Grandfield, Okla. Plow depth gauge. 2,045,461; June 23.
- Goodman, Leo A., Brooklyn, N. Y., assignor to Visking Corporation, Chicago, Ill. Reinforced hydrated cellulose container. 2,045,349; June 23.
- Goodman, Lillian, Brooklyn, N. Y., assignor to Mitchell Brothers, Inc., Bridgewater, Conn. Undergarment for women. 2,028,599; Jan. 21.
- Goodman Manufacturing Company. (See Bergmann, Ernst R., assignor.)
- Goodman Manufacturing Company. (See Cartlidge, Frank, assignor.)
- Goodman Manufacturing Company. (See Crawford, Loyal F., assignor.)
- Goodman Manufacturing Company. (See Driehaus, Herman W., assignor.)
- Goodman Manufacturing Company. (See Lindgren, Frank A., assignor.)
- Goodman Manufacturing Company. (See McCarthy, Timothy F., assignor.)
- Goodman Manufacturing Company. (See Pratt, Charles A., assignor.)
- Goodman Manufacturing Company. (See Sloane, William W., assignor.)
- Goodman, Wade H., assignor to Amery & Sons, Inc., Walla Walla, Wash. Gravity compensating hitch. 2,060,196; Nov. 10.
- Goodman, William L., Chicago, Ill., assignor to Bear-Stewart Co. Frying and cooking apparatus. 2,041,175; May 19.
- Goodrich, B. F., Company, The. (See Black, Joseph J., assignor.)
- Goodrich, B. F., Company, The. (See Brous, Samuel L., assignor.)
- Goodrich, B. F., Company, The. (See Catt, Harold W., assignor.)
- Goodrich, B. F., Company, The. (See Campbell, Arthur W., assignor.)
- Goodrich, B. F., Company, The. (See Collins, Arthur E., assignor.)
- Goodrich, B. F., Company, The. (See Craig, David, assignor.)
- Goodrich, B. F., Company, The. (See Harrison, Marion M., assignor.)
- Goodrich, B. F., Company, The. (See Heldenbrand, Carl H., assignor.)
- Goodrich, B. F., Company, The. (See Jones, Paul C., assignor.)
- Goodrich, B. F., Company, The. (See Leguillon, Charles W., assignor.)
- Goodrich, B. F., Company, The. (See Loomis, George P., assignor.)
- Goodrich, B. F., Company, The. (See Mayne, Robert, assignor.)
- Goodrich, B. F., Company, The. (See Merrill, A. B., and Stewart, assignors.)
- Goodrich, B. F., Company, The. (See Nathan, Tracy D., assignor.)
- Goodrich, B. F., Company, The. (See Newton, Edwin B., assignor.)
- Goodrich, B. F., Company, The. (See Oenslager, George, assignor.)
- Goodrich, B. F., Company, The. (See Schade, James W., assignor.)
- Goodrich, B. F., Company, The. (See Schippel, Henry F., assignor.)
- Goodrich, B. F., Company, The. (See Semon, Waldo L., assignor.)
- Goodrich, B. F., Company, The. (See Sloan, Arthur W., assignor.)
- Goodrich, B. F., Company, The. (See Sprunger, Vernon J., assignor.)
- Goodrich, B. F., Company, The. (See Waner, Harry E., assignor.)
- Goodrich, B. F., Company, The. (See Wolfe, Jacob E., assignor.)
- Goodrich, Charles W. (See Ernst, H., and Goodrich.)
- Goodrich Electric Company. (See Saaf, Dirk G., assignor.)
- Goodrie, Joseph J., Chicago, Ill. Flushing valve. 2,061,423; Nov. 17.
- Goodrum, Max W., Columbia, Tenn. Shipping container. 2,059,098; Oct. 27.
- Goodsill, Guy C., Hollywood, Calif. Display figure. 2,059,338; Nov. 3.
- Goodspeed, Charles B., Chicago, Ill., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Railway car truck. 2,050,656; Aug. 11.
- Goodwillie, David H., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Polishing apparatus. 2,035,229; Mar. 24.
- Goodwillie, David H., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting machine. 2,035,544; Mar. 31.
- Goodwillie, David H., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for use in case hardening of glass sheets. 2,057,569; Oct. 13.
- Goodwillie, John E., Tarrytown, N. Y. Condenser efficiency calculator. 2,040,086; May 12.
- Goodwillie, Joseph F., Duluth, Minn. Bookkeeping machine. 2,052,821; Sept. 1.
- Goodwin, Ernest G., Pelham, assignor to Standard Coupler Company, New York, N. Y. Bolster damper. 2,053,989; Sept. 8.
- Goodwin, Ernest G., Pelham, assignor to Standard Coupler Company, New York, N. Y. Antioscillating device. 2,053,990; Sept. 8.
- Goodwin, Ernest G., Pelham, assignor to Standard Coupler Company, New York, N. Y. Snubber. 2,053,991; Sept. 8.
- Goodwin, Frank, Seattle, Wash., E. A. White, and H. P. Cady, Lawrence, Kans. Separating and purifying gas. 2,033,933; Mar. 17.
- Goodwin, George I., Detroit, Mich. Clutch. 2,028,389; Jan. 21.
- Goodwin, George I., Detroit, Mich. Clutch. 2,058,863; Oct. 27.



- Goodwin, George R., Avon, and C. A. Farrar, Whitman, assignors to Royal Electric Company, Incorporated, Avon, Mass. Fuse. 2,060,464; Nov. 10.
- Goodwin, Harold T., Memphis, Tenn. Apparatus for purifying and cleaning water. 2,048,158; July 21.
- Goodwin, Hollis E. (See Miller, H. S., Goodwin, and Lovell.)
- Goodwin, John B., Inglewood, assignor to F. W. Manning Co., Ltd., Los Angeles, Calif. Magazine fabric filter. 2,055,927; Sept. 29.
- Goodwin, John H., assignor to Overly Manufacturing Company, Greensburg, Pa. Metallic roof construction. 2,055,127; Sept. 22.
- Goodwin, Norris, Los Angeles, and R. W. Poindexter, Long Beach, assignors to Industrial Process Company, Los Angeles, Calif. Converting hydrocarbons. 2,027,862; Jan. 14.
- Goodwin, Vernon D., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Support for tubes or the like and manufacture thereof. 2,048,654; July 21.
- Goodwin, Walter E. (See Cheetham, T., and Goodwin.)
- Goodwin, William N., Jr., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Light target for illumination meters. 2,030,250; Feb. 11.
- Goodwin, William N., Jr., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Photoelectric cell circuit. 2,032,010; Feb. 25.
- Goodyear, Ernest F., Moxhall Park, Wishaw, and J. Wright, Stoke Park, Coventry, and H. Trevaskis, Keresley, Coventry, assignors to Dunlop Rubber Company Limited, London, England. Aircraft brake control mechanism. 2,031,412; Feb. 18.
- Goodyear, Ernest F., Moxhall Park, Wishaw, J. Wright, Stoke Park, Coventry, and H. W. Trevaskis, Keresley, Coventry, assignors to Dunlop Rubber Company Limited, London, England. Aircraft brake. 2,038,898; Apr. 28.
- Goodyear-Zeppelin Corporation. (See Ffield, Paul D., assignor.)
- Goodyear-Zeppelin Corporation. (See Klemperer, Wolfgang B., assignor.)
- Goodyear-Zeppelin Corporation. (See Klemperer, W. B., and Ffield, assignors.)
- Goodyear-Zeppelin Corporation. (See Klemperer, W. B., and Liebert, assignors.)
- Gookin, Sylvester L., Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Controlling mechanism. 2,056,316; Oct. 6.
- Gooskens, Henricus, Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge lamp device. 2,030,445; Feb. 11.
- Goosman, Herbert J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electrically lighted sewing machine. 2,031,562; Feb. 18.
- Goosman, Herbert J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Power transmitter. 2,048,501; July 21.
- Goosman, Herbert J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine frame. 2,063,841; Dec. 8.
- Goosman, Herbert J., Elizabeth, and R. Kaier, Cranford, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Electric sewing machine cabinet. 2,055,432; Sept. 22.
- Goosman, Herbert J., Elizabeth, and R. Kaier, Cranford, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Electric sewing machine cabinet. 2,055,433; Sept. 22.
- Goosmann, Fred H., Cincinnati, Ohio. Safety roller skate. 2,033,334; Mar. 10.
- Goosmann, Justus C., New York, N. Y. Air cooling and conditioning apparatus. 2,058,973; Oct. 27.
- Goosmann, Justus C., Mount Vernon, N. Y., assignor, by mesne assignments, to Adico Development Corporation. Refrigerating apparatus and method. 2,043,163; June 2.
- Goosmann, Justus C., Chicago, Ill., assignor, by mesne assignments, to Adico Development Corporation. Apparatus for producing solid carbon dioxide. 2,046,260; June 30.
- Goosmann, Justus C., Chicago, Ill., assignor, by mesne assignments, to Adico Development Corporation. Method and apparatus for freezing liquid carbon dioxide. 2,047,099; July 7.
- Gordon, Albert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electrical weft detecting mechanism for pick-and-pick looms. 2,049,584; Aug. 4.
- Gordon, Albert A., 3d, Shrewsbury, and H. M. Latham, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin release for weft replenishing looms. 2,062,708; Dec. 1.
- Gordon Baking Company. (See Gordon, James C., assignor.)
- Gordon, Cecil E., Pocatello, Idaho. Battery stabilizer. 2,029,658; Feb. 4.
- Gordon, Charles W., Munster, Ind., assignor to The Superheater Company, New York, N. Y. Compensating reheater and superheater. 2,053,429; Sept. 8.
- Gordon, Christian J., London, England. Electric battery. 2,040,255; May 12.
- Gordon, Christian J., London, England. Electric primary cell. 2,050,172; Aug. 4.
- Gordon, Christian J., London, England. Electric primary cell. 2,050,173; Aug. 4.
- Gordon, Christian J., London, England. Electric primary cell. 2,050,174; Aug. 4.
- Gordon, Fred C., Detroit, Mich. Structure of veneered buildings. 2,066,035; Dec. 29.
- Gordon, George N., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of soles for shoes. 2,057,023; Oct. 13.
- Gordon, Herman L., Winthrop, assignor of one-half to C. Wennett, Boston, Mass. Nut to carry lubricant. 2,064,377; Dec. 15.
- Gordon, Hiram, and A. C. Rogge, Columbus, Ohio. Heel seat fitting machine. 2,032,411; Mar. 3.
- Gordon, Jack J., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Removing water from aqueous aliphatic acids. 2,049,440; Aug. 4.
- Gordon, Jack J., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Operation for azeotropic distillation. 2,049,441; Aug. 4.
- Gordon, James C., assignor to Gordon Baking Company, Detroit, Mich. Dough mixing apparatus. 2,059,730; Nov. 3.
- Gordon, John F. (See Barr, H. F., Arnold, and Gordon.)
- Gordon, John H. (See Selquist, R., Overholt, and Gordon.)
- Gordon, John H., Birmingham, Mich. Bag. 2,055,657; Sept. 29.
- Gordon, Joseph I., Chicago, Ill. Combined bottle holder and closure-protector. 2,041,755; May 26.
- Gordon, Joseph P., Rockford, Ill. Belt buckle. 2,049,609; Aug. 4.
- Gordon, Malcolm K., Jr. (See Bennett, A. F., and Gordon.)
- Gordon, Morris. (See Gordon, Moses, assignor.)
- Gordon, Moses, assignor of one-half to M. Gordon, Cincinnati, Ohio. Hose supporter. 2,063,429; Dec. 8.
- Gordon, Peter, Venice, Calif. Padding for carpets and the like. 2,065,450; Dec. 22.
- Gordon, Philip C., Albany, N. Y. Warning apparatus. 2,046,510; July 7.
- Gordon, Robert A., and R. H. Falls, Gastonia, N. C. Air filter for fumes. 2,050,605; Aug. 11.
- Gordon, Robert M., Carnegie, Pa. Tin-plating. 2,044,210; June 16.
- Gordon, Walter L., and H. L. Johnson, assignors to Johnson Brothers Engineering Corporation, Waukegan, Ill. Steering handle. 2,041,704; May 26.
- Gordon, William R. (See Sullivan, R. H., and Gordon.)
- Gore, Herbert C., Scarsdale, and Q. Landis, New York, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Preparing coffee. 2,046,158; June 30.
- Gören, Georg, Berlin, Germany, assignor to C. Cohn, Cologne, Germany. Coating articles of food. 2,050,004; Aug. 4.
- Gorin, Frederick P., deceased, Seattle, Wash., Seattle Trust Company, executor. Typewriting machine. 2,039,245; Apr. 28.
- Gorke, Herbert. (See Overdick, F., and Gorke.)
- Görler, Ernst, and H. Fuchs, Berlin, Germany. Visual signaling device. 2,028,203; Jan. 21.
- Gorman, Edward A., Alexandria, Va., assignor to H. A. Wallace, as Secretary of Agriculture of the United States of America. Device for metering liquids. 2,057,234; Oct. 13.
- Gorman, Richard, Jr. (See Greer, P. S., and Gorman.)
- Gorman, William D., assignor to H. Brinton Company, Philadelphia, Pa. Pot cleaner and making the same. 2,059,099; Oct. 27.
- Gorr, Günther. (See Hagedorn, M., Bockmühl, and Gorr.)
- Gorrie, Harold T., Toronto, Ontario, Canada. Advertising display sign. 2,056,396; Oct. 6.
- Gorse, William F., Altrincham, assignor to Linotype and Machinery Limited, London, England. Magazine of typographical composing machines. 2,057,775; Oct. 20.
- Gorse, William F., Altrincham, and R. H. Scott, Enfield, assignors to Linotype and Machinery Limited, London, England. Typographical slug casting machine. 2,031,366; Feb. 18.
- Gorse, William F., Altrincham, and R. H. Scott, Enfield, assignors to Linotype and Machinery Limited, London, England. Typographical slug casting machine. 2,035,064; Mar. 24.
- Gorski, Frank, assignor of one-half to J. Buczkowski, Portland, Oreg. Variable pitch propeller. 2,030,629; Feb. 11.
- Gorsline, Robert A., Grand Rapids, and H. A. Ladue, Royal Oak, Mich. Stock working machine. 2,058,680; Oct. 27.
- Gorsline, Samuel G., River Forest, Ill., assignor to James P. Dowell, McKinney, Tex. Can sealing machine. 2,027,476; Jan. 14.
- Gorsline, Samuel G., River Forest, assignor to Automatic Canning Devices, Inc., Chicago, Ill. Pressure cooker clamp. 2,054,857; Sept. 22.
- Gorton, Clyde B., assignor to C. B. McClellan, Chicago, Ill. Coin chute. 2,035,230; Mar. 24.
- Gorton, Clyde B., assignor to C. B. McClellan, Chicago, Ill. Coin chute. 2,044,843; June 23.
- Gorton, George, Machine Company. (See Henkes, Peter M., assignor.)
- Gose, M. T. (See Maynard, Harrison, assignor.)
- Goserud, Chester O., St. Paul, Minn. Sash holder. 2,061,572; Nov. 24.
- Gosewich, Dorothy, St. George, N. Y. Hair waver. 2,061,356; Nov. 17.
- Gosher Manufacturing Company. (See Weaver, Earl L., assignor.)



- Goshorn, John C., Baltimore, Md. Filling method and apparatus. 2,032,359; Mar. 3.
- Gosling, Kenneth C. (See Sinclair, P. S., and Gosling.)
- Goss and De Leeuw Machine Company, The. (See Spring, Joseph J., assignor.)
- Goss, Harry T. (See Johnsen, Bjornulf, assignor.)
- Goss, Harry T., Rutherford, N. J., and B. Johnsen, Brooklyn, N. Y., assignors to L. N. S. Corporation, New York, N. Y. Liquid dispensing device. 2,028,102; Jan. 14.
- Goss, Henry F., and J. Opryshek, Baytown, Tex., assignors to Standard Oil Development Company. De-waxing hydrocarbon oils. 2,049,059; July 28.
- Goss, James H., Lynn, Mass., assignor to General Electric Company. Jewel bearing. 2,041,601; May 19.
- Goss, James H., and J. D. Snyder, Lewistown, Pa. Folding step for vehicles. 2,041,640; May 19.
- Goss & Johnsen. (See Johnsen, Bjornulf, assignor.)
- Goss, Myrtle M., Jamestown, Tenn. Undergarment. 2,055,973; Sept. 29.
- Goss, Oliver P. M. and W. C., Seattle, Wash., assignors to Carlisle Lumber Company. Manufacturing Lumber. 2,042,839; June 2.
- Goss Printing Press Company, The. (See Crafts, Curtis S., assignor.)
- Goss Printing Press Company, The. (See Fankboner, Harland, assignor.)
- Goss Printing Press Company, The. (See Foster, Frank A., assignor.)
- Goss Printing Press Company, The. (See Fuller, George H., assignor.)
- Goss Printing Press Company, The. (See Harless, Charles A., assignor.)
- Goss Printing Press Company, The. (See Smith, Ernest J., assignor.)
- Goss, William, Chicago, Ill. Plaster supporting device. 2,061,150; Nov. 17.
- Goss, Worth C. (See Goss, Oliver P. M. and W. C.)
- Goss, Worth C., Seattle, Wash., assignor to Humidity Control Company. Hygrometer. 2,051,246; Aug. 18.
- Gossard, H. W., Company, The. (See Martin, Marie, assignor.)
- Gossard, H. W., Company, The. (See Wipperman, Hilde-gard, assignor.)
- Gosselin, Armand, Montreal, Quebec, Canada. Holder for disposable receptacles. 2,062,023; Nov. 24.
- Gossett, Leo C., Fairmount, Ind. Cultivating implement. 2,026,887; Jan. 7.
- Gossiau, Fritz, Berlin-Charlottenburg, assignor, by mesne assignments, to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Multiple stage blower. 2,046,737; July 7.
- Gossiau, Fritz, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Air-cooled engine. 2,047,026; July 7.
- Gossler, Heinrich, Mannheim, Germany. Signaling device for power-vehicles. 2,034,616; Mar. 17.
- Gossner, Elwin L. E., San Francisco, Calif. Drapery fold forming tie-back. 2,053,332; Sept. 8.
- Goth, Erich, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Rectal narcotic. 2,027,905; Jan. 14.
- Goth, Erich, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Rectal narcotic. 2,048,066; July 21.
- Göth, Hans E. A. (See Oman, E., and Göth.)
- Göth, Hans E. A., assignor to Industriekemiska Aktiebolaget, Stockholm, Sweden. Evaporation. 2,032,087; Feb. 25.
- Gothaer Waggonfabrik, Aktiengesellschaft. (See Cule-meyer, Johann, assignor.)
- Gotham Optical Instrument and Machinery Corp. (See Kraemer, L. G., and Burroughs, assignors.)
- Gotham Pressed Steel Company. (See Anderson, Charles A., assignor.)
- Gothe, Albrecht. (See Berndt, W., and Gothe.)
- Gothe, Albrecht. (See Runge, W., and Gothe.)
- Gothe, Albrecht, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Short wave antenna. 2,055,100; Sept. 22.
- Gothe, Albrecht, and H. O. Roosenstein, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Broadcast antenna. 2,064,204; Dec. 15.
- Gotses, Spiro, et al. (See Schmidt, Louis D., assignor.)
- Gotshall, John M. (See McCollam, C. H., Warrick, and Gotshall.)
- Gottburg, Margarete. (See Girard, F., and Gottburg.)
- Götte, Ernst, Chemnitz, Germany, assignor to American Hyalcol Corporation, Wilmington, Del. Producing a waterproof scroop on fiber materials. 2,051,843; Aug. 25.
- Gottfried, Charles, New York, N. Y. Baking oven. 2,055,101; Sept. 22.
- Gottfried, John, New Haven, assignor to B. & G. Coin Selectors, Incorporated, Bridgeport, Conn. Coin assorting and selecting mechanism. 2,064,425; Dec. 15.
- Gottlieb, Ethel, Newark, N. J. Ventilated spectacles or eyeglasses. 2,027,037; Jan. 7.
- Gottlieb, Hans B., Chicago Heights, assignor to Victor Chemical Works, Chicago, Ill. Waterproofing composition. 2,057,675; Oct. 20.
- Gottlieb, Louis, Kansas City, Mo. Auxiliary tread for pneumatic tires. 2,046,159; June 30.
- Gottlieb, Oscar F. (See Sandberg, R. A., and Gottlieb.)
- Gottlieb, Oscar F., Lake Bluff, assignor to Oakes Products Corporation, North Chicago, Ill. Furnace construction. 2,046,115; June 30.
- Gottlieb, Saul, assignor to Supco Products Corporation, New York, N. Y. Hydraulic brake system. 2,036,038; Mar. 31.
- Gottschalk, Frederick P., Plainfield, N. J. Stationary blade for lawn mowers. 2,045,386; June 23.
- Gottschalk, Morris, Belleville, and J. M. Abrahams, Bloomfield, N. J. Health shirt and combination garment. 2,030,581; Feb. 11.
- Gottwald, Christian, Cleveland Heights, assignor to The Ric-wil Company, Cleveland, Ohio. Subterranean structure. 2,041,243; May 19.
- Gottwald, Christian, Cleveland Heights, and W. S. McLeish, New York, N. Y., assignors to The Ricwil Company, Cleveland, Ohio. Conduit construction. 2,050,968; Aug. 11.
- Goudeau, Lionel C., United States Marine Corps. Rifle sight. 2,052,562; Sept. 1.
- Goudey, Raymond F., and S. M. and H. R. Bennett, Los Angeles, Calif. Aerator. 2,058,785; Oct. 27.
- Goudsmit, Arnoldus, New York, and W. H. Summerson, Jackson Heights, N. Y. Photometer. 2,035,649; Mar. 31.
- Gouge, Arthur, assignor to Short Brothers (Rochester & Bedford) Limited, Rochester, England. Tubular structural members for tubes. 2,056,667; Oct. 6.
- Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric motor. 2,040,371; May 12.
- Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Adjustable mechanism for oscillating electric fans. 2,041,921; May 26.
- Goughnour, Charles L., York, Pa. Vacuum tool. 2,056,850; Oct. 6.
- Goughnour, Charles L., York, Pa. Electric heating circuit control. 2,065,451; Dec. 22.
- Gouhin, William J., Ashtabula, Ohio. Burial casket. 2,061,461; Nov. 17.
- Gouirand, René, New York, N. Y. Pneumatic suspension. 2,042,596; June 2.
- Gould, Charles W., Philadelphia, Pa. Adjustable spring curtain rod. 2,032,842; Mar. 3.
- Gould Coupler Company, The. (See Barrows, Donald S., assignor.)
- Gould Coupler Company, The. (See Blattner, Emil H., assignor.)
- Gould Coupler Company, The. (See Richards, Willard F., assignor.)
- Gould Coupler Company, The. (See Swan, H. G., and Suckow, assignor.)
- Gould, Edward A., and H. De Caigny, Duluth, Minn. Tank filling pipe closure. 2,029,477; Feb. 4.
- Gould, Edward R., Philadelphia, Pa. Washing machine. 2,033,630; Mar. 10.
- Gould, Edward R., Philadelphia, Pa. Extractor apparatus. 2,045,986; June 30.
- Gould, Edward J. (See Grogin, Harry, assignor.)
- Gould, Gardner S., Lunenburg, Mass. Self contained grinding wheel head. 2,032,011; Feb. 25.
- Gould, George M., assignor to G. E. Townsend, Brooklyn, N. Y. Hydraulic and pneumatic drain and pipe cleaner. 2,052,563; Sept. 1.
- Gould, George R. (See Spalding, Clarence G., assignor.)
- Gould, Harry V., Bridgeport, Conn. Can opener. 2,041,288; May 19.
- Gould, Herman, Brooklyn, and F. Ackerman, New York, N. Y. Offset printing press. 2,049,257; July 28.
- Gould, Herman, Brooklyn, and F. Ackerman, Bronx, assignors to Ackerman-Gould Corporation, New York, N. Y. Combined hot stamping and perforating device. 2,053,473; Sept. 8.
- Gould, Herman, Brooklyn, and F. Ackerman, New York, N. Y. Multicolor stamping machine. 2,065,690; Dec. 29.
- Gould, Leslie A., Bridgeport, Conn., assignor to Radio Inventions, Inc., New York, N. Y. Television apparatus and method. 2,058,681; Oct. 27.
- Gould, Merton H., Doyer-Foxcroft, Maine. Ice-creeper. 2,061,870; Nov. 24.
- Gould, Morton L. (See Dietz, Henry F., assignor.)
- Gould, Ralph E., assignor of one-half to N. N. Smith, Los Angeles, Calif. Carburetor. 2,038,785; Apr. 28.
- Gould, Richard E., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,034,138; Mar. 17.
- Gould, Richard E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,059,992; Nov. 3.
- Gould, Robert R., Dallas, Tex. Fishhook. 2,054,976; Sept. 22.
- Gouldbourn, Joseph, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,029,099; Jan. 28.
- Gouldbourn, Joseph, and H. E. Elliott, Leicester, England, and N. F. Hopkins, Rockland, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Lockstitch sewing machine. 2,049,369; July 28.
- Gouldbourn, Joseph, T. A. Kestell, and F. B. Keall, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,054,078; Sept. 15.



- Gouldbourn, Joseph, T. A. Kestell, and F. B. Keall, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,056,670; Oct. 6.
- Gouldbourn, Joseph, and T. A. Kestell, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,056,964; Oct. 13.
- Gouldbourn, Joseph, and T. A. Kestell, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,059,227; Nov. 3.
- Goulden, George H., Denver, Colo. Crankshaft grinder. 2,061,764; Nov. 24.
- Goulding, Edmund. (See Scott, A. B., and Goulding.)
- Goulds Pumps, Inc. (See Down, Carlton A., assignor.)
- Goulds Pumps, Inc. (See Mann, John, assignor.)
- Goulooze, Martin J., Grand Rapids, assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,048,212; July 21.
- Goulooze, Martin J., Grand Rapids, assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,058,864; Oct. 27.
- Goulooze, Martin J., Grand Rapids, assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,062,360; Dec. 1.
- Gourley, Glenn T., and F. J. Malat, assignors to The General Fireproofing Company, Youngstown, Ohio. Follower for filing drawers. 2,043,323; June 9.
- Gourley, William J. (See Barney, F. H., and Gourley.)
- Gourley, William J. (See Goehring, E. E., Barney, and Gourley.)
- Gourley, William J., and F. H. Barney, Fort Worth, Tex. Turnbuckle. 2,053,522; Sept. 8.
- Gourov, Vladimir, Leningrad, Union of Soviet Socialist Republics. Electromusical instrument. 2,036,691; Apr. 7.
- Gouverneur, Minor F. H., assignor to Locke Insulator Corporation, Baltimore, Md. Clay homogenizing method and apparatus. 2,026,782; Jan. 7.
- Gove, Emery T., Oakland, Calif. Scraper. 2,060,369; Nov. 10.
- Gove, Winfield D. (See Almen, J. O., and Gove.)
- Gove, Winfield D. (See Kirschner, H. J., and Gove.)
- Gove, Winfield D., Detroit, and J. Dolza, Flint, assignors to General Motors Corporation, Detroit, Mich. Torque loading lash adjusting device for friction roller transmissions. 2,030,203; Feb. 11.
- Gove, Winfield D., Detroit, and J. O. Almen, Royal Oak, assignors to General Motors Corporation, Detroit, Mich. Servomotor mechanism. 2,045,559; June 23.
- Gover, Miles L., Somerset, Ky. Support. 2,050,311; Aug. 11.
- Government of the United States, The. (See Duncan, R., and Wilkinson, assignors.)
- Government of the United States. (See Thomas, James L., assignor.)
- Government of the United States, The, represented by the Secretary of Commerce. (See Conn, Wallace T., assignor.)
- Government of the United States, The, represented by the Secretary of Commerce. (See Duncan, R., and Wilkinson, assignors.)
- Government of the United States, The, represented by the Secretary of Commerce. (See Isbell, Horace S., assignor.)
- Government of the United States of America, represented by the Secretary of the Navy. (See Schneidewind, Richard, assignor.)
- Government and the People of The United States, Free Use of the. (See Roberts, John W., assignor.)
- Government and The People of the United States of America, The. (See Bennett, C. A., and Gerdes, assignors.)
- Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Recovery and purification of lubricating oils from mineral oils. 2,041,677; May 19.
- Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Manufacture of lubricating oil. 2,044,721; June 16.
- Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Manufacture of lubricating oil. 2,044,722; June 16.
- Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Manufacture of lubricating oil. 2,044,723; June 16.
- Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Manufacture of lubricating oil. 2,044,724; June 16.
- Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Manufacture of lubricating oil. 2,044,725; June 16.
- Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Manufacture of lubricating oil. 2,044,726; June 16.
- Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Solvent refining of mineral oils. 2,049,060; July 28.
- Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company. Solvent refining of hydrocarbon oil. 2,054,052; Sept. 8.
- Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Dewaxing wax-bearing oil. 2,054,416; Sept. 15.
- Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Dewaxing of lubricating oil. 2,060,805; Nov. 17.
- Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Dewaxing hydrocarbon oil. 2,061,541; Nov. 17.
- Govoni, Augusto. (See Bouzagni, L. A., and Govoni.)
- Govoroff, Alexander, St. Louis, Mo., assignor, by mesne assignments, to E. Reich, Chicago, Ill. Electrical cooking machine. 2,039,218; Apr. 28.
- Govro-Nelson Company. (See Broders, Claude E., assignor.)
- Gow, William G., Belleville, N. J., assignor to Charles Mauro, New York, N. Y. Treating nuts in the shell. 2,059,787; Nov. 3.
- Gowdy, William F., assignor to Archer Rubber Company, Milford, assignor to Archer Rubber Company, Milford, Mass. Wearing apparel. 2,029,564; Feb. 4.
- Gowdy, William F., assignor to Archer Rubber Company, Milford, Mass. Finish for rubber goods and making and applying the same. 2,053,144; Sept. 1.
- Gower, Thomas C., Greenville, S. C. Automatic stoker for coal burners. 2,028,977; Jan. 28.
- Gowie, John L. (See Irving, P. L., and Gowie.)
- Grab, Eugene G., assignor to Food and Fruit Industries, Inc., Winchester, Va. Manufacture of vinegar. 2,057,144; Oct. 13.
- Grabe, Christian, San Jose, Calif. Animal chute. 2,050,527; Aug. 11.
- Grabmeyer, Albert. (See Davis, H. C., Grabmeyer, and Van Loozen.)
- Grabner, Peter. (See Jambrich, Lorenz, assignor.)
- Grabner, Robert, Bronx, N. Y. Fastening lace. 2,050,175; Aug. 4.
- Grace, Emanuel J., Erie, Pa. Device for clearing and cleaning clogged pipe lines. 2,051,700; Aug. 18.
- Grace, Richard W., assignor to The Superior Switchboard & Devices Company, Canton, Ohio. Safety connection and test block. 2,036,039; Mar. 31.
- Gracey, Frank T., Eddyville, Ky. Device for making cigarettes. 2,030,061; Feb. 11.
- Grady, Charles B., West Orange, N. J. Gas treating apparatus. 2,062,412; Dec. 1.
- Grady, Charles B., West Orange, N. J. Air conditioning apparatus. 2,062,413; Dec. 1.
- Grady, J. H., Manufacturing Company. (See Grady, John H., assignor.)
- Grady, John H., assignor to J. H. Grady Manufacturing Company, St. Louis, Mo. Play ball. 2,060,987; Nov. 17.
- Grady, Lester D., Jr., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Zinc dust paint. 2,044,292; June 16.
- Grady, John J., Hammond, Ind., assignor of thirty per cent to P. B. Eaton and thirty per cent to P. E. Pierson. Aircraft sign. 2,052,288; Aug. 25.
- Grady, John O., Arab, Ala. Weather strip. 2,032,698; Mar. 3.
- Grady, Stephen S., Magnolia, N. C., assignor to Fusoid Electric Co., Inc. Circuit breaker. 2,052,564; Sept. 1.
- Graebner, Otto F., Detroit, Mich., assignor to The Murray Corporation of America. Roof construction. 2,027,163; Jan. 7.
- Graebner, Otto F., Detroit, Mich., assignor to The Murray Corporation of America. Cutaway door-window construction. 2,060,862; Nov. 17.
- Graef, Russell C., Westfield, N. J. Building wall construction unit. 2,063,309; Dec. 8.
- Graenacher, Charles, Basel, and F. Ackermann, Binningen, near Basel, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of benzimidazoles having higher alkyl-groups at the u-carbon atom. 2,031,037; Feb. 18.
- Graenacher, Charles, and R. Sallmann, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of 1:2-diaminobenzene. 2,036,134; Mar. 31.
- Graenacher, Charles, Basel, F. Ackermann, Binningen, near Basel, A. Landolt, Riehen near Basel, and W. Geigy, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Retarding the absorption of dyestuffs by the fiber. 2,053,821; Sept. 8.
- Graenacher, Charles, Basel, and F. Ackermann, Binningen near Basel, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Alkylated imidazoles of high molecular weight and making same. 2,053,822; Sept. 8.
- Graenacher, Charles, Basel, and F. Ackermann, Binningen, near Basel, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Alkylated imidazoles of high molecular weight and making same. 2,056,449; Oct. 6.
- Graenacher, Charles, and R. Sallmann, assignor to firm Society of Chemical Industry in Basle, Basel, Switzerland. Assisting agents for the textile industry. 2,060,568; Nov. 10.
- Graeser, Margaret S., Oak Park, Ill. Lunch box. 2,061,965; Nov. 24.
- Graham, Ernest J. (See Daniels, C. B., and Graham.)
- Graf, Elmer J., Roselle Park, assignor to G. B. G. Corporation, Newark, N. J. Illuminated decorative device. 2,031,641; Feb. 25.
- Graf, Elmer J., Roselle Park, assignor to G. B. G. Corporation, Newark, N. J. Illuminated decorative device. 2,031,642; Feb. 25.



- Graf, Julius E., Avalon, Pa., and Edwin T. Lorig, Gary, Ind., assignors to American Sheet and Tin Plate Company. Strip handling. 2,050,053; Aug. 4.
- Graf, Steve, Detroit, Mich. Target game. 2,026,831; Jan. 7.
- Graf, Vincent J., assignor to Briggs Manufacturing Company, Detroit, Mich. Sink. 2,055,378; Sept. 22.
- Grafe, Viktor, Vienna, Austria. Improving and refining victuals and table-luxuries containing cellulose. 2,045,850; June 30.
- Graff, August H. (See Cornell, M. L., and Graff.)
- Graff, George E. (See Brunger, Paul E., assignor.)
- Graffenberger, Fredrick, assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Paper receptacle. 2,054,934; Sept. 22.
- Gragg, Herbert E., Kansas City, Mo. Stenciling tape. 2,040,988; May 19.
- Graham, Arthur A., Pittsburgh, Pa. Pipe nipple chuck. 2,048,333; July 21.
- Graham, Carl H. (See Haigh, William D., assignor.)
- Graham, Charley L., Miami, Fla. Vehicle coupling. 2,051,522; Aug. 18.
- Graham, Donald P., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthrimide carbazole vat dyestuffs and preparing the same. 2,028,103; Jan. 14.
- Graham, Donald P., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Intermediates and dyestuffs of the anthraquinone series. 2,028,104; Jan. 14.
- Graham, Dwight, Milwaukee, Wis., assignor to American Manganese Steel Company, Chicago Heights, Ill. Laminated tooth point. 2,032,875; Mar. 3.
- Graham, Frank A., York, Pa., assignor to American Chain Company, Inc., Bridgeport, Conn. Extension head for lifting jacks. 2,029,022; Jan. 28.
- Graham, Frank H., and V. D. Washburn, Jackson, Mich. Cleaning feed water heaters. 2,039,163; Apr. 28.
- Graham, Frank H., and V. D. Washburn, Jackson, Mich. Cleaning feed water heaters. 2,057,189; Oct. 13.
- Graham, Frank O., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,042,523; June 2.
- Graham, Frank O., assignor to Kelvinator Corporation, Detroit, Mich. Clutch for refrigerating apparatus. 2,050,836; Aug. 11.
- Graham, Fred, Lufkin, Tex., assignor to Lufkin Foundry & Machine Company. Straight line pumping jack. 2,048,119; July 21.
- Graham, George A. (See Friedman, W. F., and Graham.)
- Graham, George H., assignor to Arenda Corporation, Chicago, Ill. Egg tray. 2,045,771; June 30.
- Graham, George H., Chicago, and L. Robertson, Evanston, assignors to Carpenter-Hiatt Sales Co., Chicago, Ill. Liner. 2,040,516; May 12.
- Graham, George J. (See Robins, Washington L., assignor.)
- Graham, George K., Oceanside, N. Y., assignor to P. T. Wise, trustee, New York, N. Y. Electrical measuring means and electrically responsive means. 2,033,465; Mar. 10.
- Graham, George M., Detroit, A. E. Price, and W. O. Westcott, assignors to Hinchley-Myers Company, Jackson, Mich. Wheel measuring device. 2,029,067; Jan. 28.
- Graham, Gerald J., et al. (See Carroll, W. P., and Statmann, assignor.)
- Graham, Harold M., assignor, by mesne assignments, to Ross Heater & Mfg. Co. Inc., Buffalo, N. Y. Refrigerating apparatus. 2,052,619; Sept. 1.
- Graham, Harold M., assignor to Ross Heater & Mfg. Co. Inc., Buffalo, N. Y. Refrigerating system. 2,065,579; Dec. 29.
- Graham, Jack L., assignor of one-eighth to C. Simmons, and one-eighth to A. Lawson, Wichita, Kans. Storage tank. 2,040,372; May 12.
- Graham, James B., Mount Lebanon, Pa. Drill tube joint. 2,034,808; Mar. 24.
- Graham, James H., Torrington, Conn. Knitting needle. 2,045,267; June 23.
- Graham, James H., Torrington, Conn. Knitting needle. 2,045,268; June 23.
- Graham, John S., Youngstown, Ohio. Collapsible tube cap. 2,052,347; Aug. 25.
- Graham, Louis A. (See Schmitter, W. P., and Graham.)
- Graham, Louis A., Milwaukee, Wis. Variable speed transmission. 2,062,901; Dec. 1.
- Graham, Matthew P., assignor to The Crawford Door Company, Detroit, Mich. Sectional garage door. 2,061,304; Nov. 17.
- Graham, Maurice H., St. Louis Park, Minn. Toaster. 2,036,210; Apr. 7.
- Graham, Maurice H., St. Louis Park, Minn. Automatic toaster. 2,039,956; May 5.
- Graham, Maurice H., St. Louis Park, Minn. Apparatus for toasting bread, etc. 2,042,595; June 2.
- Graham, Oliver B. (See White, C., and Graham.)
- Graham, Robert N., South Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Production of ethyl alcohol. 2,038,512; Apr. 21.
- Graham, Robert N., South Charleston and W. S. Brackett, Charleston, W. Va., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Distillation apparatus. 2,035,428; Mar. 24.
- Graham, Samuel J., New York, N. Y., assignor to Individual Drinking Cup Company, Inc., Easton, Pa. Display device. 2,031,367; Feb. 18.
- Graham Simplex Pump Company. (See Graham, W. H., and Grau, assignors.)
- Graham, Stuart, Ottawa, Ontario, Canada. Wind speed and direction indicator. 2,040,305; May 12.
- Graham, Virgil M., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Radio signal receiving system. 2,055,790; Sept. 29.
- Graham, William H., Elko, Nev., and W. S. Grau, Los Angeles, Calif., assignors to Graham Simplex Pump Company (no stockholders liability), Santa Fe, N. Mex. Deep well pump. 2,042,336; May 26.
- Graham, William R., New York, N. Y., assignor to The Hinde and Dauch Paper Company, Sandusky, Ohio. Shipping crate. 2,050,791; Aug. 11.
- Graham, Harry E. (See Thomas, Harry M., assignor.)
- Graillat, Andre, New York, N. Y. Magazine vending machine. 2,032,278; Feb. 25.
- Graitcer, Tana, Philadelphia, Pa. Foot construction for dolls or the like. 2,043,658; June 9.
- Gram, Carl F. (See Ellsner, R., and Gram.)
- Gram, Carl F., Johnson City, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Thread guide. 2,055,820; Sept. 29.
- Gram, William A., Wainfleet Township, Ontario, Welland County, Canada. Doorlatch. 2,030,630; Feb. 11.
- Gramann, Heinrich F. M. (See Durand, N. C., and Gramann.)
- Gramann, Heinrich F. M., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonographic record mount. 2,036,040; Mar. 31.
- Grammes, L. F., & Sons, Inc. (See Weindel, Fred, Jr., assignor.)
- Grammes, L. F., & Sons, Inc. (See Weindel, F., and Price, assignors.)
- Gramophone Limited, The. (See Browne, Cecil O., assignor.)
- Grams, Joseph G., assignor of one-half to E. B. Chapman, Buffalo, N. Y. Projecting machine. 2,054,417; Sept. 15.
- Gränacher, Charles, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Imidazole sulphonic acids useful as textile assisting agents and making same. 2,036,525; Apr. 7.
- Gränacher, Charles, assignor to "Society of Chemical Industry in Basle", Basel, Switzerland. Basic imidazole compounds which are useful textile assisting agents and making same. 2,043,164; June 2.
- Gränacher, Charles, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Etheral cellulose derivatives and making the same. 2,054,746; Sept. 15.
- Granat, Joseph, San Francisco, Calif. Locked ring ensemble. 2,059,228; Nov. 3.
- Granat, Joseph, San Francisco, Calif. Ring. 2,061,655; Nov. 24.
- Granat, Nels B., et al. (See McDowell, John, J. F., and E., assignors.)
- Granata, Anthony J. (See Dolan, J., and Granata.)
- Granath, Axel G. (See Rapp, A. G. J., and Granath.)
- Granberg Meter Corporation. (See Brubaker, Walter S., assignor.)
- Granberg Meter Corporation. (See Brubaker, W. S., and Saarinen, assignors.)
- Granberg Meter Corporation, et al. (See Saarinen, A. J., assignor, and Curtis.)
- Grand, Gordon, et al. (See Twachtman, Quentin, assignor.)
- Grandone, Peter. (See Smith, H. M., and Grandone.)
- Grandone, Peter. (See Smith, H. M., Grandone, and Rall.)
- Grand Rapids Brass Company. (See Roedding, Gordon E., assignor.)
- Grand Rapids Fibre Cord Company. (See Sackner, Wade W., assignor.)
- Grand Rapids Store Equipment Company. (See Duncan, Lee O., assignor.)
- Grand Rapids Store Equipment Company. (See Vanderveld, Anthony, assignor.)
- Grandstaff, Otho D., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. 2,051,475; Aug. 18.
- Granfield, John C., and J. J. Vienneau, Pittsfield, Mass., assignors to General Electric Company. Resistance welding. 2,036,041; Mar. 31.
- Granger, Albert, Burlingame, Calif. Boot propelling device. 2,026,888; Jan. 7.
- Granger, Albert, Nebraska City, Nebr. Mop. 2,042,892; June 2.
- Granger, R. F., et al. (See Lamberson, E. G., and Granger.)
- Granite Steel Castings Corporation. (See Travilla, James C., Jr., assignor.)
- Granoff, Samuel et al. (See Granor, Charles B., assignor.)
- Granor, Charles B., Bridgeton, N. J., assignor of one-half to J. J. Katz and S. Granoff, Philadelphia, Pa. Safety device for motor vehicles. 2,037,779; Apr. 21.
- Granovsky, Albert A., New York, N. Y. Combination chair and lamp. 2,031,643; Feb. 25.
- Grant, Albert E., assignor to Raylite Trading Co. Inc., New York, N. Y. Wiring device. 2,044,290; June 16.
- Grant, Albert E., assignor to Raylite Trading Co. Inc., New York, N. Y. Wiring device. 2,044,291; June 16.



- Grant, Albert E., New York, and S. W. Vanderbeek, Manhasset, N. Y. Socket plug. 2,043,851; June 9.
- Grant, Arthur C., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,036,868; Apr. 7.
- Grant, Donald, Riverdale, N. Y. Game construction. 2,051,476; Aug. 18.
- Grant, Donald R., Canajoharie, and E. J. Hambrecht, Palatine Bridge, assignors to Beech-Nut Packing Company, Canajoharie, N. Y. Package and producing the same. 2,043,829; June 9.
- Grant, Donald R., Canajoharie, and E. J. Hambrecht, Palatine Bridge, assignors to Beech-Nut Packing Company, Canajoharie, N. Y. Machine for wrapping articles. 2,043,830; June 9.
- Grant, Dudley H., Berkeley Heights, N. J., assignor to Stanco Inc. Light protective wrapper. 2,058,786; Oct. 27.
- Grant, Francis R., Champaign, assignor to Board of Trustees of the University of Illinois, Urbana, Ill. Filling material. 2,040,256; May 12.
- Grant, Garnet P., New York, N. Y. Adjustable screen holder for cameras. 2,036,211; Apr. 7.
- Grant, Garnet P., Plandome, N. Y. Finger ring and method of making. 2,057,484; Oct. 13.
- Grant, Harry C., Jr., assignor to Walter Kidde & Company, Inc., New York, N. Y. Detection of suspended matter in fluids. 2,032,746; Mar. 3.
- Grant, Harry C., Jr., assignor to Walter Kidde & Company, Inc., New York, N. Y. Selective smoke detector. 2,033,466; Mar. 10.
- Grant, Harry C., Jr., assignor to Walter Kidde & Company, Inc., New York, N. Y. Voltage control. 2,035,125; Mar. 24.
- Grant, Harry C., Jr., assignor to Walter Kidde & Company, Inc., New York, N. Y. Detection of suspended matter in gaseous fluids. 2,042,095; May 26.
- Grant, Harry C., Jr., New York, N. Y., assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Supervised electric alarm system. 2,043,210; June 2.
- Grant, Harry C., Jr., New York, N. Y., assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Supervised electric system. 2,046,622; July 7.
- Grant, Harry C., Jr., assignor to Walter Kidde & Company, Inc., New York, N. Y. Supervised electric system. 2,064,533; Dec. 15.
- Grant-Holden-Graham Limited. (See Bulpit, H. C., and Holden.)
- Grant, Jim A. (See Lowry, G. A., and Grant.)
- Grant, John. (See Barkeley, James T., assignor.)
- Grant, John. (See Barkeley, J. T., and Ehr Gott, assignors.)
- Grant, John. (See Barkeley, J. T., and Scantlebury, assignors.)
- Grant, John. (See Ehr Gott, Victor F., assignor.)
- Grant, John. (See Erwin, Weldon C., assignor.)
- Grant, John. (See Santiago, James J., assignor.)
- Grant, John. (See White, Harry C., assignor.)
- Grant, John, Los Angeles, Calif. Roller cutter reamer. 2,029,770; Feb. 4.
- Grant, John E., Los Angeles, Calif., assignor to M. T. Yates, New York, N. Y. Concrete construction. 2,037,573; Apr. 14.
- Grant, Jordan W., Portsmouth, Va. Hose nozzle. 2,055,076; Sept. 22.
- Grant Paper Box Company. (See Dreyman, Carl G., assignor.)
- Grant, Percy L. (See Priestman, P. C., and Grant.)
- Grant, Richard S., and A. A. Schlegel, Akron, assignors to The Jaite-Grant Display Bag Company, Cleveland, Ohio. Procedure and apparatus for making window bags and wrappers. 2,031,580; Feb. 18.
- Grant, Richard S., and A. A. Schlegel, Akron, assignors to The Jaite-Grant Display Bag Company, Cleveland, Ohio. Apparatus for making window bags and wrappers. 2,065,327; Dec. 22.
- Grant, Walter S., Pittsburgh, Pa. Container. 2,034,809; Mar. 24.
- Grant, William H., assignor to The Bishop & Babcock Manufacturing Company, Cleveland, Ohio. Means for corrugating tubes. 2,028,150; Jan. 21.
- Grant, William H., assignor to The Bishop & Babcock Manufacturing Company, Cleveland, Ohio. Method of corrugating tubes. 2,028,151; Jan. 21.
- Granville, Alta M., administratrix. (See Haddock, J. C., and Granville.)
- Granville, Bernard, White Plains, N. Y. Mixing apparatus. 2,036,575; Apr. 7.
- Granville, Zantford D. (See Haddock, J. C., and Granville.)
- Graomann, Raymond L. (See Fischer, M. W. and Graomann.)
- Grapengeter, Ernst H. C., Hamburg, Germany. Treatment of foodstuffs. 2,054,500; Sept. 15.
- Graphicut Displays, Inc. (See Eisner, J., and Hoffman, assignors.)
- Grapp, Albert E., Minneapolis, Minn. Separating and concentrating machine. 2,037,574; Apr. 14.
- Graseby, Robert C., New Malden, England. Timepiece and the like. 2,031,705; Feb. 25.
- Graser, Harry, assignor to The Perfection Manufacturing Co., St. Louis, Mo. Locking mechanism for collapsible baby carriages and the like. 2,063,242; Dec. 8.
- Graser, Thomas T., assignor of one-half to E. D. Lichtenberg, Syracuse, N. Y. Liquid dispenser. 2,063,430; Dec. 8.
- Grasselli Chemical Company, The. (See Bousquet, E. W., Graves, and Salzberg, assignors.)
- Grasselli Chemical Company, The. (See Carlson, Fred C., assignor.)
- Grasselli Chemical Company, The. (See Griggs, Albert B., assignor.)
- Grasselli Chemical Company, The. (See Haag, I. L., and Devor.)
- Grasselli Chemical Company, The. (See Kannel, Charles, assignor.)
- Grasselli Chemical Company, The. (See Lawrence, Ralph E., assignor.)
- Grasselli Chemical Company, The. (See Lemmerman, Paul C., assignor.)
- Grasselli Chemical Company, The. (See Lemmerman, P. C., and Schweitzer, assignors.)
- Grasselli Chemical Company, The. (See Lutz, George, assignor.)
- Grasselli Chemical Company, The. (See Peirce, G. A., assignor.)
- Grasselli Chemical Company, The. (See Perry, J. H., and Ridler, assignors.)
- Grasselli Chemical Company, The. (See Schweitzer, William K., assignor.)
- Grasselli Chemical Company, The. (See Sheibley, Fred E., assignor.)
- Grasselli Chemical Company, The. (See Taylor, Edward A., assignor.)
- Grasselli Chemical Company, The. (See Weygandt, Arthur S., assignor.)
- Grasso, Santi, Philadelphia, Pa. Hair waving device. 2,041,641; May 19.
- Graton & Knight Company. (See Mader, Lewis H., assignor.)
- Gratzmuller, Louis R. E., Paris, France. Speed governing device applicable to electric traction. 2,062,810; Dec. 1.
- Grau, H. E., Pasadena, C. A. Lundeen and G. E. Mullinax, South Gate, assignors to Byron Jackson Co., Los Angeles, Calif. Slip elevator construction. 2,065,130; Dec. 22.
- Grau, Herbert E., assignor to Byron Jackson Co., Los Angeles, Calif. Safety hook. 2,027,376; Jan. 14.
- Grau, Herbert E., and C. A. Lundeen, Vernon, assignors to Byron Jackson Co., Los Angeles, Calif. Elevator for external upset pipe. 2,053,284; Sept. 8.
- Grau, William S. (See Graham, W. H., and Grau.)
- Grael, Ernest H. (See Harrison, T. R., Grael, and Kessler.)
- Grauer, Solomon, Brooklyn, N. Y. Tamperproof closure seal. 2,032,207; Feb. 25.
- Grauer, Solomon, Brooklyn, N. Y. Tamperproof closure seal. 2,043,243; June 9.
- Grauer, Theodor, Horn, Thurgau, Switzerland. Producing artificial silk. 2,053,660; Sept. 8.
- Grauer, Theodore, Horn, assignor to the firm Feldmühle A. G. vormalis Loeb, Schoenfeld & Co. Rorschach, Rorschach, Switzerland. Machine for spinning and aftertreating artificial silk. 2,053,189; Sept. 1.
- Grave, Georg, Frankfurt-on-the-Main, Germany, assignor to International Precipitation Company, Los Angeles, Calif. Method and apparatus for electrical treatment of gases or liquids. 2,049,561; Aug. 4.
- Grave, Otto, Berlin, Germany. Electric vacuum cleaner. 2,030,366; Feb. 11.
- Grave, Otto, Berlin, Germany. Electric vacuum cleaner. 2,030,367; Feb. 11.
- Grave, Otto, Peine Hannover, Germany. Piling. 2,043,891; June 9.
- Gravell, James H., Elkins Park, Pa. Apparatus for introducing fuel adjuncts into internal combustion engines. 2,052,763; Sept. 1.
- Gravely, Benjamin F., Dunbar, W. Va. Rotary plow. 2,051,443; Aug. 18.
- Graves, Earl R., Riverside, and S. C. Powell, Chicago, Ill., assignors to International Harvester Company. Radiator guard. 2,054,538; Sept. 14.
- Graves, Edward J. (See Graves, George J., and E. J.)
- Graves, Elizabeth E. (See Hempstone, Elizabeth N., assignor.)
- Graves, George D. (See Bousquet, E. W., Graves, and Salzberg.)
- Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making styrene. 2,036,410; Apr. 7.
- Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Xanthates and making same. 2,037,717; Apr. 21.
- Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Xanthates and making same. 2,037,718; Apr. 21.
- Graves, George DeW., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenated rubber and producing same. 2,046,160; June 30.
- Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of aroyl aromatic acids and their derivatives. 2,053,430; Sept. 8.
- Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resin. 2,057,676; Oct. 20.



- Graves, George De Witt, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,059,943; Nov. 3.
- Graves, George D., Wilmington, and J. H. Werntz, Marshallton, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Higher alkyl borates and silicates and preparing same. 2,053,474; Sept. 8.
- Graves, George J., and E. J. Graves, Jamestown, N. Y. Boiler. 2,033,425; Mar. 10.
- Graves, Harold N. (See Choate, R. E., Graves, and Leech.)
- Graves, Harvey L., Akron, Ohio. Window mounting. 2,051,638; Aug. 18.
- Graves, Herbert C., Jr., East Bradford Township, Chester County, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Electric circuit interrupter. 2,028,204; Jan. 21.
- Graves, Herbert C., Jr., East Bradford Township, Chester County, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Circuit controlling method and apparatus. 2,030,582; Feb. 11.
- Graves, Herbert C., Jr., East Bradford Township, Chester County, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Arc extinguishing device. 2,065,802; Dec. 29.
- Graves, John B. Jr., assignor to The Murray Company, Dallas, Tex. Buckle. 2,045,078; June 23.
- Graves, John B., Jr., assignor to The Murray Company, Dallas, Tex. Mote controlling device. 2,046,623; July 7.
- Graves, Mark S., Los Angeles, Calif. Vehicle safety brake. 2,061,029; Nov. 17.
- Graves, Walker C., Jr., San Francisco, Calif. Radio antenna unit. 2,039,988; May 5.
- Grawunder, Henry C., Bellville, Tex. Toy gun. 2,065,580; Dec. 29.
- Gray, Alvin N. (See Kemp, A. R., and Gray.)
- Gray-Arntzen Co. (See Arntzen, Ole B., assignor.)
- Gray, Arthur W., East Orange, N. J. Device for measuring materials. 2,046,068; June 30.
- Gray, Briscoe B., Washington, D. C. Air cooler. 2,063,921; Dec. 15.
- Gray, Carl C., Minneapolis, and H. L. Johnson, St. Paul, Minn. Grain aspirator. 2,037,719; Apr. 21.
- Gray, Cecil R., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,033,283; Mar. 10.
- Gray, Charles B., Millbourne, Pa. Musical instrument string. 2,049,769; Aug. 4.
- Gray, Charles B., Millbourne, Pa. Musical instrument string. 2,049,770; Aug. 4.
- Gray, Charles B., Millbourne, Pa. Tool for metal cutting machines. 2,064,796; Dec. 15.
- Gray, Clarence H., et al. (See Wert, Charles M., assignor.)
- Gray, Dale B., Kansas City, assignor to Gray & Terry Manufacturing Co., Kansas City, Mo. Collapsible basket. 2,030,204; Feb. 11.
- Gray, Daniel M. (See Greene, M. A., and Gray.)
- Gray, Daniel M., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Metal closure for bottles and jars. 2,063,157; Dec. 8.
- Gray, Daniel M., and J. J. Williams, assignors to Hazel-Atlas Glass Company, Wheeling, W. Va. Cushion fit cap. 2,026,889; Jan. 7.
- Gray, Deckerd J., Ware Shoals, S. C., assignor to Riegel Textile Corporation, New York, N. Y. Shirt. 2,028,658; Jan. 21.
- Gray, Edward, Detroit, Mich. Hydraulic transmission. 2,028,152; Jan. 21.
- Gray, Edward E., New Bedford, Mass. Card holder. 2,041,756; May 26.
- Gray, Ernest A., Brockton, Mass. Shoemaking. 2,058,975; Oct. 27.
- Gray, Frank. (See Ives, H. E., and Gray.)
- Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical system. 2,031,598; Feb. 25.
- Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Television. 2,041,127; May 19.
- Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro-optical system. 2,063,998; Dec. 15.
- Gray, G. A. Company, The. (See Walter, John M., assignor.)
- Gray, George, LeRoy, N. Y. Egg separator. 2,035,065; Mar. 24.
- Gray, Harry H., Kansas City, Mo. Match packet. 2,055,721; Sept. 29.
- Gray, Harry L., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Manufacture of photographic films. 2,059,862; Nov. 3.
- Gray, Harry Le B. (See Van Dyke, R. H., Staud, and Gray.)
- Gray, Helen, Jackson Heights, N. Y. Supporting device. 2,056,898; Oct. 6.
- Gray, Herbert E. (See Erickson, A. M., and Gray.)
- Gray, Herbert E. (See Gardner, George D., assignor.)
- Gray, Herbert E., assignor to Barron-Gray Packing Company, San Jose, Calif. Can conveying and filling device. 2,058,976; Oct. 27.
- Gray, James H., Long Beach, Calif. Vehicle wheel and tire lock. 2,027,728; Jan. 14.
- Gray, James R. (See Elphick, F. C., and Gray.)
- Gray, James W., New York, N. Y. Column level gauge. 2,031,533; Feb. 18.
- Gray, James W., Mountain Lakes, N. J., assignor to L. de Florez. Heating and distillation. 2,042,713; June 2.
- Gray, Jesse L., Dallas, Tex. Short wave sound system for visually observing. 2,031,884; Feb. 25.
- Gray, John D., Chicago, Ill. Display device. 2,029,771; Feb. 4.
- Gray, John E. (See Mueller, O. B., Rader, and Gray.)
- Gray, Luther E., Henryville, Ind. Dispensing and measuring device. 2,047,184; July 14.
- Gray Marine Motor Co. (See Fernstrum, Frank O., assignor.)
- Gray, Maurice et al. (See Maxfield, Donald F., assignor.)
- Gray Processes Corporation, The. (See Atwell, Harold V., assignor.)
- Gray Processes Corporation, The. (See Bjerregaard, August P., assignor.)
- Gray Processes Corporation, The. (See Cooke, Horace B., assignor.)
- Gray Processes Corporation, The. (See Gray, Thomas T., assignor.)
- Gray Processes Corporation, The. (See Hill, Joseph B., assignor.)
- Gray, Russell J., Minneapolis, Minn. Grease gun filler. 2,045,297; June 23.
- Gray, Russell J., Minneapolis, Minn. Lubricating means. 2,047,142; July 7.
- Gray, Russell J., Minneapolis, Minn. Lubricating means. 2,050,606; Aug. 11.
- Gray Telephone Pay Station Company, The. (See Long, George A., assignor.)
- Gray & Terry Manufacturing Co. (See Gray, Dale B., assignor.)
- Gray, Thomas C. (See Bard, F. N., Charles, and Gray.)
- Gray, Thomas C. (See Bard, F. N., Gray, and Priebe.)
- Gray, Thomas C., Evanston, Ill., assignor to Barco Manufacturing Co., Chicago, Ill. Piston rod guide for reverse gears. 2,064,534; Dec. 15.
- Gray, Thomas J., Milwaukee, Wis. Gummed strip moistener. 2,031,597; Feb. 25.
- Gray, Thomas T., deceased, late of Elizabeth, N. J., by T. S. Kenyon, Summit, and Union County Trust Company, Elizabeth, N. J., executors, assignors to The Gray Processes Corporation, Newark, N. J. Refining of fixed gases. 2,034,575; Mar. 17.
- Gray Tool Company. (See Roye, Richard T., assignor.)
- Gray Tool Company. (See Yancey, John R., assignor.)
- Gray, Wallace M., Cincinnati, Ohio. Shelf-type lubricator. 2,027,227; Jan. 7.
- Gray, William T., Altrincham, England, assignor to General Electric Company. Fluid control means. 2,031,478; Feb. 18.
- Grayson, Ellison C., and V. W. Benner, St. Paul, Minn. Apparatus for icing railway refrigerator cars or other vehicles. 2,063,431; Dec. 8.
- Grayson, Mercer D. (See Stull, D. L., and Grayson.)
- Grayson, Ralph V., Atlanta, Ga. Less than carload shipper. 2,034,139; Mar. 17.
- Grayson, Ralph V., Atlanta, Ga. Controlled system using sublimating refrigerant. 2,046,451; July 7.
- Grazer, Hiram H., U. S. Navy. Downdraft carburetor. 2,051,038; Aug. 18.
- Grazer Waggon-und Maschinenfabriks-Actiengesellschaft vormals Joh. Weitzer. (See Dietrich, Anton, assignor.)
- Grazier, Doré W., Johnstown, Pa. Air conditioner. 2,038,654; Apr. 28.
- Great Northern Paper Company. (See McLeod, John E., assignor.)
- Great Western Electro-Chemical Company. (See Hirschkind, Wilhelm, assignor.)
- Great Western Electro-Chemical Company. (See Ramage, William D., assignor.)
- Great Western Fuse Company. (See La Mar, Frank C., assignor.)
- Grebby, John W. (See Taylor, W. I., and Grebby.)
- Grebe, John J., assignor to The Dow Chemical Company, Midland, Mich. Facilitating production of wells. 2,053,285; Sept. 8.
- Grebe, John J. and S. M. Stoesser, assignors to The Dow Chemical Company, Midland, Mich. Heat storage and transfer agent. 2,033,702; Mar. 10.
- Grebe, John J., S. M. Stoesser, and F. R. Minger, assignors to The Dow Chemical Company, Midland, Mich. Dehumidifying solution. 2,033,934; Mar. 17.
- Grebe, John J., J. H. Reilly, and R. M. Wiley, assignors to The Dow Chemical Company, Midland, Mich. Production of carbon chlorides. 2,034,292; Mar. 17.
- Greco, Fortunate E., San Jose, Calif. String bean grader. 2,035,701; Mar. 31.
- Gredell, Otton N., Kansas City, assignor to Standard Steel Works, North Kansas City, Mo. Closure member for fill openings. 2,031,885; Feb. 25.
- Gredell, Otto N., Kansas City, assignor to Standard Steel Works, North Kansas City, Mo. Fastening device. 2,048,334; July 21.
- Gredys, Louis A., Chicago, Ill. Lens cleaning means. 2,053,475; Sept. 8.
- Green, A. P., Fire Brick Company. (See Wood, Horace O., assignor.)
- Green, Burton M., Brooklyn, N. Y. Azimuth compass. 2,028,063; Jan. 14.
- Green, Burton M., Brooklyn, N. Y. Azimuth circle. 2,059,944; Nov. 3.



- Green, Cecil H., assignor to International Communications Laboratories, Inc., Newark, N. J. Grid for an electron discharge device. 2,048,502; July 21.
- Green, Charles P., Chicago, Ill. Necktie forming device. 2,038,786; Apr. 28.
- Green, Charles W., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,045,325; June 23.
- Green, Charles W., Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 2,057,519; Oct. 13.
- Green, Charles W., Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 2,063,091; Dec. 8.
- Green, Clarence J., assignor to Norton Company, Worcester, Mass. Cam grinding apparatus. 2,041,244; May 19.
- Green, Clarence J., assignor to Norton Company, Worcester, Mass. Grinding apparatus. 2,046,261; June 30.
- Green, Dana B. (See Carruthers, E. H., and Green.)
- Green, Daniel, Company. (See Disch, John E., assignor.)
- Green, Earl F., Gettysburg, Pa. Hydraulic jack. 2,039,895; May 5.
- Green, Earl F., Gettysburg, Pa. Hydraulic vehicle jack. 2,039,896; May 5.
- Green, Ellis, Tulsa, Okla., assignor of one-half to S. R. Lorraine, San Marino, and one-half to W. T. Lundquist, Los Angeles, Calif. Bit cleaner. 2,041,467; May 19.
- Green, Ernest. (See Franklin, C. S., and Green.)
- Green, Ernest. (See Wells, N., and Green.)
- Green, Ernest, Penrose, Long Stomps, Chelmsford, England, assignor to Radio Corporation of America. Directional aerial system. 2,045,987; June 30.
- Green, Estill I. (See Affel, H. A., and Green.)
- Green, Estill I. (See Espenschied, L., and Green.)
- Green, Estill I., East Orange, N. J., assignor to American Telephone and Telegraph Company. Concentric conductor transmission system. 2,029,420; Feb. 4.
- Green, Estill I., East Orange, N. J., assignor to American Telephone and Telegraph Company. Power line carrier system. 2,032,360; Mar. 3.
- Green, Estill I., East Orange, N. J., assignor to American Telephone and Telegraph Company. Circuits with double circular shields. 2,034,035; Mar. 17.
- Green, Estill I., East Orange, N. J., assignor to American Telephone and Telegraph Company. Circuits with hexagonal shields. 2,034,036; Mar. 17.
- Green, Estill I., East Orange, N. J., assignor to American Telephone and Telegraph Company. Coaxial conductor transmission system. 2,035,545; Mar. 31.
- Green, Estill I., East Orange, N. J., assignor to American Telephone and Telegraph Company. Common medium multichannel exchange system. 2,064,904; Dec. 22.
- Green, Estill I., East Orange, N. J., assignor to American Telephone and Telegraph Company. Common medium multichannel exchange system. 2,064,905; Dec. 22.
- Green, Estill I., East Orange, N. J., assignor to American Telephone and Telegraph Company. Common medium multichannel exchange system. 2,064,907; Dec. 22.
- Green, Estill I., East Orange, and F. A. Leibe, Dunellen, N. J., assignors to American Telephone and Telegraph Company. Concentric conductor transmission system. 2,029,421; Feb. 4.
- Green, Estill I., and H. E. Curtis, East Orange, N. J., and S. P. Mead, New York, N. Y., assignors to American Telephone and Telegraph Company. Shielded pair of wires. 2,034,032; Mar. 17.
- Green, Estill I., and H. E. Curtis, East Orange, N. J., assignors to American Telephone and Telegraph Company. Shielded stranded pair. 2,034,033; Mar. 17.
- Green, Estill I., East Orange, N. J., and F. A. Leibe, Quakertown, Pa., assignors to American Telephone and Telegraph Company. Circuits with noncircular shields. 2,034,034; Mar. 17.
- Green, Estill I., East Orange, N. J., and W. H. Tidd, White Plains, N. Y., assignors to American Telephone and Telegraph Company. Remote metering system. 2,039,404; May 5.
- Green, Estill I., East Orange, N. J., and W. H. Tidd, White Plains, N. Y., assignors to American Telephone and Telegraph Company. Remote metering system. 2,039,405; May 5.
- Green, Estill I., East Orange, N. J., N. Monk, New York, W. H. Tidd, White Plains, N. Y., assignors to American Telephone and Telegraph Company. Common medium multichannel exchange system. 2,064,906; Dec. 22.
- Green, Floyd M., Columbus, Ohio. Brake shoe. 2,040,551; May 12.
- Green, Frank W., Oshkosh, Wis. Reversible flusher for cleaning automobile water cooling systems. 2,029,232; Jan. 28.
- Green, Fulton A., Ford City, Pa. Tire chain. 2,059,100; Oct. 27.
- Green, George P., Portales, N. Mex. Sectional boat. 2,040,373; May 12.
- Green, Harland C. (See Clark, D. E., and Green.)
- Green, Harland C., San Diego, assignor to Kelco Company, Los Angeles, Calif. Making alginic acid and product. 2,036,934; Apr. 7.
- Green, Harry J., Sr., H. J., Jr., and R. A., Tonganoxie, Kans. Stenotype copy holder. 2,048,259; July 21.
- Green, Howard D., Atlantic, Mass. Apparatus for testing and adjusting carburetors. 2,048,445; July 21.
- Green, Howard R., Cedar Rapids, Iowa. Sedimentation tank. 2,052,091; Aug. 25.
- Green, Irving W., Cranford, N. J., assignor to American Telephone and Telegraph Company. Cutting tool. 2,044,527; June 16.
- Green, Irving W., Cranford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Repertory dial. 2,061,273; Nov. 17.
- Green, James B., and J. M. Rathmell, assignor by mesne assignments, to Western-Austin Company, Aurora, Ill. Elevating grader. 2,045,387; June 23.
- Green, James L., Sr., Birmingham, Ala. Hand tool for cutting grass, weeds, and the like. 2,028,659; Jan. 21.
- Green, James W., Jr., Gloversville, N. Y. Glove. 2,040,989; May 19.
- Green, John. (See Holland, F. G., and Green, assignors.)
- Green, Josephine M., Spokane, Wash. Mirror support. 2,051,406; Aug. 18.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Grille-blade and end-bar assembly. 2,055,010; Sept. 22.
- Green, M. E. (See Burke, James P., assignor.)
- Green, Morris, Boston, assignor to A. R. Hyde & Sons Company, Cambridge, Mass. Shoe and shoemaking. 2,064,256; Dec. 15.
- Green, Nellie E., Turlock, Calif. Portable receptacle conveyor. 2,058,682; Oct. 27.
- Green, Newton B., assignor to Eastman Kodak Company, Rochester, N. Y. Folding camera. 2,033,703; Mar. 10.
- Green, Newton B., assignor to Eastman Kodak Company, Rochester, N. Y. Shutter construction. 2,047,263; July 14.
- Green, Newton B., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Erecting mechanism for folding cameras. 2,063,310; Dec. 8.
- Green, Robert H., and M. F. Carrington, Philadelphia, Pa. Transmission mechanism. 2,054,747; Sept. 15.
- Green, Samuel G. (See Howard, Forrest K.)
- Green, Samuel G., Gray, Ga. Packed joint for guns. 2,026,528; Jan. 7.
- Green, Samuel G., Gray, Ga. Pistol holster. 2,051,844; Aug. 25.
- Green, Samuel G., Gray, Ga., and F. K. Howard, East Falls Church, Va. Handwheel. 2,055,488; Sept. 29.
- Green, Say M., Cleveland, Ohio. Draft controller. 2,030,205; Feb. 11.
- Green, Stanley S., and F. Holmes, assignors to Duncan Electric Mfg. Co., Lafayette, Ind. Electric meter. 2,055,687; Sept. 29.
- Green, Thomas L., Oklahoma City, Okla. Card table. 2,060,302; Nov. 10.
- Green, Walter H., assignor to General Zeolite Co., Chicago, Ill. Fluid flow control system. 2,041,922; May 26.
- Green, Wilfred B., Rugby, England, assignor to General Electric Company, Schenectady, N. Y. Rolling mill drive. 2,029,164; Jan. 28.
- Green, William H., Lewisham, London, England. Closure for bottles and other containers. 2,038,040; Apr. 21.
- Green, William G., Tulsa, Okla. Neon sign. 2,059,451; Nov. 3.
- Green, William G., Tulsa, Okla. Seismograph. 2,062,784; Dec. 1.
- Green, William S., Waukesha, Wis. Commutator truing mechanisms. 2,061,398; Nov. 17.
- Green, William T., assignor to Maas & Waldstein Co., Newark, N. J. Dipping machine. 2,059,339; Nov. 3.
- Greenan, Max, New York, N. Y. Dipped-bridge lamp shade or similar article and making the same. 2,026,939; Jan. 7.
- Greenan, Max, New York, N. Y. Bridging films and making the same. 2,037,893; Apr. 21.
- Greenawalt Incinerating Corporation. (See Leftwich, Robert F., assignor.)
- Greenawalt, John E., New York, N. Y. Incinerating furnace. 2,032,412; Mar. 3.
- Greenawalt, John E., New York, N. Y. Incinerating furnace. 2,060,067; Nov. 10.
- Greenbaum, Frederick R., Philadelphia, Pa. Method and resulting compound from admixing sodium morrhuate and quinine solutions. 2,046,116; June 30.
- Greenbaum, Frederick R., assignor to The National Drug Company, Philadelphia, Pa. Mixture of and method of admixing sodium morrhuate and quinine solution. 2,037,196; Apr. 14.
- Greenbaum, Harry, Kansas City, Mo. Convertible garment. 2,048,120; July 21.
- Greenbaum, Martin, Newark, N. J. Cloth cutting machine. 2,060,197; Nov. 10.
- Green Bay Drop Forge Company. (See Van Laanen, Francis J., Jr., assignor.)
- Greenberg, Charles B., New York, N. Y. Spring bar. 2,063,733; Dec. 8.
- Greenberg, Jerome H., Brooklyn, N. Y. Tongue-cleaning device. 2,049,956; Aug. 4.
- Greenberg, Morris W., Buffalo, N. Y. Garment measuring device. 2,063,922; Dec. 15.
- Greenberg, Stuart N., San Francisco, Calif. Check valve for fire hydrants. 2,054,561; Sept. 15.
- Greene, Albert D., Alpha, assignor to Trupar Manufacturing Company, Dayton, Ohio. Air conditioner. 2,055,528; Sept. 29.
- Greene, Albert E., Medina, Wash. Electric reduction furnace. 2,033,029; Mar. 3.
- Greene, Arthur W., Englewood, N. J. Window tightener. 2,029,068; Jan. 28.
- Greene, Carl F. (See Breene, R. G., Greene, and Brelsford.)



- Greene, Charles W., assignor to The De Vilbiss Company, Toledo, Ohio. Hose. 2,034,654; Mar. 17.
- Greene, Chester W., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoe parts. 2,062,307; Dec. 1.
- Greene, Daniel A., Flint, Mich. Window glass channel. 2,026,971; Jan. 7.
- Greene, Daniel A., Flint, Mich. Window glass guide. 2,026,972; Jan. 7.
- Greene, Daniel A., Flint, Mich. Window glass guide. 2,026,973; Jan. 7.
- Greene, Daniel A., Flint, assignor to Stubnitz-Greene Spring Corporation, Adrian, Mich. Spring cushion seat. 2,060,465; Nov. 10.
- Greene, Ernest W., and R. M. Wilbur, Plant City, Fla., assignors to Coronet Phosphate Company, New York, N. Y. Ore concentrating machine. 2,047,773; July 14.
- Greene, Guy G., San Francisco, Calif., assignor to The American Steel and Wire Company of New Jersey. Stranding machine. 2,049,258; July 28.
- Greene, Harry J., Jr. (See Greene, Harry J., Sr., H. J., Jr., and R. A.)
- Greene, Howard H., Oklahoma City, Okla. Deep well bridge. 2,047,774; July 14.
- Greene, Max H., Chattanooga, Tenn., assignor of one-half to J. T. Clark, New York, N. Y. Releasing device for refrigerator ice trays. 2,052,822; Sept. 1.
- Greene, Michael A., and D. M. Gray, assignors to Hazel-Atlas Glass Co., Wheeling, W. Va. Closure for bottles and jars. 2,030,062; Feb. 11.
- Greene, Minnie, and L. Udey, El Segundo, Calif. Kitchen utensil. 2,063,432; Dec. 8.
- Greene, Oscar C., Forest Hills, assignor to Tropical Products Corporation, New York, N. Y. Preparing and utilizing natural fibers. 2,056,185; Oct. 6.
- Greene, Robert A. (See Greene, Harry J., Sr., H. J., Jr., and R. A.)
- Greene, William C., Company. (See Armstrong, George A., assignor.)
- Greene, William M., and P. E. Luther, assignors to Luminite Products Corporation, Salamanca, N. Y. Apparatus for making print rollers and the like. 2,028,699; Jan. 21.
- Greener, Charles E., Birmingham, England. Emulsifying machine. 2,030,251; Feb. 11.
- Greenewalt, Crawford H., Wilmington, Del., assignor, by mesne assignments, to Du Pont Rayon Company, New York, N. Y. Producing ketene. 2,053,286; Sept. 8.
- Greenewalt, Crawford H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resins containing nitrogen. 2,063,158; Dec. 8.
- Greenfield, J. Arthur, et al. (See Looney, William R., assignor.)
- Greenfield, Eugene, and F. J. Thibault, assignors to Liquefied Gas Development Company, Detroit, Mich. Fire pot construction. 2,064,535; Dec. 15.
- Greenfield, Robert E., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Manufacture of starch. 2,058,683; Oct. 27.
- Greenfield Tap and Die Corporation. (See Bruce, Chester F., assignor.)
- Greenfield Tap Die Corporation. (See Koonz, E. R., and Koehler, assignors.)
- Greenfield, William H., Philadelphia, Pa. Portable heater for tracks and switches. 2,055,839; Sept. 29.
- Greenhill & Daniel, Inc. (See Daniel, William, assignor.)
- Greenidge, Ralph M. C., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inductive device. 2,047,731; July 14.
- Greenlaw, Burpee D., assignor to The Brown Bag Filling Machine Company, Fitchburg, Mass. Nonjam screw feed. 2,060,569; Nov. 10.
- Greenleaf, Rupert L., and W. E. Dougherty, assignors to Haverhill Die Company, Haverhill, Mass. Die and die holder. 2,053,823; Sept. 8.
- Greenleaf, Walter J., Meadville, Pa. Reamer. 2,037,466; Apr. 14.
- Greenleaf, William H., Hartford, Conn. Weighing scale. 2,047,681; July 14.
- Greenlee Bros. & Co. (See Abramson, J. H., and Swanson, assignors.)
- Greenmun, Leo S., Syracuse, assignor of one-half to R. W. Riehlman, Tully, N. Y., and one-half to Dayatnite Lamp Corporation. Lamp. 2,054,286; Sept. 15.
- Greenpoint Metallic Bed Co. (See Frank, Benjamin M., assignor.)
- Greensboro Full Fashioned Hosiery Mills, Inc., et al. (See Koebberling, O., Zwicky, and Hunt, assignors.)
- Greensfelder, Bernard S. (See Lindeke, H. F., and Greensfelder.)
- Greensfelder, Bernard S. (See Taylor, J., Greensfelder, and Shiras.)
- Greensfelder, Elmer L., Baltimore, Md. Method of and apparatus for operating intelligence systems. 2,039,406; May 5.
- Greenstreet, Charles J., London, England. Treatment of carbonaceous material. 2,054,725; Sept. 15.
- Greenup, Alan H., Weston-super-Mare, England. Safety coupling-hook. 2,036,135; Mar. 31.
- Greenwald, Harold A., Los Angeles, Calif. Refrigerator. 2,058,077; Oct. 20.
- Greenwald, Harold A., and G. B. Palmer, Jr., assignors, by mesne assignments, to Kelvinator Corporation, Detroit, Mich. Counter cooling means. 2,033,983; Mar. 17.
- Greenwell, Nevil, Bethlehem, Pa., assignor to Bethlehem Steel Company. Leakproof bolt. 2,049,259; July 28.
- Greenwood, Chester, Farmington, Maine. Metal rake. 2,066,036; Dec. 29.
- Greenwood, Henry B., assignor to F. X. Hooper Company, Inc., Glenarm, Md. Shaft adjusting means. 2,030,027; Feb. 4.
- Greenwood, Henry B., assignor to F. X. Hooper Company, Inc., Glenarm, Md. Shaft adjusting means. 2,030,028; Feb. 4.
- Greenwood, Henry B., assignor to F. X. Hooper Company, Inc., Glenarm, Md. Web cut-off mechanism. 2,052,461; Aug. 25.
- Greenwood, Joseph A., Durham, N. C. Photometer. 2,051,208; Aug. 18.
- Greenwood, Richard F., New York, N. Y., assignor to Standard Equipments, Inc. Joint for rail ends and splice bars therefor. 2,041,828; May 26.
- Greenwood, Talma T., Winchester, Mass. Combined tilting stool and basket. 2,049,539; Aug. 4.
- Greenwood, Willey. (See Wise, F. C., and Greenwood.)
- Greer, Edward R. (See Barrett, W. D., and Greer.)
- Greer, Edward R., assignor to La Plant-Choate Manufacturing Company, Inc., Cedar Rapids, Iowa. Vehicle. 2,042,780; June 2.
- Greer, Elva O., Amarillo, Tex. Loose leaf binder. 2,063,548; Dec. 8.
- Greer, Herbert C., Morgantown, W. Va., H. C. Cappel, R. W. Shoemaker, New Philadelphia, S. Nyberg, Dover, A. Friedman, Cleveland, and M. M. Rose, East Cleveland, Ohio. Continuous strip annealing furnace. 2,035,312; Mar. 24.
- Greer, Paul S. (See Cox, H. L., and Greer.)
- Greer, Paul S., and R. Gorman, Jr., Charleston, W. Va., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Sulphation of olefines. 2,055,763; Sept. 29.
- Greger, George G., Toledo, Ohio. Storage battery connection. 2,058,787; Oct. 27.
- Gregg, Alfred W. and R. H. Frank, assignors to The Bonney-Floyd Company, Columbus, Ohio. Differentially heat-treated cast steel wheel. 2,029,819; Feb. 4.
- Gregg, Alfred W., and R. H. Frank, assignors to The Bonney-Floyd Company, Columbus, Ohio. Heat treatment of alloy glass machine castings. 2,057,892; Oct. 20.
- Gregg, Clarence M., Los Angeles, Calif., assignor to Los Angeles By-Products Co. Preparing discarded automobile fenders and similar materials for melting purposes. 2,059,229; Nov. 3.
- Gregg, David, Caldwell, assignor to Eclipse Aviation Corporation, East Orange, N. J. Internal combustion engine. 2,027,819; Jan. 14.
- Gregg, David, Caldwell, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Airplane heater. 2,034,140; Mar. 17.
- Gregg, David, Caldwell, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Centrifugal clutch. 2,038,038; Apr. 21.
- Gregg, David, Caldwell, assignor to Eclipse Aviation Corporation, East Orange, N. J. Oil separator. 2,038,039; Apr. 21.
- Gregg, David, Caldwell, assignor to Bendix Research Corporation, East Orange, N. J. Vibration absorbing centrifugal clutch. 2,058,440; Oct. 27.
- Gregg, David, Caldwell, assignor to Eclipse Aviation Corporation, East Orange, N. J. Air pump. 2,058,441; Oct. 27.
- Greig, James W., Grosse Pointe Park, assignor to Hudson Motor Car Company, Detroit, Mich. Ventilating window. 2,059,452; Nov. 3.
- Greggains, William R., Lee Center, N. Y. Double leader box. 2,050,944; Aug. 11.
- Gregorich, Matthew, assignor to The Moore Corporation, Joliet, Ill. Broiler drawer construction. 2,064,601; Dec. 15.
- Gregory, Andrew Y., White Plains, N. Y., and E. E. Seeley, Fairfield, Conn. Liquid parting product and applying same. 2,056,048; Sept. 29.
- Gregory, Carey G., Los Angeles, Calif. Combined ink well and bottle. 2,026,529; Jan. 7.
- Gregory, Charles W., Thornton Heath, and F. G. S. English, West Croydon, assignors to The Accounting & Tabulating Corporation of Great Britain Limited, London, England. Machine for producing records on statistical cards. 2,034,341; Mar. 17.
- Gregory, David P. (See Parker, W. H., and Gregory.)
- Gregory, Lon S., Tulsa, Okla., assignor to Harold C. Price, Bartlesville, Okla. Gas converting furnace. 2,049,699; Aug. 4.
- Gregory, Louis W. (See Roberts, R. P., Johnson, and Gregory.)
- Gregory, Thurlow G. (See Blech, Waldemar, assignor.)
- Greibach, Emil H., Brooklyn, N. Y., assignor, by mesne assignments, to Sonotone Corporation. Hearing-aid device. 2,046,738; July 7.
- Greibach, Emil H., Brooklyn, N. Y., assignor to Sonotone Corporation, New York, N. Y. Hearing-aid device. 2,064,426; Dec. 15.
- Greider, Harold W., Plymouth Meeting, Pa., assignor to The Philip Carey Manufacturing Company. Heat insulation material and making same. 2,042,096; May 26.
- Greider, Harold W., Wyoming, and G. A. Fasold, Cincinnati, Ohio, assignors to The Philip Carey Manufacturing Company. Web and bituminized article made therefrom, and making same. 2,051,168; Aug. 18.



- Greif Bros. Cooperage Co., The. (See Schane, Edward H., assignor.)
- Greif-Werke vorm. Deutsche Burobedarf-Gesellschaft Bruer & Co. (See Hagg, Bruno, assignor.)
- Greig, J. W. D., et al. (See Echberg, Arthur F., assignor.)
- Greiman, George H., Garner, Iowa. Lifting jack. 2,043,479; June 9.
- Greiner, Carl F., Springfield, assignor to The Buffalo-Springfield Roller Co., Springfield, Ohio. Road roller. 2,029,659; Feb. 4.
- Greiner, Carl F., assignor to The Buffalo-Springfield Roller Co., Springfield, Ohio. Road roller. 2,055,974; Sept. 29.
- Greiner, Charles J. (See Davis, M. N., and Greiner.)
- Greiner, Charles J. (See Fourness, C. A., and Greiner.)
- Greis, Henry N. (See McElwaine, Clayton B., assignor.)
- Greiser, Melvin R., Cincinnati, assignor to Carthage Mills Incorporated, Carthage, Ohio. Printing of fibrous materials by impregnation. 2,027,820; Jan. 14.
- Greissinger, Georg, Vaihingen, Germany. Knee joint for artificial legs. 2,046,069; June 30.
- Greist Manufacturing Company, The. (See Finizie, T., and Elwell, assignors.)
- Grenat, John J., Detroit, Mich. Carburetor. 2,063,433; Dec. 8.
- Grenell, Arthur F. (See Abraham, L. G., and Grenell.)
- Grenier, Gerard C., Albany, N. H. Tobacco pouch. 2,062,001; Nov. 24.
- Grenier, Joseph A. R., Montreal, Quebec, Canada. Bottle carrier. 2,065,803; Dec. 29.
- Greskovicz, Joseph, Chicago, Ill. Liquid dispensing applicator. 2,037,073; Apr. 14.
- Gress, Louis. (See Goldberger, N. S., Weiss, and Gress.)
- Gressner, Alexander, Habana, Cuba. Sulphonation of oils and greases. 2,039,989; May 5.
- Greteler, Otto, Zurich, Switzerland. Apparatus for the wet-treatment of textile goods. 2,034,687; Mar. 17.
- Gretener, Edgar. (See Frieser, H., and Gretener.)
- Gretener, Edgar, Berlin-Siemensstadt, Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland. Apparatus for use in color photography. 2,030,446; Feb. 11.
- Gretener, Edgar, Berlin-Siemensstadt, Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland. Multicolor-screen for use with lenticulated films. 2,030,447; Feb. 11.
- Gretener, Edgar, Berlin, Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland. Motion picture copying and projecting. 2,060,669; Nov. 10.
- Greterman, Lambert, Santa Monica, Calif. Record cutting head. 2,033,824; Mar. 10.
- Grether, Ernest F., and R. B. Du Vall, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of glycollic acid. 2,028,064; Jan. 14.
- Grettie, Donald B. (See Richardson, W. D., Grettie and Newton.)
- Grettie, Donald P. (See Newton, R. C., and Grettie.)
- Grettie, Donald P., Chicago, Ill. Fat stabilization. 2,052,289; Aug. 25.
- Grettie, Donald P., assignor to Industrial Patents Corporation, Chicago, Ill. Salad oil and making same. 2,050,528; Aug. 11.
- Greulich, Gerald G., Mount Lebanon Pa. Piling section. 2,056,066; Sept. 29.
- Greulich, Gerald G., Mount Lebanon, Pa. Structural member. 2,065,493; Dec. 22.
- Greulich, Gerald G., Mount Lebanon, Pa. Welded structural member. 2,065,494; Dec. 22.
- Greune, Heinrich, Frankfurt-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Preparing 1,4,5,8-naphthalene-tetra-carboxylic acid. 2,050,657; Aug. 11.
- Greve, Herman L. (See Luebker, Fred E., assignor.)
- Greve, Herman L., Hollis, assignor to International Mailing Tube and Wrapper Company, Long Island City, N. Y. Carton. 2,034,675; Mar. 17.
- Greve, Herman L., Hollis, assignor to International Mailing Tube and Wrapper Company, Long Island, N. Y. Carton. 2,044,979; June 23.
- Greve, Herman L., Hollis, assignor to International Mailing Tube and Wrapper Company, Long Island City, N. Y. Carton. 2,044,980; June 23.
- Greve, Louis W., Cleveland, and J. C. Curtis, Garfield Heights, assignors to The Cleveland Rock Drill Company, Cleveland, Ohio. Drilling apparatus. 2,044,880; June 23.
- Grewcock, Horace, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel attaching machine. 2,050,312; Aug. 11.
- Grey Iron Casting Company. (See Schmidt, Samuel S., assignor.)
- Greyson, Frederick R., Oakland, Calif. Folding table. 2,038,838; Apr. 28.
- Gribble, Clerc A., Minneapolis, Minn. Apparatus for removing candle wax from holders. 2,041,542; May 19.
- Gridley, George O., and D. H. Montgomery, Berlin, and E. Wheeler, Hartford, assignors, by mesne assignments, to The New Britain Machine Company, New Britain, Conn. Metalworking machine. 2,055,434; Sept. 22.
- Gridley, George O., and D. H. Montgomery, Berlin, and E. H. Wheeler, Hartford, assignors, by mesne assignments, to The New Britain Machine Company, New Britain, Conn. Metalworking machine. 2,055,435; Sept. 22.
- Gridley, George O., New Britain, D. H. Montgomery, Berlin, and E. H. Wheeler, Hartford, assignors, by mesne assignments, to The New Britain Machine Company, New Britain, Conn. Indexing station type machine. 2,055,436; Sept. 22.
- Grieb, Wallace W., Downers Grove, and E. J. Simon, Chicago, assignors to H. C. Scholz, West Pullman, Ill. Machine for sealing folders. 2,064,658; Dec. 15.
- Grieder, Theodore G. (See Barnes, James L., assignor.)
- Grier, Frank L., Milford, Del. Temple for eyeglasses. 2,031,771; Feb. 25.
- Grier, Frank L., Milford, Del. Nose pad for eyeglasses. 2,032,843; Mar. 3.
- Grier, John A., New York, N. Y., assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,032,012; Feb. 25.
- Gries, Fred W., Averill Park, N. Y. Clamping device for switch boxes and other fixtures. 2,063,923; Dec. 15.
- Griesel, Heinrich, Berlin, Germany. Construction of buildings. 2,044,844; June 23.
- Grieshaber, Eugene, Glendale, N. Y. Automobile door control. 2,044,903; June 23.
- Grieshaber, Fritz, Riehen, near Basel, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Printing preparation and process. 2,029,999; Feb. 4.
- Griesinger, John, Los Angeles, Calif., assignor to The National Marking Machine Company, Cincinnati, Ohio. Tab affixing machine. 2,052,023; Aug. 25.
- Grieve, Fred H., Corning, Calif. Regluing tenon and mortise joints. 2,040,126; May 12.
- Grieve, Ralph E. (See Munro, D. H., and Grieve.)
- Griffel, Leon J., assignor to Hanlon-Waters, Inc., Tulsa, Okla. Pilot pressure control mechanism. 2,032,611; Mar. 3.
- Griffey, Leon J., assignor to Hanlon-Waters, Inc., Tulsa, Okla. Time control mechanism. 2,048,607; July 21.
- Griffin, Charles L., Birmingham, Ala. Hammer. 2,052,975; Sept. 1.
- Griffin, George O., and J. H. Batchelor, assignors to Motor Appliance Company, Savannah, Ga. Carburetor. 2,050,567; Aug. 11.
- Griffin, Harold H., Ridgewood, and A. Burgeni, East Orange, N. J., assignors to Wallwood Corporation, New York, N. Y. Reducing the shrinkage of wood. 2,045,350; June 23.
- Griffin, Hugh P., and R. P. Richardson, Reidsville, N. C. Shoe polish. 2,028,324; Jan. 21.
- Griffin, James H., St. Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Glass grinding apparatus. 2,041,642; May 19.
- Griffin, Joseph F. (See Rawson, E., and Griffin.)
- Griffin, Joseph F., Teaneck, N. J., assignor to The Superheater Company, New York, N. Y. Injector. 2,056,267; Oct. 6.
- Griffin, Leo. (See Harder, William H., assignor.)
- Griffin, Norval B., Portsmouth, Ohio, assignor to The Selby Shoe Company. Shoe sole construction. 2,050,210; Aug. 4.
- Griffin, Samuel S., Orlando, Fla. Fruit juice extractor. 2,032,477; Mar. 3.
- Griffin, Timothy G., Yonkers, N. Y. Well point. 2,028,447; Jan. 21.
- Griffin, Timothy G., Yonkers, N. Y. Well point. 2,035,313; Mar. 24.
- Griffin, Timothy G., Yonkers, N. Y. Installing of bed of filter material around a well point. 2,054,748; Sept. 15.
- Griffin, William T., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Window construction. 2,029,772; Feb. 4.
- Griffing, Herbert J. (See Belden, A. G., and Griffing.)
- Griffing, Herbert J., assignor to Norton Company, Worcester, Mass. Truing apparatus. 2,056,149; Sept. 29.
- Griffith, Alan A. (See Helmore, W., and Griffith.)
- Griffith, Alan A., and W. Helmore, South Farnborough, assignors to C. C. Wakefield & Company Limited, London, England. Treatment of lubricating oils. 2,032,279; Feb. 25.
- Griffith, Carroll L., and L. A. Hall, assignors to The Griffith Laboratories, Inc., Chicago, Ill. Solid seasoning composition containing lecithin. 2,032,612; Mar. 3.
- Griffith, Charles G., et al. (See Bristow, Harry L., assignor.)
- Griffith, Clement P., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Air release mechanism for dispensing apparatus. 2,044,727; June 16.
- Griffith, Clement P., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Dispensing apparatus. 2,062,308; Dec. 1.
- Griffith, Earl G., Los Angeles, Calif. Revolving bin for fruit. 2,064,257; Dec. 15.
- Griffith, Enoch L., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Discharging plastic material and device therefor. 2,047,626; July 14.
- Griffith, Enoch L., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Meat curing mass and manufacture thereof. 2,054,623; Sept. 15.
- Griffith, Enoch L., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Curing salt mass. 2,054,624; Sept. 15.
- Griffith, Enoch L., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Manufacture of meat curing salt. 2,054,625; Sept. 15.



- Griffith, Enoch L., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Curing meat and the like. 2,054,626; Sept. 15.
- Griffith, Fred E. (See Craig, W. A., and Griffith.)
- Griffith, Harry J., assignor of one-twelfth to E. Cone, one-twelfth to M. Cone, and one-twelfth to E. L. Cone, Denver, Colo. Tire-spreading tool. 2,044,681; June 16.
- Griffith-Hope Company. (See Hope, S. N., and Drath, assignors.)
- Griffith, Hugh. (See Anderson, T., Griffith, and Henson.)
- Griffith, Jeane, Philadelphia, Pa. Galosh. 2,033,935; Mar. 17.
- Griffith, John C. (See Winstron, W. O., and Griffith.)
- Griffith Laboratories, Inc., The. (See Griffith, C. L., and Hall, assignors.)
- Griffith Laboratories, Inc. (See Griffith, Enoch L., assignor.)
- Griffith, Raymond E. (See Corriston, John W., assignor.)
- Griffith, Raymond W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Assembly tool for lock cylinders. 2,031,159; Feb. 18.
- Griffith, Raymond W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Machine for use in manufacture of cylinder locks. 2,046,624; July 7.
- Griffith, Raymond W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Key cutting tool. 2,051,139; Aug. 18.
- Griffith, Thomas R., assignor to R. J. Reaney, Ottawa, Ontario, Canada. Binding rubber and metal. 2,058,865; Oct. 27.
- Griffith, Winfred S., Worcester, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Bottle labeling machine. 2,064,108; Dec. 15.
- Griffiths, Alfred, London, assignor, by mesne assignments, to Kleenglas (1935) Limited, Liverpool, England. Machine for washing, drying, and polishing tumblers, cups, and like articles. 2,032,013; Feb. 25.
- Griffiths, Edgar J., et al. (See Matthews, Percy W., assignor.)
- Griffiths, Septimus H., Canton, Ohio. Combined metal mold for casting and stripping ingots. 2,065,969; Dec. 29.
- Griffiths, William U., Philadelphia, Pa. Faucet. 2,030,510; Feb. 11.
- Griggs, Albert B., Shaker Heights, assignor to The Grissell Chemical Company, Cleveland, Ohio. Anode. 2,058,684; Oct. 27.
- Griggs, Joseph P., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Fabric centering apparatus. 2,064,793; Dec. 15.
- Grigsby, Albert R. (See Brown, H., and Grigsby.)
- Grillet, François J., Caluire, France. Regulating device for wireless receivers. 2,056,376; Oct. 13.
- Grillo, Wilhelm, Handelsgesellschaft, m. b. H. (See Reinhard, Hugo, assignor.)
- Grimes, David, Dongan Hills, Staten Island, N. Y., assignor to Radio Corporation of America. Radio receiver. 2,038,730; Apr. 28.
- Grimes, David, and W. S. Barden, Grasmere, Staten Island, N. Y., assignors to Radio Corporation of America. Combined detector oscillator circuit. 2,034,513; Mar. 17.
- Grimes, David, and W. S. Barden, Staten Island, N. Y., assignors to Radio Corporation of America. Modulation analyzer. 2,053,076; Sept. 1.
- Grimes, Harry, Evergreen Park, Ill. Plaster ground. 2,047,504; July 14.
- Grimes, Joe, et al. (See Lillie, Edwin C., assignor.)
- Grimes, Lucius H. (See McKinney, Robert, assignor.)
- Grimes, Thaddeus S., assignor to Lummus Cotton Gin Company, Columbus, Ga. Fastening means. 2,040,374; May 12.
- Grimes, Thaddeus S., assignor to Lummus Cotton Gin Company, Columbus, Ga. Cotton gin. 2,053,190; Sept. 1.
- Grimes, Warren G., Urbana, Ohio. Position light. 2,058,977; Oct. 27.
- Grimes, Wm. L. (See Sharp, L. Alan, assignor.)
- Grimm, Henry W., Tulsa, Okla. Piston oil ring. 2,056,099; Sept. 29.
- Grimme, Walter. (See Martin, F., Grimme, and Köppelmann.)
- Grimme, Walter. (See Tramm, H., and Grimme.)
- Grimscom-Russell Company, The. (See Price, Joseph, assignor.)
- Grimshaw, Robert S., assignor to General Motors Corporation, Detroit, Mich. Concealed spare wheel. 2,036,472; Apr. 7.
- Grimston, Francis B. S., Haslemere, Surrey, England. Hood for vehicles. 2,051,140; Aug. 18.
- Grindrod, George, Oconomowoc, Wis., assignor to Grindrod Process Corporation, Dover, Del. Treating fruit juice (grape). 2,059,788; Nov. 3.
- Grindrod, George, Oconomowoc, Wis., assignor to Grindrod Process Corporation, Dover, Del. Treating fruit juice. 2,059,789; Nov. 3.
- Grindrod Process Corporation. (See Grindrod, George, assignor.)
- Grinham, Edward G., assignor of one-half to The Standard Motor Company Limited, Coventry, England. Frame for motor vehicles. 2,050,945; Aug. 11.
- Grinnell, Albert A., assignor to Whedon, Inc., Medina, N. Y. Seat construction. 2,047,682; July 14.
- Grinnell, Albert A., assignor to Whedon, Inc., Medina, N. Y. Vehicle construction. 2,064,536; Dec. 15.
- Grinnell Lithographic Co. (See Buehler, Max, assignor.)
- Grinslade, Thomas E., Panama City, Fla. Peanut harvester. 2,054,501; Sept. 15.
- Grinsted, William H., Bromley, and J. E. Tees, assignors to Siemens Brothers & Company Limited, London, England. Telephone system. 2,039,592; May 5.
- Grip, Carl A. O. (See Pikul, J. H., and Grip.)
- Griscom, Alfred C., assignor to The Dairy Specialties, Inc., Sandy Hook, Conn. Brush machine. 2,035,881; Mar. 31.
- Griscom-Russell Company, The. (See Price, Joseph, assignor.)
- Griscom-Russell Company, The. (See Price, J., and Jones, assignors.)
- Griscom-Russell Company, The. (See Ris, Kenneth B., assignor.)
- Griscom-Russell Company, The. (See Sebald, Leslie E., assignor.)
- Griscom, Samuel B., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Initiating element for automatic oscillographs. 2,036,270; Apr. 7.
- Grisell, Lowell H., Highland Park, Mich. Fuel pump. 2,037,894; Apr. 21.
- Grison, Elmer J., Fanwood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Ornamental surface finish. 2,055,658; Sept. 29.
- Grissett, William J., Texon, Tex. Pressure relief valve. 2,047,581; July 14.
- Grissett, William J., Texon, Tex. Plug valve operator. 2,052,462; Aug. 25.
- Griswold, Donald G., Los Angeles, assignor, by mesne assignments, to Clayton Manufacturing Company, Alhambra, Calif. Method and apparatus for compressing gas. 2,061,938; Nov. 24.
- Griswold, Frederick C., Port Jefferson, N. Y. Locking and releasing mechanism for swinging doors or the like. 2,059,692; Nov. 3.
- Griswold, Howard L., assignor to The Miller Seal Company, Columbus, Ohio. Freight car seal. 2,047,100; July 7.
- Griswold Manufacturing Company, The. (See Anderson, Carl R., assignor.)
- Griswold Manufacturing Company, The. (See Fromknecht, Bernard M., assignor.)
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,028,903; Jan. 28.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,034,944; Mar. 24.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Transmission mechanism. 2,037,074; Apr. 14.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Valve spring. 2,040,435; May 12.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,045,011; June 23.
- Grob, Benjamin, assignor to Grob Brothers, West Allis, Wis. Open end band saw. 2,050,490; Aug. 11.
- Grob Brothers. (See Grob, Benjamin, assignor.)
- Grob, Hugo, Berlin, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Winding for direct current dynamo armatures having more than two superimposed coil sides per slot. 2,035,470; Mar. 31.
- Grob, Hugo, Berlin, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Compound winding. 2,054,902; Sept. 22.
- Grob, Hugo, Berlin, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Arrangement for improving the communication in direct current machines. 2,060,935; Nov. 17.
- Grobe, Julius J. (See Wantz, J. B., and Grobe, assignor.)
- Grobman, Samuel H., assignor to The H. A. Wilson Company, Newark, N. J. Finger ring and making it. 2,052,290; Aug. 25.
- Groden, John J., Philadelphia, Pa. Tire carrier. 2,063,092; Dec. 8.
- Grodetsky & Polák. (See Polák, Bohumil, assignor.)
- Grodsky, Isaac. (See Gonen, H., and Grodsky.)
- Grodzki, Romuald. (See Bahlke, A. F., and Grodzki.)
- Groene, William F., and W. R. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Chuck. 2,030,020; Feb. 4.
- Groene, William F., and G. W. Luning, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Chuck. 2,030,142; Feb. 11.
- Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Air valve-vacuum breaker. 2,033,467; Mar. 10.
- Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Double sink. 2,036,692; Apr. 7.
- Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Valve for outlets of receptacles and operating mechanism therefor. 2,052,565; Sept. 1.
- Groenlger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Adjustable evacuator. 2,055,489; Sept. 29.
- Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Evacuator. 2,055,490; Sept. 29.



- Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Sink and laundry tub. 2,063,243; Dec. 8.
- Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Uniting fluid streams and device therefor. 2,065,523; Dec. 29.
- Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Fluid transmission system and fittings therefor. 2,065,524; Dec. 29.
- Groenke, Walter E., Maywood, Ill., assignor to American Can Company, New York, N. Y. Can body. 2,064,537; Dec. 15.
- Groesbeck, Walter D., Ballston, Va. Garment supporter. 2,040,046; May 5.
- Groeschel, Sidney C., and A. G. Dawson, Columbia, S. C. Awning. 2,046,680; July 7.
- Groetschen, Richard, Chicago, Ill. Lap. 2,044,474; June 16.
- Groff, Howard M., et al. (See Blair, James H., assignor.)
- Grogan, William H., and F. C. Ladd, assignors to Keith Paper Company, Turners Falls, Mass. Apparatus for producing safety paper. 2,034,232; Mar. 17.
- Grogen, Byron F., Menasha, assignor to Marathon Paper Mills Company, Rothschild, Wis. Bread package. 2,048,213; July 21.
- Grogin, Harry, Brooklyn, assignor of one-half to E. J. Gould, New York, N. Y. Combined camera and flash lamp. 2,049,735; Aug. 4.
- Grohn, Henry P., Chicago, Ill., assignor to McClave-Brooks Company, Scranton, Pa. Interlocking control for change gears. 2,039,407; May 5.
- Grohsgal, Alexis C., Englewood, N. J., assignor of one-half to J. J. Steinharter, New York, N. Y., and one-half to himself. Multiband radio apparatus. 2,064,828; Dec. 22.
- Groll, Herbert P. A., Oakland, and G. Hearne, Berkeley, Calif. Treatment of vinyl type monohalides. 2,060,303; Nov. 10.
- Groll, Herbert P. A., Oakland, and C. J. Ott, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Preparation of unsaturated ethers. 2,042,219; May 26.
- Groll, Herbert P. A., Oakland, and H. W. de Jong, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalytic oxidation of unsaturated alcohols. 2,042,220; May 26.
- Groll, Herbert P. A., Oakland, and G. Hearne, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of unsaturated esters and products thereof. 2,042,221; May 26.
- Groll, Herbert P. A., and J. Burgin, Oakland, assignors to Shell Development Company, San Francisco, Calif. Treatment of unsaturated halides. 2,042,222; May 26.
- Groll, Herbert P. A., and J. Burgin, Oakland, assignors to Shell Development Company, San Francisco, Calif. Rearrangement of unsaturated halides. 2,042,223; May 26.
- Groll, Herbert P. A., Oakland, and G. Hearne, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Converting a polyhydric alcohol to a carbonyl compound. 2,042,224; May 26.
- Groll, Herbert P. A., Oakland, and C. T. Kautter, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Conversion of halogenated alcohols to carbonylic compounds. 2,042,225; May 26.
- Groll, Herbert P. A., Oakland, and G. Hearne, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Treatment of unsaturated oxycompounds. 2,046,556; July 7.
- Groll, Herbert P. A., and J. Burgin, Oakland, assignors to Shell Development Company, San Francisco, Calif. Hydrogenation of unsaturated alcohols. 2,055,437; Sept. 22.
- Groll, Herbert P. A., Oakland, and G. Hearne, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Conversion of polyhalogenated alcohols. 2,061,377; Nov. 17.
- Groll, Herbert P. A., Oakland, and G. Hearne, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Treatment of unsaturated polyhalides. 2,062,002; Nov. 24.
- Gro-Lux, Incorporated. (See Brewer, Vivian W., assignor.)
- Grom, Franz. (See Persiel, H., Balle, Grom, and Semmig.)
- Groman, Frederick C., Dodge City, Kans. Handy top for containers. 2,061,462; Nov. 17.
- Grommesch, Katherine H. (See Brown, Newman T., assignor.)
- Gronauer, Max H., Memphis, Tenn. Collar holder. 2,045,462; June 23.
- Gronbeck, Axel C., New York, N. Y. Apparatus for low temperature distillation. 2,033,138; Mar. 10.
- Grondahl, Alfred G., Chicago, Ill. Power generator. 2,037,973; Apr. 21.
- Grondahl, Bjarne. (See Bottker, V., and Grondahl.)
- Groombridge, Walter H. (See Oxley, H. F., and Groombridge.)
- Groombridge, Walter H., and E. V. Mellers, Spondon, near Derry, England, assignors to Celanese Corporation of America. Manufacture of cellulose from lignocellulosic materials. 2,060,068; Nov. 10.
- Groove, Egbert, Neuss-on-the-Rhine, Germany. Constructional element for building. 2,063,159; Dec. 8.
- Grosch, Lyndall. (See Smith, F. D., and Grosch.)
- Grose, Henry B., Augusta, Ga. Changeable sign. 2,056,574; Oct. 6.
- Gross, Alexander, Berlin, Germany. Screw-cap or cover with brush. 2,026,890; Jan. 7.
- Gross, Angus R., Baltimore, Md. Marine toilet. 2,047,866; July 14.
- Gross, Ernst. (See Ruppe, Hugo, assignor.)
- Gross, Fritz, Dusseldorf, Germany. Apparatus for making conical tubular bodies. 2,054,370; Sept. 15.
- Gross, Howard H. (See Manley, R. E., and Gross.)
- Gross, Howard H. (See Manley, R. E., McCarty, and Gross.)
- Gross, Howard H., and W. V. Overbaugh, Beacon, assignors to The Texas Company, New York, N. Y. Dewaxing hydrocarbon oil. 2,047,412; July 14.
- Gross, Karl, Feuerbach, near Stuttgart, Germany. Printing ink. 2,038,839; Apr. 28.
- Gross, Leo H., Bartleso, Ill. Door actuating apparatus. 2,037,780; Apr. 21.
- Gross, Louis, New York, N. Y. Blood transfusion machine. 2,061,399; Nov. 17.
- Gross Photo Supply Company. (See Kellermeier, Fred J., assignor.)
- Gross, Walter, Milwaukee, Wis. Combination air spring and shock absorber. 2,057,893; Oct. 20.
- Gross, William H. (See Gann, J. A., and Gross.)
- Grosse, Aristid V. (See Ipatieff, V., and Grosse.)
- Grosse, Aristid V., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,029,100; Jan. 28.
- Grosse, Aristid V., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,037,781; Apr. 21.
- Grosse, Arno. (See Klein, G., and Grosse.)
- Grosse, William M., assignor of one-half to Mock, Judson, Voehringer Co. Inc., and one-half to F. O. Pfingst, Greensboro, N. C. Locking device for yarn carrier bars. 2,036,804; Apr. 7.
- Grossenbacher, Ernest, Fajardo, Puerto Rico. Tramp iron collector. 2,030,982; Feb. 18.
- Grossenbacher, Ernest, Fajardo, P. R. Magnetic separator. 2,052,876; Sept. 1.
- Grosser, Alois A. (See Eagle, A. A., and Grosser.)
- Grosser, Walter C. (See Draper, C. H., and Grosser.)
- Grosser, Walter C. (See Lees, H. W., and Grosser.)
- Grosshans, Arthur W., and H. H. Evans, Stockham, Nebr. Fastener. 2,032,280; Feb. 25.
- Grossman, Elias E., Chicago, Ill. Pencil sharpener. 2,028,660; Jan. 21.
- Grossman, Frank, New York, assignor to Grossman Shoes Inc., Brooklyn, N. Y. Shoe counter stiffener. 2,048,186; July 21.
- Grossman, Louis, New York, N. Y., assignor to Optical Products Corporation. Ophthalmic mounting. 2,065,935; Dec. 29.
- Grossman Shoes Inc. (See Grossman, Frank, assignor.)
- Grosso, Patrick P., Brooklyn, N. Y. Universal self-retaining retractor. 2,053,868; Sept. 8.
- Grosvenor, Graham B., Chicago, Ill., assignor to Otis Elevator Company, Jersey City, N. J. Electric switch. 2,036,628; Apr. 7.
- Grosvenor, Graham B., Chicago, Ill., assignor to Otis Elevator Company, Jersey City, N. J. Electric elevator system. 2,036,629; Apr. 7.
- Grote, Hans W., Charleston, W. Va., assignor to United Carbon Company, Inc., Baltimore, Md. Forming agglomerated carbon black. 2,040,770; May 12.
- Grote, Walther H., Charleston, W. Va., assignor to United Carbon Company, Inc. Improving carbon black. 2,066,274; Dec. 29.
- Grotten, Frank J., Pittsfield, Mass., assignor to General Electric Company. Electrical insulation material. 2,049,370; July 28.
- Groth, Alfred, assignor to Badger Carton Company, Milwaukee, Wis. Animated display device. 2,050,568; Aug. 11.
- Groth, Rudolf, et al. (See Behrens, Heinrich, assignor.)
- Grothe, Ernest F. H., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Storage battery and gravity indicating means. 2,061,573; Nov. 24.
- Grothey, Ivan W., Laconia, N. H., assignor to Scott & Williams, Incorporated, New York, N. Y. Dial for knitting machines. 2,027,276; Jan. 7.
- Grothey, Ivan W., Laconia, N. H., assignor to Scott & Williams, Incorporated, New York, N. Y. Knitting machine. 2,050,946; Aug. 11.
- Grothey, Ivan W., Laconia, N. H., assignor to Scott & Williams, Incorporated, New York, N. Y. Yarn finger for knitting machines. 2,051,701; Aug. 18.
- Grothey, Ivan W., Laconia, N. H., assignor to Scott & Williams, Incorporated, New York, N. Y. Circular knitting machine. 2,053,192; Sept. 1.
- Grothouse, Frank T. (See Warneke, R. C., and Grothouse.)
- Grothouse, Frank T., Fort Wayne, Ind., assignor to General Electric Company. Evaporator for refrigerating machines. 2,046,943; July 7.
- Grothouse, Frank T., Fort Wayne, Ind., assignor to General Electric Company. Evaporator for refrigerating machines. 2,064,659; Dec. 15.
- Grotowsky, Hans, Krefeld-Uerdingen, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Triphenylmethane dyestuffs. 2,064,258; Dec. 15.
- Grottum, B. E. (See Hurst, James L., assignor.)



- Groupe, Andrew V., executors et al. (See Brenizer, Orson W., assignor.)
- Grout, Martin B., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Socket. 2,056,268; Oct. 6.
- Grove, Claire W., Cleveland, Ohio. Wall step. 2,064,803; Dec. 15.
- Grove, Jacob R., York, Pa. Dispensing receptacle. 2,048,859; July 28.
- Grove, Marvin H., Vallejo, Calif. Gas reducing valve and method. 2,032,613; Mar. 3.
- Grove, Marvin H., Salem, Va. Flow regulating valve. 2,042,781; June 2.
- Grove, Marvin H., Berkeley, Calif. Pressure regulator. 2,047,101; July 7.
- Groven, Fredrick J., Highland Park, assignor to Ford Motor Company, Dearborn, Mich. Paint baking apparatus. 2,057,776; Oct. 20.
- Groven, Fredrick J., Highland Park, assignor to Ford Motor Company, Dearborn, Mich. Method of and apparatus for adjusting ignition distributors. 2,065,067; Dec. 22.
- Grover, Frederick, assignor to The Forgrove Machinery Company Limited, Leeds, England. Machine for wrapping sweets and the like. 2,046,262; June 30.
- Grover, Leonard, Toronto, Ontario, Canada. Sole and heel structure. 2,065,856; Dec. 29.
- Grover, Lyndon V., Los Angeles, Calif., assignor to S. A. Fulton, Milwaukee, Wis. Signaling horn. 2,033,426; Mar. 10.
- Groves, Earl C., Jetmore, Kans. Extension table. 2,039,482; May 5.
- Groves, Frederick H., Dormont, Pa. Destructible container. 2,052,402; Aug. 25.
- Growdon, James P., assignor to Aluminum Company of America, Pittsburgh, Pa. Floor construction for bridges and the like. 2,050,313; Aug. 11.
- Grower, Richard M., Arlington, assignor to S. J. Tomasello, Boston, Mass. Bituminous paving composition and making the same. 2,040,481; May 12.
- Grower, William F., trustee, et al. (See Pratt, Harry P., assignor.)
- Grozier, Thomas H., Sydney, New South Wales, Australia. Web controller. 2,041,602; May 19.
- Grubb, David L., Bellevue, Pa. System for selective radio reception. 2,051,845; Aug. 25.
- Grubbs, Hayward I., El Monte, Calif. Fuel pump. 2,041,468; May 19.
- Grube, Donald E. (See Lauck, A. G., and Grube.)
- Gruber, Earl B., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Motion-transmitting mechanism. 2,030,511; Feb. 11.
- Gruber, Herbert, and W. Rohn, assignors to Heraeus-Vacuumschmelze, A. G., Hanau-on-the-Main, Germany. Manufacturing low carbon iron and steel alloys. 2,040,604; May 12.
- Gruber, Herbert, and W. Rohn, assignors to Heraeus-Vacuumschmelze A. G., Hanau-on-the-Main, Germany. Apparatus for producing carbon-free metals, alloys, and the like. 2,041,333; May 19.
- Gruber, Wolfgang, Burghausen, assignor to Dr. Alexander Wacker Gesellschaft fur Electrochemische Industrie G. m. b. H., Munich, Germany. Manufacture of wooly threads. 2,026,736; Jan. 7.
- Grubman, Leo J. (See Konoff, A., and Grubman.)
- Grubman, Leo J., Belle Harbor, assignor to Margon Corporation, New York, N. Y. Molding of dolls' heads and the like. 2,027,164; Jan. 7.
- Grubman, Leo J., Belle Harbor, assignor to Margon Corporation, New York, N. Y. Molding of dolls' heads and the like. 2,027,165; Jan. 7.
- Grubman, Leo J., Belle Harbor, assignor to Margon Corporation, New York, N. Y. Soft rubber doll head and movable eye mechanism therefor. 2,050,884; Aug. 11.
- Gruell, Herbert Q., Erlanger, Ky. Electrode holder. 2,064,908; Dec. 22.
- Gruen, Eugene. (See Manoilovich, N., Gruen, and Berill.)
- Gruenberg, Benjamin C., New York, N. Y. Electrical cooking apparatus. 2,033,468; Mar. 10.
- Gruetzmacher, Johannes, Berlin, Germany, assignor to Radio Corporation of America. Crystal relay. 2,033,631; Mar. 10.
- Grullemans, John J., Painesville, assignor to The Wayside Gardens Company, Mentor, Ohio. Bed material for flower bulbs. 2,031,308; Feb. 18.
- Grumbacher, Walter, New York, N. Y. Spirally-bound sheaf. 2,051,477; Aug. 18.
- Grummer, Heinrich, Rheinhausen-Hochemmerich, Germany. Filler. 2,060,304; Nov. 10.
- Grundstein, Herman L., Bronx, N. Y. Skill radio and recording manipulator. 2,045,947; June 30.
- Grundy, William H., Company. (See Petersen, George E., assignor.)
- Gruner, Anton, Berlin-Spandau, Germany. Shuffling device for playing cards. 2,056,397; Oct. 6.
- Gruner, Hans. (See Williams, C. F., and Gruner.)
- Grunewald, Max E., Allentown, Pa. Weighing feeder. 2,050,314; Aug. 11.
- Grunig, Bernhard C. (See Tratsch, W. A., and Grunig.)
- Grunkemeyer, Frank P., Morris, Ind. Garment holder. 2,055,744; Sept. 29.
- Grunwald, Albert C. (See Birr, R. G., and Grunwald.)
- Grunwald, Hugo W. (See Webber, Ray R., assignor.)
- Grupe, William F., Lyndhurst, N. J. Producing boxes or carton blanks bearing printed matter and resulting product. 2,048,693; July 28.
- Gruse, William A. (See Hjerpe, E. B., and Gruse.)
- Gruse, William A. (See Stevens, D. R., and Gruse.)
- Gruskin, Benjamin, Philadelphia, Pa., assignor to Lake-Land Foundation, Chicago, Ill. Pregnancy antigen. 2,042,430; May 26.
- Gruter, Paul R., Berlin-Charlottenburg, Germany. Converting alkali salts of phenylalkyl barbituric acids into stable calcium compounds. 2,036,935; Apr. 7.
- Gruver, Frank S., and E. Aschenbach, Sellersville, Pa., assignor to United States Gauge Company, New York, N. Y. Diaphragm type gauge. 2,056,351; Oct. 6.
- Gstyr, Joseph, assignor to Gleason Works, Rochester, N. Y. Method and machine for lapping cutter blades. 2,057,302; Oct. 13.
- Gstyr, Joseph, assignor to Gleason Works, Rochester, N. Y. Grinding cutter blades. 2,057,303; Oct. 13.
- Gualtiere, Julius, assignor to Edwin B. Stimpson Company, Brooklyn, N. Y. Setter for snap fasteners. 2,061,193; Nov. 17.
- Guaranteed Parts, Inc. (See Dodge, Sherwood O., assignor.)
- Guaranteed Parts, Inc. (See Turner, Henry A., assignor.)
- Guarcello, Louis, Silver Creek, N. Y. Water heater. 2,036,136; Mar. 31.
- Guardian Gauge Company. (See Kottemann, Otto A., assignor.)
- Guardian Safety Seal Company. (See Fabrice, Edward H., assignor.)
- Guardite Corporation, The. (See Baer, John M., assignor.)
- Guarnaschelli, Stephen, Brooklyn, assignor to Packless Metal Products Corporation, New York, N. Y. Flexible tubing. 2,028,600; Jan. 21.
- Guarnaschelli, Stephen, Brooklyn, assignor to Packless Metal Products Corporation, New York, N. Y. Making spirally corrugated tubing. 2,037,378; Apr. 14.
- Guarnaschelli, Stephen, Brooklyn, assignor to Packless Metal Products Corporation, New York, N. Y. Flexible tubing. 2,041,543; May 19.
- Guba, Raymond J., Philadelphia, Pa., assignor to Audubon Wire Cloth Corporation. Woven wire fabric and making the same. 2,054,813; Sept. 22.
- Gubelman, George. (See Bond, J. D., and Marbry, assignors.)
- Gubitz, Werner H. A., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,033,520; Mar. 10.
- Gubler, Emil, Zurich, Switzerland. Washing machine. 2,050,431; Aug. 11.
- Gudemann, Leo, New York, N. Y. Portable electric lamp. 2,065,068; Dec. 22.
- Gudmundsen, Austin, Wauwatosa, assignor of one-half to Rudolph L. Hasche, Milwaukee, Wis. Drinking water dispenser. 2,031,599; Feb. 25.
- Gudmundsen, Austin, Milwaukee, Wis. Water cooling and treating apparatus. 2,038,171; Apr. 21.
- Guedon, Emile C., Audubon, A. D. Burt, Narberth, Pa., and F. Shoup, Oaklyn, N. J., assignors to Radio Corporation of America. Electrical vibrator unit. 2,063,311; Dec. 8.
- Gueffroy, Frederick E., San Francisco, Calif. Electric socket plug. 2,051,702; Aug. 18.
- Guenther, Edgar G., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Floating ring spinning. 2,051,209; Aug. 18.
- Guenther, Fritz, and H. Holsten, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sulphonic acids of higher aliphatic ketones. 2,037,974; Apr. 21.
- Guenther, Fritz, J. Conrad, and K. Saftien, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Carboxylates of aliphatic alcohols with non-aromatic sulphonic carboxylic acids. 2,043,476; June 9.
- Guenther, Henry L., Los Angeles, Calif. Double seaming machine. 2,052,620; Sept. 1.
- Guenther, Henry L., Los Angeles, Calif. Noncircular can double seaming machine. 2,062,024; Nov. 24.
- Guenther, Rudolph R., Bethlehem, Pa. Paper bottle. 2,059,101; Oct. 27.
- Guerin, Henry E., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Method and apparatus for cutting sheet metal. 2,055,077; Sept. 22.
- Guerra, Albert A., Sheen Park, Richmond, England. Reel structure for a desk. 2,053,824; Sept. 8.
- Guerra, Ugo, Rome, Italy. Earth inductor compass. 2,038,787; Apr. 28.
- Guerrero, Ambrosio, Ballantine, Mont. Vegetable top cutter. 2,049,837; Aug. 4.
- Guerriero, Anthony, Brooklyn, N. Y. Piston ring and spring. 2,044,845; June 23.
- Guertler, William, Berlin, assignor to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Aluminum alloy. 2,056,604; Oct. 6.
- Guest, Arthur L., Wrexham, England, assignor to General Electric Company. Arc welding apparatus. 2,046,117; June 30.
- Guest, Herbert R., Habana, Cuba. Radio tuning apparatus. 2,033,825; Mar. 10.
- Guest, James J., Abbey Wood, England. Compensating mechanism for balancing machines. 2,040,738; May 12.



- Guest, William W., I. F. Parker, trustee of said Guest, bankrupt, assignor to P. Schilz, Los Angeles, Calif. Crushing machine. 2,052,706; Sept. 1.
- Guettler, Herbert W., Glencoe, and C. J. Christiansen, Evanston, assignors to Fibre Making Processes, Inc., Chicago, Ill. Strainer for pulp digesters. 2,062,127; Nov. 24.
- Guffey, John O., Arkansas City, Kans. Air conditioning apparatus. 2,026,974; Jan. 7.
- Guggenheim Brothers. (See Gleason, G. H., and Loonam, assignor.)
- Guggenheim, Max M., assignor to Baker Perkins Company, Inc., Saginaw, Mich. Sirup discharge nozzle for filling vacuum cookers. 2,056,516; Oct. 6.
- Gugler, Eric, New York, N. Y. Building construction. 2,037,895; Apr. 21.
- Gugliotta, Martin, Dillinger, Pa. Braking apparatus. 2,030,292; Feb. 11.
- Guhl, Hermann, Baden, Germany. Producing bunsen burners. 2,044,528; June 16.
- Guhl, Hermann, Baden, Germany. Regulating nozzle for gas burners and the like. 2,048,260; July 21.
- Guhl, Hermann, F. W. O. Dori, and K. Gargel, Karlsruhe-in-Baden, assignors to Junker & Ruh, A.-G., Baden, Germany. Liquid fuel burner. 2,059,638; Nov. 3.
- Guiberson Corporation, The. (See Crickmer, Charles S., assignor.)
- Guiberson Corporation, The. (See Thaheld, Feri A., assignor.)
- Guibert, Francis W., Beverly Hills, Calif. Concrete construction. 2,030,518; Feb. 11.
- Guibert, Francis W., Beverly Hills, Calif. Liquid measuring device. 2,057,333; Oct. 13.
- Guice, Richard R. (See Ratliff, A. T., and Guice.)
- Guichard, Louis, Paris, France. Elevator for liquids for feeding fuel to automobile engines. 2,062,709; Dec. 1.
- Guidry, Joseph A., Houston, Tex. Key ring. 2,049,610; Aug. 4.
- Guier, William C., assignor to The All Steel Products Manufacturing Company, Wichita, Kans. Tractor mounted winch with drive transmission. 2,028,700; Jan. 21.
- Guier, William C., and G. G. Brown, assignors to The All Steel Products Manufacturing Company, Wichita, Kans. Oil field skid winch. 2,028,701; Jan. 21.
- Guilbaud, Lucien R. (See Chereau, L. N., Deloraine, Guilbaud, Smets, and Van Mierlo.)
- Guild, Herbert C., Mamaroneck, N. Y. Condenser. 2,029,422; Feb. 4.
- Guildford, Joseph R., Regina, Saskatchewan, Canada. Multiple joint extension union. 2,030,917; Feb. 18.
- Guildford, Joseph R., Regina-Saskatchewan, Canada. Fluid feeder for domestic water lines. 2,033,427; Mar. 10.
- Guilfoil, Oscar D., assignor to Will & Baumer Candle Company, Inc., Syracuse, N. Y. Sanctuary lamp. 2,056,605; Oct. 6.
- Guillemin-Tarayre, Jean, Paris, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,058,012; Oct. 20.
- Guinivan, Francis A., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Last. 2,045,541; June 23.
- Guinot, Henri M., assignor to Usines de Melle, Melle, Deux-Sevres, France. Manufacture of esters of aliphatic acids. 2,053,029; Sept. 1.
- Guinot, Henri M., Niort, Deux-Sevres, France, assignor to Usines de Melle, Melle, France. Manufacture of aliphatic primary amines. 2,053,193; Sept. 1.
- Guinzburg, Roland H., Flushing, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Rubber products. 2,039,529; May 5.
- Guion, James L. (See Somers, R. H., Guion, and Karnes.)
- Guiot, Auguste, Neuilly-sur-Seine, France. Closing device for receptacles. 2,038,489; Apr. 21.
- Guiou, Norman M., Ottawa, Ontario, Canada. Blood transfusion apparatus. 2,032,614; Mar. 3.
- Guirl, Paul R. (See Barnes, J. S., and Guirl.)
- Gulbrandsen, Sverre, Woodberry, N. J., assignor, by mesne assignments, to New Process Rayon, Inc. Recovering copper from wash solutions. 2,061,194; Nov. 17.
- Gulbrandsen, Lars, Mason City, Iowa. Window construction. 2,044,387; June 16.
- Gulf Oil Corporation. (See Atherholt, Gordon M., assignor.)
- Gulf Oil Corporation. (See Ayres, Eugene, assignor.)
- Gulf Oil Corporation. (See Hjerpe, E. B., and Gruse, assignors.)
- Gulf Oil Corporation. (See McAfee, A. M., and Crockett, assignors.)
- Gulf Oil Corporation. (See Smith, Herschel G., assignor.)
- Gulf Oil Corporation. (See Stevens, D. R., and Gruse, assignors.)
- Gulf Oil Corporation. (See Stevens, D. R., and Payne, assignors.)
- Gulf Oil Corporation of Pennsylvania. (See Ostergaard, Povl, assignor.)
- Gulf Oil Corporation of Pennsylvania. (See Smith, Herschel G., assignor.)
- Gulf Oil Corporation of Pennsylvania. (See Stevens, D. R., and Gruse, assignors.)
- Gulf Refining Company. (See Ayres, E., and Hill, assignors.)
- Gulf Research & Development Company. (See Ambrose, Henry A., assignor.)
- Gulf Research & Development Company. (See Chenault, Roy L., assignor.)
- Gulf Research & Development Company. (See Hassler, Gerald L., assignor.)
- Gulf Research & Development Company. (See Hjerpe, E. B., and Gruse, assignors.)
- Gulf Research & Development Company. (See Kemler, Emory N., assignor.)
- Gulf Research & Development Company. (See Lane, Abbott A., assignor.)
- Gulf Research & Development Company. (See Lane, A. A., and Jacobson, assignors.)
- Gulf Research & Development Company. (See Pigott, Reginald J. S., assignor.)
- Gulf Research & Development Corporation. (See Ambrose, Henry A., assignor.)
- Gulf Research & Development Corporation. (See Ambrose, H. A., and Teplitz, assignors.)
- Gulf Research & Development Corporation. (See Ayres, Eugene E., assignor.)
- Gulf Research & Development Corporation. (See Loomis, Albert G., assignor.)
- Gulf Research & Development Corporation. (See Loomis, A. G., Teplitz, and Ambrose, assignors.)
- Gulf Research & Development Corporation. (See Pigott, R. J. S., and Lane, assignors.)
- Gulf Coast Machine & Supply Company. (See Skyiepal, Edward A., assignor.)
- Gulf States Steel Company. (See Delany, Albanus G., assignor.)
- Gulf States Steel Company. (See McCoy, Harry E., assignor.)
- Gulick, Samuel, Grand Coulee, Wash. Depth gauge. 2,040,552; May 12.
- Gulizia, Pietro, Chicago, Ill. Pen. 2,046,161; June 30.
- Gullett Gin Company. (See Wallace, Jeffrey J., assignor.)
- Gullette, Willis S., Highland, and T. B. Kimball, Hammond, Ind., assignors to The Texas Company, New York, N. Y. Furnace. 2,055,452; Sept. 22.
- Gulliksen, Finn H. (See Dawson, J. W., and Gulliksen.)
- Gulliksen, Finn H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic relay. 2,030,107; Feb. 11.
- Gulliksen, Finn H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 2,044,164; June 16.
- Gulliksen, Finn H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Photoelectric paper cutting control. 2,050,315; Aug. 11.
- Gulliksen, Finn H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cutter register control. 2,050,316; Aug. 11.
- Gulliksen, Finn H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,057,520; Oct. 13.
- Gulliver, Archibald D., Fitchburg, Mass. Efficiency indicating mechanism for brakes. 2,063,244; Dec. 8.
- Gummi-Tank A.-G., Rubber-Tank Ltd. (See Weber, O., and Oppermann, assignors.)
- Gummi-Tank A.-G., Rubber Tank Ltd. (See Zimmermann, Ernst, assignor.)
- Gummy, Frank B. (See Bongiovanni, A., and Sgro, assignors.)
- Gump, B. F., Company. (See Berry, Eugene G., assignor.)
- Gump, B. F., Co. (See Hazle, Albert J., Jr., assignor.)
- Gump, B. F., Co. (See Hazle, A. J., Jr., and Rose, assignors.)
- Gumpert, S. Co. (See West, Fred, assignor.)
- Gumprich, William, Brooklyn, N. Y., and W. N. Gilbert, Hudson Heights, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Dormant scale. 2,036,042; Mar. 31.
- Gund, Felix. (See Bergdolt, A., Ossenbeck, Tietze, and Gund.)
- Gundelfinger, William E., assignor to Knapp-Monarch Company, St. Louis, Mo. Handle structure for corn poppers and the like. 2,044,388; June 16.
- Gunderman, Lester S., Pittsburgh, Pa. Pipe thread protector. 2,028,325; Jan. 21.
- Gunderman, Lester S., Pittsburgh, Pa. Protector for threaded objects. 2,044,568; June 16.
- Gunderman, Lester S., Pittsburgh, Pa. Device for protecting threads on pipe ends. 2,061,151; Nov. 17.
- Gunderman, Lester S., Pittsburgh, Pa., assignor to Wagner Electric Corporation, St. Louis, Mo. Brake release control mechanism for vehicles. 2,027,424; Jan. 14.
- Gunderson, Gunner E., assignor to Foote Gear Works, Inc., Chicago, Ill. Driving mechanism. 2,038,731; Apr. 28.
- Gunderson, Lewis O., assignor to Electro-Chemical Engineering Corporation, Chicago, Ill. Water level indicator for steam boilers. 2,031,644; Feb. 25.
- Gunderson, Lewis O., assignor to Electro-Chemical Engineering Corporation, Chicago, Ill. Preventing moisture entrainment in steam boilers. 2,040,127; May 12.
- Gundlach, Alwin, St. Louis, Mo. Burial vault. 2,063,806; Dec. 8.
- Gundlach, Henry R., Baltimore, Md., assignor to Central Commercial Company. Colored granules and preparing them. 2,054,317; Sept. 15.
- Gundlach, Henry R., Baltimore, Md., assignor to Central Commercial Company. Colored roofing granule. 2,057,677; Oct. 20.



- Gundlach, Henry R., Baltimore, Md., assignor to Central Commercial Company. Roofing granule and coloring same. 2,057,678; Oct. 20.
- Gundlach, Henry R., Baltimore, Md., assignor to Central Commercial Company. Colored roofing granule and manufacturing the same. 2,057,679; Oct. 20.
- Gunn, Earl G., assignor to Walker Manufacturing Co., Racine, Wis. Vacuum muffler. 2,047,775; July 14.
- Gunn, Gilbert, Pollokshaws, Scotland, assignor to Celcure Corporation of America, Worcester, Mass. Wood treating preparation. 2,041,655; May 19.
- Gunn, Ross, Washington, D. C. Radiation detector. 2,028,153; Jan. 21.
- Gunn, Ross, Washington, D. C. Compass. 2,054,318; Sept. 15.
- Gunning, Percy F. (See Burns, G. A., and Gunning.)
- Gunnison, Foster, New York, N. Y. Defecator weighing device. 2,057,024; Oct. 13.
- Gunther, Clara H., Chicago, Ill. Washboard. 2,037,975; Apr. 21.
- Günther, Fritz, and J. Hetzer, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of sulphonic acids. 2,037,229; Apr. 14.
- Gunthorp, Cecil H. (See Beck, Bjorn O. and H. L., and Gunthorp.)
- Gunthorp, Cecil H., Des Plaines, assignor to Economy Fuse and Manufacturing Co., Chicago, Ill. Electrical device. 2,049,585; Aug. 4.
- Gunthorp, Cecil H., Des Plaines, assignor to Economy Fuse and Manufacturing Co., Chicago, Ill. Electrical device. 2,057,718; Oct. 20.
- Gura, Carl M., Cleveland, assignor of one-half to E. J. Elliott, Mentor, Ohio. Fuse clamp. 2,055,438; Sept. 22.
- Gurd, George W. (See Stratford, R. K., and Gurd.)
- Gurney, Albert J., assignor to The American Mine Door Company, Canton, Ohio. Tendered steak and tendering the same. 2,046,118; June 30.
- Gurney, Albert J., assignor to The American Mine Door Company, Canton, Ohio. Rock duster. 2,053,825; Sept. 8.
- Gurney, Daniel. (See Klay, W. S., and Gurney.)
- Gurney, Daniel, H. E. Balsiger and C. L. Ott, assignors to Landis Tool Company, Waynesboro, Pa. Ball race grinder. 2,064,427; Dec. 15.
- Gurney, Dayton A., Caro, Mich., and T. A. Conlon, Silver Spring, Md. Cart. 2,028,154; Jan. 21.
- Gurney, Edmund, Long Beach, Calif. Drawers. 2,053,256; Sept. 8.
- Gurrieri, Louis and S., Canarsie, N. Y. Knurling machine. 2,053,523; Sept. 8.
- Gurrieri, Salvatore. (See Gurrieri, Louis and S.)
- Gürtler, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Wave generation system. 2,063,307; Dec. 8.
- Gurwick, Irving, Brooklyn, N. Y., assignor to Shellmar Products Company, Chicago, Ill. Printing. 2,052,621; Sept. 1.
- Gussack, Nathan A., Flushing, N. Y. Slide drawer construction. 2,032,054; Feb. 25.
- Gust, Frederick A., Chicago, Ill. Receptacle handle. 2,044,682; June 16.
- Gustafson, Axel E., et al. (See Bergquist, Arthur E., assignor.)
- Gustafson, Carl A., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 2,032,088; Feb. 25.
- Gustafson, Carl A., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 2,037,720; Apr. 21.
- Gustafson, Carl A., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 2,064,829; Dec. 22.
- Gustafson, Carl A., Minneapolis, Minn., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 2,034,141; Mar. 17.
- Gustafson, Carl E., and H. R. Holbrook, Attleboro, assignors to The Mason Box Company, Attleboro Falls, Mass. Box fastener. 2,028,661; Jan. 21.
- Gustafson, Edwin A., assignor to Johnson Laboratories, Inc., Chicago, Ill. Radio receiving apparatus. 2,038,281; Apr. 21.
- Gustafson, George G., Stamford, Conn. Machine for gluing. 2,035,650; Mar. 31.
- Gustafson, Henry, Astoria, Oreg. Cable cutter. 2,044,683; June 16.
- Gustafson, Henry A., Dorchester, assignor to Gillette Safety Razor Company, Boston, Mass. Packaging blades. 2,058,147; Oct. 20.
- Gustafsson, Eric. (See Bramsen, S., Wahlin, and Gustafsson.)
- Gustafsson, Eric, assignor to Binks Manufacturing Company, Chicago, Ill. Air nozzle for flat spraying appliances. 2,029,423; Feb. 4.
- Gustafsson, Eric, assignor to Binks Manufacturing Company, Chicago, Ill. Air nozzle for flat-spraying appliances. 2,049,700; Aug. 4.
- Gustafsson, Eric, assignor to Binks Manufacturing Company, Chicago, Ill. Air nozzle for spray appliances. 2,051,210; Aug. 18.
- Gustafsson, Ernst V., Stockholm, and G. H. Hellgren, Karlberg, Vallentuna, Sweden. Selector for calculating machines. 2,048,261; July 21.
- Gustafsson, Ernst V., St. Essengen, and G. H. Hellgren, Malmö, Sweden. Selector for calculating machines. 2,048,262; July 21.
- Gustafsson, Evelyn, New York, N. Y. Amusement apparatus. 2,063,600; Dec. 8.
- Gustafsson, Nils G. A., assignor to Svenska Ackumulator Aktiebolaget Jungner, Stockholm, Sweden. Carburetor for internal combustion motors. 2,039,990; May 5.
- Gustafsson, Nils G. A., assignor to Svenska Ackumulator Aktiebolaget Jungner, Stockholm, Sweden. Method and means to run carburetor internal combustion engines. 2,059,334; Nov. 3.
- Gustin, Daniel S., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Glow discharge device. 2,040,173; May 12.
- Gustin, Daniel S., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Clean up agent for vacuum devices. 2,042,935; June 2.
- Gustin, Lester C., Winchester, and R. F. Hoffin, North Randolph, assignors to H. G. Storke, Arlington, Mass., trustee. Molding mechanism. 2,057,377; Oct. 13.
- Gut, Frederick, Totowa, assignor to Van Vlaanderen Machine Company, Paterson, N. J. Apparatus and method for treating fabrics with liquids. 2,036,693; Apr. 7.
- Gutenstein, Paul, Beechurst, Long Island, N. Y. Vanity case and the like. 2,060,466; Nov. 10.
- Guth, Edwin F., Webster Groves, Mo. Fan motor support. 2,046,511; July 7.
- Guthappel, Minerva L. (See Kang, Young S., assignor.)
- Guthrie, Andrew J., St. Albans, W. Va. Cabinet. 2,055,288; Sept. 22.
- Guthrie, Bernard M., assignor to Fairbanks, Morse & Co., Chicago, Ill. Fan or blower. 2,056,517; Oct. 6.
- Guthrie, Charles C., Pittsburgh, Pa. Decelerator. 2,061,656; Nov. 24.
- Guthrie, Harry A., U. S. Navy. Self-watering battery. 2,051,039; Aug. 18.
- Guthrie, James, Elyria, Ohio. Monorail system. 2,038,732; Apr. 28.
- Guthrie, James M. (See Brent, G. F., and Guthrie.)
- Guthrie, James M., Pittsburgh, assignor of one-third to J. C. Keany, Mount Lebanon, Pa. Bottle. 2,045,388; June 23.
- Guthrie, James M., Pittsburgh, Pa. Basketball basket. 2,061,152; Nov. 17.
- Guthrie, William J., Dumbarton, assignor to William Denny & Brothers Limited, Dumbarton, Scotland. Apparatus for measuring the axial force in a line of shafting. 2,035,702; Mar. 31.
- Gutknecht, Herman, assignor to Henry Birks & Sons Limited, Montreal, Quebec, Canada. Finger ring. 2,055,791; Sept. 29.
- Gutman, Leopold, New York, N. Y. Condiment dispenser. 2,038,041; Apr. 21.
- Gutman, Maurice R., Lynbrook, N. Y. Drain tile connector. 2,029,920; Feb. 4.
- Gutmann, Ferdinand, & Co. (See Cohn, Benno, assignor.)
- Gutmann, Ferdinand & Co. (See Eisen, Jay B., assignor.)
- Gutmann, Ferdinand, & Co. (See Rasmussen, Charles H., assignor.)
- Gutmann, Herbert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Frequency multiplier circuits. 2,063,093; Dec. 8.
- Guttmann, Solomon, Minneapolis, Minn. Grading and sorting machine. 2,044,981; June 23.
- Gutzeit, Grégoire, Geneva, assignor to Edouard d'Orelli, Zurich, Switzerland. Froth flotation device. 2,054,539; Sept. 15.
- Gutzwiller, Adolf, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Making asphalt. 2,055,459; Sept. 22.
- Guy, Harry L., Chicago, Ill. Roofing. 2,037,163; Apr. 14.
- Guy, Jean E., Ville d'Avray, France. Folding vehicle. 2,061,623; Nov. 24.
- Guyer, Jesse A. (See Frey, F. E., Huppke, and Guyer.)
- Guyer, Jesse A., assignor to Phillips Petroleum Company, Bartlesville, Okla. Hydrocarbon treating process. 2,051,335; Aug. 18.
- Guyer, Jesse A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Conversion of hydrocarbon gases. 2,054,599; Sept. 15.
- Guyer, Jesse A., F. E. Frey, and W. F. Huppke, assignors to Phillips Petroleum Company, Bartlesville, Okla. Gas making apparatus. 2,029,317; Feb. 4.
- Guyer, Reynolds. (See Buchanan, F. L., and Guyer.)
- Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Egg flat. 2,055,379; Sept. 22.
- Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Fruit basket. 2,065,804; Dec. 29.
- Guyette, George, et al. (See Brenholm, Nels, assignor.)
- Guyot, Alfred, Salindres, assignor to "Compagnie de Produits Chimiques et Electrometallurgiques Alais, Froges et Camargue," Paris, France. Preparation of dichloroacetic acid. 2,036,137; Mar. 31.
- Guyot, Marius. (See Norton, A. B., and Guyot.)
- Guyot, Marius, Rocky River, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Casting apparatus. 2,058,442; Oct. 27.
- Guyot, Marius, Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Permanent mold. 2,061,765; Nov. 24.
- Guyot, Walter E., Albuquerque, N. Mex. Automobile body ventilating system. 2,049,701; Aug. 4.
- Guyton, Robert H. (See Matteson, J. O., and Guyton.)



- Guziel, Alexander A., and A. Korff, Hollywood, Calif. Distributor. 2,048,860; July 28.
- Guzman, Valentin D., Gapan, P. I. Typewriter ribbon rehabilitating. 2,051,942; Aug. 25.
- Gwaltney, Eugene C., assignor to Bibb Manufacturing Company, Macon, Ga. Die twister. 2,053,609; Sept. 8.
- Gwaltney, Philip A., McColl, S. C., and W. G. Reynolds, Charlotte, N. C. Flyer. 2,046,376; July 7.
- Gwathmey, Mary B., New York, N. Y. Edge binding. 2,042,046; May 26.
- Gwatkin, Victor G., Detroit, Mich. Device for positioning a vehicle in a conveyance. 2,036,212; Apr. 7.
- Gwinn, Joseph M., Jr., Buffalo, N. Y. Aircraft. 2,030,631; Feb. 11.
- Gwyn, Childress B., Jr., assignor, by mesne assignments, to P. R. Mallory & Co., Inc., Indianapolis, Ind. Making silver contacts. 2,049,771; Aug. 4.
- Gwyn, Childress B., Jr., assignor, by mesne assignments, to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver alloy. 2,061,624; Nov. 24.
- Gylleck, Olaf T. (See Lee, J. E., Gylleck, and Barney.)
- Gylleck, Olaf T. (See Lee, James E. and J. W., Gylleck, and Barney.)
- Gynex Corporation. (See Kaufman, G., and Lindner, assignors.)
- Gyr, Joseph, assignor to firm of Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs for dyeing leather. 2,039,898; May 5.
- Gyr, Joseph, and O. Kaiser, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs. 2,041,829; May 26.
- Gyr, Joseph, and O. Kaiser, Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs insoluble in the dyebath towards hard water. 2,046,452; July 7.
- Gyr, Walter. (See Paul, M., and Gyr.)
- Gyro Process Company. (See Petty, E., and Schutt, assignors.)
- Gysi, Alfred, Zurich, Switzerland, assignor to The Dentists' Supply Company of New York, New York, N. Y. Artificial teeth. 2,050,837; Aug. 11.
- H & B American Machine Company. (See Jackson, John F., assignor.)
- H. B. Motor Corporation. (See Harper, William, Jr., assignor.)
- H. & M. American Machine Company. (See Jackson, John F., assignor.)
- H. & R. Products Company. (See Reilly, Thomas A., assignor.)
- Haag, Ivan L., Lakewood, and W. R. Devor, East Cleveland, assignors to The Grasselli Chemical Company, Cleveland, Ohio. Preparation of a soluble phosphate. 2,044,940; June 23.
- Haag, Joseph, Jr., assignor to Todd Combustion Equipment, Inc., New York, N. Y. Heat exchange means. 2,060,936; Nov. 17.
- Haag, Rudolf, Freising near Munich, assignor of one-half to Dr. Ing. h. c. F. Porsche G. m. b. H., Stuttgart, Germany. Injection internal combustion engine. 2,054,562; Sept. 15.
- Haage, Konrad. (See Dornfeld, Reinhold.)
- Haagen, Karl. (See Hagge, W., and Haagen.)
- Haager, Louis J., Richmond, Ind. Weed cutter. 2,059,731; Nov. 3.
- Haan, Gilbert J., Jr., assignor to Keeler Brass Company, Grand Rapids, Mich. Door handle construction. 2,058,685; Oct. 27.
- Haardt, Robert, Vienna, Austria. Globe with measuring instrument. 2,060,777; Nov. 10.
- Haas, Albert A., Macon, Ga. Air valve. 2,053,992; Sept. 8.
- Haas, Clarence C. (See Kriegbaum, G. M., and Haas.)
- Haas, Emil F., Kansas City, Mo. Tamping and stoking attachment for tobacco pipes. 2,041,469; May 19.
- Haas, Eugene F., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,043,408; June 9.
- Haas, Frederick S. (See Einstein, S., Booth, and Haas.)
- Haas, Frederick S. (See Vancil, E. D., and Haas.)
- Haas, Frederick S., and B. A. Kearns, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,033,335; Mar. 10.
- Haas, Frederick S., Cincinnati, and R. L. Goetzel, Norwood, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Hydraulic control mechanism. 2,040,990; May 19.
- Haas, Jacob R., Chicago, Ill. Tie supporter. 2,049,161; July 28.
- Haas, Julius, Kassel-Wilhelmshohe, and G. Adolf, Stockhausen, near Sondershausen, assignors to Wintershall Aktiengesellschaft, Kassel, Germany. Avoiding setting phenomena in commercially prepared salts. 2,030,583; Feb. 11.
- Haas, Louis W., Chicago, Ill., assignor to The W. E. Long Co. Apparatus for protecting sliced bread against mold. 2,039,313; May 5.
- Haas, Lucien L. (See MacKenzie, R. J., and Haas.)
- Haas, Lucien L. (See Starkweather, G. C., and Haas.)
- Haas, Lucien L., assignor to Buffalo Pressed Steel Company, Buffalo, N. Y. Exhaust silencer. 2,036,138; Mar. 31.
- Haas, Martin F., Wilkes-Barre, Pa. Tbread separator for spinning machines. 2,037,414; Apr. 14.
- Haas, Martin F., Wilkes-Barre, Pa. Equipment for spinning machinery. 2,045,079; June 23.
- Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 2,031,479; Feb. 18.
- Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 2,037,721; Apr. 21.
- Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,037,722; Apr. 21.
- Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 2,038,282; Apr. 21.
- Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lock-stitch shoe sewing machine. 2,038,283; Apr. 21.
- Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,045,643; June 30.
- Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,045,644; June 30.
- Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,046,070; June 30.
- Haas, Paul, Maspeth, assignor to United Research Corporation, Long Island City, N. Y. Mounting for light sensitive devices. 2,031,646; Feb. 25.
- Haas, Paul, Maspeth, assignor to United Research Corporation, Long Island City, N. Y. Pad roller assembly. 2,059,342; Nov. 3.
- Haas, Philip J., Chicago, Ill. Holder and wiper. 2,042,255; May 26.
- Haas, William H., St. Paul, Minn. Apparatus for extracting materials. 2,064,660; Dec. 15.
- Haase, Dean R. (See Diener, Harry L., assignor.)
- Haase, Heinrich E., assignor to Industrial Patents Corporation, Chicago, Ill. Forming knockout plugs. 2,060,863; Nov. 17.
- Haase, Karl, and H. Werth, Bleicherode on Hartz, Germany, assignors, by mesne assignments, to the firm: Preussische Bergwerks- und Hütten Aktiengesellschaft, Berlin, Germany. Manufacture of potassium nitrate. 2,035,804; Mar. 31.
- Haase, Louis, Manhasset, N. Y. Bottle refilling detector. 2,032,478; Mar. 3.
- Haase, Richard, assignor to Brunsviga-Maschinenwerke Grimme, Natalis & Co., Aktiengesellschaft, Brunswick, Germany. Calculating machine. 2,042,986; June 2.
- Haase, Wilbert W., assignor to Wilbert W. Haase Co., Forest Park, Ill. Burial vault. 2,040,128; May 12.
- Haase, Wilbert W., Co. (See Haase, Wilbert W., assignor.)
- Habann, Erich, Berlin, Germany. Contact device. 2,027,277; Jan. 7.
- Habel, Rudolph E., Bronx, N. Y. Switch or outlet box mounting. 2,045,594; June 30.
- Haber, David W., Bronx, N. Y. Handle construction for utensils. 2,057,096; Oct. 13.
- Haber, Eugene, Berlin, Germany. Apparatus for removing of solid or liquid particles from gases or vapors. 2,034,467; Mar. 17.
- Haberl, Paul A., Denver, Colo. Demountable wheel. 2,029,866; Feb. 4.
- Haberlin, John F., assignor to Boeing Airplane Company, Seattle, Wash. Retractable landing gear for geared propeller airplanes. 2,030,293; Feb. 11.
- Haberman, Max, Bronx, N. Y. Hair-cutting device. 2,047,413; July 14.
- Haberstro, George F., Jr. (See Warren, G. E., and Haberstro.)
- Haberstro, George F., Jr., Buffalo, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Parking harness. 2,035,231; Mar. 24.
- Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Vehicle body. 2,041,757; May 26.
- Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Beach chair. 2,051,254; Aug. 18.
- Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Applying covering material. 2,056,450; Oct. 6.
- Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Applying covering material. 2,056,451; Oct. 6.
- Habicht, Harvey H., Maplewood, assignor to M. H. Donovan & Company, Newark, N. J. Flashing. 2,056,317; Oct. 6.
- Habirshaw Cable & Wire Corporation. (See Del Mar, William A., assignor.)
- Habirshaw Cable and Wire Corporation. (See Staples, Horace A., assignor.)
- Hach, Clarence A., Long Island, assignor to Western Electric Company, Incorporated, New York, N. Y. Floor. 2,029,713; Feb. 4.
- Hack, George L., Coventry, assignor to Dunlop Rubber Company Limited, Erdington, Birmingham, England. Securing detachable road vehicle wheels. 2,046,779; July 7.
- Hack, Nathan, Detroit, Mich. Shoe. 2,037,230; Apr. 14.
- Hacker, Horace W., La Grange, Ill. Printing plate block. 2,033,704; Mar. 10.
- Hacker, Horace W., La Grange, Ill. Printing plate base. 2,033,705; Mar. 10.



- Hacker Manufacturing Co. (See Trotter, Henry R., assignor.)
- Hacker, Oskar, assignor to the firm Austro-Daimler-Puchwerke A. G., Wiener-Neustadt, Austria. Rail wheel. 2,027,302; Jan. 7.
- Hacker, Oskar, assignor to Austro-Daimler-Puchwerke A. G., Wiener-Neustadt, Austria. Running gear. 2,027,303; Jan. 7.
- Hacker, Oskar, assignor to Austro-Daimler-Puchwerke A. G., Wiener-Neustadt, Austria. Running gear for vehicles. 2,027,304; Jan. 7.
- Hacker, Wilhelm, Los Angeles, Calif. Spinning top. 2,034,293; Mar. 17.
- Hackethal, Paul F., Williamsport, Pa., assignor, by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill. Controllable propeller. 2,046,625; July 7.
- Hackett, Paul P., Southampton, N. Y. Water heater. 2,052,463; Aug. 25.
- Hackett, William H., Coogee, near Sydney, and P. W. Pryke, Lane Cove, near Sydney, New South Wales, Australia. Photolithographic process. 2,044,429; June 16.
- Hackhofer, Ernst, and A. Beuther, Krefeld-Uerdingen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of alkali dichromate. 2,027,477; Jan. 14.
- Hackhofer, Ernst, and A. Beuther, Krefeld-Uerdingen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Separation of carbonic acid from gases containing the same. 2,044,116; June 16.
- Hacking, Frederick W. (See Molins, W. E., Ruau, and Hacking.)
- Hackl, Fred, New Kensington, Pa. Milk can holder and dispenser. 2,040,087; May 12.
- Hacklander, Hans. (See Riviere, A. S., Le Vesconte, and Hacklander.)
- Hacklander, Hans, Tinley Park, Ill., assignor to Union Special Machine Company, Chicago, Ill. Looper mechanism for sewing machines. 2,029,233; Jan. 28.
- Hacklander, Hans, Tinley Park, assignor to Union Special Machine Company, Chicago, Ill. Cup feed machine. 2,043,748; June 9.
- Hacklander, Hans, Tinley Park, assignor to Union Special Machine Company, Chicago, Ill. Feeding mechanism for sewing machines. 2,043,749; June 9.
- Hackman, Arthur J., Detroit, Mich. Remote control operating mechanism. 2,055,347; Sept. 22.
- Hackney, George W., Weslaco, Tex. Multiparallel point stripping pencil. 2,032,983; Mar. 3.
- Hadaway, John B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for rounding and channeling soles. 2,026,628; Jan. 7.
- Hadaway, John B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Treating sole channels. 2,028,831; Jan. 28.
- Hadaway, John B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 2,031,645; Feb. 25.
- Hadaway, John B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating machine. 2,038,561; Apr. 28.
- Hadaway, John B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Separating shoes from lasts. 2,047,960; July 21.
- Hadaway, John B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Last. 2,054,935; Sept. 22.
- Hadaway, John B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 2,058,443; Oct. 27.
- Hadden, Gavin, New York, and C. A. Holden, New Rochelle, N. Y.; said Holden assignor to said Hadden. Inclosure for a number of indoor courts. 2,030,029; Feb. 4.
- Hadden, George L., South Orange, N. J., assignor to Doherty Research Company, New York, N. Y. Coating plaster. 2,065,069; Dec. 22.
- Haddock, John C., Wilkes-Barre, Pa., and Z. D. Granville, Springfield, Mass., Alta M. Granville, administratrix of said Zantford D. Granville, deceased. Aircraft advertising. 2,062,510; Dec. 1.
- Haddock, John C., Wilkes-Barre, Pa., and Z. D. Granville, deceased, Springfield, Mass., A. M. Granville, administratrix. Creating aerial effects. 2,062,511; Dec. 1.
- Haddock, Norman H. (See Chappell, N., Haddock, and Lodge.)
- Haddock, Norman H. (See Ellingworth, S., Haddock, Lodge, and Lumsden.)
- Haddock, Norman H., Blackley, F. Lodge, Manchester, and R. Robinson, Oxford, England, assignors to Imperial Chemical Industries Limited. Dyestuff intermediate. 2,026,629; Jan. 7.
- Haddock, Norman H., and A. Kershaw, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Amino derivatives of o-nitro-phenyl-lactic and thiolactic acids. 2,041,705; May 26.
- Haddock, Norman H., F. Lodge, and C. H. Lumsden, Blackley, Manchester, England, assignors to Imperial Chemical Industries, Limited. Anthraquinone dyestuffs. 2,049,648; Aug. 4.
- Haddock, Norman H., and F. Lodge, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Anthraquinone dyestuffs. 2,063,246; Dec. 8.
- Haddon, Walter. (See Exley, W. H., and Haddon.)
- Haddorff, Carl L., assignor to Consolidated Industries Corporation, Rockford, Ill. Piano. 2,056,352; Oct. 6.
- Haderman, Frank W., Los Angeles, Calif. Striking attachment for clocks. 2,034,945; Mar. 24.
- Hadfield, Frank, Chillicothe, assignor, by mesne assignments, to The Mead Corporation, Dayton, Ohio. Paper manufacture. 2,059,343; Nov. 3.
- Hadjisky, Joseph N., Birmingham, Mich. Process of and apparatus for air conditioning. 2,054,158; Sept. 15.
- Hadjopoulos, Demosthenes B., New York, N. Y. Safety razor and razor blade. 2,043,998; June 16.
- Hadley, Harold F., assignor to J. E. Goerlich, Toledo, Ohio. Deflector and control for vehicle heaters. 2,065,328; Dec. 22.
- Hadley, Homer M., Seattle, Wash. Concrete laying machine. 2,049,115; July 28.
- Hadley, Newton F., Beverly Hills, and E. J. Delahanty, assignors to Chrysler Corporation, Detroit, Mich. Vehicle control. 2,029,165; Jan. 28.
- Hadley, Richard F., Mount Pleasant, Mich. Oil distillation. 2,064,743; Dec. 15.
- Hadsel, Alvah D., Oakland, Calif. Ore reducing machine. 2,064,109; Dec. 15.
- Haeblerle, Christopher J. (See Schmidt, H. E. O., and Haeblerle.)
- Haeckel, Rudolf. (See Martyrer, E., and Haeckel.)
- Haef, Andrew V., Pasadena, Calif. assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Device for and method of controlling high frequency currents. 2,064,469; Dec. 15.
- Haegland, Thomas, Philadelphia, Pa., assignor to Merck & Co. Inc., Rahway, N. J. Neutral salts of medicinal alkaloids and preparing the same. 2,049,442; Aug. 4.
- Haentjens, Otto, Hazleton, Pa. Self-priming centrifugal pump. 2,057,570; Oct. 13.
- Haering, David W., Chicago, Ill. Fluid flow controlling apparatus. 2,058,309; Oct. 20.
- Haeseler, Kurt W., Forest Hills, assignors to Foster D. Snell, Inc., Brooklyn, N. Y. Detection of deterioration of food. 2,063,245; Dec. 8.
- Haeuber, Hans. (See Winkler, F., and Haeuber.)
- Hafecost, Frederick, Brooklyn, N. Y., and C. B. L. Townley, West Orange, N. J., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio tube shield. 2,050,838; Aug. 11.
- Hafecost, Frederick, Brooklyn, and E. F. Staver, Jackson Heights, assignors to Goat Radio Tube Parts, Inc., Brooklyn, N. Y. Radio tube shield. 2,050,885; Aug. 11.
- Hafcke, Philip M., Dobbs Ferry, assignor to Radio Research Laboratories, Inc., New York, N. Y. Wave signaling method and apparatus. 2,041,245; May 19.
- Hafcke, Philip M., Yonkers, assignor to Radio Research Laboratories, Inc., New York, N. Y. Wave signaling method and apparatus. 2,058,686; Oct. 27.
- Haffner, Felix, Tübingen, and F. Sommer, Berlin-Charlottenburg, assignors to the firm: Chemische Fabrik Grunau, Landshoff & Meyer A. G., Berlin-Grunau, Germany. Pharmaceutical preparation for stimulating the respiratory centre and increasing the circulation. 2,057,145; Oct. 13.
- Hafner Manufacturing Company. (See Hafner, William F., assignor.)
- Hafner, Raoul, Vienna, Austria. Helicopter and rotating wing aircraft. 2,047,776; July 14.
- Hafner, William F., Chicago, Ill. Toy railway track switch. 2,060,069; Nov. 10.
- Hafner, William F., assignor to Hafner Manufacturing Company, Chicago, Ill. Cross over track unit for toy railroads. 2,048,378; July 21.
- Hagan, Alvin E. (See Howard, T. W., and Hagan.)
- Hagan, Charles L., Follett, Tex. Brake equalizer. 2,033,428; Mar. 10.
- Hagan, Lawrence C., Swarthmore, Pa. Sidewalk vault. 2,064,538; Dec. 15.
- Hage, Louis, San Jose, Calif. Cane or walking stick. 2,041,334; May 19.
- Hage, Olof A., Gothenburg, Sweden. Anti-pick lock. 2,052,464; Aug. 25.
- Hagedorn, Max, Dessau in Anhalt, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Manufacture of foils. 2,027,688; Jan. 14.
- Hagedorn, Max, Dessau-in-Anhalt, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Manufacture of molded articles. 2,045,080; June 23.
- Hagedorn, Max, Dessau in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Polymerization product. 2,054,903; Sept. 22.
- Hagedorn, Max, Dessau in Anhalt, and P. Möller, Dessau-Ziebigk, Germany, assignors to Agfa Anso Corporation, Binghamton, N. Y. Treatment of films and foils of organic cellulose esters. 2,030,983; Feb. 18.
- Hagedorn, Max, and A. Jung, Dessau-in-Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Envelope for gas cells. 2,036,526; Apr. 7.
- Hagedorn, Max, Dessau in Anhalt, and M. Bockmühl and G. Gorr, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Medicaments coated with a water-insoluble polymerization product and preparing them. 2,066,105; Dec. 29.
- Hagedorn, William F., St. Louis, Mo. Toilet flusher. 2,043,434; June 9.



- Hagelin, William T., Cleveland, Ohio, assignor to Multi-graph Company, Wilmington, Del. Planographic printing plate. 2,040,129; May 12.
- Hagen, Albert M. (See Atkinson, R. W., and Hagen.)
- Hagen, Gerhard B., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation scheme for Barkhausen-Kurz generators. 2,033,984; Mar. 17.
- Hagen, Harold F., Dedham, assignor to B. F. Sturtevant Company, Boston, Mass. Centrifugal fan. 2,050,700; Aug. 11.
- Hagen, Harold F., Dedham, assignor to B. F. Sturtevant Company, Boston, Mass. Centrifugal fan. 2,050,701; Aug. 11.
- Hagen, Harold F., Dedham, and S. M. Anderson, Sharon, Mass., assignors to B. F. Sturtevant Company, Inc., Boston, Mass. Combined heating and cooling apparatus. 2,033,069; Mar. 3.
- Hagen, Oscar E. (See Fourness, C. A., and Hagen.)
- Hagenböcker, Alfred. (See Krauss, K., and Hagenböcker.)
- Hagenböcker, Alfred, and R. Brune, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Thioindigo dyestuff preparations and preparing them. 2,029,714; Feb. 4.
- Hagenbook, Thurlow M. (See Shields, J. W., and Hagenbook.)
- Hagenbook, Thurlow M., assignor, by mesne assignments, to International Door Company, Evansville, Ind. Revolving door speed control. 2,029,318; Feb. 4.
- Hagenbook, Thurlow M., assignor, by mesne assignments, to International Door Company, Evansville, Ind. Revolving door speed control. 2,047,468; July 14.
- Hagenbuch, Walter, Martinez, assignor to Shell Development Company, San Francisco, Calif. Apparatus for and process of fractionation. 2,042,150; May 26.
- Hagendorn, William V. (See Boch, Oscar A., assignor.)
- Hagens, Jacob F. C., and L. Rosenstein, San Francisco, and W. Hirschkind, Berkeley, Calif., assignors to The Barrett Company, New York, N. Y. Production of fertilizers. 2,057,025; Oct. 13.
- Hager, Karl. (See Limpach, O., and Hager.)
- Hager, Willet V. (See Hager, Wilson T., assignor.)
- Hager, Wilson T., assignor to W. V. Hager, Erwinna, Pa. Incubator. 2,026,530; Jan. 7.
- Hagermann, George H., Muscatine, Iowa. Trap. 2,052,823; Sept. 1.
- Hagerty, Andrew T., Elkhart, Ind., assignor to The Adlake Company. Padlock. 2,040,482; May 12.
- Hagg, Bruno, assignor to firm: Grief-Werke vorm. Deutsche Burobedarfs-Gesellschaft Bruer & Co., Goslar-on-the-Harz, Germany. Manufacture of stencil sheets. 2,052,291; Aug. 25.
- Hagge, Walter, Dessau in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Sulphur dye preparations. 2,055,746; Sept. 29.
- Hagge, Walter, and K. Haagen, Dessau in Anhalt, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Hydroxyphenylaminoanthracenes. 2,055,792; Sept. 29.
- Hagler, Clyde E., Birmingham, Ala., assignor to Continental Gin Company. Mechanism for the control of feed to cotton extractors. 2,060,305; Nov. 10.
- Haglund, Carl J., Cleveland, Ohio. Sled structure. 2,058,866; Oct. 27.
- Haglund, Gustaf, Stockholm, assignor to Patentaktiebolaget Gröndal-Ramen, Stockholm, Sweden. Preparing alkali sulphite or alkali bisulphite solutions from waste liquors obtained in the digestion of cellulose with alkali sulphur compounds. 2,029,616; Feb. 4.
- Haglund, Gustaf, assignor to Patentaktiebolaget Gröndal-Ramen, Stockholm, Sweden. Producing solutions of alkali metal salts of sulphurous acid. 2,047,627; July 14.
- Haglund, Gustaf, assignor to Patentaktiebolaget Gröndal-Ramen, Stockholm, Sweden. Apparatus for producing solutions. 2,047,628; July 14.
- Haglund, Hakon H., assignor to The Western Union Telegraph Company, New York, N. Y. Receiving channel assigner. 2,057,680; Oct. 20.
- Haglund, Peter A., Gilbert, Minn. Ski. 2,038,077; Apr. 21.
- Haglund, Ture R., Stockholm, Sweden. Obtaining products containing spinels. 2,029,773; Feb. 4.
- Haglund, Ture R., Stockholm, Sweden. Refining of alloys. 2,031,947; Feb. 25.
- Haglund, Ture R., Stockholm, Sweden. Highly refractory mass produced by melting. 2,048,263; July 21.
- Haglund, Ture R., Stockholm, Sweden. Producing refractory bodies. 2,048,861; July 28.
- Hagner, Frederick H., assignor to Position Finder Corporation, San Antonio, Tex. Astronomical instrument. 2,055,148; Sept. 22.
- Hagner, Frederick H., assignor to Position Finder Corporation, San Antonio, Tex. Position finder. 2,064,061; Dec. 15.
- Hagner, Frederick H., assignor to Position Finder Corporation, San Antonio, Tex. Navigating instrument. 2,064,062; Dec. 15.
- Hagopian, Charles H., New York, N. Y. Faucet connection. 2,051,211; Aug. 18.
- Hagopian, Levon R., Fresno, Calif. Packing box. 2,032,799; Mar. 3.
- Hague, Thomas W., Fort Worth, Tex. Grain crop header. 2,042,256; May 26.
- Hähle, Herbert. (See Schladebach, H., and Hähle, assignors.)
- Hahn, Clair F., Alliance, Ohio. Automatic automobile brake. 2,028,205; Jan. 21.
- Hahn, Clarence E. (See Brown, C. A., and Hahn.)
- Hahn, Frederick C., Wilmington, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose acetate compositions. 2,036,271; Apr. 7.
- Hahn, George J., and O. Sann, Johnstown, Pa. Changeable gauge mine car. 2,056,100; Sept. 29.
- Hahn, Harry W., Glendale, Calif. Metal stud for buildings. 2,052,024; Aug. 25.
- Hahn, Harry W., Glendale, Calif. Metal stud and the like for buildings. 2,054,477; Sept. 15.
- Hahn, Lewis F., New York, N. Y. Terminal cap for spark plugs. 2,055,408; Sept. 22.
- Hahn, Mathias, Aachen, assignor to H. Krantz Söhne, Aachen, Germany. Tenting and drying machine. 2,032,014; Feb. 25.
- Hahn, Otto W., San Francisco, Calif. Valve. 2,031,309; Feb. 18.
- Hahn, Otto W., San Francisco, Calif. Gaseous fuel burner. 2,041,706; May 26.
- Hahn, Otto W., San Francisco, Calif. Fluid flow control device. 2,042,462; June 2.
- Hahn, Otto W., San Francisco, Calif. Gas pilot construction. 2,055,529; Sept. 29.
- Hahn, Otto W., San Francisco, Calif. Thermostatic fuel control. 2,064,909; Dec. 22.
- Hahnemann, Walter M., Berlin-Marienfelde, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Single wave transmitting system. 2,063,500; Dec. 8.
- Hähle, Walter. (See Eitzrodt, K., Fülling, and Hähle.)
- Haigh, Leslie B. (See Hatton, W., and Haigh.)
- Haigh, William D., Groveland, Calif., assignor to C. H. Graham, San Antonio, Tex. Portable maintenance roller. 2,044,684; June 16.
- Hailes, Herbert R. (See Jackson, K. S., Wainwright, and Hailes.)
- Hailes, William D., Brighton, assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,045,908; June 30.
- Hailes, William D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,062,710; Dec. 1.
- Hailparn, Albert, New York, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Knock-down display device. 2,035,651; Mar. 31.
- Hailwood, Anthony J. (See Baldwin, A. W., and Hailwood.)
- Haimoff, David, assignor, by mesne assignments, to Sho-Form Brassières, Inc., Los Angeles, Calif. Brassières. 2,052,707; Sept. 1.
- Hain, Frank J., Manteca, Calif. Gopher trap. 2,059,453; Nov. 3.
- Haines, Donald G., Bloomfield, N. J., assignor to Radio Corporation of America. Phototube. 2,037,075; Apr. 14.
- Haines Hosiery Mills, Inc. (See Haines, J., and Paget, assignors.)
- Haines, John R., Tabernacle, assignor to Arrow Safety Device Co., Medford, N. J. Turn indicating light. 2,058,546; Oct. 27.
- Haines, John R., Vincentown, assignor to Arrow Safety Device Company, Inc., Mt. Holly, N. J. Fender signal arrow and parking lamp. 2,062,993; Dec. 1.
- Haines, Joseph, Jr., Meadowbrook, and H. F. Paget, assignors to Haines Hosiery Mills, Inc., Philadelphia, Pa. Needle bar retracting mechanism for flat knitting machines. 2,040,047; May 5.
- Haines, Julius H., Brooklyn, N. Y. Can sealing compound and the like. 2,035,601; Mar. 31.
- Haines, Marcus W., Long Beach, assignor to Technicraft Engineering Corp., Los Angeles, Calif. Perforating deep wells. 2,029,478; Feb. 4.
- Haines, Marcus W., Long Beach, assignor of one-half to Technicraft Engineering Corp., Los Angeles, Calif. Bottom hole gas bean. 2,037,896; Apr. 21.
- Haines, Marcus W., Long Beach, assignor, by mesne assignments, of one-half to The Technicraft Engineering Corporation, Los Angeles, Calif. Ammunition. 2,061,835; Nov. 24.
- Haines Office-Machine Supply Co. (See Haines, Wayne M., assignor.)
- Haines, Wayne M., assignor to Haines Office-Machine Supply Co., Inc., Seattle, Wash. Feed roll for typewriters and the like. 2,052,566; Sept. 1.
- Haines, Wayne M., assignor to Haines Office-Machine Supply Co., Inc., Seattle, Wash. Grooving machine. 2,052,567; Sept. 1.
- Hainsworth, William R. (See Andesson, S. W. E., and Hainsworth.)
- Hainsworth, William R., Larchmont, N. Y., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,037,782; Apr. 21.
- Hainsworth, William R., Larchmont, N. Y., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Air-cooled refrigerator. 2,040,174; May 12.
- Hainsworth, William R., Larchmont, N. Y., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,045,134; June 23.
- Hair, Otto E., Milwaukee, Wis. Fishing pole holder. 2,027,772; Jan. 14.
- Hairston, Festus. (See Drake, P., and Hairston.)
- Haislip, Albert S., Fredericksburg, Va. Artificial bait. 2,055,841; Sept. 29.



- Haislip, Albert S., Fredericksburg, Va. Fishing rod holder. 2,055,842; Sept. 29.
- Haister, Aaron E., New York, N. Y. Maternity dress. 2,051,444; Aug. 18.
- Hait, James M. (See Thompson, A. R., and Hait.)
- Hait, James M., San Marino, Calif., assignor to Food Machinery Corporation. Oil return system for deep well turbine pumps. 2,041,999; May 26.
- Haium, Grant C., Clayton, Wis. Musical instrument. 2,033,826; Mar. 10.
- Hake, Donald S. (See Kinzie, C. J., and Hake.)
- Hake, Elmer C. (See Kleinberg, Joseph H., assignor.)
- Hake, Elmer C., Covington, Ky. Multiple wing display device. 2,042,656; June 2.
- Halberstadt, Heinrich. (See Bouwers, A., and Halberstadt.)
- Halbig, Paul, and F. Kaufer, assignors to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie G. m. b. H., Munich, Germany. Preparing 3-methylal-n-pentane. 2,040,130; May 12.
- Halbig, Paul, and F. Kaufer, assignors to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie, G. m. b. H., Munich, Germany. Production of barbituric acid. 2,051,846; Aug. 25.
- Halbo, Peter. (See Smithwick, H., and Halbo.)
- Halborg, Carl J., Detroit, Mich., assignor to Colonial Broach Company. Broach. 2,041,759; May 26.
- Haldenstein, Alfred A., North Plainfield, N. J., assignor to National Adhesives Corporation, New York, N. Y. Manufacture of bleached dry dextrine composition. 2,056,575; Oct. 6.
- Hale, Arthur, Rowlandsville, Md. Auxiliary dish. 2,047,582; July 14.
- Hale, Douglas A. S. (See Ronci, V. L., and Hale.)
- Hale, Elbert D., Glentana, Mont. Wind wheel. 2,063,549; Dec. 8.
- Hale, Frank C., Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of spun yarns. 2,031,647; Feb. 25.
- Hale, Frank C., and G. C. Tyce, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of textile materials. 2,030,252; Feb. 11.
- Hale, Frank C., and R. Yeadon, Spondon, near Derby, England, assignors to Celanese Corporation of America. Circular loom. 2,061,625; Nov. 24.
- Hale, Frank C., and W. Howarth, Spondon, near Derby, England, assignors to Celanese Corporation of America. Shedding mechanism for circular looms. 2,063,734; Dec. 8.
- Hale, Frank S., assignor of one-half to E. Marti, Pomona, Calif. Drill puller. 2,035,156; Mar. 24.
- Hale, George C., and D. R. Cameron, Dover, N. J. Propellant powder. 2,026,531; Jan. 7.
- Hale, George C., and D. R. Cameron, Dover, N. J. Propellant powder. 2,035,471; Mar. 31.
- Hale, James E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vehicle wheel. 2,028,702; Jan. 21.
- Hale, John O., and K. J. Hall, Worcester, Mass. Snap hook. 2,037,783; Apr. 21.
- Hale, Lloyd. (See Pennock, E. M., and Hale.)
- Hale, Lloyd, assignor to G. H. Tennant Company, Minneapolis, Minn. Bottle crate. 2,041,062; May 19.
- Hale, Lloyd, assignor to G. H. Tennant Company, Minneapolis, Minn. Bottle crate. 2,041,063; May 19.
- Hale, Robert M. (See Mayer, L. L., and Hale.)
- Hale, Roger W., Rumford, R. I. Braiding machine carrier. 2,028,744; Jan. 28.
- Hale, Roger W., Rumford, R. I. Machine-made braid and making same. 2,036,805; Apr. 7.
- Hale, Roger W., Rumford, R. I. Machine-made tubular braid and making same. 2,064,974; Dec. 22.
- Hale, William B., Huntington Park, Calif. Air-jet cleaning and painting device. 2,052,622; Sept. 1.
- Hale, William J., Midland, Mich. Converting aldehydes to acids. 2,027,377; Jan. 14.
- Hale, William J., Midland, Mich. Converting alcohols to acids. 2,027,378; Jan. 14.
- Hale, William J., assignor to The Dow Chemical Company, Midland, Mich. Simultaneous hydrolysis and ammonolysis of aryl halides. 2,028,065; Jan. 14.
- Hale, William J., Midland, Mich., and L. M. Christensen, Ames, Iowa, assignors to The Chemical Foundation, Incorporated, New York, N. Y. Dehydrating alcohol. 2,038,357; Apr. 21.
- Hales, George J., Rocky River, Ohio, assignor to General Electric Company. Immersion tube type furnace. 2,030,698; Feb. 11.
- Hales, Guy S., Port Washington, Wis. Treating vegetation. 2,029,166; Jan. 28.
- Haley, Cate-Rockwood Company. (See Rockwood, Aaron W., assignor.)
- Haley, Christopher J., Vancouver, British Columbia, Canada. Wooden pipe joint. 2,038,172; Apr. 21.
- Haley, Christopher J., Vancouver, British Columbia, Canada. Stave joint. 2,049,371; July 28.
- Haley, Grace I. (See Baule Gerhard H. J., assignor.)
- Haley, Hugh D., Lynn, Mass., assignor to General Electric Company. Lubricating system. 2,063,673; Dec. 8.
- Haley, John W., assignor to The Narragansett Brewing Company, Cranston, R. I. Liquid dispensing apparatus. 2,046,325; July 7.
- Haley, Thomas F., executor. (See Hanley, John J.)
- Halfen, Frank, et al. (See Flury, William J., assignor.)
- Halford, Frank B., London, England. Valve gear for internal combustion engines. 2,036,936; Apr. 7.
- Haliburton, George M., Roslindale, Boston, Mass. Mosaic block. 2,053,001; Sept. 1.
- Halin, Emil, Quincy, Mass. Rivet-backing machine. 2,042,936; June 2.
- Halinka, George, assignor of one-fourth to F. P. Bock, Detroit, Mich. Automobile door lock. 2,055,688; Sept. 29.
- Halkenhauser, William. (See Dempsey, R. A., and Halkenhauser.)
- Halkyard, Charles C., Melbourne, Victoria, assignor to Hume Pipe Company (Australia) Limited, Melbourne, Australia. Centrifugal molding and lining of pipes and the like. 2,042,395; May 26.
- Hall, Alfred E. C., Webster Groves, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes and shoe soles. 2,040,131; May 12.
- Hall, Alfred E. C., Albin C. Eek, Webster Groves, and E. F. Huhn, Cape Girardeau, Mo., assignors to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for use in manufacturing boots and shoes. 2,045,595; June 30.
- Hall, Arthur, assignor to Yaxley Manufacturing Company, Indianapolis, Ind. Electric switch device. 2,039,957; May 5.
- Hall, Basil G., Minneapolis, Minn. Flour sifter. 2,063,499; Dec. 8.
- Hall Brothers, Incorporated. (See Rubenstein, Harry J., assignor.)
- Hall, C. M., Lamp Company. (See Taylor, Arnold N., assignor.)
- Hall, C. M. Lamp Company. (See Worden, Norbert P., assignor.)
- Hall, Carlos, Jr., Mexico City, D. F. Mexico. Die for driving nails into the heels of shoes. 2,034,980; Mar. 24.
- Hall, Carroll B., Beaver Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Non-piping high glazed coated fabric. 2,046,944; July 7.
- Hall, Charles G., Caldwell, Idaho, assignor to Edible Bottle Company. Device and making confection covers. 2,065,452; Dec. 22.
- Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener and fastener secured installation. 2,035,429; Mar. 24.
- Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening installation and fastener therefor. 2,037,682; Apr. 14.
- Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener secured installation and fastener member therefor. 2,041,335; May 19.
- Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener secured installation and fastener member therefor. 2,041,336; May 19.
- Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Clip member. 2,061,463; Nov. 17.
- Hall, Charles T., Deptford, London, assignor to Molins Machine Company, Limited, London, England. Apparatus for severing sheets from continuous webs. 2,053,030; Sept. 1.
- Hall, Clarence A. (See Smith, E. W., and Hall.)
- Hall, Clarence A., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Machine for treating newly pasted storage battery plates. 2,035,746; Mar. 31.
- Hall, Claude C. (See Burden, Jarrett H., assignor.)
- Hall & Connolly, Inc. (See Hall, Theodore O., assignor.)
- Hall, Cortice H., Glen Rock, N. J., assignor to Domestic Stoker Company, New York, N. Y. Underfeed stoker. 2,033,706; Mar. 10.
- Hall, Edward H. (See Walsh, H. C. H., and Hall.)
- Hall, Elisha W., Scituate, Mass. Buffing wheel. 2,027,425; Jan. 14.
- Hall, Elisha W., Scituate, Mass. Ventilated buffing wheel. 2,027,863; Jan. 14.
- Hall, Elisha W., Scituate, Mass. Buffing wheel. 2,031,105; Feb. 18.
- Hall, Elisha W., Scituate, Mass. Buffing wheel. 2,034,576; Mar. 17.
- Hall, Elwin B. (See Armentrout, A. L., and Hall.)
- Hall, Eric E. (See Eichelman, W. H., and Hall.)
- Hall, Eric E. (See Jacobson, J. H., and Hall.)
- Hall, Eric E., Chicago, Ill. Tire and rim construction. 2,028,601; Jan. 21.
- Hall, Eric E., Chicago, Ill. Tool for affixing elastic tubular handgrips to the shafts of golf clubs. 2,038,840; Apr. 28.
- Hall, Eric E., Chicago, Ill. Pipe sleeve extension and holder therefor. 2,053,555; Sept. 8.
- Hall, Eric E., Chicago, and W. H. Eichelman, Des Plaines, Ill.; said Hall assignor to said Eichelman. Expansion joint. 2,042,524; June 2.
- Hall, Ernest A., assignor to The Hall Manufacturing Company, Toledo, Ohio. Dust removing means for valve seat grinders or the like. 2,042,782; June 2.
- Hall, Ernest A., assignor to The Hall Manufacturing Company, Toledo, Ohio. Adjusting means for sleeve bearings. 2,042,783; June 2.
- Hall, Frank J., San Francisco, Calif. Toilet paper holder and dispenser. 2,031,772; Feb. 25.



- Hall, Frederic, Hale, England, assignor to The Superheater Company, New York, N. Y. Superheater support. 2,032,413; Mar. 3.
- Hall, Gardiner, Jr., Company, The. (See McBee, William R. L., assignor.)
- Hall, George W., Moodus, and C. C. Barton, Wethersfield, Conn. Connecting link. 2,033,766; Mar. 10.
- Hall, Guy H. (See Winger, Stover C., assignor.)
- Hall, Harold P., Seattle, Wash. Dispensing container for mayonnaise and the like. 2,065,131; Dec. 22.
- Hall, Hartwell & Co. (See Hunter, Ralph, assignor.)
- Hall, Hartwell & Co. (See Woodward, H. H., and Wright, assignors.)
- Hall, J. D., Plastic Columns Limited. (See Hall, James D., assignor.)
- Hall, James A., Jr., Hyder, Alaska. Canned milk dispenser. 2,038,356; Apr. 21.
- Hall, James D., Rockhampton, Queensland, assignor to J. D. Hall Plastic Columns Limited, Canberra, Australia. Apparatus for molding pipes, pillars, and other cylindrical forms in plastic materials. 2,066,288; Dec. 29.
- Hall, James E. L., assignor to C. Martin, Chicago, Ill. Flight apparatus. 2,031,310; Feb. 18.
- Hall, John H., Maitland, Fla. Weeding hoe. 2,064,063; Dec. 15.
- Hall, Joseph M., Chicago, Ill. Street or road marker. 2,034,391; Mar. 17.
- Hall, Kenneth J. (See Hale, J. O., and Hall.)
- Hall Laboratories, Inc. (See Hall, Ralph E., assignor.)
- Hall Laboratories, Inc. (See Schwartz, Charles, assignor.)
- Hall, Lloyd A. (See Griffith, C. L. and Hall.)
- Hall, Louis M., Fort Thomas, Ky., assignor to The Monarch Tool & Manufacturing Company, Cincinnati, Ohio. Slug-rejecting coin slide. 2,031,160; Feb. 18.
- Hall, Lyle A. (See Mason, Gilmore, assignor.)
- Hall Manufacturing Company, The. (See Hall, Ernest A., assignor.)
- Hall, Marchand B., assignor to Cardwell-Westinghouse Company, Chicago, Ill. Bolster supporting mechanism. 2,060,370; Nov. 10.
- Hall, Mora S., Baltimore, Md., assignor to May Oil Burner Corporation. Boiler. 2,037,018; Apr. 14.
- Hall, Mora S., Baltimore, Md., assignor to May Oil Burner Corporation. Boiler. 2,037,019; Apr. 14.
- Hall, Mora S., Baltimore, Md., assignor to May Oil Burner Corporation. Boiler. 2,066,275; Dec. 29.
- Hall, Omer S., Paoli, assignor to The Edgerton Manufacturing Co., Plymouth, Ind. Basket web assembling machine. 2,026,783; Jan. 7.
- Hall, Peter P-G., Philadelphia, Pa. Cutter head. 2,064,304; Dec. 15.
- Hall, Ralph E., Mount Lebanon, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Washing and cleansing. 2,035,652; Mar. 31.
- Hall, Ralph E., Mount Lebanon, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Treatment of milk and milk preparations. 2,064,110; Dec. 15.
- Hall, Randolph F., Kenmore, N. Y. Airplane. 2,037,626; Apr. 14.
- Hall, Randolph F., Rochester, N. Y. Airplane. 2,045,463; June 23.
- Hall, Randolph F., Rochester, N. Y. Airplane seat. 2,051,703; Aug. 18.
- Hall, Robert, Lockport, assignor to American District Steam Company, North Tonawanda, N. Y. Meter. 2,039,246; Apr. 28.
- Hall, Robert, Lockport, assignor to American District Steam Company, North Tonawanda, N. Y. Expansion joint. 2,044,430; June 16.
- Hall, Robert, Lockport, assignor to American District Steam Company, North Tonawanda, N. Y. Speed changing mechanism. 2,056,101; Sept. 29.
- Hall, Ronald C. (See Yackley, R. J., and Hall.)
- Hall, Roy M., Jackson Heights, N. Y. Coin controlled mechanism. 2,052,397; Aug. 25.
- Hall, Russell J., Denver, Colo. Slug eliminator for coin-operated mechanisms. 2,034,431; Mar. 17.
- Hall, Stanley M. (See Nixon, Deane L., assignor.)
- Hall, Theodore O., West Los Angeles, Calif., assignor to Hall & Connolly, Inc., New York, N. Y. Reflector projection lamp. 2,057,644; Oct. 13.
- Hall, Theodore O., assignor to Hall & Connolly, Inc., New York, N. Y. Automatic projector lamp. 2,065,891; Dec. 29.
- Hall, W. F., Printing Company. (See Pederson, John P., assignor.)
- Hall, Wallace. (See Johnson, S. N., and Hall.)
- Hall, Walter F., and G. A. Lowrey, Goose Creek, Tex. Pipe puller. 2,058,687; Oct. 27.
- Hall-Welter Co. (See Welter, Herman C., assignor.)
- Hall, William A., assignor to Max Factor & Co., Los Angeles, Calif. Disguise. 2,028,206; Jan. 21.
- Hall, William E. (See Howlett, G. W., and Hall.)
- Hall, William H., Jr., assignor to Thermoid Rubber Company, Trenton, N. J. Doup heddle loom. 2,043,165; June 2.
- Hall, William H., Jr., assignor, by mesne assignments, to Thermoid Textile Company, Trenton, N. J. Pile wire for doup heddle looms. 2,057,615; Oct. 13.
- Hall, William J., Detroit, Mich., assignor, by mesne assignments, of thirty per cent to O. L. Herron, thirty per cent to J. B. Zimmers, thirty-three per cent to W. J. Hall, and seven per cent to R. C. Schemmel. Hood hinge. 2,034,810; Mar. 24.
- Hall, William J., Detroit, Mich., assignor, by mesne assignments of thirty per cent to O. L. Herron, thirty per cent to J. B. Zimmers, thirty-three per cent to W. J. Hall, and seven per cent to R. C. Schemmel. Hood construction. 2,058,867; Oct. 27.
- Hall, William K., and F. Heywood, The Green, Norton-on-Tees, England, assignors to Imperial Chemical Industries Ltd. Apparatus for granulating molten materials. 2,059,230; Nov. 3.
- Hall, William L., Brookline, assignor to Boston Clip & Tag Company, Boston, Mass. Tag fastener. 2,064,744; Dec. 15.
- Hall, Zachariah A., Guelph, Ontario, Canada. Hockey stick. 2,040,132; May 12.
- Hallam, Harry, and C. H. James, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for molding soles. 2,028,832; Jan. 28.
- Hallanger, William N., St. Clair Shores, Mich. Wick feed oiler. 2,031,648; Feb. 25.
- Hallaux, Chester J. (See Kenagy, R. B., Sr., and Hallaux.)
- Halle, Bobbe, assignor to F. Stovall, Monroe, La. Welding apparatus. 2,054,375; Sept. 15.
- Halleck, Frank A., Chicago, Ill., assignor to Sullivan Machinery Company. Loading machine. 2,030,063; Feb. 11.
- Hallen, Karl. (See Körös, L., and Hallen.)
- Hallenbeck, Charles V., Denver, Colo. Weighing system. 2,047,629; July 14.
- Hallenbeck, George E., assignor to Baker Brothers, Inc., Toledo, Ohio. Machine tool. 2,055,530; Sept. 29.
- Hallensleben, Julius. (See Kolle, W., Hallensleben, Streitwolf, and Bauer.)
- Haller, Cecil E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric converter. 2,053,431; Sept. 8.
- Haller, Cecil E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 2,057,485; Oct. 13.
- Haller, Herbert L. J. (See La Forge, F. B., and Haller.)
- Haller, Herbert L. J., Washington, D. C., and F. B. La Forge, Clarendon, Va., assignors to H. A. Wallace, Secretary of Agriculture of the United States of America. Purification of pyrethrin concentrates. 2,044,502; June 16.
- Haller, John, and L. A. Low, Detroit, Mich. Internal combustion engine. 2,027,972; Jan. 14.
- Haller, Oskar. (See Laska, L., and Haller.)
- Haller, Oskar, Offenbach-on-the-Main, and H. Morschel, Cologne-Deutz, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo-dye-stuffs and fiber dyed therewith. 2,049,007; July 28.
- Haller, Ralph T. (See Wait, B. H., and Haller.)
- Hallerberg, Theodore W., St. Louis, Mo., assignor, by mesne assignments, to The Commerce Guardian Bank, trustee, Toledo, Ohio. Automatic lubricant distributing apparatus. 2,035,157; Mar. 24.
- Hallerberg, Theodore W., Madison, Wis. Telltale indicator. 2,053,826; Sept. 8.
- Hallerberg, Theodore W., assignor to United Air Cleaner Co., Chicago, Ill. Apparatus for cleaning air. 2,040,376; May 12.
- Hallett, Howard, Wabasha, Minn. Pull chain and wall switch. 2,054,502; Sept. 15.
- Hallett, William A., and M. D. Lee, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic film spool. 2,051,212; Aug. 18.
- Hallgren, Sven A. (See Baker, M., and Hallgren.)
- Halliburton, Erle P., Los Angeles, Calif. Monolithic cementitious pipe. 2,029,369; Feb. 4.
- Halliburton, E. P., Los Angeles, Calif. Apparatus for plugging back or bridging wells. 2,058,688; Oct. 27.
- Halligan, Clair W. (See Edwards, W. H., and Halligan, assignors.)
- Halligan, Ernest V., Edgewood, R. I. Solder package. 2,047,264; July 14.
- Hallinan, William W., assignor to Skinner & Orr Engineering Company, Seattle, Wash. Oil burner. 2,053,333; Sept. 8.
- Halliwel, George P., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High strength alloys. 2,044,165; June 16.
- Hallman, Little L., Goldsboro, N. C. Arm rest and instrument table. 2,053,476; Sept. 8.
- Hallman, Nils, assignor to Aktiebolaget Zander & Ingeström, Stockholm, Sweden. Electrode for electrically heated steam boilers and the like. 2,050,607; Aug. 11.
- Hallock, Robert L., Mount Vernon, N. Y. Refrigeration. 2,036,043; Mar. 31.
- Hallock, Robert L., Larchmont, N. Y. Refrigeration. 2,047,630; July 14.
- Hallock Robert L., Larchmont, N. Y. Ice tray for refrigerators. 2,058,226; Oct. 20.
- Hallot, Paul, Paris, France. Automatic brake for railway trains. 2,041,603; May 19.
- Hallowell, Edison, West Park, Leeds, assignor to Northern Utilities Trust Limited, Leeds, Yorkshire, England. Remote control system for electric supply networks. 2,029,069; Jan. 28.
- Hallquist, Einar G. (See Meyer, W. H., and Hallquist.)
- Hallquist, Einar G. (See Pfleger, H. M., Hallquist, and Sheehan.)
- Hallquist, Einar G., Wallingford, Pa., and L. Visser, assignors to General Steel Castings Corporation, Granite City, Ill. Railway car. 2,042,151; May 26.



- Hallstrom, Edward J. L., Willoughby, New South Wales, Australia. Refrigerating apparatus. 2,053,827; Sept. 8.
- Hallwood, Thomas H., assignor of one-eighth to G. A. Sundell and one-eighth to H. C. Omohundro, Columbus, Ohio. Bread toaster. 2,052,927; Sept. 1.
- Halmagyi, John. (See Langer, Nicholas, assignor.)
- Halmi, Steve, New York, N. Y. Automatic lock for dumb-waiters. 2,029,867; Feb. 4.
- Haloid Company, The. (See Lloyd, Whitten P., assignor.)
- Haloid Company, The. (See Lloyd, W. P., and Hill, assignors.)
- Halowax Corporation. (See Delaney, Myron E., assignor.)
- Halowax Corporation. (See Hanson, Ernest R., assignor.)
- Halperin, Robert L., Los Angeles, Calif. Currency holder. 2,031,773; Feb. 25.
- Halpern, Michael, New York, W. B. Logan, White Plains, Robert E. Manley and W. Ullrich, Beacon, N. Y., assignors to The Texas Company, New York, N. Y. Pyrolysis of hydrocarbon gases. 2,030,030; Feb. 4.
- Halpin, Harry J., Camden, and L. S. Henwood, Merchantville, assignors to C. H. Hunt Pen Company, Camden, N. J. Making a pen point. 2,030,918; Feb. 18.
- Halpin, James. (See Raymond, John D., assignor.)
- Halsam Products Company. (See Paulson, Nils I., assignor.)
- Halstead, Dorne N. (See Carroll, J. S., and Halstead.)
- Halstead, Dorne N., Brooklyn, assignor to Johns-Manville Corporation, New York, N. Y. Pipe coating machine. 2,044,778; June 23.
- Halstead, William S., White Plains, N. Y. Tooth brush holder. 2,051,847; Aug. 25.
- Haltenberger, Jules, Indianapolis, Ind. Oil gauge. 2,032,800; Mar. 3.
- Haltenberger, Jules, Indianapolis, Ind. Automobile. 2,032,876; Mar. 3.
- Haltenberger, Jules, Indianapolis, Ind. Fender accessory. 2,048,862; July 28.
- Haltenberger, Jules, Indianapolis, Ind. Independent wheel springing. 2,053,869; Sept. 8.
- Haltenberger, Jules, Indianapolis, Ind. Automotive vehicle. 2,055,975; Sept. 29.
- Halter, Adolph A., Cleveland, Ohio. Valve for liquid fuel burners. 2,043,892; June 9.
- Haltmeier, Alfred. (See Bayer, J., Haltmeier, and Hencky.)
- Haluska, Michael, St. Clair, Pa. Vehicle warning signal. 2,054,749; Sept. 15.
- Halvorson, Cromwell A. B., Lynn, Mass., assignor to General Electric Company. Street lighting unit. 2,040,690; May 12.
- Ham, Thomas J., Jr., Yanceyville, N. C. Practice device for golf and other games. 2,054,079; Sept. 15.
- Hamacher, Votja A. (See Horsey, Andrew H., assignor.)
- Hamada, Seitoku, Tokyo, Japan, assignor to General Electric Company. Ballast resistance. 2,031,480; Feb. 18.
- Hamada, Shigenori, and K. Nomura, Tokyo, Japan, assignors to General Electric Company. Emissive coating for cathodes and preparing the same. 2,049,372; July 28.
- Hamberger, John. (See Wainman, F. H., and Hamberger.)
- Hambly, John A., Three Rivers, Quebec, Canada, assignor to Consolidated Paper Corporation Limited, Montreal, Quebec, Canada. Treatment of black liquors. 2,036,213; Apr. 7.
- Ham Boiler Corporation. (See Adelman, Hans, assignor.)
- Ham Boiler Corporation. (See Gleason, Stanley F., assignor.)
- Hambrecht, Edward J. (See Grant, D. R., and Hambrecht.)
- Hambrecht, George D., and J. W. Paine, Canajoharie, N. Y. Stringed musical instrument. 2,031,706; Feb. 25.
- Hamburg, Elmer A. (See Stiening, Frank H., assignor.)
- Hamburg Floral Mfg. Co. et al. (See Kaderbeck, George J., assignor.)
- Hamby, Cleo C., Covington, Ga. Swing hanger. 2,062,902; Dec. 1.
- Hamel, Charles F., New York, N. Y. Top for rumble seats. 2,038,490; Apr. 21.
- Hamel, David W., Westfield, Mass., assignor of one-half to D. W. Murdock. Fountain toothbrush. 2,053,145; Sept. 1.
- Hamel, Otto W., Chicago, Ill. Handgrip member. 2,031,161; Feb. 18.
- Hamer, Beverly S., Austin, Tex. Hub lamp. 2,027,478; Jan. 14.
- Hamer, Florence H., executrix. (See Hamer, William D.)
- Hamer, James H. S., Brooklyn, assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Projection system. 2,051,848; Aug. 25.
- Hamer, Lewis, Rutherford, N. J., assignor, by mesne assignments, to S. H. Scheuer. Ornamental woven fabric. 2,065,309; Dec. 22.
- Hamer, Lewis, Rutherford, N. J., and J. Jarmak, assignors to Scheuer and Company, New York, N. Y. Ornamental woven fabric. 2,044,846; June 23.
- Hamer, William D. (See Chatfield, Clarence E., assignor.)
- Hamerly, Frank B., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Switch device for electric drills. 2,055,863; Sept. 29.
- Hamerstadt, William D., assignor to General Fibre Products, Incorporated, Indianapolis, Ind. Pivotal mounting for pulley structures. 2,062,128; Nov. 28.
- Hamill, George H. (See Goodman, John S., assignor.)
- Hamill, Ret O., New York, N. Y., assignor to Sangamo Electric Company, Springfield, Ill. Maximum demand meter. 2,063,735; Dec. 8.
- Hamill, William W., Four Oaks, England. Shock-absorbing steering wheel for automobiles. 2,045,227; June 23.
- Hamill, William W., Chigwell, England. Road wheel of the disk type. 2,053,367; Sept. 8.
- Hamilton, Alexander C., Pleasant Ridge, assignor, by mesne assignments, to Hayes Industries, Inc., Jackson, Mich. Wheel and brake therefor. 2,028,207; Jan. 21.
- Hamilton, Alexander K. (See Mikaelson, E. W., and Hamilton.)
- Hamilton, Alfred E., Pittsburgh, Pa. Apparatus for feeding molten glass. 2,035,958; Mar. 31.
- Hamilton, Arthur L. (See Evans, L. W., and Hamilton.)
- Hamilton, Arthur T. (See Riley, F. S., and Hamilton.)
- Hamilton, Arthur T., assignor to F. S. Riley, Kansas City, Mo. Game device. 2,043,291; June 9.
- Hamilton Beach Manufacturing Company. (See Church, Arthur B., assignor.)
- Hamilton Beach Manufacturing Company. (See Dornmeyer, Albert F., assignor.)
- Hamilton Beach Manufacturing Company. (See Moss, Edward, assignor.)
- Hamilton, Charles E., Sr., Hollywood, Calif., assignor to H. R. Hering, South Orange, N. J. Spring pad mounting for pressing machines. 2,043,537; June 9.
- Hamilton, Charles H. (See Finley, W. H., and Hamilton.)
- Hamilton, Charles W. F., Irishman Creek Station, Fairlie, New Zealand. Apparatus for loading or dumping spoil or other suitable materials. 2,047,867; July 14.
- Hamilton, Clyde C., Highland Park, N. J. Insecticide. 2,030,584; Feb. 11.
- Hamilton, Clyde C., Highland Park, assignor to Endowment Foundation, New Brunswick, N. J. Insecticide composition. 2,035,546; Mar. 31.
- Hamilton, Erwin H., Hastings-on-Hudson, N. Y. Pressure gauge. 2,057,645; Oct. 13.
- Hamilton, Francis E. (See Lake, C. D., and Hamilton.)
- Hamilton, Frederick, Harmony, R. I., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,035,805; Mar. 31.
- Hamilton, George H., assignor to American Seating Company, Grand Rapids, Mich. Seat construction. 2,065,310; Dec. 22.
- Hamilton, James E., U. S. Navy. Device for cleaning fuel oil heaters. 2,059,231; Nov. 3.
- Hamilton, James K., Sunnyside, assignor to Air Reduction Company, Incorporated, New York, N. Y. Regulator. 2,048,379; July 21.
- Hamilton, John G., McComb, Miss. Fastener for wall panels. 2,065,525; Dec. 29.
- Hamilton, John R. (See Lowe, E. A., and Hamilton.)
- Hamilton, Karl M., Chicago, Ill. Heat distributing means. 2,030,519; Feb. 11.
- Hamilton Laboratories, Inc. (See Rentschler, Mahlon J., assignor.)
- Hamilton Manufacturing Company. (See Evans, Howell G., assignor.)
- Hamilton Manufacturing Company. (See Froelich, George E., assignor.)
- Hamilton Manufacturing Company. (See O'Neil, C. S., and Wachtel, assignors.)
- Hamilton Manufacturing Company. (See Scheuer, Ralph I., assignor.)
- Hamilton, Paul H., assignor to The Sands Manufacturing Company, Cleveland, Ohio. Fuel control valve. 2,033,336; Mar. 10.
- Hamilton, Perry H., Baltimore, Md., assignor to Maintenance Equipment Company, Chicago, Ill. Wheel flange oiler. 2,061,731; Nov. 24.
- Hamilton, R. J., Jr. (See Flavin, Arthur C., T. M., and W. B., assignors.)
- Hamilton, Robert W. (See Hamilton, William R., and R. W.)
- Hamilton, Rollie B., Houston, Tex. Radiant heating device. 2,051,213; Aug. 18.
- Hamilton, Roy L. (See Bennington, Frank W., assignor.)
- Hamilton, Russell, Bloomfield, N. J., assignor to The Celastic Corporation, Wilmington, Del. Stiffening material. 2,027,973; Jan. 14.
- Hamilton, Sylvester J., assignor to Richmond Turbine Pump Co. Inc., Richmond, Ind. Pump. 2,045,851; June 30.
- Hamilton, Walter T., assignor to The Airetool Manufacturing Company, Springfield, Ohio. Tube cleaner. 2,052,174; Aug. 25.
- Hamilton Watch Company. (See Luckey, George P., assignor.)
- Hamilton, William L., New York, N. Y. Elevated track for motor vehicles. 2,059,693; Nov. 3.
- Hamilton, William R., and R. W. Hamilton, Montreal, Quebec, Canada. Alarm device for sprinkler systems. 2,037,575; Apr. 14.
- Hamin, Samuel A., assignor to Thomas McGrath, Inc., Providence, R. I. Jewel mounting. 2,058,978; Oct. 27.
- Hamiter, Lloyd. (See Alcorn, W., and Hamiter.)
- Hamlett, Robert T. (See Howe, P. J., Hamlett, and Rudd.)
- Hamlin, George R. (See Sheller, Samuel H., assignor.)
- Hamm, Fred, Milwaukee, Wis. Headlight for vehicles. 2,049,802; Aug. 4.
- Hamm, George H., Schenectady, N. Y., assignor to General Electric Company. Speed controlling means for spinning machines. 2,056,049; Sept. 29.



- Hamm, Glenn B., Dayton, Ohio. Electric presser and ironer. 2,035,959; Mar. 31.
- Hamm, James I., Fairfield, assignor to The Bridgeport Coach Lace Company Incorporated, Bridgeport, Conn. Door weather strip. 2,043,700; June 9.
- Hamm, William S., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Curtain fixture. 2,027,587; Jan. 14.
- Hamm, William S., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Curtain fixture. 2,036,473; Apr. 7.
- Hamm, William S., Elkhart, Ind., assignor to The Adlake Company. Ventilator for vehicles. 2,040,306; May 12.
- Hammarling, Hjalmar, Stockholm, Sweden. Apparatus for cleaning carpets, garments, and the like. 2,050,569; Aug. 11.
- Hammarstrom, Nestor. (See Viberg, Sven G., assignor.)
- Hammell Oil Burning Equipment Company. (See Woolley, Bradford G., assignor.)
- Hammel, Victor F., Richmond Hill, N. Y. Portable projection screen. 2,062,878; Dec. 1.
- Hammell, Reeve H. (See Houdry, E. J., and Hammell.)
- Hammell, Reeve H., Oaklyn Manor, N. J., assignor to Houdry Process Corporation, Dover, Del. Reaction apparatus and assembly of same. 2,045,596; June 30.
- Hammenecker, Alphonse, Mariekerke, Belgium, assignor to The Ruberoid Co., New York, N. Y. Building plate. 2,062,879; Dec. 1.
- Hammer, Alfred I., Boston, Mass. Utility light and test lamp. 2,027,096; Jan. 7.
- Hammer, Arthur, and E. Schäfer, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Variable electric condenser. 2,057,097; Oct. 13.
- Hammer, Benjamin, Lowell, Mass. Combination waist band and belt for trousers. 2,057,235; Oct. 13.
- Hammer-Bray Company. (See Leonard, Joseph E., assignor.)
- Hammer, Charles F. (See Cook, E. S., and Hammer.)
- Hammer, Samuel, assignor to United Metal Box Co., Inc., Brooklyn, N. Y. Casing. 2,033,767; Mar. 10.
- Hammer, Samuel, assignor to United Metal Box Co., Inc., Brooklyn, N. Y. Adjustable mounting for electrical circuit cut out or meter panels. 2,036,044; Mar. 31.
- Hammer, Samuel, assignor to United Metal Box Co., Inc., Brooklyn, N. Y. Venetian blind. 2,061,939; Nov. 24.
- Hammerich, Hans A., New York, N. Y. Handle pad. 2,050,176; Aug. 4.
- Hammerly, Herman J., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Thermostatic overload switch. 2,038,105; Apr. 21.
- Hammerly, Herman J., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 2,051,943; Aug. 25.
- Hammerly, Herman J., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Automatic control for oil pumps and the like. 2,059,102; Oct. 27.
- Hammermill Paper Company. (See Keller, Ray B., assignor.)
- Hammers, Burt F. (See Hammers, James E., and B. F., and Buehler.)
- Hammers, James E., B. F. Hammers and E. C. Buehler, Lawrence, Kans., assignors of forty per cent to E. S. Bates and F. Bates, Topeka, Kans. Air conditioner for vehicles. 2,032,572; Mar. 3.
- Hammersley, Wilbur J., Cleveland, Ohio. Roofing construction. 2,045,707; June 30.
- Hammerstrom, Karl R., Dormont, Pa., assignor to Railroad Research Bureau of The Subsidiary Manufacturing Companies of The United States Steel Corporation. Car truck side frame. 2,065,453; Dec. 22.
- Hammerstrom, Karl R., Dormont, Pa., assignor to The Railroad Research Bureau of The Manufacturing Companies of The United States Steel Corporation. Car truck bolster. 2,065,454; Dec. 22.
- Hammett, Louis P. (See Beans, H. T., Walden, and Hammett.)
- Hammon, James H., Vincennes, Ind. Multifocal ophthalmic lens and blank therefor. 2,029,479; Feb. 4.
- Hammon, James H., Vincennes, Ind. Multifocal ophthalmic lens and blank therefor. 2,029,480; Feb. 4.
- Hammon, James H., Vincennes, Ind. Multifocal ophthalmic lens and blank and making the same. 2,065,132; Dec. 22.
- Hammond Brass Works. (See Kiley, Edward J., assignor.)
- Hammond, Charles A., Lancaster, assignor one-tenth to I. C. Kilbourn, Alden, N. Y. Radiator and mounting. 2,056,318; Oct. 6.
- Hammond Clock Company, The. (See Hammond, Laurens, assignor.)
- Hammond Company, The. (See Hammond, Grant, assignor.)
- Hammond, Elmer H., Mill Hill, Southport, assignor to Consolidated Ashcroft Hancock Company, Inc., Bridgeport, Conn. Temperature control apparatus. 2,041,544; May 19.
- Hammond, Grant, Hamden, assignor to The Hammond Company, New Haven, Conn. Carburetor. 2,053,712; Sept. 8.
- Hammond, Grant, Hamden, assignor to The Hammond Company, New Haven, Conn. Carburetor. 2,053,713; Sept. 8.
- Hammond, Grant, Hamden, assignor to The Barnes Tool Company, New Haven, Conn. Pipe cutter. 2,064,661; Dec. 15.
- Hammond, Harold M., East Cleveland, Ohio, assignor to Bailey Meter Company. Fluid flow-meter. 2,035,472; Mar. 31.
- Hammond, John H., Jr. (See Hammond, J. H., Jr., and Trenor, assignors.)
- Hammond, John H., Jr. (See Purington, Ellison S., assignor.)
- Hammond, John H., Jr., Gloucester, Mass. Repeating phonograph. 2,027,427; Jan. 14.
- Hammond, John H., Jr., Gloucester, Mass. Navigational guide system. 2,027,527; Jan. 14.
- Hammond, John H., Jr., Gloucester, Mass. Navigational guide system. 2,027,528; Jan. 14.
- Hammond, John H., Jr., Gloucester, Mass. Navigational guide system. 2,027,529; Jan. 14.
- Hammond, John H., Jr., Gloucester, Mass. Transmission of light variations by frequency variations. 2,036,869; Apr. 7.
- Hammond, John H., Jr., Gloucester, Mass. Audio frequency regenerator in a musical instrument. 2,038,995; Apr. 28.
- Hammond, John H., Jr., Gloucester, Mass. Sound synchronizing system. 2,038,996; Apr. 28.
- Hammond, John H., Jr., Gloucester, Mass. Galvanic tail torpedo. 2,038,997; Apr. 28.
- Hammond, John H., Jr., Gloucester, Mass. Gas tank discharger for airplanes. 2,038,998; Apr. 28.
- Hammond, John H., Jr., Gloucester, Mass. Noiseless sound reproducing system. 2,038,999; Apr. 28.
- Hammond, John H., Jr., Gloucester, Mass. Variable speed torpedo. 2,042,987; June 2.
- Hammond, John H., Jr., Gloucester, Mass. Dynamic multiplier. 2,042,988; June 2.
- Hammond, John H., Jr., Gloucester, Mass. Audio frequency limiting device. 2,042,989; June 2.
- Hammond, John H., Jr., Gloucester, Mass. Sound system. 2,042,990; June 2.
- Hammond, John H., Jr., Gloucester, Mass. Echo torpedo detonator. 2,060,198; Nov. 10.
- Hammond, John H., Jr., Gloucester, Mass. Photoelectric detonator controlled by intensity change. 2,060,199; Nov. 10.
- Hammond, John H., Jr., Gloucester, Mass. Photoelectric detonator operated by reflection. 2,060,200; Nov. 10.
- Hammond, John H., Jr., Gloucester, Mass. Photoelectric detonator using two photoelectric cells. 2,060,201; Nov. 10.
- Hammond, John H., Jr., Gloucester, Mass. Torpedo. 2,060,202; Nov. 10.
- Hammond, John H., Jr., Gloucester, Mass. Calorific radiation detonator. 2,060,203; Nov. 10.
- Hammond, John H., Jr., Gloucester, Mass. Talking picture with directional effects. 2,060,204; Nov. 10.
- Hammond, John H., Jr., Gloucester, Mass. Torpedo. 2,060,205; Nov. 10.
- Hammond, John H., Jr., Gloucester, Mass. Torpedo. 2,060,206; Nov. 10.
- Hammond, John H., Jr., Gloucester, Mass. Photoelectric detonator operated by direct illumination. 2,060,207; Nov. 10.
- Hammond, John H., Jr., Gloucester, Mass. Cosmic ray detonator. 2,060,208; Nov. 10.
- Hammond, John H., Jr., Gloucester, Mass. Navigational guide system. 2,062,003; Nov. 24.
- Hammond, John Hays, Jr., Gloucester, Mass. Editing for voice recording. 2,064,305; Dec. 15.
- Hammond, John H., Jr., Gloucester, Mass., assignor to Radio Corporation of America. Navigational guide system. 2,027,530; Jan. 14.
- Hammond, John H., Jr., Gloucester, Mass., assignor to Radio Corporation of America. Automatic station selector. 2,052,708; Sept. 1.
- Hammond, John H., Jr., and A. D. Trenor, Gloucester, Mass., assignors, by mesne assignments, to J. H. Hammond, Jr. Phonograph control by sound record. 2,027,426; Jan. 14.
- Hammond, Laurens, Evanston, assignor to The Hammond Clock Company, Chicago, Ill. Electric alarm clock. 2,027,531; Jan. 14.
- Hammond, Laurens, Evanston, assignor to The Hammond Clock Company, Chicago, Ill. Calendar clock. 2,042,337; May 26.
- Hammond Lumber Company. (See Barry, James P., assignor.)
- Hampe, Friedrich, and W. Persch, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Solutions of bismuth salts of carboxylic acids in oils. 2,061,320; Nov. 17.
- Hampe, Homer A., Spindale, N. C. Receptacle. 2,049,373; July 28.
- Hampson, Cecil. (See Brazier, S. A., Hampson, and Langstreth.)
- Hampson, Walter, Pawtucket, assignor to Shambow Shuttle Company, Woonsocket, R. I. Loom shuttle structure. 2,042,307; May 26.
- Hampton, Arthur C., Belleville, assignor to Gasoline Products Company, Inc., Newark, N. J. Treating hydrocarbon oil. 2,040,048; May 5.
- Hampton, Calvin G., Rio Vista, Calif. Pruning shears. 2,030,585; Feb. 11.
- Hampton Company. (See McConnell, Thomas, assignor.)



- Hampton Core Barrel & Supply Company. (See Hampton, Harry D., assignor.)
- Hampton, Harry D., San Antonio, assignor to Hampton Core Barrel & Supply Company, Houston, Tex. Core barrel. 2,034,257; Mar. 17.
- Hampton, Wade B. (See Audain, Raoul, assignor.)
- Hampton, Weldon O., and A. Van Ryan, Chicago, Ill. Arc extinguishing apparatus. 2,051,478; Aug. 18.
- Hampton, William H., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Insecticide and germicide and making the same. 2,055,491; Sept. 29.
- Hampton, William H., and J. T. Rutherford, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Heating and illuminating gas and making same. 2,064,805; Dec. 15.
- Hamwi, Ernest A., Detroit, Mich. Machine for removing wrappers. 2,032,573; Mar. 3.
- Hanahan, Marion L., East Orange, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Titanium oxide pigment of fine texture. 2,044,941; June 23.
- Hanan, Edward A., Beverly Hills, Calif. Lock for vehicle hoods. 2,055,289; Sept. 22.
- Hance, Isaac I., assignor to The Cuno Engineering Corporation, Meriden, Conn. Auto oil filter. 2,063,247; Dec. 8.
- Hance, Lawrence W., Philadelphia, Pa. Bull ring with sectional packing rings. 2,040,808; May 12.
- Hance, Lawrence W., Philadelphia, Pa. Piston ring. 2,055,793; Sept. 29.
- Hancock, Lillard B., Humble, Tex. Burner. 2,028,281; Jan. 21.
- Hancock, R. J. (See Driggers, William S., assignor.)
- Hancock, Virgil H., New Orleans, La., assignor to The Univis Corporation, Dayton, Ohio. Lens. 2,033,573; Mar. 10.
- Hancock, William T., Long Beach, Calif. Oil cracking still. 2,034,094; Mar. 17.
- Hancock, William T., Long Beach, Calif. Petroleum refining system. 2,035,547; Mar. 31.
- Hancock, William T., Long Beach, Calif. Petroleum refining system. 2,048,546; July 21.
- Hancock, William T., Long Beach, Calif. Tube still. 2,048,547; July 21.
- Hancock, William T., Long Beach, Calif. Oil cracking system. 2,048,548; July 21.
- Hancock, William T., Long Beach, Calif. Tube still. 2,060,306; Nov. 10.
- Hand, Arthur R., Schenectady, N. Y., assignor to General Electric Company. Phase-sequence indicator. 2,027,864; Jan. 14.
- Hand, Lee, St. Louis, Mo. Air filter. 2,027,906; Jan. 14.
- Han-Dee Manufacturing Corp., The. (See Gladstone, Arthur, assignor.)
- Handel, Charles E., assignor to Wej-Lock Manufacturing Company, Winterset, Iowa. Expansive anchor. 2,032,089; Feb. 25.
- Handel, Stanley T., New York, N. Y., assignor to Eberhard Faber Pencil Company. Dispensing and display cabinet. 2,037,576; Apr. 14.
- Handford, Reuben E., Luton, England, assignor, by mesne assignments, to L. N. S. Corporation, New York, N. Y. Liquid measuring apparatus. 2,052,530; Aug. 25.
- Handford, Reuben E., Luton, England, assignor, by mesne assignments, to L. N. S. Corporation, New York, N. Y. Apparatus for delivering measured quantities of liquid. 2,056,923; Oct. 6.
- Handforth, Stanley L., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ammonia recovery process. 2,034,864; Mar. 24.
- Handforth, Stanley L., Woodbury, and A. F. Kozak, Elizabeth, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Absorption of oxides of nitrogen. 2,034,863; Mar. 24.
- Handforth, Stanley L., and J. N. Tilley, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing concentrated nitric acid. 2,046,162; June 30.
- Handke, Walter, Dunlap, Iowa. Adjustable tapered roller bearing for pitmans. 2,063,807; Dec. 8.
- Handler, Alfred A., Cleveland, Ohio, assignor to Aluminum Company of America. Manufacturing propellers. 2,044,293; June 16.
- Handler, Alfred A., Cleveland, Ohio, assignor to Aluminum Company of America. Propeller. 2,044,294; June 16.
- Handler, Alfred A., Cleveland, Ohio, assignor to Aluminum Company of America. Propeller. 2,044,295; June 16.
- Handley, George F., Glendale, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,028,280; Jan. 21.
- Handley, George F., Glendale, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,042,000; May 26.
- Handley, George F., Glendale, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,050,177; Aug. 4.
- Handley, George F., Glendale, assignor to The Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,055,290; Sept. 22.
- Handley, Hugh W., San Francisco, Calif. Springboard. 2,032,574; Mar. 3.
- Handley, John, C. and R. H. Suckling, London, England. Indicator. 2,043,511; June 9.
- Handschug, Earl C., St. Louis, Mo. Radio tube. 2,051,169; Aug. 18.
- Handschur, Henry, Winfield, N. Y. Receptacle for storing tobacco products. 2,052,826; Sept. 1.
- Handwerk, Erwin C., and G. T. Mahler, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Condensing zinc vapor. 2,048,863; July 28.
- Handwerk, Otto T. (See Spitzglass, A. F., and Handwerk.)
- Handwerk, Otto T., Chicago, Ill., assignor, by mesne assignments, to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,065,220; Dec. 22.
- Handy, Arthur E., Lynbrook, and S. G. Margeles, Brooklyn, assignors to Otis Elevator Company, New York, N. Y. Moving stairway handrail guide. 2,058,379; Oct. 20.
- Handy Governor Corporation. (See Bull, Arthur A., assignor.)
- Handy Governor Corporation. (See Darnell, R. C., and Adler, assignors.)
- Handy Governor Corporation. (See Larsen, Torleif I., assignor.)
- Handy Governor Corporation. (See Steele, Floyd H., assignor.)
- Handy & Harman. (See Leach, Robert H., assignor.)
- Handy, James O., Larchmont, N. Y. Dyeing process. 2,062,903; Dec. 1.
- Handy, Sherman T. (See Campbell, Edward, assignor.)
- Hane, Carl O. (See Lundell, J. M., and Hane.)
- Hane, Carl O., Minneapolis, Minn., assignor to Storm Manufacturing Co. Inc. Clamping device for cylinder boring machines. 2,039,715; May 5.
- Hane, Carl O., assignor to Storm Manufacturing Co., Inc., Minneapolis, Minn. Caliper attachment for cutter heads and the like. 2,043,613; June 9.
- Hane, Carl O., assignor to Storm Manufacturing Co., Inc., Minneapolis, Minn. Cutter head for boring machines. 2,043,614; June 9.
- Haney, Clifford I., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Separating substantially anhydrous solids from solutions. 2,033,985; Mar. 17.
- Haney, Lewis H., Los Angeles, Calif. Hydrocarbon engine fuel pump. 2,028,208; Jan. 21.
- Hanf, Edward M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Trimmer mechanisms for sewing machines. 2,046,945; July 7.
- Hanff, Ferdinand, Berlin-Charlottenburg, Germany, assignor to Sinfra A. G. St. Gallen (Switzerland), Glarus, Switzerland. Device for simultaneously twisting and winding knitted threads. 2,031,707; Feb. 25.
- Hanff, Ferdinand, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Upright extruding press. 2,040,653; May 12.
- Hanger, Paul E. (See Stafford, Dale A., assignor.)
- Hanique, Alfred, Paris, France. Meter for granular material. 2,038,655; Apr. 28.
- Hanitz, Hans. (See Oberhoffen, A., and Hanitz.)
- Hanke, Josef. (See Stolz, J., Hanke, Lux, and Logstädt.)
- Hanke, Milton T., assignor to M. C. Blume, Chicago, Ill. Sterilizing toothbrush receptacle. 2,027,428; Jan. 14.
- Hankins Container Company, The. (See Brooks, Paul J., assignor.)
- Hankins, Cyrus. (See Wine, W. E., and Hankins.)
- Hankins, Cyrus, Washington, D. C. Railway car. 2,043,615; June 9.
- Hankins, Cyrus, Washington, D. C. Railway car. 2,043,616; June 9.
- Hankins, Oscar R., assignor to J. W. Dreyer, Aurora, Ill. Window construction. 2,032,126; Feb. 25.
- Hanko, William B., Cleveland, Ohio. Lamp socket holder. 2,063,924; Dec. 15.
- Hanks, Austin K., Forest Hills, assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Printing telegraph projecting machine. 2,050,317; Aug. 11.
- Hanks, Frederick W., Cleveland, Ohio. Meter disk. 2,029,319; Feb. 4.
- Hanks, George R., Clinton, assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Chain dredge bucket and lip therefor. 2,035,430; Mar. 24.
- Hanks, Marshall W., and G. H. Nelson, assignors to Hanksraft Company, Madison, Wis. Liquid conductor heater. 2,061,837; Nov. 24.
- Hanks, William V., Baton Rouge, La., G. H. Freyermuth, Elizabeth, and G. Potts, Hillside, N. J., assignors to Standard Oil Development Company. Apparatus for the production of hydrogen. 2,028,326; Jan. 21.
- Hanksraft Company. (See Hanks, M. W., and Nelson, assignors.)
- Hanksraft Company. (See Nelson, George H., assignor.)
- Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company, New York, N. Y. Drafting compass. 2,045,298; June 23.
- Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company. Fountain pen. 2,059,577; Nov. 3.
- Hanley, Albert J., assignor to Respro Inc., Cranston, R. I. Material for leather substitute and other purposes. 2,029,172; Jan. 28.
- Hanley, Albert J., assignor to Respro Inc., Cranston, R. I. Material for use as leather substitute and manufacture. 2,065,892; Dec. 29.



- Hanley, Albert J., Cranston, and R. B. Respass, Wickford, assignors to Respro Inc., Cranston, R. I. Material for use as leather substitute and making same. 2,033,099; Mar. 3.
- Hanley, John J., deceased, Jamaica Plain, Mass., T. F. Haley, Boston, Mass., executor. Voltage regulating power supply apparatus. 2,033,070; Mar. 3.
- Hanley, John J., deceased, Jamaica Plain, Mass., T. F. Haley, executor, Boston, Mass. Rectifying apparatus. 2,033,071; Mar. 3.
- Hanley, Lawrence, and W. C. Anderson, Kansas City, Mo. Camera. 2,030,206; Feb. 11.
- Hanlin, Lewis A. (See Idoine, Harry, assignor.)
- Hanlon, Harry, Kettleman City, Calif. Basket fishing tool. 2,054,376; Sept. 15.
- Hanlon, Herbert J., and J. J. Hanlon, Cleveland, Ohio. Air circulating mechanism for refrigerated cases. 2,027,974; Jan. 14.
- Hanlon, James J. (See Hanlon, Herbert J., and J. J.)
- Hanlon-Waters, Inc. (See Griffey, Leon J., assignor.)
- Hanlon-Waters, Inc. (See Waters, Millard F., assignor.)
- Hann, Francis. (See Melcher, A. A., and Porter.)
- Hann, William E., Detroit, Mich., assignor to The Worth Company. Car loading device. 2,064,975; Dec. 22.
- Hanna Engineering Works. (See Hanna, John C., assignor.)
- Hanna, Ezra L., North Scituate, R. I., assignor to Davol Rubber Co. Manufacture of rubber articles. 2,051,849; Aug. 25.
- Hanna, John C., assignor to Hanna Engineering Works, Chicago, Ill. Packing ring. 2,037,976; Apr. 21.
- Hanna, Max R., Erie, Pa., assignor to General Electric Company. Safety pinion. 2,056,785; Oct. 6.
- Hanna, William M., Schenectady, N. Y., assignor to General Electric Company. Electrical protective system. 2,043,099; June 2.
- Hanna, William T., Cincinnati, Ohio. Stoker. 2,044,001; June 16.
- Hanna, William T., Cincinnati, Ohio. Stoker. 2,051,040; Aug. 18.
- Hanna, William T., Cincinnati, Ohio. Stoker construction. 2,051,850; Aug. 25.
- Hanna, William T., Cincinnati, Ohio. Stoker construction. 2,060,307; Nov. 10.
- Hanna, Wilson C. (See Dahl, L. A., and Hanna.)
- Hannabach, Adam, Pittsburgh, Pa. Heel for shoes. 2,062,572; Dec. 1.
- Hannafy, Joseph, and L. Hannafy, assignors of one-third to F. P. Bigley, Philadelphia, Pa. Vacuum gear shifting device. 2,032,844; Mar. 3.
- Hannafy, Leo. (See Hannafy, Joseph and L.)
- Hannay, David H., Chedale Hulme, Cheshire, England. Rug-making tool. 2,061,766; Nov. 24.
- Hannett, Thomas F. (See Harrison, F. H., Hannett, and Oesterle.)
- Hannewald, Burton A., and E. Ingstad, Indianapolis, Ind., assignors to Bemis Bro. Bag Co., St. Louis, Mo. Apparatus for filling bags. 2,031,708; Feb. 25.
- Hanney, Angus F., Norwood, assignor to The American Laundry Machinery Company, Norwood, Ohio. Control mechanism for garment pressing machines. 2,029,715; Feb. 4.
- Hanney, Angus F., assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine. 2,032,801; Mar. 3.
- Hanney, Angus F., Norwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Laundry marker counter. 2,036,139; Mar. 31.
- Hanney, Angus F., assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine. 2,037,784; Apr. 21.
- Hanney, Angus F., assignor to The American Laundry Machinery Company, Norwood, Ohio. Press control. 2,040,739; May 12.
- Hanney, Angus F., assignor to The American Laundry Machinery Company, Norwood, Ohio. Press control mechanism. 2,040,991; May 19.
- Hanney, Angus F., assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine. 2,041,923; May 26.
- Hanney, Angus F., Norwood, assignor to American Laundry Machinery Company, Cincinnati, Ohio. Laundry assorting mechanism. 2,045,351; June 23.
- Hanney, Angus F., Norwood, assignor to The American Laundry Machinery Company, Norwood, Ohio. Tandem control for presses. 2,045,353; June 23.
- Hanney, Angus F., Norwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Garment pressing machine. 2,046,780; July 7.
- Hanney, Angus F., Norwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Automatic control for washing machines. 2,055,254; Sept. 22.
- Hannibal Car Wheel and Foundry Company. (See Mulvihill, Daniel C., assignor.)
- Hannifin Manufacturing Co. (See Peterson, Victor W., assignor.)
- Hannon, Albert H., Springfield, Ohio. Automatic electroplating machine. 2,030,984; Feb. 18.
- Hannon, Albert H., Springfield, Ohio. Straight line electroplating machine. 2,055,745; Sept. 29.
- Hannon, Edward F., Tulsa, Okla. Apparatus for treating the large intestine. 2,027,588; Jan. 14.
- Hannum, Charles U., Glassboro, N. J. Collapsible table. 2,057,334; Oct. 13.
- Hannum, John A. (See Flood, E. D., and Hannum.)
- Hanovia Chemical and Manufacturing Company. (See Robinson, F. W., and Larsen, assignors.)
- Hanrahan, Walter, St. Louis, Mo. Liquid depth gauge. 2,043,435; June 9.
- Hanratty, Joseph A. (See Ovestrud, M., and Hanratty.)
- Hanschke, Albert, Kiel, Germany, assignor to Fried. Krupp Germania-werft Aktiengesellschaft, Kiel-Gaarden, Germany. Turbine plant. 2,061,902; Nov. 24.
- Hanschke, Albert, Kiel, assignor to Fried. Krupp Germania-werft Aktiengesellschaft, Kiel-Gaarden, Germany. Turbine plant. 2,063,094; Dec. 8.
- Hanseatische Mühlenwerke Aktiengesellschaft. (See Neiss, Oskar, assignor.)
- Hanseatische Mühlenwerke Aktiengesellschaft. (See Schwiager, Albert, assignor.)
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Keying. 2,027,038; Jan. 7.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency modulation. 2,027,975; Jan. 14.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillation generation. 2,028,833; Jan. 28.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Ultra short wave communication system. 2,028,866; Jan. 28.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Transmitting system. 2,032,208; Feb. 25.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Gas discharge tube and circuit therefor. 2,034,756; Mar. 24.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. High frequency oscillator. 2,037,897; Apr. 21.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. High frequency oscillation system. 2,037,977; Apr. 21.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Signaling system. 2,041,830; May 26.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Receiving circuits. 2,044,745; June 16.
- Hansell, Clarence W., Port Jefferson, L. I., N. Y., assignor to Radio Corporation of America. Filter. 2,048,067; July 21.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Keying. 2,053,661; Sept. 8.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. High frequency oscillator and modulation circuit. 2,059,863; Nov. 3.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Ultra high frequency oscillation circuit. 2,060,770; Nov. 10.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Keying. 2,060,988; Nov. 17.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electrical vacuum pump. 2,063,249; Dec. 8.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electrical vacuum pump. 2,063,250; Dec. 8.
- Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Superheterodyne receiver. 2,062,004; Nov. 24.
- Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Frequency changer. 2,063,248; Dec. 8.
- Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Electron tube. 2,066,037; Dec. 29.
- Hansen, A. L., Mfg. Co. (See Hansen, Augie L., assignor.)
- Hansen, Augie L., assignor to A. L. Hansen Mfg. Co., Chicago, Ill. Hinge. 2,048,380; July 21.
- Hansen, Augie L., assignor to A. L. Hansen Mfg. Co., Chicago, Ill. Stapling and tacking machine. 2,055,380; Sept. 22.
- Hansen, Bernard, Brooklyn, N. Y. Screen hanger. 2,055,348; Sept. 22.
- Hansen Canning Machinery Corporation. (See Hansen, Oswald H., assignor.)
- Hansen, Carl H., Oakland, Calif. Container. 2,027,430; Jan. 14.
- Hansen, Carl H., assignor to J. Hansen, Oakland, Calif. Packing process. 2,027,429; Jan. 14.
- Hansen, Caspar F., Oslo, and E. Meier, Skoyen, near Oslo, Norway. Manufacturing cord composed of textile threads and rubber. 2,055,821; Sept. 29.
- Hansen, Charles B. (See Howell, B., and Hansen.)
- Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Mounting for rock drills. 2,030,512; Feb. 11.
- Hansen, Christ T., Chicago, Ill., assignor to The Standard Stoker Company, Incorporated. Stoker. 2,038,428; Apr. 21.
- Hansen, Christian J., Essen-Ruhr, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Removal of hydrogen sulphide and ammonia from gases. 2,029,262; Jan. 28.



- Hansen, Donald W., Decatur, Ill., assignor, by mesne assignments, to Prolamine Products Incorporated, Dover, Del. Forming a prolamine-base flexible sheet material. 2,047,961; July 21.
- Hansen, Edmund H., Los Angeles, Calif. Volume control means for variable density sound recording. 2,041,470; May 19.
- Hansen, Edwin H., Braintree, assignor to Andrews & Goodrich, Inc., Dorchester, Mass. Method of and apparatus for treating fibrous, granular or other material in loose form. 2,044,744; June 16.
- Hansen, Elmer P., assignor of one-eighth to C. L. Mattson, and one-eighth to C. R. Mattson, Lincoln, Nebr. Spark plug. 2,038,042; Apr. 21.
- Hansen, Emil C., Media, Pa. Skim boat. 2,045,645; June 30.
- Hansen, Frederick D., and H. W. Tinker, Milwaukee, Wis., assignors, by mesne assignments, to Lyon Incorporated, Detroit, Mich. Metal cover for automobile tires. 2,051,082; Aug. 18.
- Hansen, George P., Gadsden, Ala., assignor, by mesne assignments, to The American Rolling Mill Company, Middletown, Ohio. Sheet rolling process and apparatus. 2,062,309; Dec. 1.
- Hansen, Gustaf L., assignor to National Broach & Machine Company, Detroit, Mich. Machine for testing accuracy of gears. 2,026,784; Jan. 7.
- Hansen, Harold, Madelia, Minn. T-wire staple bender. 2,036,140; Mar. 31.
- Hansen, Harvey F., Alameda, and H. J. Scholtze, Berkeley, Calif. Internal combustion engine. 2,063,374; Dec. 8.
- Hansen, Herbert V., Chicago, Ill. Valve. 2,058,868; Oct. 27.
- Hansen, Herman, New York, N. Y., assignor to Francis Keil & Son, Inc. Lock and latch construction. 2,034,655; Mar. 17.
- Hansen, John. (See Hansen, Carl H., assignor.)
- Hansen, John R., Manning, Iowa. Detachable endgate. 2,049,295; July 28.
- Hansen, Julius, Omaha, Nebr. Manufacturing ornamental blocks or panels. 2,047,583; July 14.
- Hansen, Leland H. (See Crossley, A., and Hansen.)
- Hansen, Marius H., assignor to Hanson Scale Company, Chicago, Ill. Scale. 2,039,164; Apr. 28.
- Hansen, Marius H., assignor to Hanson Scale Company, Chicago, Ill. Weighing scale. 2,053,955; Sept. 8.
- Hansen, Merrill E., assignor to American Anode Inc., Akron, Ohio. Making dyed rubber products. 2,037,898; Apr. 21.
- Hansen, Merrill E., Akron, and C. L. Beel, Cuyahoga Falls, assignors to American Anode, Inc., Akron, Ohio. Making colored rubber goods. 2,032,361; Mar. 3.
- Hansen, Morten, Los Angeles, and J. F. Pollon, Glendale, said Pollon assignor to W. G. Young, Los Angeles, Calif. Cup moving mechanism. 2,029,167; Jan. 28.
- Hansen, Morton. (See Young, W. G., Hansen, and Pollon.)
- Hansen, Ole, Menan, Idaho. Beet harvester. 2,062,711; Dec. 1.
- Hansen, Oswald H., deceased; W. H. Lieber and J. A. Thiel, executors, assignors to Hansen Canning Machinery Corporation, Cedarburg, Wis. Treating food products. 2,052,709; Sept. 1.
- Hansen Rubber Products Company et al. (See Sherwood, Charles F., assignor.)
- Hansen, Sidney H., Berkeley, Calif. Earthquake actuated shut-off valve. 2,054,563; Sept. 15.
- Hansen, Sinius M., Lynn, Mass. Oil and steam regulating valve. 2,037,978; Apr. 21.
- Hansen, Svend, assignor to Marblette Corporation, Long Island City, N. Y. Manufacturing two-colored articles. 2,062,880; Dec. 1.
- Hansen, William A., Dos Palos, Calif. Automatic shut-off for filling spouts. 2,060,570; Nov. 10.
- Hansen, William O., and Merlin L. Bowen, assignors to Universal Button Fastening & Button Company, Detroit, Mich. Attaching machine. 2,048,930; July 28.
- Hansgirg, Fritz, Radenthein, Carinthia, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Apparatus for producing substantially pure magnesium. 2,029,921; Feb. 4.
- Hansgirg, Fritz, Radenthein, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Production of metallic magnesium. 2,039,483; May 5.
- Hansgirg, Fritz, Radenthein, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Producing substantially pure magnesium. 2,045,352; June 23.
- Hansgirg, Fritz, Radenthein, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Apparatus for producing substantially pure magnesium. 2,060,070; Nov. 10.
- Hanshew, George O. (See Post, E. M., Jr., and Hanshew.)
- Hansley, Virgil L., and N. D. Scott, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resin. 2,035,314; Mar. 24.
- Hansman, John, Chicago, Ill. Simulating motion and apparatus therefor. 2,028,662; Jan. 21.
- Hansmann, Elwood, Glencoe, assignor to Stewart-Warner Corporation, Chicago, Ill. Windshield cleaner. 2,031,830; Feb. 25.
- Hanson, Arthur F., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Stretcher strain remover. 2,059,993; Nov. 3.
- Hanson, Charles W., Plainfield, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Treating metalliferous compositions of copper, tin, and lead. 2,050,319; Aug. 11.
- Hanson, Charles W., Perth Amboy, N. J., and R. A. Crites, Omaha, Nebr., assignors to American Smelting and Refining Company, New York, N. Y. Cupel furnace. 2,065,691; Dec. 29.
- Hanson, Elmer J., and J. G. Hickman, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Radiator grille. 2,033,376; Mar. 10.
- Hanson, Ernest R., Bloomfield, N. J., assignor to Halowax Corporation, New York, N. Y. Fire resistant composition. 2,028,715; Jan. 21.
- Hanson, Ernest R., Bloomfield, N. J., assignor to Halowax Corporation, New York, N. Y. Protective compositions. 2,034,656; Mar. 17.
- Hanson, Ernest R., Bloomfield, N. J., assignor to Halowax Corporation, New York, N. Y. Protective compositions. 2,066,002; Dec. 29.
- Hanson, Francis G., Los Angeles, Calif. Window fastener structure. 2,064,830; Dec. 22.
- Hanson, Gordon B., Houston, Tex., and H. C. Eddy, assignors to Petroleum Rectifying Company of California, Los Angeles, Calif. Multiple electrode treater and method. 2,033,429; Mar. 10.
- Hanson, Gustav. (See Dollase, Robert F., assignor.)
- Hanson, Helen M., Argyle, Wis., assignor to Martin Brothers Company, Minneapolis, Minn. Diaper garment. 2,028,602; Jan. 21.
- Hanson, Howard C., Spokane, Wash. Door check. 2,036,474; Apr. 7.
- Hanson, John H. and W. M., Chicago, Ill. Antisplash guard for typographical machines. 2,044,685; June 16.
- Hanson, John P., Butte, Mont. Automobile signal. 2,047,469; July 14.
- Hanson, Leonard C., Colonial Heights, Va., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Control mechanism. 2,055,764; Sept. 29.
- Hanson, Louis O., assignor of one-half to H. T. Borsheim, Waterloo, Iowa. Rotary mower. 2,038,284; Apr. 21.
- Hanson, Louis O., assignor of one-half to H. T. Borsheim, Waterloo, Iowa. Hedge trimmer. 2,041,924; May 26.
- Hanson, Malcolm P., Bethesda, Md. High frequency collecting and radiating structures. 2,044,779; June 23.
- Hanson, Martin C., Grand Rapids, Mich., assignor to Electric Sorting Machine Company. Sorting apparatus. 2,054,319; Sept. 15.
- Hanson, Martin C., assignor to Electric Sorting Machine Company, Grand Rapids, Mich. Sorting apparatus. 2,054,320; Sept. 15.
- Hanson, Miles G., Flint, Mich. Producing the alkali metals. 2,028,390; Jan. 21.
- Hanson, Milton E., Collingswood, N. J., assignor to B. F. Sturtevant Company, Inc., Hyde Park, Boston, Mass. Air conditioning system. 2,027,097; Jan. 7.
- Hanson, Milton E., Collingswood, N. J., assignor to B. F. Sturtevant Company, Inc., Hyde Park, Boston, Mass. Refrigeration apparatus. 2,027,336; Jan. 7.
- Hanson, Milton E., Collingswood, N. J., assignor to B. F. Sturtevant Company. Apparatus for drying materials applied to sheets. 2,065,070; Dec. 22.
- Hanson & Orth. (See Worden, Edward C. I., assignor.)
- Hanson, Oscar B., Westport, Conn., and R. M. Morris, Milburn, N. J., assignors to Radio Corporation of America. Single reflector type microphone. 2,049,586; Aug. 4.
- Hanson, Raymond E. (See Van Der Horst, H., and Hanson.)
- Hanson, Robert P., assignor to Electric Steel Foundry Company, Portland, Oreg. Valve. 2,060,571; Nov. 10.
- Hanson, Rodney L. (See Pagenkopf, W. H., and Hanson.)
- Hanson Scale Company. (See Hansen, Marius H., assignor.)
- Hanson, Soren S., assignor of forty percent to W. Olson, Brooklyn, N. Y. Muffler for internal combustion engines. 2,045,135; June 23.
- Hanson-Van Winkle-Munning Company. (See Hogaboom, George B., assignor.)
- Hanson-Van Winkle-Munning Company. (See Jespersen, Holger B., assignor.)
- Hanson-Van Winkle Munning Company. (See Trudeau, John F., assignor.)
- Hanson, Walter M. (See Morgan, E. B., and Hanson.)
- Hanson, William M. (See Hanson, John H. and W. M.)
- Hanssen, Ragnar Z., Moss, Norway. Holder for lip sticks or cosmetic sticks. 2,032,984; Mar. 3.
- Hansson, Erik O., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,036,694; Apr. 7.
- Hansson, Erik O. H., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,035,882; Mar. 31.
- Hantiopoulos, George, New York, N. Y. Automatic cultivator. 2,028,774; Jan. 28.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Valve for controlling flow of milk and air in milking machines. 2,030,513; Feb. 11.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The DeLaval Separator Company, New York, N. Y. Continuous milk delivery system. 2,037,467; Apr. 14.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Milking-machine pulsator. 2,039,958; May 5.



- Hapgood, Cyrus H., Nutley, N. J., assignor, by mesne assignments, to The De Laval Company, Limited, Peterboro, Ontario, Canada. Churn. 2,052,398; Aug. 25.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Milking machine. 2,055,531; Sept. 29.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Mechanism for operating milking machine valves. 2,059,340; Nov. 3.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Milk delivery registering means. 2,064,306; Dec. 15.
- Hapke, Alwin G., Chicago, Ill. Color reproduction process. 2,046,326; July 7.
- Hapke, Frank, et al. (See Naeser, Alfred, assignor.)
- Happel, Paul. (See Rosenberg, E., and Happel.)
- Haralson, Cull C., Olney, Tex., assignor to The Texas Company, New York, N. Y. Automatic shut-off valve for tanks. 2,045,909; June 30.
- Haralson, Dean K., and C. H. McMillan, Oklahoma City, Okla., said Haralson assignor to said McMillan. Slicing machine for buns, rolls, and the like. 2,046,681; July 7.
- Harbarger, Oran L., assignor of one-half to C. Sechrist, Dawson, Pa. Brake. 2,052,824; Sept. 1.
- Harbaugh, Losh O., Lawrence, Ohio. Plant promoting device. 2,051,596; Aug. 18.
- Harber, Laurence S., and J. E. Pointon, Peterborough, England, assignors to Baker Perkins Company, Inc., Saginaw, Mich. Dough divider. 2,038,733; Apr. 28.
- Harber, Laurence S., and J. E. Pointon, Peterborough, England, assignors, by mesne assignments, to Baker Perkins Company, Incorporated, Saginaw, Mich. Manufacture of bread. 2,045,228; June 23.
- Harbert, Chester A., Jennings, La. Reducing machine. 2,065,455; Dec. 22.
- Harbert, Victor H., assignor to Illinois Railway Equipment Company, Chicago, Ill. Draft key retainer locking means. 2,029,868; Feb. 4.
- Harbert, Victor H., assignor to Illinois Railway Equipment Company, Chicago, Ill. Locking means for draft key retainers. 2,035,883; Mar. 31.
- Harbert, Victor H., assignor to Illinois Railway Equipment Company, Chicago, Ill. Brake beam strut bushing. 2,047,732; July 14.
- Harbert, Victor H., assignor to Illinois Railway Equipment Company, Chicago, Ill. Locking means for retainers of draft keys. 2,056,269; Oct. 6.
- Harbert, Victor H., assignor to Illinois Railway Equipment Company, Chicago, Ill. Hatch cover controlling and sealing device. 2,056,270; Oct. 6.
- Harbison, Clarence B., assignor to The Ohio Steel Foundry Company, Lima, Ohio. Return bend fitting. 2,043,436; June 9.
- Harbison-Walker Refractories Company. (See Harvey, F. A., and McDowell, assignors.)
- Harbison-Walker Refractories Company. (See Hendryx, Dwight B., assignor.)
- Harbo, Alf F., St. Cloud, Minn. Device for teaching music reading. 2,063,501; Dec. 8.
- Harbordt, Carl G., Kansas City, Mo. Refrigerating method and apparatus. 2,056,786; Oct. 6.
- Harby, Cyril I., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Folder. 2,052,623; Sept. 1.
- Harcourt, George T., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Power control apparatus. 2,052,976; Sept. 1.
- Hard, Merrill W. (See Corcoran T. D., and Hard.)
- Hard, Merrill W., Los Angeles, Calif. Tile supporting strip. 2,058,148; Oct. 20.
- Hard, Merrill W., Los Angeles, and C. Peterson, Pasadena, Calif., assignors to Tyle-Tye, Incorporated, Ltd. Brake mechanism. 2,048,931; July 28.
- Hard, Merrill W., Glendale, and C. Peterson, Pasadena, Calif., assignors to Tyle Tye, Incorporated, Ltd. Brake. 2,057,824; Oct. 20.
- Hardcastle, William A., and J. C. Minter, St. Louis, Mo. Train control system. 2,053,870; Sept. 8.
- Hardenbrook, Charles E., Jr., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon sheet materials. 2,059,344; Nov. 3.
- Harder, Arthur J., Chicago, Ill. Threshing machine. 2,040,605; May 12.
- Harder, Edwin L. (See Rubel, M. J., and Harder.)
- Harder, Frank, et al. (See Hyde, E. C., Jr., and Renfro, assignors.)
- Harder, Joseph W., assignor of two-fifths to Philip H. Marsh, Sioux City, Iowa. Drain cleaning device. 2,039,792; May 5.
- Harder, Max, Oppau, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Maine, Germany. Recovery of fatty acids from oxidation products. 2,059,232; Nov. 3.
- Harder, William H., Chicago, Ill., assignor of one-half to L. Griffin, Jackson, Mich. Automobile signal. 2,046,377; July 7.
- Hardesty, Shortridge. (See Brown, T. E., Jr., and Hardesty.)
- Hardgrove, Ralph M. (See Bailey, E. G., Cassidy, and Hardgrove.)
- Hardgrove, Ralph M., Bethlehem, assignor to Fuller Lehigh Company, Fullerton, Pa. Feed control for mills. 2,030,448; Feb. 11.
- Hardgrove, Ralph M., Westfield, N. J., assignor to Fuller Lehigh Company, New York, N. Y. Burner. 2,044,296; June 16.
- Hardgrove, Ralph M., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Fuel burner. 2,055,722; Sept. 29.
- Hardie, Harry, assignor to The Faultless Manufacturing Company, Baltimore, Md. Band for garments. 2,043,538; June 9.
- Hardie, Harry, assignor to The Faultless Manufacturing Company, Baltimore, Md. Hosiery. 2,049,803; Aug. 4.
- Hardie, Harry, assignor to The Faultless Manufacturing Company, Baltimore, Md. Band for wearing apparel. 2,065,936; Dec. 29.
- Hardie, Harry, and J. F. Hargreaves, assignors to The Faultless Manufacturing Company, Baltimore, Md. Belt for garments. 2,059,103; Oct. 27.
- Hardiek, William, assignor, by mesne assignments, to The Davison Chemical Corporation, Baltimore, Md. Purifying sulphuric acid. 2,038,078; Apr. 21.
- Hardigg, William B., Washington, D. C. Explosive charge container and making same. 2,044,780; June 23.
- Hardiman, Frank M. (See Darrah, C. W., and Hardiman.)
- Hardiman, Frank M., and L. P. Saunders, Lockport, N. Y., assignors to General Motors Corporation, Detroit, Mich. Heat exchanger. 2,063,736; Dec. 8.
- Hardin, Richard F. (See Young, F., and Hardin.)
- Hardin, Robert H., Bakersfield, Calif. Air cooling device. 2,031,534; Feb. 18.
- Harding, Charles K., deceased, Chicago, Ill., M. T. Harding, administratrix. Light weight concrete and ceramic aggregate therefor. 2,046,071; June 30.
- Harding Engineering Company. (See Wright, Wallace C., assignor.)
- Harding, John W., Brockway, Pa. Glass feeding device. 2,031,413; Feb. 18.
- Harding, Mabel T., administratrix. (See Harding, Charles K.)
- Harding, Robert, Jr., Elmsford, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Device for creating an illusion. 2,030,919; Feb. 18.
- Harding, Robert, Jr., Elmsford, N. Y., assignor to National Television Corporation, Wilmington, Del. Television transmitting apparatus. 2,043,245; June 9.
- Harding, Samuel R., Aberdeen, S. Dak. Educational test checking machine. 2,030,207; Feb. 11.
- Harding, Samuel R., Aberdeen, S. Dak. Counter actuating means for educational test checking machines. 2,041,758; May 26.
- Harding, Samuel R., Aberdeen, S. Dak. Educational test checking device. 2,060,308; Nov. 10.
- Harding, Wilbur T., Dayton, Ohio. Lamp focusing sight. 2,041,707; May 26.
- Harding, William E., Indianapolis, Ind. Universal telephone repeater. 2,046,119; June 30.
- Harding, William H., Flushing, N. Y., and A. W. Montgomery, Cedartown, Ga., assignors to American Cyanamid & Chemical Corporation, New York, N. Y. Rosin sizing and making the same. 2,027,166; Jan. 7.
- Harding, William R. (See Brown, J. L., and Harding.)
- Harding, William R., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Arc welding system. 2,057,521; Oct. 13.
- Hardinge Company, Inc. (See Hardinge, H., and Russell, assignors.)
- Hardinge, Franklin, Chicago, Ill. Oil purifying system. 2,049,498; Aug. 4.
- Hardinge, Harlowe, and R. J. Russell, assignors to Hardinge Company, Incorporated, York, Pa. Classifier. 2,047,202; July 14.
- Hardison, Betty, administratrix. (See Hardison, Charles J.)
- Hardison, Charles J., deceased, St. Petersburg, by B. Hardison, administratrix, assignor of fifty-one per cent to M. D. Moody, Jacksonville, Fla. Thermal switch. 2,045,948; June 30.
- Hardman, Albert F., assignor, by mesne assignments, to The Kelly-Springfield Tire Company, Cumberland, Md. Accelerators of vulcanization. 2,042,047; May 26.
- Hardman, Albert F., assignor, by mesne assignments, to The Kelly-Springfield Tire Company, Cumberland, Md. Accelerator of vulcanization. 2,042,048; May 26.
- Hardman, Peck & Company. (See Colwin, M. B., and Sauerland, assignors.)
- Hardman, William H. (See Girvin, F., and Hardman.)
- Hardt, Gustav, Elizabethton, Tenn., assignor to American Bemberg Corporation, New York, N. Y. Manufacture of artificial silk. 2,040,606; May 12.
- Hardwick, Christopher L., Cleveland, Tenn. Making burners. 2,046,682; July 7.
- Hardy, Aaron Y., Denver, Colo. Bridge practice and instruction board. 2,038,734; Apr. 28.
- Hardy, Charles, Pelham, assignor to Hardy Metallurgical Company, New York, N. Y. Powder metallurgy. 2,027,532; Jan. 14.
- Hardy, Charles, Pelham, N. Y., assignor to Hardy Metallurgical Company. Making electrical conductors. 2,053,662; Sept. 8.
- Hardy, Charles, Pelham Manor, N. Y., assignor to Hardy Metallurgical Company. Powder metallurgy. 2,033,240; Mar. 10.
- Hardy, Charles, Pelham Manor, N. Y., assignor to Hardy Metallurgical Company. Making alloys. 2,036,576; Apr. 7.



- Hardy, Clarence L., and R. C. Anderson, assignors to Buckeye Iron and Brass Works, Dayton, Ohio. Valve. 2,055,232; Sept. 22.
- Hardy, Earl T., Portland, Oreg. Weed puller. 2,027,773; Jan. 14.
- Hardy, Elbert C., Manistee, Mich., assignor to Morton Salt Company, Chicago, Ill. Filter. 2,042,308; May 26.
- Hardy, Fred E., Jr., Ironton, Ohio. Cover structure. 2,052,465; Aug. 25.
- Hardy, Glennon. (See Jenkinnes, R. L., and Hardy.)
- Hardy, James H., assignor to Precision Air Gauge Company, Columbus, Miss. Air delivery device. 2,049,392; July 28.
- Hardy, John F. (See Ballard, M. H., Bunker, Finn, Hardy, Seely, and Thomas.)
- Hardy, John I., Washington, D. C. Device for rapidly making cross-sections of fibers. 2,048,335; July 21.
- Hardy, Maurice E., Pelham, N. Y., assignor to Aeolian-Skinner Organ Company, Inc., Dorchester, Mass. Organ. 2,035,806; Mar. 31.
- Hardy Metallurgical Company. (See Hardy, Charles, assignor.)
- Hardy, Steven, Corona, N. Y. Cushioning device for violins. 2,057,825; Oct. 20.
- Hardy, Sydney T. C., Gladsville, Sydney, Australia, assignor to Sun Newspapers Limited, Sydney, New South Wales, Australia. Rotary printing press. 2,029,565; Feb. 4.
- Hardy, Wilbert E., Crafton, assignor to The McKay Company, Pittsburgh, Pa. Folding table. 2,053,789; Sept. 8.
- Hare, George, St. Petersburg, Fla. Hand meat block planer. 2,059,945; Nov. 3.
- Harford, Charles G., Wollaston, assignor to A. D. Little, Incorporated, Cambridge, Mass. Making chlorhydrin esters. 2,054,814; Sept. 22.
- Harford, Edward F., assignor to Du Pont Viscoloid Company, Wilmington, Del. Diaphragm for electrical reproduction of sound. 2,044,608; June 16.
- Harger, Donald K., Hermosa Beach, assignor to Standard Oil Company of California, San Francisco, Calif. Manufacture of green bloom lubricating oils. 2,051,255; Aug. 18.
- Harger, Rolla N., Indianapolis, Ind. Apparatus for and process of readily determining alcohol concentrations in live animals and solutions. 2,062,785; Dec. 1.
- Hargrave, James W., Mertzon, Tex. Handle connector. 2,039,899; May 5.
- Hargrave, James W., Mertzon, Tex. Handle connector. 2,039,900; May 5.
- Hargraves, Robert E. (See McCulloch, A., and Hargraves.)
- Hargraves, William B. (See Walker, Albert O., assignor.)
- Hargraves, Winifred E., administratrix. (See McCulloch, A., and Hargraves.)
- Hargreaves, John F. (See Hardie, H., and Hargreaves.)
- Hargreaves, William, Timperley, England. Pricking or aerating implement. 2,042,597; June 2.
- Hargrove, George C., Westfield, assignor, by mesne assignments, to Gasoline Products Company, Inc., Newark, N. J. Cracking system. 2,036,965; Apr. 7.
- Hargy, Sr., Harry E., Sycamore Township, Hamilton County, Ohio. Buffing wheel. 2,061,940; Nov. 24.
- Haring, Horace E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Storage battery. 2,042,840; June 2.
- Haring, Ivan P., Houston, assignor of two-thirds to T. L. Cummings, Harris County, Tex. Internal combustion motor. 2,047,928; July 14.
- Harkness, Andrew M. (See Fowler, T. V., Jr., Harkness, Merriam, and Carter.)
- Harkness, Andrew M., Nyack, assignor to General Chemical Company, New York, N. Y. Sulphur vaporizer. 2,046,818; July 7.
- Harkness, Andrew M., Nyack, and C. Iddings, Kew Gardens, assignors to General Chemical Company, New York, N. Y. Apparatus for the purification of carbon bisulphide. 2,037,468; Apr. 14.
- Harless, Charles A., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Folding machine. 2,037,469; Apr. 14.
- Harless, Charles A., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Mechanism for finishing stereotype plates. 2,055,349; Sept. 22.
- Harley, Lee M., Brooklyn, N. Y., assignor to James H. Matthews & Company. Rubber die. 2,040,377; May 12.
- Harley, Stanley J., Stivichall, Coventry, England. Slide bearing. 2,045,464; June 23.
- Harley, Stanley J., Stivichall, Coventry, England. Slide bearing. 2,047,868; July 14.
- Harley, Stanley J., Stivichall, Coventry, England. Grinding machine. 2,047,869; July 14.
- Harley, Stanley J., Stivichall, Coventry, England. Electric motor control. 2,060,437; Nov. 10.
- Harley, Stanley J., Stivichall, Coventry, England. Grinding machine. 2,060,438; Nov. 10.
- Harley, Thomas J., Chicago, Ill. Magneto rotor. 2,059,518; Nov. 3.
- Harm, George O., assignor to M. L. Harm, Warren, Ohio. Clock. 2,065,491; Dec. 22.
- Harm, Marjorie L. (See Harm, George O., assignor.)
- Harmer, Paul R., Los Angeles, Calif. Bifocal distance sound concentrator. 2,033,337; Mar. 10.
- Harmon, Arthur R., et al. (See Schulz, E. Fred, assignor.)
- Harmon, Kenneth A., and R. W. Crocker, assignors to Wico Electric Company, West Springfield, Mass. Magneto. 2,043,042; June 2.
- Harmon, Kenneth A., and T. G. Louis, assignors to Wico Electric Company, West Springfield, Mass. Ignition apparatus. 2,054,461; Sept. 15.
- Harmon, Kenneth A., and T. G. Louis, assignors to Wico Electric Company, West Springfield, Mass. Ignition apparatus. 2,054,462; Sept. 15.
- Harmon, Lloyd J., assignor to O. Mikkelsen, Brooklyn, N. Y. Self-starter for outboard motors. 2,042,841; June 2.
- Harmon, Walter S. (See Nichols, H. J., Forbes, Harmon, and Loftis.)
- Harmon, Walter S., Chicago, Ill., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Antenna circuit. 2,062,414; Dec. 1.
- Harmon, Wayne A. S., assignor, by mesne assignments, to California Orchard Heater Company, Los Angeles, Calif. Orchard heater. 2,028,327; Jan. 21.
- Harmon, Wayne A. S., Los Angeles, Calif., assignor, by mesne assignments, to G. C. Peckham. Process and apparatus for cracking hydrocarbons. 2,061,836; Nov. 24.
- Harms, Gunther, Keene, N. Dak. Belt guide. 2,057,571; Oct. 13.
- Harner, Harold R., and M. F. Chubb, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Storage battery electrode. 2,035,315; Mar. 24.
- Harnett, Daniel E. (See Wheeler, H. A., and Harnett.)
- Harnett, Daniel E., Tuckahoe, N. Y., assignor to Hazeltine Corporation. Superheterodyne receiver. 2,038,358; Apr. 21.
- Harnett, Daniel E., Tuckahoe, N. Y., assignor to Hazeltine Corporation. Control system. 2,038,359; Apr. 21.
- Harnett, Daniel E., Tuckahoe, N. Y., assignor to Hazeltine Corporation. High frequency coupling system. 2,045,910; June 30.
- Harnischfeger Corporation. (See Andersen, Nils P. E., assignor.)
- Harnischfeger Corporation. (See Harnischfeger, Henry, assignor.)
- Harnischfeger Corporation. (See Henricks, Arthur G., assignor.)
- Harnischfeger Corporation. (See Wadd, Roy J., assignor.)
- Harnischfeger, Henry, assignor to Harnischfeger Corporation, Milwaukee, Wis. Garage. 2,028,391; Jan. 21.
- Harnly, David H., Chicago, Ill. Retainer for weather strip. 2,040,133; May 12.
- Harold, John J., assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Ink fountain for printing presses. 2,039,992; May 5.
- Harp, Franklin H., assignor to Frank E. Best Inc., Seattle, Wash. Door drill jig. 2,033,072; Mar. 3.
- Harper, Clarence S., San Diego, Calif. Reinforced monolith building construction. 2,064,910; Dec. 22.
- Harper, Elmer E., Kansas City, Mo. Lime slaking apparatus. 2,033,194; Mar. 10.
- Harper, Elmer E., Kansas City, Mo. Material feeding and measuring apparatus. 2,041,604; May 19.
- Harper, Joseph W. (See Frank, W. H., and Harper.)
- Harper, Percy S., Croydon, England. Coin-freed machine. 2,053,828; Sept. 8.
- Harper, Philip S., Chicago, Ill. Gas range burner and lighter. 2,032,877; Mar. 3.
- Harper, Philip S., Chicago, Ill. Lighter. 2,054,250; Sept. 15.
- Harper, Walter D., Florence, S. C. Electrical thermostat. 2,049,562; Aug. 4.
- Harper, William, Jr., Port Washington, N. Y., assignor to H. B. Motor Corporation. Combustion engine. 2,041,708; May 26.
- Harper, William, Jr., Port Washington, N. Y., assignor to H. B. Motor Corporation. Combustion engine. 2,041,709; May 26.
- Harper, William A. (See Frank, H. J. L., and Harper.)
- Harper, William A. (See Frank, H. J. L., Harper, and Messing.)
- Harper, William A. (See Frank, H. J. L., Messing, and Harper.)
- Harper, William E., Chicago, Ill. Dental matrix holder. 2,043,999; June 16.
- Harper, William W. (See Dodd, L. E., and Harper.)
- Harpster, Clyde C., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Oscillating toaster. 2,042,226; May 26.
- Harrah, Clayton C., assignor to National Standard Company, Niles, Mich. Air cleaner. 2,037,164; Apr. 14.
- Harrah, Herschel, Indianapolis, Ind., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Automatic control valve. 2,059,104; Oct. 27.
- Harrall, Edwin R., Englewood, and R. D. Parrott, West New York, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Deflection dynamometer. 2,043,953; June 9.
- Harrall, Edwin R., Englewood, N. J., and J. P. Reis, Hempstead, N. Y., assignors to The Western Union Telegraph Company, New York, N. Y. Chuck or coupling. 2,066,276; Dec. 29.
- Harran, Eric R., Chorlton-cum-Hardy, England. Manufacture of composite slabs, blocks, or tiles. 2,047,584; July 14.
- Harrar, Ellwood S. (See Stubblefield, B. M., Thomas, and Harrar.)
- Harred, George H. (See Maynard, A. H., and Harred.)



- Harrell, Thomas J., and C. W. McMath, assignors to Traders Oil Mill Company, Fort Worth, Tex. Treatment or conditioning of cottonseed meats and pressing oil from same. 2,064,158; Dec. 15.
- Harrie, Frank F., Jeannette, Pa. Game play indicator. 2,064,745; Dec. 15.
- Harries, John H. O., Frinton-on-Sea, England. Television method and apparatus. 2,037,577; Apr. 14.
- Harries, John H. O., Frinton-on-Sea, England. Electric discharge tube. 2,038,360; Apr. 21.
- Harries, John H. O., Frinton-on-the-Sea, England. Producing and controlling a space discharge. 2,045,525; June 23.
- Harries, John H. O., Frinton-on-the-Sea, England. Multi-electrode tube apparatus. 2,045,526; June 23.
- Harries, John H. O., Frinton-on-Sea, England. Electron discharge tube. 2,045,527; June 23.
- Harrigan, Floyd T., Hobart, Ind. Lawn mower attachment. 2,031,038; Feb. 18.
- Harriman, Charles E., West Bridgewater, assignor to Jones & Vining, Inc., Brockton, Mass. Shoe form. 2,053,241; Sept. 1.
- Harriman, Charles E., West Bridgewater, and E. C. Robinson, Brookville, assignors to Jones & Vining, Inc., Brockton, Mass. Remodeling lasts. 2,033,895; Mar. 10.
- Harriman, Walter S. (See Coffman, Samuel M., assignor.)
- Harriman, William L., Oklahoma City, Okla., assignor of one-fourth to E. R. Morgan, one-fourth to A. J. Adams, both of Wichita, Kans., one-fourth to J. F. Compton, Allenville, Ala., one-fourth to M. B. Schofield, Oklahoma City, Okla. Machine for manufacturing stationery. 2,060,309; Nov. 10.
- Harrington, Edward A., trustee. (See Thomas, Victor W.)
- Harrington, Edward Le R., assignor to Blaw-Knox Company, Pittsburgh, Pa. Apparatus for depositing material under water. 2,046,120; June 30.
- Harrington, George G. (See Childs, W. L., and Harrington.)
- Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Roller bit. 2,032,575; Mar. 3.
- Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Drill bit. 2,046,739; July 7.
- Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Drill bit. 2,056,319; Oct. 6.
- Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Roller bit. 2,056,320; Oct. 6.
- Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Drill bit. 2,057,026; Oct. 13.
- Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Cutter mounting. 2,060,989; Nov. 17.
- Harrington, George R. (See Goode, G. C., Miller, and Harrington.)
- Harrington, James R., Oak Park, Ill., assignor, by mesne assignments, to Howe Manufacturing Company, Wilmington, Del. Transmitter for signal systems. 2,036,330; Apr. 7.
- Harrington, James V., et al. (See Harrington, John W., assignor.)
- Harrington, John W., assignor of one-tenth to W. H. L. Watts, one-tenth to W. I. Potter, and fifteen per cent to J. V. Harrington, Kansas City, Mo. Electrical display system. 2,057,660; Oct. 20.
- Harrington, Joseph, Riverside, Ill. Drying and destroying municipal wastes. 2,057,681; Oct. 20.
- Harrington, Joseph, Riverside, Ill. Method and apparatus for treating moisture-containing substances. 2,062,025; Nov. 24.
- Harrington, Joseph, Jr., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of soles for shoes. 2,065,692; Dec. 29.
- Harrington, Richards H., Schenectady, N. Y., assignor to General Electric Company. Hardening cobalt steel. 2,043,533; June 9.
- Harrington, Richards H., Schenectady, N. Y., assignor to General Electric Company. Copper alloy. 2,048,549; July 21.
- Harrington & Richardson Arms Company. (See Rice, Rienzi, assignor.)
- Harrington, Roland P., Washington, D. C. Trolling cradle. 2,030,000; Feb. 4.
- Harrington, Shirley, et al. (See Jaques, Fernando O., assignor.)
- Harrington, William B., Milan, Ind. Extensible table. 2,031,649; Feb. 25.
- Harris Air Conditioner Corporation. (See Harris, Gordon D., assignor.)
- Harris, Arthur W., Toledo, Ohio, assignor to General Motors Corporation, Detroit, Mich. Bearing mounting. 2,051,704; Aug. 18.
- Harris, Artie B., Kansas City, Mo. Shearing device. 2,026,630; Jan. 7.
- Harris, Benjamin R., et al. (See Cahn, F. J., assignor, and Epstein.)
- Harris, Benjamin R. (See Epstein, A. K., and Harris.)
- Harris, Benjamin R., et al. (See Joffe, Morris H., assignor.)
- Harris, Benjamin R., Chicago, Ill. Phosphoric acid esters of fatty acid monoglycerides. 2,026,785; Jan. 7.
- Harris, Benjamin R., Chicago, Ill. Confection. 2,027,167; Jan. 7.
- Harris, Benjamin R., Chicago, Ill. Sulphonated higher unsaturated carboxylic esters of polyhydroxy substances. 2,029,168; Jan. 28.
- Harris, Benjamin R., Chicago, Ill. Emulsion. 2,052,025; Aug. 25.
- Harris, Benjamin R., Chicago, Ill. Emulsion. 2,052,026; Aug. 25.
- Harris, Benjamin R., Chicago, Ill. Branched chain octyl sulphate. 2,052,027; Aug. 25.
- Harris, Benjamin R., Chicago, Ill. Phosphoric acid esters. 2,052,029; Aug. 25.
- Harris, Benjamin R., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Treatment of cheese. 2,065,182; Dec. 22.
- Harris, Benjamin R., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Processed cheese and preparing the same. 2,065,183; Dec. 22.
- Harris, Benjamin R., and M. C. Reynolds, Chicago, Ill. Egg product. 2,026,631; Jan. 7.
- Harris, Benjamin R., and M. C. Reynolds, Chicago, Ill. Egg material. 2,039,409; May 5.
- Harris, Benjamin R., and M. C. Reynolds, Chicago, Ill. Egg pocket. 2,052,028; Aug. 25.
- Harris, Carl C., Orange, Mass. Slidable clip. 2,039,410; May 5.
- Harris, Creath N., Fort Worth, Tex. Two-way valve gate. 2,035,747; Mar. 31.
- Harris, Elmer M., San Diego, Calif. Closed car wind deflector. 2,030,866; Feb. 18.
- Harris, Ferris S., Houston, Tex. Fishing rod. 2,034,901; Mar. 24.
- Harris, Ford, Jr., assignor to Big Rock Ranch Company, Los Angeles, Calif. Side-loading hearse. 2,057,826; Oct. 20.
- Harris, Frank W. (See Tainton, U. C., and Harris.)
- Harris, Frederick D., Miami, Fla. Keyboard cam. 2,030,789; Feb. 11.
- Harris, Garnett M., Birmingham, Ala. Blast furnace hearth and bosh. 2,052,928; Sept. 1.
- Harris, George M. (See Phillips, C., and Harris.)
- Harris, Gordon D., Freeport, assignor, by mesne assignments, to Harris Air Conditioner Corporation, New York, N. Y. Air conditioner. 2,048,694; July 28.
- Harris, Harry T., Detroit, Mich. Jar opener and sealer. 2,046,683; July 7.
- Harris, Henry H., Boston, Mass. Carburizing box. 2,034,181; Mar. 17.
- Harris, Henry H., Boston, Mass. Carburizing box. 2,034,182; Mar. 17.
- Harris, Henry H., Boston, Mass. Carburizing box. 2,034,183; Mar. 17.
- Harris, Henry H., Champaign, Ill. Link belt. 2,045,646; June 30.
- Harris, Henry H., Newark, N. J. Automobile lifting jack. 2,048,264; July 21.
- Harris, Henry J., West Point, Va., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Shielding. 2,036,045; Mar. 31.
- Harris, Irving C., Milwaukee, Wis., and H. W. Doubrava, Beverly Hills, Calif. Apparatus for pumping wells. 2,063,925; Dec. 15.
- Harris, James C., Jr., Baltimore, Md. Method of and apparatus for producing vapor saturation. 2,042,991; June 2.
- Harris, John McA., Jr. (See Watts, R. N., and Harris.)
- Harris, John P., Wilmette, Ill., assignor to Industrial Chemical Sales Company, Inc., New York, N. Y. Rendering process. 2,035,126; Mar. 24.
- Harris, Joseph, Caruaru, Brazil. Machine for ginning and cleaning cotton. 2,064,602; Dec. 15.
- Harris, Joseph D., assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Overflow means for radiators. 2,051,705; Aug. 18.
- Harris, Leonard B., Bayside, assignor to International Oil-Gas Corporation, New York, N. Y. Oil gas generating apparatus. 2,029,774; Feb. 4.
- Harris, Lewis E., Lincoln, Nebr., assignor to Norden Laboratories. Therapeutic preparation. 2,043,211; June 2.
- Harris, Louis A., Takoma Park, Md. Brake for fishing reels. 2,059,519; Nov. 3.
- Harris, Maynard L., Overbrook Hills, Pa. Fruit, berry, and vegetable box. 2,054,785; Sept. 15.
- Harris, Odessa M., Los Angeles, Calif. Safety appliance for bathtubs. 2,059,171; Oct. 27.
- Harris, P. S. (See Hoeck, Frederick T., assignor.)
- Harris, Raymond P., assignor of one-half to F. L. Hodges, Roanoke, Va. Sanitary milk protector. 2,057,946; Oct. 20.
- Harris, Richard G., Knoxville, Tenn. Safety headlight reflector. 2,036,937; Apr. 7.
- Harris, Samuel D., Detroit, Mich. Container. 2,040,483; May 12.
- Harris-Seybold-Potter Company. (See Kaddeland, Christen R., assignor.)
- Harris Seybold Potter Company. (See Lewis, H. I., and Seybold, assignors.)
- Harris-Seybold-Potter Company. (See Seybold, F. W., and Lewis, assignors.)
- Harris, Sidney E. (See Christiansen, W. G., and Harris.)
- Harris, Thompson, Lexington, Ky. Air conditioner for bathrooms. 2,047,067; July 7.
- Harris, Vernon J., Cleveland, Ohio., assignor to Joseph Weidenhoff, Inc., Chicago, Ill. Lubricating device. 2,051,706; Aug. 18.
- Harris, Walter B., Bayside, Long Island City, N. Y. Oil gas generator. 2,056,606; Oct. 6.



- Harris, Walter C., Erie, Pa., assignor to General Electric Company. Automatic change speed gearing. 2,056,050; Sept. 29.
- Harris, Warren B., Millbury, Mass. Flexible connection. 2,040,992; May 19.
- Harris, Wilford, assignor of one-third to W. Anderson, Armorer, Ark. Hay baler. 2,050,947; Aug. 11.
- Harris, William A., Belleville, N. J., assignor to Radio Corporation of America. Frequency converter. 2,033,986; Mar. 17.
- Harris, William A., Belleville, N. J., assignor to Radio Corporation of America. Parallel push-pull converter circuits. 2,038,285; Apr. 21.
- Harris, William A., Greenville, S. C. Tire inflating and deflating apparatus. 2,062,220; Nov. 24.
- Harris, William F., Santa Monica, Calif. Combined milk can and bottle opener. 2,049,116; July 28.
- Harris, William R., and H. D. Reese, Detroit, Mich., assignors to Intertype Corporation, Brooklyn, N. Y. Automatic quadding and centering device. 2,039,993; May 5.
- Harris, William W., assignor to Continental Motors Corporation, Detroit, Mich. Clutch. 2,031,311; Feb. 18.
- Harris, William W., assignor to Chrysler Corporation, Detroit, Mich. Vehicle wheel suspension. 2,065,071; Dec. 22.
- Harrisburg Steel Corporation. (See Strong, Eldred J., assignor.)
- Harrison, Benjamin F., Glens Ferry, Idaho, assignor to The Standard Stoker Company, Incorporated. Multiple underfeed stoker. 2,029,296; Feb. 4.
- Harrison, Charles A., Lockport, assignor to Anaconda Copper Mining Company, New York, N. Y. Method of electroplating metal. 2,044,431; June 16.
- Harrison, Charles H., London, England. Motor car, particularly those used for amusement purposes. 2,051,375; Aug. 18.
- Harrison, Charles W. (See Berry, L., and Harrison.)
- Harrison, Clarence A., assignor of one-third to A. Bailey, Blytheville, Ark. Egg tester. 2,037,899; Apr. 21.
- Harrison, Edward C. (See Harrison, William H., and E. C.)
- Harrison, Everett H., assignor to Fred Mankoff, Wichita, Kans. Cream salvaging and utensil cleansing apparatus. 2,035,868; Mar. 24.
- Harrison, Frank, Baintree, England. Cone for use in wireless loudspeakers, telephones, and the like. 2,030,001; Feb. 4.
- Harrison, Frank H., Chicago, T. F. Hannett, Berwyn, and K. Oesterle, Chicago, Ill., assignors to International Harvester Company. Assembly fixture for mower bars. 2,054,540; Sept. 15.
- Harrison, Geoffrey B., assignor to Ilford Limited, Ilford, England. Controlling the printing exposure in the production of positive cinematograph films. 2,052,624; Sept. 1.
- Harrison, Geoffrey B., assignor to Ilford Limited, Ilford, England. Production of copies from multi-color screen cinematograph films. 2,052,625; Sept. 1.
- Harrison, George W. N. (See Pescod, R. F., Hornsby, and Harrison.)
- Harrison, Gertrude A. (See Harrison, James A., assignor.)
- Harrison, Gertrude A., Cleveland, Ohio. Audible signal device. 2,064,603; Dec. 15.
- Harrison, Henry, Conshohocken, Pa. Display device. 2,052,877; Sept. 1.
- Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibration translating device. 2,027,168; Jan. 7.
- Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibration translating device. 2,027,169; Jan. 7.
- Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibration damping device. 2,031,948; Feb. 25.
- Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phonograph reproducer. 2,033,284; Mar. 10.
- Harrison, Henry C., Port Washington, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phonograph. 2,035,473; Mar. 31.
- Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Constant speed drive. 2,047,733; July 14.
- Harrison, Henry C., Port Washington, and A. C. Keller, Mount Vernon, N. Y., and C. E. Pollard, Hohokus, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibration translating device. 2,037,165; Apr. 14.
- Harrison, Henry C., Port Washington, and A. C. Keller, Mount Vernon, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Support for vibration translating devices. 2,038,216; Apr. 21.
- Harrison, Horace L., New York, N. Y. Drum or like device. 2,032,747; Mar. 3.
- Harrison, Horace L., New York, N. Y. Machine for treating pipe and pipe lines. 2,041,337; May 19.
- Harrison, Jackson W. (See Anspach, R. J., and Harrison.)
- Harrison, James A., assignor to G. A. Harrison, Detroit, Mich. Building construction. 2,051,707; Aug. 18.
- Harrison, James W., and T. B. Prickett, Woodbury, N. J., assignors to Houdry Process Corporation, Dover, Del. Control of catalytic reactions. 2,031,600; Feb. 25.
- Harrison, Laurence E., Los Angeles, assignor to IO-Dow Chemical Company, Inc., Long Beach, Calif. Recovering iodine from brines. 2,036,214; Apr. 7.
- Harrison, Laurence S., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Time indicating device. 2,036,046; Mar. 31.
- Harrison, Laurence S., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Electric control system for clocks. 2,053,077; Sept. 1.
- Harrison, Lloyd, United States Navy. Beam testing device. 2,058,444; Oct. 27.
- Harrison, Marion M., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making elastic thread and reticulated sheets of rubber or similar material. 2,030,208; Feb. 11.
- Harrison, Marion M., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Extensible elastic article. 2,041,760; May 26.
- Harrison, Paul E., Dover, N. H. Continuous rayon spinning and processing machine. 2,041,338; May 19.
- Harrison, Paul E., Dover, N. H., assignor to Du Pont Rayon Company, New York, N. Y. Process and apparatus for production of artificial thread. 2,045,708; June 30.
- Harrison, Paul E., Nashville, Tenn., assignor to Du Pont Rayon Company, New York, N. Y. Processing artificial thread. 2,043,750; June 9.
- Harrison Radiator Corporation. (See Maxwell, Daniel S., assignor.)
- Harrison, Robert E. W., and C. W. Hopkins, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Machine tool. 2,042,257; May 26.
- Harrison, Robert E. W., and C. W. Hopkins, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Automatic sizing mechanism. 2,049,611; Aug. 4.
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 2,052,764; Sept. 1.
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Potentiometer. 2,065,805; Dec. 29.
- Harrison, Thomas R., assignor to The Brown Instrument Company, Philadelphia, Pa. Automatic control system. 2,058,585; Oct. 27.
- Harrison, Thomas R., Wyncote, E. H. Grauel, Conshohocken, and J. E. Kessler, assignors to The Brown Instrument Company, Philadelphia, Pa. Instrument terminal construction. 2,058,078; Oct. 20.
- Harrison, Vernon C. J., Timperley, England, assignor to Linotype and Machinery Limited, London, England. Assembling mechanism of typographical composing machines. 2,035,807; Mar. 31.
- Harrison, Wallace B., and C. W. Kennedy, Pasadena, Calif. Tidal storage device. 2,044,686; June 16.
- Harrison, Wilber A., Danville, Ill. Wireless corn planter. 2,030,368; Feb. 11.
- Harrison, William H., and E. C. Harrison, Los Angeles, Calif. Camera. 2,043,539; June 9.
- Harrison, William R., assignor to The Spun Steel Corporation, Canton, Ohio. Method and apparatus for precision roller spinning articles of ductile material, such as rolled steel and the like. 2,062,415; Dec. 1.
- Harrison, Woodford F., Berkeley, assignor to The Adhesive Products Company, San Francisco, Calif. Gunned tape and sealing therewith. 2,063,999; Dec. 15.
- Harroff, John W., Youngstown, Ohio. Apparatus for stringing tennis rackets. 2,028,663; Jan. 21.
- Harrold, Roy V., Columbiana, Ohio. Jar lid opener. 2,039,077; Apr. 28.
- Harrop, James W. (See Wainwright, J. A., and Harrop, assignors.)
- Harroun, Ray, Detroit, Mich., assignor of 68.75% to M. J. Glenn, Indianapolis, Ind. Automobile control mechanism. 2,060,731; Nov. 10.
- Harry, Gordon W. (See Babitch, A. M., and Harry.)
- Harsch, Frank, Maplewood, N. J. Atomizing nozzle. 2,055,864; Sept. 29.
- Harsch, John, Bronze Foundry Co. (See Esser, Martin, assignor.)
- Harsch, John W., Gwynedd, Pa., assignor to Leeds & Northrup Company, Philadelphia, Pa. Heat treating apparatus. 2,032,209; Feb. 25.
- Harsel, William B., Indianapolis, Ind. Pump. 2,042,784; June 2.
- Harsell, Charlie J., Mount Gilead, assignor of one-half to L. I. Strauss, Greensboro, N. C. Seed harvesting attachment for mowing machines. 2,051,336; Aug. 18.
- Harshaw Chemical Co., The. (See Harshaw, William J., assignor.)
- Harshaw Chemical Company, The. (See Harshaw, W. J., and Stillwell, assignors.)
- Harshaw Chemical Company, The. (See Pine, P. R., assignor.)
- Harshaw, William J., Shaker Heights, assignor to The Harshaw Chemical Co., Cleveland, Ohio. Chromate-ion reaction. 2,044,244; June 16.
- Harshaw, William J., Shaker Heights, and W. D. Stillwell, Cleveland, assignors to The Harshaw Chemical Company, Elyria, Ohio. Vitreous enamel opacifier. 2,033,707; Mar. 10.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co., Inc., New York, N. Y. Building material. 2,031,950; Feb. 25.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co., Inc., New York, N. Y. Shingle. 2,035,369; Mar. 24.



- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Shingle. 2,035,370; Mar. 24.
- Harshberger, Norman P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Cement cork shingle. 2,038,106; Apr. 21.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co., Inc., New York, N. Y. Shingle. 2,041,761; May 26.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Building element. 2,043,959; June 9.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co., Inc., New York, N. Y. Shingle roof and material relating thereto. 2,044,781; June 23.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Roofing element. 2,044,782; June 23.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co., Inc., New York, N. Y. Shingle. 2,044,783; June 23.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Roofing and building material and creation of effect thereon. 2,044,784; June 23.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Strip of roofing materials. 2,044,785; June 23.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Curing building material. 2,044,786; June 23.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Shingle and forming the same. 2,059,233; Nov. 3.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Roofing element and assembly thereof. 2,059,234; Nov. 3.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Building material and making the same. 2,059,520; Nov. 3.
- Harshberger, Norman P., Scarsdale, and S. A. Ochs, assignors to Bakelite Building Products Co. Inc., New York, N. Y. Building element. 2,044,787; June 23.
- Harshberger, Norman P., Scarsdale, and S. A. Ochs, assignors to Bakelite Building Products Co. Inc., New York, N. Y. Roofing material and the like. 2,044,788; June 23.
- Harshberger, Russell P., Pasadena, Calif. Safety razor. 2,056,186; Oct. 6.
- Harstick, William H., Milwaukee, Wis., assignor to International Harvester Company. Disk removing tool for cream separators. 2,037,979; Apr. 21.
- Harstick, William H., Milwaukee, Wis., assignor to International Harvester Company. Neck bearing oiler for cream separators. 2,062,573; Dec. 1.
- Hart-Albin Company. (See Klein, Matthew, assignor.)
- Hart-Carter Company. (See Ingraham, Charles C., assignor.)
- Hart, Charles, Chester, Pa., assignor of one-half to P. Shields, Washington, D. C. Removing metals as volatile chlorides from ores and other matters containing the same. 2,030,867; Feb. 18.
- Hart, Charles, Chester, Pa., assignor of one-half to P. Shields, Washington, D. C. Removing metals as volatile chlorides from ores and other matters containing the same. 2,030,868; Feb. 18.
- Hart & Cooley Manufacturing Company. (See Leigh, Robert L., assignor.)
- Hart, Frank R., and S. W. Lasher, Pacific Grove, Calif. Steam applicator employing ultraviolet light. 2,047,470; July 14.
- Hart, Frederick A., New Britain, Conn., assignor to Remington Typewriter Company, Ilion, N. Y. Combined typewriting and computing machine. 2,063,737; Dec. 8.
- Hart, George B., Brighton, N. Y. Sectional beauty vase. 2,043,375; June 9.
- Hart, George B., Brighton, N. Y. Flower container. 2,047,321; July 14.
- Hart, George H., West Hartford, Conn. Thermostatically operated switch. 2,034,865; Mar. 24.
- Hart, George H., West Hartford, Conn. Thermostatic switch. 2,041,246; May 19.
- Hart, George T., Jr., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Area measuring machine. 2,049,540; Aug. 4.
- Hart, Hannibal. (See Wedlake, F. R., and Hart.)
- Hart, Harold L., River Forest, assignor to Electric Household Utilities Corporation, Chicago, Ill. Ironing machine. 2,040,936; May 19.
- Hart, Harry S., Chicago, Ill. Car wall construction. 2,040,307; May 12.
- Hart, John A., Auckland, New Zealand. Time governed control means for combination with electric service plugs. 2,053,993; Sept. 8.
- Hart, Kenneth V., South Bend, Ind., assignor to Arnold Schwinn & Co., Chicago, Ill. Shaping the ends of tubes. 2,064,539; Dec. 15.
- Hart, Lawrence F. C., Ottawa, Ontario, Canada. Removable hood for the rumble seat of automobiles. 2,028,209; Jan. 21.
- Hart, Montie M., Buena Park, Calif. Automatic machine aligning mechanism. 2,041,339; May 19.
- Hart, Percy T., and F. J. Glaser, New Orleans, La.; said Glaser assignor to said Hart. Award dispensing machine. 2,043,166; June 2.
- Hart, Thomas J. (See Iskyan, J. A., and Hart.)
- Hart, Walter D., Los Angeles, Calif. Golf shaft balancer. 2,051,083; Aug. 18.
- Hart, Walter L., Milwaukee, Wis. Machine for translating semifluids and comminuted solids. 2,045,081; June 23.
- Hart, William A., Detroit, Mich., assignor to Colonial Broach Company. Broaching machine for stub ball points. 2,047,265; July 14.
- Hartbauer, August W. L., Chicago, Ill. Weather strip retainer. 2,044,881; June 23.
- Hartdorn, Louis G., Forest Hills, N. Y. Shutter control for a cooling system. 2,042,842; June 2.
- Hartdorn, Louis G., Forest Hills, N. Y. Clutch control system for motor vehicles. 2,058,445; Oct. 27.
- Harteck, Paul. (See Farkas, L., and Harteck.)
- Hartenstein, Herman L., Chicago, Ill. Manufacture of fertilizer. 2,044,297; June 16.
- Harter, Isaac, New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Forming a pressure vessel. 2,030,818; Feb. 11.
- Härter, Ludwig, Dresden, Germany. Elastic wheel for vehicles. 2,049,374; July 28.
- Harter, Noah S., assignor to Cyclone Fence Company, Waukegan, Ill. Wire retaining spool. 2,046,290; June 30.
- Harter, Noah S., assignor to Cyclone Fence Company, Waukegan, Ill. Tension control for wire weaving machines. 2,046,291; June 30.
- Harter, Noah S., assignor to Cyclone Fence Company, Waukegan, Ill. Wire fabric weaving machine. 2,056,851; Oct. 6.
- Hartford-Empire Company. (See Bailey, James, assignor.)
- Hartford-Empire Company. (See Barker, William T., Jr., assignor.)
- Hartford-Empire Company. (See Bates, Lloyd G., assignor.)
- Hartford-Empire Company. (See Canfield, Robert W., assignor.)
- Hartford-Empire Company. (See Honiss, William H., assignor.)
- Hartford-Empire Company. (See Honiss, William T., assignor.)
- Hartford-Empire Company. (See Howard, George E., assignor.)
- Hartford-Empire Company. (See Ohrn, Carl B., assignor.)
- Hartford-Empire Company. (See O'Neill, Frank, assignor.)
- Hartford-Empire Company. (See Peiler, K. E., and Morgan, assignors.)
- Hartford-Empire Company. (See Riley, Clara S., assignor.)
- Hartford-Empire Company. (See Rowe, George E., assignor.)
- Hartford-Empire Company. (See Stewart, Edward C., assignor.)
- Hartford-Empire Company. (See Tucker, O. M., and Reeves, assignors.)
- Hartford-Empire Company. (See Wadman, Harold A., assignor.)
- Hartford-Empire Company. (See Willetts, Paul G., assignor.)
- Hartford-Empire Company. (See Wise, Charles H., assignor.)
- Hartford, Frank M., Columbus, Ohio. Ware carrier for continuous kilns. 2,041,176; May 19.
- Härtl, Hans, Dresden, Germany, assignor to J. Müller, Prague, Czechoslovakia. Insole. 2,055,574; Sept. 29.
- Hartl, John J., Cedar Rapids, Iowa. Power device. 2,027,640; Jan. 14.
- Hartland, Ernest J., West Springfield, Mass. Dispensing device. 2,064,111; Dec. 15.
- Hartley, Arthur C., Finsbury Circus, London, England. Separation of gases from liquids. 2,039,411; May 5.
- Hartley, Emmett C., Oak Park, assignor to Addressograph Company, Wilmington, Del. Printing machine. 2,041,183; May 19.
- Hartley, Florence. (See Moore, Thomas H., assignor.)
- Hartley, John G. (See Faries, R., and Hartley.)
- Hartley, Ralph V. L., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Burglar alarm system. 2,031,951; Feb. 25.
- Hartline Clearance Lamp Co. Inc. (See Hartline, Clyde, assignor.)
- Hartline, Clyde, assignor to Hartline Clearance Lamp Co. Inc., New Orleans, La. Clearance lamp. 2,034,432; Mar. 17.
- Hartman, August, Berlin-Lichterfelde, J. J. Stoeckly, Teltow-Seehof, and J. Uytendogaart, Berlin-Lichterfelde, Germany, assignors to North American Rayon Corporation, New York, N. Y. Roller feeding device. 2,034,657; Mar. 17.
- Hartman, Carl W., Lyngby, near Copenhagen, Denmark. Apparatus for filling cartons and other packages. 2,034,617; Mar. 17.
- Hartman, Charles D. (See Wilson, J. R., Acker, and Hartman.)
- Hartman, Elmer S., Mountville, Pa. Bulletin board. 2,036,938; Apr. 7.
- Hartman, Emanuel W., Glendale, Calif., assignor to Hartman Gold Placer Syndicate, Chicago, Ill. Separating solids. 2,063,926; Dec. 15.



- Hartman, Emanuel W., Glendale, Calif., assignor to Hartman Gold Placer Syndicate, Chicago, Ill. Separating apparatus. 2,064,000; Dec. 15.
- Hartman, Frank E., assignor to H. A. Brassert Company, Chicago, Ill. Irradiating apparatus. 2,034,184; Mar. 17.
- Hartman, Frank E., assignor of one-third to F. H. Montgomery and one-third to W. R. Montgomery, Chicago, Ill. Ozone machine. 2,043,701; June 9.
- Hartman, Frank H., Norwood, Ohio. Manufacturing in-laid wood articles. 2,062,175; Nov. 24.
- Hartman Gold Placer Syndicate. (See Hartman, Emanuel W., assignor.)
- Hartman, Hans, Monaco, Monaco. Submarine television. 2,060,670; Nov. 10.
- Hartman, Harry B., Buffalo, N. Y. Razor stropper. 2,037,509; Apr. 14.
- Hartman, William, trustee. (See Leavenworth, Frank G., assignor.)
- Hartman, William W., Los Angeles, Calif. Mechanism to assemble a composite loaf. 2,031,949; Feb. 25.
- Hartman, William W., Los Angeles, Calif. Knife grinder. 2,041,340; May 19.
- Hartman, William W., and R. A. Steps, Los Angeles, Calif. Casing centering device. 2,058,310; Oct. 20.
- Hartmann, Adolph. (See Kranz, P., and Hartmann.)
- Hartmann, August, Berlin-Lichterfelde, Germany, assignor to American Bemberg Corporation, New York, N. Y. Method and apparatus for the manufacture of artificial silk. 2,040,607; May 12.
- Hartmann, August, Berlin-Lichterfelde, Germany, assignor to the American Bemberg Corporation, New York, N. Y. Treatment of formed filaments. 2,062,712; Dec. 1.
- Hartmann, August and G. Bauriedel, Barmen, Germany, assignors to American Bemberg Corporation, New York, N. Y. Producing artificial silk. 2,030,985; Feb. 18.
- Hartmann, Carl A., Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electrodynamical transmitter. 2,047,777; July 14.
- Hartmann, Carl W., Lyngby, near Copenhagen, Denmark, assignor to Satona Limited, East Bank, Colinton, Midlothian. Method and apparatus for closing and sealing cartons. 2,051,555; Aug. 18.
- Hartmann, Charles I., Chicago, Ill., assignor to International Harvester Company. Roller bearing assembly. 2,052,292; Aug. 25.
- Hartmann, Ilse, née Böhm, Stuttgart, assignor to Kupfer-Asbest-Co., Gustav-Bach, Heilbronn-on-the-Neckar, Germany. Safety razor. 2,054,287; Sept. 15.
- Hartmann, Ilse, née Böhm, Stuttgart, assignor to Kupfer-Asbest-Co., Gustav Bach, Heilbronn-on-the-Neckar, Germany. Safety razor. 2,054,418; Sept. 15.
- Hartmann, Julius F. G. P., Copenhagen, Denmark. Electric commutator and interruptor according to the spark-neglecting principle. 2,051,708; Aug. 18.
- Hartmann, Max, Reichen, near Basel, and A. Wettstein, Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Purifying hormones. 2,062,904; Dec. 1.
- Hartmann, Otto, assignor to Schmidt'sche Heissdampf-Gesellschaft m. b. H., Kassel-Wilhelmshöhe, Germany. Apparatus for the generation of steam. 2,059,946; Nov. 3.
- Hartmann, Povl D., New York, N. Y., assignor to Beaver Manufacturing Company, Newark, N. J. Electric fitting. 2,029,716; Feb. 4.
- Hartmann Trunk Company. (See Danielsen, H. P., and Kiefer, assignors.)
- Hartmann Trunk Company. (See Ritter, Julius, Jr., assignor.)
- Hartridge, Oscar C. (See McLennan, Alexander, assignor.)
- Hartshorn, David E., Dobbs Ferry, N. Y. Carburetors. 2,052,225; Aug. 25.
- Hartsock, Guy M., South Bend, Ind., assignor, by mesne assignments, to C. F. Burgess Laboratories, Inc., Chicago, Ill. Carburetor muffler. 2,061,903; Nov. 24.
- Hartvedt, Andrew, Kansas City, Mo. Coating for concrete. 2,048,932; July 28.
- Hartwell, George E., Baltimore, Md., assignor to Pittsburgh Plate Glass Company. Paint brush container. 2,057,828; Oct. 20.
- Hartwell, Jesse J., Hutchinson, Kans. Material feeder. 2,045,709; June 30.
- Hartwell, Ralf L. (See Kingman, Russell B., assignor.)
- Hartwell, Ralf L., Orange, assignor to Metal Textile Corporation, West Orange, N. J. Pot cloth. 2,026,632; Jan. 7.
- Hartwig, Wilhelm, Berlin-Steglitz, assignor to the firm of Heinrich Zeiss-Unionzeiss A. G., and Elisabeth Laupichler, Berlin, Germany. Autographic recording apparatus. 2,035,316; Mar. 24.
- Hartwig, William G., assignor to Railway Utility Company, Chicago, Ill. Burner control apparatus. 2,062,749; Dec. 1.
- Harty, Henry W., Hillsboro, Oreg. Engine starting device. 2,055,976; Sept. 29.
- Hartz, Bernard, Chrisney, Ind. Separation of garlic and onion seed from wheat. 2,030,632; Feb. 11.
- Hartzell, Herman L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition system. 2,028,066; Jan. 14.
- Hartzell Industries, Inc. (See Charavay, Frederick, assignor.)
- Hartzell Industries, Inc. (See Hartzell, Robert N., assignor.)
- Hartzell, Oliver R., San Rafael, Calif. Indicator board. 2,057,719; Oct. 20.
- Hartzell, Robert N., assignor to Hartzell Industries Inc., Piqua, Ohio. Veneering. 2,039,284; May 5.
- Hartzell, William C., Union Beach, N. J. Air purifier. 2,065,970; Dec. 29.
- Harvel Corporation, The. (See Harvey, Mortimer T., assignor.)
- Harvel Corporation, The. (See Hughes, Edward R., assignor.)
- Harvell, John P., Newton, Mass., and E. A. Slye, East Hartford, Conn., said Harvell assignor to American Telephone and Telegraph Company, and said Slye assignor to Veeder-Root, Incorporated. 2,059,341; Nov. 3.
- Harvey, Adrian L., Ponca City, Okla. Golf tee. 2,057,894; Oct. 20.
- Harvey, Edward W. (See Lawrence, C. K., and Harvey.)
- Harvey, Edward W., New Brunswick, N. J., assignor to The Barrett Company, New York, N. Y. Fertilizers and their production. 2,036,870; Apr. 7.
- Harvey, Edward W., Highland Park, N. J., assignor to The Barrett Company, New York, N. Y. Preparation of a mixture of oxygen and ammonia gases. 2,038,562; Apr. 28.
- Harvey, Edward W., Highland Park, N. J., assignor to The Barrett Company, New York, N. Y. Preparing phosphate fertilizer. 2,053,432; Sept. 8.
- Harvey, Edward W., Highland Park, N. J., assignor to The Barrett Company, New York, N. Y. Production of fertilizers. 2,060,310; Nov. 10.
- Harvey, Edward W., Highland Park, N. J., and H. A. Beekhuis, Jr., Syracuse, assignors to The Barrett Company, New York, N. Y. Production of fertilizer material. 2,038,788; Apr. 28.
- Harvey, Frank, Covington, Ky., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electrical connection for bus bars. 2,038,107; Apr. 21.
- Harvey, Frank, Covington, Ky., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electrical distribution system. 2,039,793; May 5.
- Harvey, Frederic A., and J. S. McDowell, assignors to Harbison-Walker Refractories Company, Pittsburgh, Pa. Refractory. 2,053,146; Sept. 1.
- Harvey, Harold C., assignor to Harvey Paper Products Company, Sturgis, Mich. Liner for sink strainers. 2,033,285; Mar. 10.
- Harvey, Harold C., Trenton, assignor to The Agasote Mill-board Company, Ewing Township, N. J. Composite flooring material. 2,035,884; Mar. 31.
- Harvey, Herbert, Los Angeles, Calif. Wire tying machine. 2,042,843; June 2.
- Harvey, Herbert and S. Malis, assignors to L. M. Harvey, Los Angeles, Calif. Windshield wiper. 2,063,375; Dec. 8.
- Harvey, Jacquelin E., Jr., Valdosta, Ga., assignor to C. Kehr, Washington, D. C. Concrete road building machine. 2,027,907; Jan. 14.
- Harvey, James W., Winthrop, Maine. Boat attachment. 2,042,598; June 2.
- Harvey, Lee, Greensboro, assignor of twenty-six per cent to Radiator Specialty Company, and twenty-five per cent to P. B. Eaton, Charlotte, N. C. Brake mechanism. 2,047,556; July 14.
- Harvey, Leo B., Lima, and L. L. French, Rochester, assignors to The Porcelain Insulator Corporation, Lima, N. Y. Insulator forming machine. 2,033,827; Mar. 10.
- Harvey, Leo M. (See Harvey, H., and Malis, assignors.)
- Harvey, Leo M., as trustee. (See May, Harry P., assignor.)
- Harvey, Lloyd E., Logan, assignor of one-half to J. H. Keith, Glouster, Ohio. Tie for extension trackways. 2,029,820; Feb. 4.
- Harvey, Mortimer T., East Orange, assignor to The Harvel Corporation, Newark, N. J. Oil soluble resin. 2,051,765; Aug. 18.
- Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Making phenol-type resins. 2,051,766; Aug. 18.
- Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Making oil-soluble resins. 2,051,767; Aug. 18.
- Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Compositions of matter and methods and steps of making and using the same. 2,051,768; Aug. 18.
- Harvey Paper Products Company. (See Harvey, Harold C., assignor.)
- Harvey, Rodney B., St. Paul, Minn., assignor, by mesne assignments, to Food Machinery Corporation, San Jose, Calif. Treating fruit. 2,049,563; Aug. 4.
- Harvey-Whipple, Inc. (See Bork, George H., assignor.)
- Harvey, William H., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collecting apparatus. 2,028,210; Jan. 21.
- Harvey, William H., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching device. 2,034,866; Mar. 24.
- Harvey, William H., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin receptacle. 2,042,844; June 2.
- Harwood, Geo. S. & Son. (See Howe, Joseph B., assignor.)
- Harwood, James. (See Ralston, A. W., Pool, and Harwood.)



- Harwood, Leon M., Longmeadow, Mass. Apparatus for applying metallic leaf. 2,049,804; Aug. 4.
- Harwood, Paisley B., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Motor control system. 2,066,106; Dec. 29.
- Harz, Hermann, Berlin, Germany, assignor to Radio Patents Corporation, New York, N. Y. Electrical system. 2,039,314; May 5.
- Harz, Hermann, Berlin-Siemensstadt, Germany, assignor to Radio Patents Corporation, New York, N. Y. Voltage regulator. 2,041,177; May 19.
- Harz, Karl, Ridgewood, N. J. Adjustable lamp support. 2,039,408; May 5.
- Harza, Leroy F., Ravinia, Ill. Hydraulic turbine. 2,028,448; Jan. 21.
- Hasbrouck, Louis B., assignor to Eclipse Textile Devices, Inc., Elmira, N. Y. Apparatus for dyeing loose textile materials. 2,041,471; May 19.
- Hasbrouck, Louis B., J. V. Mann, and M. P. Whitney, assignors to Eclipse Textile Devices, Inc., Elmira, N. Y. Bobbin support. 2,038,286; Apr. 21.
- Hasche, Rudolph L. (See Gudmundsen, Austin, assignor.)
- Hase, Rudolf, Hanover, Germany. Pyrometer. 2,049,260; July 28.
- Haselier, Herman, Garfield, N. J., assignor to Barge Electric Shoe Cement Press, Inc., Brooklyn, N. Y. Shoe sole cementing apparatus. 2,058,446; Oct. 27.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Refrigerator car door. 2,031,039; Feb. 18.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Refrigerator car door. 2,031,040; Feb. 18.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Power hand brake. 2,046,512; July 7.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Yoke means. 2,054,251; Sept. 15.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Power hand brake. 2,057,827; Oct. 20.
- Haselton, Merton L., Rye, assignor to The Teleregister Corporation, New York, N. Y. Indicator. 2,049,499; Aug. 4.
- Haselwood, Willis E. (See Schellenger, N. C., and Haselwood.)
- Hasenberg, Franz, Mahr-Ostrau, Czechoslovakia. Cap. 2,037,683; Apr. 14.
- Hasenour, Elenor C., Washington, D. C. Individual medicine glass rack. 2,048,695; July 28.
- Haserodt, Oscar P., Elyria, Ohio. Golf bag. 2,065,693; Dec. 29.
- Hasford, Carl B., Dallas, Tex., and J. B. McGay, Tulsa, Okla. Coupling. 2,044,298; June 16.
- Hashimoto, Tadaichi, Tujunga, Calif., assignor to Chemical Products, Inc. of California. Making colloidal sulphur. 2,060,311; Nov. 10.
- Haskelite Manufacturing Corporation. (See Norris Charles B., assignor.)
- Haskell-Dawes Machine Company. (See Dewhirst, William, assignor.)
- Haskell, Frederick F., Portland, assignor of two-thirds to H. R. Maddocks, Boothbay Harbor, Maine. Ventilating and air-conditioning apparatus. 2,035,653; Mar. 31.
- Haskell, Howze, assignor to James River Paper Products, Inc., Richmond, Va. Making sealed bags. 2,062,265; Nov. 24.
- Haskell, John D., Fulton, N. Y., assignor to Dilts Machine Works, Inc. Bandless beater roll and Jordan plug. 2,042,893; June 2.
- Haskell, William, Brooklyn, N. Y. Quarrying tool. 2,042,447; May 26.
- Haskins, Butler J., assignor to Joseph Weidenhoff, Inc., Chicago, Ill. Ignition tester for automotive engines. 2,050,529; Aug. 11.
- Haskins, Butler J., assignor to Joseph Weidenhoff, Inc., Chicago, Ill. Distributor tester. 2,050,530; Aug. 11.
- Haskins, Butler J., assignor to Joseph Weidenhoff, Inc., Chicago, Ill. Apparatus for measuring the flow of automobile fuel pumps. 2,062,173; Nov. 24.
- Haskins, Butler J., and R. W. Reitherman, assignors to Joseph Weidenhoff, Inc., Chicago, Ill. Electron discharge oscillograph. 2,062,174; Nov. 24.
- Haskins, Caryl P., Schenectady, N. Y., assignor to General Electric Company. Synthetic resin and method of preparation. 2,031,481; Feb. 18.
- Haskins, Joseph F., administrator. (See Ellsworth, Deane C.)
- Haskins, Joseph F. (See Fothergill, R. E., and Haskins.)
- Haskins, Joseph F., Kenmore, assignor to Du Pont Rayon Company, New York, N. Y. Esterifying cellulose. 2,032,748; Mar. 3.
- Haskins, Joseph F., Wilmington, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esterification of cellulose. 2,032,749; Mar. 3.
- Haskins, Joseph F., Wilmington, Del., and William F. Underwood, Waynesboro, Va., assignors to Du Pont Cellophane Company, Inc., New York, N. Y. Esterification of cellulosic materials. 2,029,481; Feb. 4.
- Haslam, Harry M. (See Bunce, E. H., and Haslam.)
- Haslam, Henry C., Chowchilla, Calif. Egg grading scale. 2,034,946; Mar. 24.
- Haslam, Robert T., Westfield, N. J., assignor to Standard-I. G. Company. Manufacturing of highly unsaturated or aromatic distillates from heavier oils. 2,042,306; May 26.
- Haslauer, Adolf, East Orange, N. J. Cathode for thermionic valves. 2,029,482; Feb. 4.
- Hass, Otto, Pieterlen, Switzerland. Typewriter. 2,039,991; May 5.
- Hassan, Hussein. (See Belefant, B., and Hassan.)
- Hassard, William, Vancouver, British Columbia, Canada. Stabilizing gilsonite. 2,066,289; Dec. 29.
- Hasse, John N., St. Peters, South Australia, Australia. Change of direction indicator for motor vehicles. 2,027,821; Jan. 14.
- Hasse, John N., St. Peters, South Australia, Australia. Extinguishing oil well fires. 2,045,772; June 30.
- Hassel, Nels H., Los Angeles, Calif. Tilttable running board for motor vehicles. 2,062,026; Nov. 24.
- Hasselbach, William. (See Scharf, J. J., Hasselbach, and Strommer.)
- Hasselbaum, Oscar H., Dorchester, assignor to R. S. Robie, Melrose, Mass. Ignition system for automobiles and the like. 2,034,233; Mar. 17.
- Hasselblad, Fritz V., Goteborg, Sweden, assignor to Hasselblads Fotografiska Aktiebolag. Clip for suspending films for drying. 2,038,043; Apr. 21.
- Hasselblads Fotografiska Aktiebolag. (See Hasselblad, Fritz V., assignor.)
- Hassenfeld, Helal, New York, N. Y. Compass. 2,066,147; Dec. 29.
- Hassing, Oluf S., Hellerup, Denmark. Manufacture of printing blocks. 2,032,750; Mar. 3.
- Hassler, Gerald L., Pittsburgh, Pa., assignor to Gulf Research & Development Company, Wilmington, Del. Breaking emulsions and apparatus for carrying out such method. 2,045,465; June 23.
- Hasson, Paul R. (See Storey, N. C., and Hasson.)
- Hastie, Frank S., Toronto, Ontario, Canada. Independent wheel suspension for motor vehicles. 2,054,288; Sept. 15.
- Hastings, Calvin A., Owings Mills, Md. Game. 2,036,630; Apr. 7.
- Hastings, Harold P., assignor to Crouse-Hinds Company, Syracuse, N. Y. Explosionproof panel board. 2,037,900; Apr. 21.
- Hastings, Harold P., assignor to Crouse-Hinds Company, Syracuse, N. Y. Electric plug and socket. 2,047,126; July 7.
- Hastings, Harold P., assignor to Crouse-Hinds Company, Syracuse, N. Y. Explosion resisting lighting unit. 2,050,839; Aug. 11.
- Hastings, Harold P., assignor to Crouse-Hinds Company, Syracuse, N. Y. Explosion resisting lighting fixture. 2,051,479; Aug. 18.
- Hastings Manufacturing Company. (See Phillips, Harold P., assignor.)
- Hastings, Robert A., Durban, Union of South Africa. Portable camping outfit. 2,054,673; Sept. 15.
- Hastings, Whitney, Middletown, Conn. Game and educational device. 2,062,453; Dec. 1.
- Hat Corporation of America. (See Cavanagh, John, assignor.)
- Hatay, Charles, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Mercury switch. 2,030,449; Feb. 11.
- Hatch, Charles T., Albion, assignor to Union Steel Products Company, Albion, Mich. Baker's oven. 2,032,751; Mar. 3.
- Hatch, Charles W., Brighton, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Cap member for fasteners. 2,028,703; Jan. 21.
- Hatch, Dora E. (administratrix). (See Hatch, Theron E.)
- Hatch, Edward J., Creston, Iowa, and E. A. Stringer, assignors to Nebraska Bridge Supply and Lumber Company, Omaha, Nebr. Self-sustaining culvert. 2,043,100; June 2.
- Hatch, Roswell F. (See Brainard, Frank S., assignor.)
- Hatch, Theron E., Upper Arlington, Ohio, D. E. Hatch, administratrix of said T. E. Hatch, deceased, assignor to C. R. Kimmel. Finger protector for cigarette smokers. 2,039,530; May 5.
- Hatchel, Byrd, Chandler, Okla. Dispenser and opener for sealed cans. 2,049,541; Aug. 4.
- Hatcher, Glenn, Tulsa, Okla., assignor to The Collis Company, Clinton, Iowa. Egg candling and stamping device. 2,065,694; Dec. 29.
- Hatebur, Fritz B., Basel, Switzerland. Feed mechanism for centerless grinding machines for grinding and polishing workpieces. 2,048,265; July 21.
- Hatfield, George A., Torrance, Calif., assignor to The National Superior Company, Toledo, Ohio. Pump plunger. 2,063,160; Dec. 8.
- Hatfield, Jason W., Denver, Colo. Engine. 2,052,765; Sept. 1.
- Hatfield, Jesse M., Cabin Creek, W. Va. Apparatus for reproduction of sound. 2,043,167; June 2.
- Hatfield, Maurice J. (See Eccles, A. E., and Hatfield.)
- Hatfield, Rodney H. (See Stapleton, A. W., and Hatfield.)
- Hatfield, William H., Hathersage, assignor to Thos. Firth & John Brown Limited, Sheffield, England. Nitrided alloy steel cold-drawing die. 2,059,732; Nov. 3.
- Hatfield Wire & Cable Co. (See Wertzeiser, Joseph, assignor.)
- Hathaway, Clarence B., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Generator. 2,030,108; Feb. 11.
- Hathaway, Claude W., Wilmington, N. Y. Can opener and dispensing means. 2,040,484; May 12.
- Hathaway, Edgar F., Wellesley, and W. Bixby, Dorchester, Mass. Circuit controller. 2,029,821; Feb. 4.



- Hathaway, Harbow H., Los Angeles, Calif. Lath machine. 2,036,411; Apr. 7.
- Hathaway, Harlow H., Los Angeles, Calif. Product for building construction. 2,038,173; Apr. 21.
- Hathaway, Noland D., Omaha, Nebr. Fishline supporting and reeling device. 2,064,428; Dec. 15.
- Hatherell, George A., Roscoe, assignor to F. A. Garbutt, Los Angeles, Calif. Producing resinous material suitable for use in compounding chewing gum. 2,036,577; Apr. 7.
- Hathorn, Charles E., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Hand grip and cover. 2,034,095; Mar. 17.
- Hathorn, Charles E., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Engine mount. 2,053,078; Sept. 1.
- Hathorn, Clarence J., assignor to The Stackpole Carbon Company, St. Marys, Pa. Snap switch. 2,057,829; Oct. 20.
- Hatmaker, Howard, Tamaqua, Pa. Air compressor. 2,050,886; Aug. 11.
- Hatta, Kiyonobu, Sakyoku, Kyoto, Japan. Preparing meat and fish extracts. 2,045,949; June 30.
- Hatta, Toshiro. (See Igarashi, M., and Hatta.)
- Hatten, Ishum H., Winfield, La. Portable fire fighting apparatus. 2,044,687; June 16.
- Hatton, William, and L. B. Haigh, Paris, France, assignors to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 2,040,308; May 12.
- Hatzig, Hans. (See Müller, R., Hatzig, and Rabald.)
- Haub, George R., Glenshaw, assignor to Shawkee Manufacturing Company, Pittsburgh, Pa. Impulse type glass feeder. 2,047,962; July 21.
- Haub, George R., Crafton, assignor to Shawkee Manufacturing Company, Pittsburgh, Pa. Glass feeding apparatus. 2,053,663; Sept. 8.
- Haub, George R., assignor to Shawkee Manufacturing Company, Pittsburgh, Pa. Vacuum feeder. 2,058,149; Oct. 20.
- Hauck, Ludwig. (See Clingenstein, H., Petzold, and Hauck.)
- Hauck Manufacturing Company. (See Elze, W. C., and Davitt, assignors.)
- Hauck Manufacturing Company. (See Schumann, Alfred F., assignor.)
- Haucke, Artur, Berlin, and H. Krefft, Berlin-Friedrichshafen, Germany, assignors to General Electric Company. Electric gaseous discharge device. 2,030,450; Feb. 11.
- Hauf, George F. (See Smallley, B. M., and Hauf.)
- Hauffe, Fritz, Berlin-Friedenau, and C. Eröhrer, Berlin-Charlottenburg, Germany, assignors to General Electric Company. Electrostatic device. 2,032,932; Mar. 3.
- Hauffman, Axel W., and T. Zetterberg, Stockholm, Sweden. Fish lure. 2,043,244; June 9.
- Haug, Anton J., Nashua, N. H. Method of and apparatus for working paper stock. 2,066,107; Dec. 29.
- Haug, Thaddeus L. E., Berkeley, Calif. Painting shield. 2,045,597; June 30.
- Haugh, Henry A., Jr., C. D. Geer, and E. D. Stirlen, assignors to The Engineering and Research Corporation, New Haven, Conn. Traffic actuated signal system. 2,045,136; June 23.
- Haughwout, Linton A., North Bend, Oreg. Carrying and display case. 2,043,617; June 9.
- Haught, John W., Arlington, N. J., and E. Rodman, Marshallton, assignors to Dupont Viscoloid Company, Wilmington, Del. Laminated article and manufacture of same. 2,040,937; May 19.
- Haughton Elevator & Machine Company, The. (See Thurston, E. B., Brubaker, and Turner, assignors.)
- Hauk, Charles J., Jr., et al. (See Wainman, F. H., and Hamberger, assignors.)
- Haul, William, St. Louis, Mo. Internal combustion engine. 2,032,985; Mar. 3.
- Haultain, Herbert E. T., Toronto, Ontario, Canada. Apparatus for analyzing finely divided materials for size. 2,034,185; Mar. 17.
- Haultain, Herbert E. T., Toronto, Ontario, Canada. Method of and apparatus for determining a degree of fineness of finely divided material. 2,065,695; Dec. 29.
- Haumerson, Clifford C., Janesville, Wis. Boot hanger. 2,032,933; Mar. 3.
- Haumont, Edmond, Paris, France, assignor to United Shoe Machinery Corporation, Paterson, N. J. Die and making the same. 2,056,321; Oct. 6.
- Haun, Joye C., Manhattan Beach, Calif. Selective channel cleaning and lubricating system for lubricated valves. 2,026,891; Jan. 7.
- Hauz, Charles F., Buffalo, N. Y., assignor to Henry Vogt Machine Co., Louisville, Ky. Apparatus for conditioning air and other gases. 2,056,353; Oct. 6.
- Haupt, Albertus H., Somerset West, Union of South Africa, assignor to Imperial Chemical Industries Limited. Method and apparatus for wrapping cylindrical articles. 2,026,532; Jan. 7.
- Haupt, Albertus H., Somerset West, Union of South Africa, assignor to Imperial Chemical Industries Limited. Apparatus for cutting paper or other material. 2,026,533; Jan. 7.
- Haupt, Henry H., assignor to Vesta Consolidated Incorporated, St. Paul, Minn. Plate locking device for storage batteries. 2,051,297; Aug. 18.
- Haupt, Herbert, Mount Healthy, assignor to Littleford Brothers, Cincinnati, Ohio. Trailer tool cart. 2,038,932; Apr. 28.
- Haurand, Carl H. (See Vahlteich, H. W., Haurand, and Neal.)
- Haurand, Carl H., North Plainfield, N. J., assignor to The Best Foods, Inc., New York, N. Y. Powdered coloring material. 2,052,175; Aug. 25.
- Hausbach, Samuel, assignor of two-fifths to S. L. Kesselman, Newark, N. J. Curtain stretcher. 2,032,090; Feb. 25.
- Hausbeck, Charles J., Queens Village, N. Y., assignor to Julius Kayser & Co., New York, N. Y. Stitch finger for sewing machines. 2,031,831; Feb. 25.
- Hausdörfer, Emil. (See Wolfram, A., and Hausdörfer.)
- Hauser, Friedrich, assignor to the firm Carl Zeiss, Jena, Germany. Microscope for the examination of surfaces. 2,034,096; Mar. 17.
- Hauser, Hermann, Basel, and M. Bommer, Riehen, near Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Carbazole derivatives and making same. 2,027,908; Jan. 14.
- Hauser, Hermann, Basel, and M. Bommer, Riehen, near Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Carbazole derivatives. 2,027,909; Jan. 14.
- Hauser, Hermann, Basel, and M. Bommer, Riehen, near Basel, assignors to firm Society of Chemical Industry in Basle, Basel, Switzerland. Anthraquinone derivatives. 2,030,253; Feb. 11.
- Hauser, Hermann, Binningen, near Basel, and M. Bommer, Riehen, near Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Vat dyestuffs and making same. 2,033,708; Mar. 10.
- Hauser, Joseph E., Monahans, Tex. Rotating drill stems. 2,058,689; Oct. 27.
- Hauser, Rudolph J., Hillside, assignor to Lowres Optical Manufacturing Co., Newark, N. J. Ophthalmic mounting. 2,061,400; Nov. 17.
- Hauserman, E. F., Company, The. (See Balch, Thomas V., assignor.)
- Hauserman, E. F., Company, The. (See Balch, T. V., and Bohnsack, assignors.)
- Hausheer, Max E., Villemomble, France. Accounting typewriter. 2,047,505; July 14.
- Hausler, August H., Chicago, Ill. Driving sheet piling. 2,057,947; Oct. 20.
- Hausman, Frederick G., Lakeville, Conn. Mixing device. 2,042,176; May 26.
- Haussauer, Louis P., London, England. Electric water heater. 2,048,068; July 21.
- Haussauer, Louis P., London, England. Electric water heater. 2,049,838; Aug. 4.
- Hausse, Richard H. (See Marty, M. J., and Hausse.)
- Hausser, Anthony A. (See Hausser, Carl A. and A. A.)
- Hausser, Carl A. and A. A., Philadelphia, Pa. Haemecytometer. 2,039,219; Apr. 28.
- Hausser, Ernst H., Stuttgart, Germany. Locking washer. 2,034,258; Mar. 17.
- Hausser, Isolda, Heidelberg, Germany. Device for the production of oscillations. 2,054,252; Sept. 15.
- Hausser, Lawrence J., Joliet, Ill. Stove construction. 2,063,376; Dec. 8.
- Hausmann, Otto G., Philadelphia, Pa. Ophthalmic lens with elliptic segment. 2,052,825; Sept. 1.
- Haux, Elmer H., Tarentum, Pa., assignor to Duplate Corporation. Plasticizing a resin and forming it into a sheet. 2,046,378; July 7.
- Haux, Elmer H., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Vinyl acetal resin extrusion mix and making the same. 2,062,750; Dec. 1.
- Havanas, Albert R., assignor of one-half to D. McDermott, Warren, Ohio. Portable sheet material cutter. 2,042,097; May 26.
- Havas, Denes, Flourtown, assignor to Motor Parts Company, Philadelphia, Pa. Battery box. 2,035,066; Mar. 24.
- Havas, Emeric, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Asymmetric indigo-thioindigoid colors. 2,063,161; Dec. 8.
- Havatampa Cigar Company. (See Woodbery, Daniel H., assignor.)
- Haven, Charles D., Milwaukee, Wis., assignor to The Thermopane Company, Toledo, Ohio. Multi-ply glass sheet glazing unit. 2,030,869; Feb. 18.
- Haven, Glenn V., Minneapolis, Minn. Container and liquid-tight liner therefor. 2,045,354; June 23.
- Havener, Arthur R., Wayland, assignor to J. L. Thomson Manufacturing Company, Waltham, Mass. Riveting machine. 2,045,550; June 23.
- Havener, Vernon. (See Phillips, M. C., and Havener.)
- Havens, Charles M., San Francisco, assignor of one-eighth to D. I. Kirkman, Bakersfield, one-eighth to F. C. Havens, Los Angeles, one-eighth to C. E. Ruggles, and one-fourth to I. Ruggles, San Francisco, Calif. Tapering hair clipper. 2,059,454; Nov. 3.
- Havens, Franklin C., et al. (See Havens, Charles M., assignor.)
- Havens, Lloyd F., Iowa Falls, Iowa. Storage battery cap. 2,036,331; Apr. 7.
- Havens, William D., and W. A. Cryne, Schenectady, N. Y. Rake cleaner attachment. 2,049,542; Aug. 4.
- Haverhill Die Company. (See Greenleaf, R. L., and Dougherty, assignors.)
- Haverhill Shoe Novelty Company. (See Clinch, Charles S., Sr.)



- Haverly, Claire U., Syracuse, N. Y. Insulated concrete vat. 2,056,721; Oct. 6.
- Havey, Joseph P., New York, N. Y., assignor to The Babcock & Wilcox Tube Company, West Mayfield, Pa. Heating furnace. 2,045,773; June 30.
- Haviland, Arnold. (See Kleekamp, George H., assignor.)
- Havill, Clinton H., South Orange, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Automatic airplane pilot. 2,030,986; Feb. 18.
- Havill, Clinton H., South Orange, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Combined gyro-compass and artificial horizon. 2,043,168; June 2.
- Havill, Clinton H., South Orange, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Balancing machine. 2,043,618; June 9.
- Havill, Clinton H., South Orange, and A. S. Walton, assignors, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Automatic transmission. 2,046,453; July 7.
- Havill, C. H., South Orange, and A. S. Walton, assignors, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Driving mechanism. 2,054,377; Sept. 15.
- Havill, Thomas, et al. (See Bush, William C., assignor.)
- Hawaiian Canneries Company. (See Taylor, Robert B.)
- Hawaiian Hume Concrete Pipe Company. (See Billson, Marcus K., assignor.)
- Hawaiian Pineapple Company. (See Dulany, Helen H., assignor.)
- Hawaiian Pineapple Company. (See Hoyt, S. T., and Botley, assignors.)
- Hawaiian Pineapple Company. (See Wendt, Walter A., assignor.)
- Hawes, Charlie L., Ashtabula, Ohio. Grinding and polishing apparatus. 2,061,626; Nov. 24.
- Hawes, David H., Bridgeport, Conn. Liquid dispensing device. 2,063,036; Dec. 8.
- Hawes, Harold W. (See Jorgensen, Edmund, assignor.)
- Hawes, Susan M., Morristown, N. J. Turner and ejector for ovens. 2,038,361; Apr. 21.
- Hawgood, Harvey R., assignor to The Lees-Gradner Company, Cleveland, Ohio. Hobbing machine. 2,048,503; July 21.
- Hawgood, Harvey R., assignor to Cornell Securities Corporation, Cleveland, Ohio. Metallic receptacle and closure therefor. 2,049,906; Aug. 4.
- Hawie Manufacturing Co., The. (See Hawie, Michael, assignor.)
- Hawie, Michael, Greens Farms, assignor to The Hawie Manufacturing Co., Bridgeport, Conn. Garment and hose supporter. 2,036,141; Mar. 31.
- Hawie, Michael, Greens Farms, assignor to The Hawie Manufacturing Co., Bridgeport, Conn. Garment supporter. 2,043,751; June 9.
- Hawie, Michael, Greens Farms, assignor to The Hawie Manufacturing Co., Bridgeport, Conn. Garment supporter. 2,047,683; July 14.
- Hawk, Charles A., Salem, Oreg. Glare shield. 2,064,746; Dec. 15.
- Hawk, Walter L., Inglewood, Calif. Automatic weather strip. 2,033,241; Mar. 10.
- Hawke, E. R. (See Desmet, John P., assignor.)
- Hawker, Clifford F., assignor to Armstrong Cork Company, Lancaster, Pa. Roll package. 2,027,380; Jan. 14.
- Hawker, Clifford F., assignor to Armstrong Cork Company, Lancaster, Pa. Packaging rolled articles. 2,027,381; Jan. 14.
- Hawker, Clifford F., B. F. Herr, and F. G. Rottmund, assignors to Armstrong Cork Company, Lancaster, Pa. Apparatus for packaging rugs. 2,027,379; Jan. 14.
- Hawkes, Thomas B., Champlain, N. Y., assignor of one-half to The Sheridan Iron Works, and one-half to The T. W. & C. B. Sheridan Company. Power press. 2,043,246; June 9.
- Hawkins, Paul. (See Ferguson, John L., assignor.)
- Hawkins, Paul. (See Ressetter, Charles F., assignor.)
- Hawkins, Paul M. (See Miller, W. C., and Hawkins.)
- Hawkins, Orlie A., Lamar, Colo. Splitting machine. 2,059,790; Nov. 3.
- Hawkinson, Paul E., Company. (See Hawkinson, Paul E., assignor.)
- Hawkinson, Paul E., Minneapolis, Minn. Tire tread. 2,065,696; Dec. 29.
- Hawkinson, Paul E., Minneapolis, Minn. Tire tread. 2,065,697; Dec. 29.
- Hawkinson, Paul E., assignor to Paul E. Hawkinson Company, Minneapolis, Minn. Tire retreading apparatus. 2,034,618; Mar. 17.
- Hawkinson, Paul E., assignor to P. E. Hawkinson Company, Minneapolis, Minn. Tire spreader and rim remover. 2,043,169; June 2.
- Hawks, William K., assignor, by mesne assignments, to The Farval Corporation, Cleveland, Ohio. Automatic lubricating system. 2,048,003; July 21.
- Hawks, William K., and A. J. Jennings, Battle Creek, Mich., assignors, by mesne assignments, to The Farval Corporation, Cleveland, Ohio. Automatic lubrication system. 2,038,287; Apr. 21.
- Hawksley, Ray, Hastings-on-Hudson, N. Y., assignor to Anaconda Wire & Cable Company, New York, N. Y. Method and apparatus for producing hollow antennas. 2,033,632; Mar. 10.
- Hawksley, Ray, Hastings-on-Hudson, N. Y., assignor to Anaconda Wire & Cable Company, New York, N. Y. Assembling antenna members. 2,033,633; Mar. 10.
- Hawksley, Ray, Hastings-on-Hudson, assignor to Anaconda Wire & Cable Company, New York, N. Y. Shield conductor. 2,064,831; Dec. 22.
- Hawley, Charles G., assignor to Centrifix Corporation, Cleveland, Ohio. Multistage centrifugal separation. 2,059,521; Nov. 3.
- Hawley, Charles G., Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio. Petroleum refinement and the like. 2,059,522; Nov. 3.
- Hawley, Frank J., Brooklyn, N. Y. Dental, medical, and hospital anesthesia apparatus. 2,039,901; May 5.
- Hawley, Jesse B. (See Sloan, Edward C., assignor.)
- Hawley, Jesse B., assignor to Zimmer Manufacturing Company, Warsaw, Ind. Hip splint. 2,044,299; June 16.
- Hawley, Kent A., assignor to Locke Insulator Corporation, Baltimore, Md. Tower supporting insulator. 2,048,504; July 21.
- Hawley, Thomas. (See Wallerstein, L., Hawley, and Galek.)
- Hawley, Thomas G., Jr. (See Wallerstein, L., Gale, and Hawley, Jr.)
- Hawney, Frederick G., Seattle, Wash. Motor retard. 2,059,345; Nov. 3.
- Haworth, Mack E., Pittsburgh, Pa., assignor to The Jeffrey Manufacturing Company. Apparatus for separating materials by fluid streams. 2,026,633; Jan. 7.
- Haworth, Mack E., Pittsburgh, Pa., assignor to The Jeffrey Manufacturing Company. Fluid stream control. 2,028,211; Jan. 21.
- Haworth, Mack E., Pittsburgh, Pa., assignor to The Jeffrey Manufacturing Company. Coal cleaning apparatus. 2,028,834; Jan. 28.
- Haworth, Mack E., Pittsburgh, Pa., assignor to The Jeffrey Manufacturing Company. Coal cleaning apparatus. 2,028,904; Jan. 28.
- Haws, Alpheus G., Berkeley, Calif. Drinking fountain apparatus. 2,030,289; Feb. 11.
- Hay, Donald L., Washington, D. C. Spark recording system. 2,035,474; Mar. 31.
- Hay, Donald L., Washington, D. C. Specific gravity indicator. 2,056,187; Oct. 6.
- Hay, Donald L., Washington, D. C. System of recording. 2,035,475; Mar. 31.
- Hay, Percy D., Charleston, S. C. Weather guard for automobile bodies. 2,034,342; Mar. 17.
- Hayakawa, Kazuma, Hodogaya-ku, Yokohama, Japan. Treating aluminium or aluminium alloy. 2,039,165; Apr. 28.
- Hayden, Albert P. (See Gleason, G. A., and Hayden.)
- Hayden, Edward S., St. James, Minn. Basket ball practice ring. 2,039,794; May 5.
- Hayden, Elsie G., executrix. (See Hayden, Harold R.)
- Hayden, Frank A., Springfield, Mass. Furniture. 2,044,166; June 16.
- Hayden, George D. and H. A., assignors to Ace Drill Company, Detroit, Mich. Making twist drills. 2,034,514; Mar. 17.
- Hayden, Harold P., Woodbridge, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa. Insulated pipe. 2,047,778; July 14.
- Hayden, Harold R., Brooklyn, N. Y., Elsie G. Hayden, executrix of said Harold R. Hayden, deceased. Vacuum tube system and container. 2,028,717; Jan. 21.
- Hayden, Harold R., Brooklyn, N. Y., E. G. Hayden, executrix of said H. R. Hayden, deceased. Electrical signaling system. 2,056,852; Oct. 6.
- Hayden, Howard A. (See Hayden, George D. and H. A.)
- Hayden, Kenneth L., Winthrop, Mass. Projectile. 2,055,765; Sept. 29.
- Hayden, Kenneth L., Winthrop, Mass. Protective signal system. 2,040,309; May 12.
- Hayden, Kenneth L., Winthrop, Mass. Aircraft wing construction. 2,056,188; Oct. 6.
- Hayden, Lester N., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener attaching machine. 2,028,704; Jan. 21.
- Hayden, Lester N., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Attaching eyelet. 2,058,311; Oct. 20.
- Haydon, Arthur W., Waterbury, Conn. Electric motor. 2,049,261; July 28.
- Hayenga, Jack A., and F. E. Brooks, assignor of one-half to R. O. Bohannon, Yakima, Wash. Sound damping device for microphones. 2,065,456; Dec. 22.
- Hayes, Bertell H., Moline, Ill. Indicator. 2,066,267; Dec. 29.
- Hayes, Frank S., Hope, Idaho. Rail spike. 2,050,432; Aug. 11.
- Hayes, Hal, Los Angeles, Calif. Concrete form. 2,055,977; Sept. 29.
- Hayes, Harvey C., Washington, D. C. Sound detecting apparatus. 2,041,710; May 26.
- Hayes, Harvey C., Washington, D. C. Sound generating and directing apparatus. 2,064,911; Dec. 22.
- Hayes Industries, Inc. (See Hamilton, Alexander C., assignor.)
- Hayes Industries, Inc. (See Hollerith, Charles, assignor.)
- Hayes, John W. (See Sundstrom, C. and Hayes.)
- Hayes, John W., and H. C. Britton, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Production of sodium nitrite. 2,032,699; Mar. 3.



- Hayes, Stanley, Berkeley, Calif. Spray gun. 2,034,867; Mar. 24.
- Hayes, Stanley W., assignor to Hayes Track Appliance Company, Richmond, Ind. Bumper post, track stiffening structure therefor, and method of stiffening existing track. 2,053,556; Sept. 8.
- Hayes Track Appliance Company. (See Hayes, Stanley W., assignor.)
- Hayes-Gratze, Eugene V., London, England. Manufacture of cordage. 2,034,392; Mar. 17.
- Hayford, Benjamin I., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker apparatus. 2,027,228; Jan. 7.
- Haymaker, Lock Company, The. (See Hite, Edward W., assignor.)
- Haynes, Frank A., assignor of one-half to W. S. Williams, Chicago, Ill. Mop dust abstractor. 2,052,766; Sept. 1.
- Haynes, Jacob M., Macksville, Kans. Clothesline stretcher. 2,057,572; Oct. 13.
- Haynes, Spencer S., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,054,080; Sept. 15.
- Haynn, Richard. (See Rittinghausen, C. M., and Haynn.)
- Haynos, John J., San Bernardino, Calif. Reenforced, gland massage device. 2,057,190; Oct. 13.
- Hays, Albert B. (See Thomas, H. T., and Hays.)
- Hays Corporation, The. (See Sprague, P. T., and Soller, assignors.)
- Hays, Joseph W., Tulsa, Okla. Steam boiler and fluid heater. 2,048,446; July 21.
- Hays Manufacturing Company. (See Schneider, Henry E., assignor.)
- Hays, Russell R., Encinitas, Calif. Pitch differential means for lifting propellers. 2,045,355; June 23.
- Hays, Russell R., Encinitas, Calif. Rotating blade means for aircraft. 2,055,928; Sept. 29.
- Hayward, Claude D. (See Rankin, W. K., and Hayward.)
- Hayward, Irving M., Brooklyn, N. Y. Motor-pump unit. 2,056,936; Oct. 13.
- Hayward, R. B., Company. (See Clemmons, Ralph W., assignor.)
- Hayward, Ralph A., assignor to Kalamazoo Vegetable Parchment Company, Parchment, Mich. Wrapper and method of making. 2,045,852; June 30.
- Hayward, Ralph B., La Grange, Ill. Reel. 2,058,151; Oct. 20.
- Hayward, Ralph B., La Grange, Ill. Reel. 2,058,152; Oct. 20.
- Hayward, Ralph B., La Grange, and R. W. Clemmons, Chicago, Ill. Reel. 2,058,150; Oct. 20.
- Hayward, Sheldon C., Merchantville, N. J., assignor to Radio Corporation of America. Multiscale indicator. 2,051,851; Aug. 25.
- Haywood, Alice E. (See Haywood, Jackson S., assignor.)
- Haywood, Fred H., Cleveland, Ohio. Barrel agitator. 2,045,710; June 30.
- Haywood, Jackson S., assignor of one-half to A. E. Haywood, Springfield, Ill. Shears. 2,032,281; Feb. 25.
- Haywood-Wakefield Company. (See Bell, Alfred B., assignor.)
- Hazard, Charles S., New York, and F. S. Prentiss, Flushing, N. Y., assignors to Neptune Meter Company. Interlock for meter casings. 2,041,762; May 26.
- Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Signal device for dispensing pumps. 2,061,538; Nov. 17.
- Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Liquid weighing device. 2,063,892; Dec. 15.
- Hazard & Miller. (See Johnson, Arthur E., assignor.)
- Hazel-Atlas Glass Company. (See Achauer, C. V., and Price, assignors.)
- Hazel-Atlas Glass Company. (See Gray, D. M., and Williams, assignors.)
- Hazel-Atlas Glass Company. (See Gray, Daniel M., assignor.)
- Hazel-Atlas Glass Co. (See Greene, M. A., and Gray, assignors.)
- Hazel-Atlas Glass Company. (See Huntsman, Bert J., assignor.)
- Hazel-Atlas Glass Company. (See Meharg, L., Kaylor, and Rodenbaugh, assignors.)
- Hazel-Atlas Glass Company. (See Peters, Ralph, assignor.)
- Hazel-Atlas Glass Company. (See Schwab, J. C. E., and Wheeler, assignors.)
- Hazel-Atlas Glass Company. (See Shaffer, Hosea, assignor.)
- Hazel-Atlas Glass Company. (See Stenhouse, David, assignor.)
- Hazel-Atlas Glass Co. (See Strider, Isaac H., assignor.)
- Hazel, Leo L., Portland, Oreg. Stain cover. 2,030,294; Feb. 11.
- Hazelett, Clarence W., Rocky River, Ohio. Metalworking process. 2,058,447; Oct. 27.
- Hazelett, Clarence W., Rocky River, Ohio. Metalworking. 2,058,448; Oct. 27.
- Hazeltine Corporation. (See Case, Nelson P., assignor.)
- Hazeltine Corporation. (See Farrington, John F., assignor.)
- Hazeltine Corporation. (See Harnett, Daniel E., assignor.)
- Hazeltine Corporation. (See Johnson, John K., assignor.)
- Hazeltine Corporation. (See Lewis, Harold M., assignor.)
- Hazeltine Corporation. (See Lewis, H. M., and Cawein, assignors.)
- Hazeltine Corporation. (See Lyons, Walter, assignor.)
- Hazeltine Corporation. (See Wheeler, Harold A., assignor.)
- Hazeltine Corporation. (See Wheeler, H. A., and Harnett, assignors.)
- Hazeltine Corporation. (See Wheeler, H. A., and Swinyard, assignors.)
- Hazeltine Corporation. (See Wheeler, H. A., Whitman, Case, and Swinyard, assignors.)
- Hazeltine, Rachel C., San Jose, Calif. Bathroom fixture. 2,043,540; June 9.
- Hazelton-De Bevoise Inc. (See Gagnon, Joseph X., assignor.)
- Hazelton, George, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon shoe parts. 2,026,634; Jan. 7.
- Hazelton, George, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 2,051,852; Aug. 25.
- Hazelton, George, C. H. James, and W. I. Bacon, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Heel and heel-seat fitting. 2,027,431; Jan. 14.
- Hazelton, George, C. H. James, and W. I. Bacon, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Slot forming machine. 2,046,454; July 7.
- Hazelton, Robert T., assignor to The Cincinnati Shaper Company, Cincinnati, Ohio. Shears for sheet metal. 2,047,322; July 14.
- Hazelwyn, Inc. (See Elliott, E. C., and Winberg, assignors.)
- Hazelzet, Leendert J. J., Rotterdam, Netherlands. Fuel briquette and method for the production of same. 2,042,894; June 2.
- Hazle, Albert J., Jr., assignor to B. F. Gump Co., Chicago, Ill. Clean-out mechanism for the ends of rolls. 2,058,869; Oct. 27.
- Hazle, Albert J., Jr., Chicago, and L. Rose, Hinsdale, assignors to B. F. Gump Co., Chicago, Ill. Shaking mechanism for screens. 2,058,870; Oct. 27.
- Hazlett, Adam J., assignor to The Eastern Rolling Mill Company, Baltimore, Md. Method and apparatus for rolling. 2,030,586; Feb. 11.
- Head, Casimir J., Montreal, Quebec, Canada. Producing sponge iron. 2,028,105; Jan. 14.
- Head, Ernest C., assignor to Gleason Works, Rochester, N. Y. Hob. 2,050,233; Aug. 4.
- Head, James E., El Dorado, Ark. Self-serving filling station. 2,051,597; Aug. 18.
- Head, Jerita B., San Francisco, Calif. Ornament holder. 2,046,781; July 7.
- Headlee, Thomas J., assignor to Endowment Foundation, New Brunswick, N. J. Treating materials electrostatically. 2,027,976; Jan. 14.
- Heald Machine Company, The. (See Blood, Harold L., assignor.)
- Heald Machine Company, The. (See Blood, H. L., and Burns, assignors.)
- Heald Machine Company, The. (See Blood, H. L., and Pickener, assignors.)
- Heald Machine Company, The. (See Einstein, Sol, assignor.)
- Heald Machine Company, The. (See Einstein, S., Booth, and Haas, assignors.)
- Heald Machine Company, The. (See St. John, Raymond A., assignor.)
- Heald Machine Company, The. (See Schmidt, William D., assignor.)
- Heald, Matthew L., Portland, Maine, assignor to American Can Company, New York, N. Y. Can end lining machine. 2,052,568; Sept. 1.
- Heald, William L., assignor of one-half to Flour Mills of America, Inc., Kansas City, Mo. Method of and apparatus for testing dough. 2,038,044; Apr. 21.
- Healy, Clifford S., Chicago, Ill. Apparatus for testing the viscosity of liquids. 2,049,162; July 28.
- Healy, Clifford S., Chicago, Ill. Apparatus for testing the viscosity of oil. 2,054,463; Sept. 15.
- Healy, Frank, Sandwich, Ontario, Canada. Faucet. 2,039,902; May 5.
- Healy, Jeremiah. (See Trottier, John E., assignor.)
- Healy, John J., Jr., Newton Upper Falls, assignor to Merrimac Chemical Company, Everett, Mass. Manufacture of pigmented paper. 2,042,338; May 26.
- Heans, John A., Berkeley, Calif. Vehicle signaling device. 2,044,300; June 16.
- Hearn, Walter L. (See Schur, M. O., and Hearn.)
- Hearne, George. (See Deanesly, R. M., and Hearne.)
- Hearne, George. (See Groll, Herbert P. A.)
- Hearne, George. (See Groll, H. P. A., and Hearne.)
- Heartz, Edwin B., Denver, Colo. Sectional pipe scaffolding. 2,037,980; Apr. 21.
- Heaslet, James G., Cleveland, assignor to The Cleveland Tractor Company, Cuyahoga County, Ohio. Tuber harvester. 2,030,587; Feb. 11.
- Heaslet, James G., Shaker Heights, assignor to The Cleveland Tractor Company, Cleveland, Ohio. Forming track shoes. 2,037,415; Apr. 14.
- Heaslet, James G., assignor to The Cleveland Tractor Company, Cleveland, Ohio. Front end suspension for track laying tractors. 2,064,747; Dec. 15.



- Heat Seal Corporation, The. (See Glunz, Henry F., assignor.)
- Heater, Albert W. (See Follett, E. C., and Heater.)
- Heaters Limited. (See Goldsmith, P. A. H., and Lapraik.)
- Heath, Charles W., Sioux City, Iowa. Submarine eye. 2,057,146; Oct. 13.
- Heath, Delos P., Detroit, Mich. One-piece sheet metal evaporator. 2,046,740; July 7.
- Heath, Delos P., Detroit, Mich. Refrigeration apparatus. 2,058,871; Oct. 27.
- Heath, Delos P., Detroit, Mich. Evaporator device. 2,059,864; Nov. 3.
- Heath, Delos P., Detroit, Mich. Sheet metal evaporator. 2,060,072; Nov. 10.
- Heath, Frank M., Silver Spring, Md. Flush tank. 2,058,449; Oct. 27.
- Heath, George B. and G. F., St. Louis, Mo. Street-lamp. 2,063,095; Dec. 8.
- Heath, George F. (See Heath, George B. and G. F.)
- Heath, Harry C., San Francisco, Calif. Electric vacuum horn. 2,041,925; May 26.
- Heath, Harry C., Oakland, Calif. Sign changing apparatus. 2,061,030; Nov. 17.
- Heath, Laurence R., Arlington, Mass. Muffler. 2,034,186; Mar. 17.
- Heath, Oliver J. (See Yaker, G. F., and Heath.)
- Heath, Sheldon B., and M. F. Ohman, assignors to The Dow Chemical Company, Midland, Mich. Treating crude silver iodide. 2,035,431; Mar. 24.
- Heath, Wilfrid P., Seattle, Wash. Game. 2,058,079; Oct. 20.
- Heating, Ventilating & Air Conditioning Co. Inc. (See Smith, Leonard C., assignor.)
- Heaton, Dwight R. P., Chappaqua, N. Y. Telltale for automobile lights. 2,051,141; Aug. 18.
- Heaton, Herman C., Kenilworth, and W. E. Watt, Evanston, Ill., assignors to B. F. Sturtevant Company. Ventilating system. 2,064,912; Dec. 22.
- Heatwole, John R., assignor to Snapp Foundry Inc., Winchester, Va. Brooder stove. 2,045,356; June 23.
- Heavey, Thomas J., U. S. Army, Fort Riley, Kans. Rear sight. 2,034,719; Mar. 24.
- Hebeisen, Rudolf, Wohlen, Aargau, Switzerland. Device for receiving and discharging measured quantities of liquid. 2,053,714; Sept. 8.
- Heberlein, Georges, Wattwil, Switzerland, assignor to Heberlein Patent Corporation, New York, N. Y. Producing products from artificial silk. 2,046,741; July 7.
- Heberlein, Georges, Wattwil, Switzerland, and W. Elsaesser, Ridgewood, N. J., assignors to Heberlein Patent Corporation, New York, N. Y. Treating animal silk. 2,056,271; Oct. 6.
- Heberlein Patent Corporation. (See Heberlein, Georges, assignor.)
- Heberlein Patent Corporation. (See Heberlein, G., and Elsaesser, assignors.)
- Hebermehl, Reinhard. (See Rosenthal, L., and Hebermehl.)
- Hebert, Neville, Jeanerette, La. Agricultural implement. 2,049,203; July 28.
- Hebert, Raoul J., Worcester, Mass. Pattern gate construction. 2,061,798; Nov. 24.
- Hebley, Henry F., and K. Frins, Chicago, Ill. Drier. 2,027,977; Jan. 14.
- Hébrard, Henri F. (See Bardou-Job, P. M. J., and Hébrard.)
- Hechenbleikner, Ingenuin, assignor to Chemical Construction Corporation, Charlotte, N. C. Contact method of sulphuric acid manufacture. 2,038,429; Apr. 21.
- Hechenbleikner, Ingenuin, assignor to Chemical Construction Corporation, Charlotte, N. C. Treatment of sulphur bearing ores. 2,039,645; May 5.
- Hecht, Gerhard. (See Reitmann, J., and Hecht.)
- Hecht, Hermann. (See Hubert E., and Hecht.)
- Hecht, Joseph L., Davenport, Iowa, assignor to French & Hecht, Incorporated. Making metal wheels. 2,059,346; Nov. 3.
- Hecht, Max. (See Rodman, C. J., Hecht, and Jones.)
- Heck, Adolf, assignor to Cook Paint & Varnish Company, Kansas City, Mo. Manufacture of resins. 2,027,337; Jan. 7.
- Heck, Adolf, assignor to Cook Paint & Varnish Company, Kansas City, Mo. Manufacture of varnish bases. 2,027,338; Jan. 7.
- Heck, Adolf, assignor to Cook Paint & Varnish Company, Kansas City, Mo. Manufacture of varnish resins, varnishes and like coating compositions. 2,027,339; Jan. 7.
- Heck, Adolf, assignor to Cook Paint & Varnish Company, Kansas City, Mo. Beer lacquer. 2,060,572; Nov. 10.
- Heck, Albert F., assignor to The Collette Manufacturing Company, Amsterdam, N. Y. Bladder for footballs and the like. 2,062,247; Nov. 24.
- Heck, Albert F., assignor to The Collette Manufacturing Company, Amsterdam, N. Y. Making bladders for footballs and the like. 2,062,248; Nov. 24.
- Heck, Cornelius V. (See Burke, B. S., and Heck.)
- Heckart, William, Bradner, Ohio. Drinking attachment for pumps. 2,044,117; June 16.
- Heckel, John T., and R. S. Walker, Indianapolis, Ind., assignors to Gold Dust Corporation, New York, N. Y. Method of and machine for uniting layers of material. 2,029,922; Feb. 4.
- Heckel, John T., and R. S. Walker, Indianapolis, Ind., assignor to Gold Dust Corporation, New York, N. Y. Liner. 2,055,625; Sept. 29.
- Hecker, Arthur W., Shaker Heights, Ohio. Bracing system for concrete forms. 2,057,378; Oct. 13.
- Heckert, Frederick W., Oakwood, Ohio. Fuel pump for aircraft engines. 2,060,209; Nov. 10.
- Heckert, Winfield W., Ardentown, Del., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Preparation of finely divided calcium sulphate. 2,044,942; June 23.
- Heckert, Winfield W., Ardentown, Del., assignor to Du Pont Rayon Company, New York, N. Y. Preparation of dispersions. 2,060,210; Nov. 10.
- Heckman, Eugene M., Pittsburgh, Pa. Cleansing fluid filtration. 2,041,763; May 26.
- Heckman, John A., Lincoln, Nebr., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Overhead door. 2,064,470; Dec. 15.
- Hedberg, Carl W. J., and R. B. Hesson, Bound Brook, N. J., assignors to Research Corporation, New York, N. Y. Electrical gas treatment. 2,040,378; May 12.
- Hedburg, Harry W., Fresno, Calif. Motor vehicle air conditioner. 2,031,041; Feb. 18.
- Hedden, James A., Philadelphia, Pa. Screw driver. 2,050,320; Aug. 11.
- Hedden, Lyle J. (See Kimball, W. D., Hedden, and Arnold.)
- Hedding, Linnie K. (See Witmer, H. G., and Hedding.)
- Hedeen, Elmer N., and H. B. Turner, Mansfield, Ohio. Casket crypt. 2,030,588; Feb. 11.
- Hedelund, Fred T., assignor of one-half to L. B. Winters, Sandusky, Ohio. Roller skate and attaching means therefor. 2,044,211; June 16.
- Heden, Scott E., Gresham, Oreg. Automatic electric circuit breaker. 2,047,585; July 14.
- Hedgcock, William C. (See Oelkers, A. H., and Hedgcock.)
- Hedgcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 2,026,534; Jan. 7.
- Hedgcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Bolster. 2,029,822; Feb. 4.
- Hedgcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 2,032,479; Mar. 3.
- Hedgcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 2,045,299; June 23.
- Hedgcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 2,051,598; Aug. 18.
- Hedgcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 2,051,599; Aug. 18.
- Hedgcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 2,051,600; Aug. 18.
- Hedgcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Wheel and axle assembly. 2,063,738; Dec. 8.
- Hedgcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 2,064,471; Dec. 15.
- Hedgcock, William C., Wilmette, and H. C. Keysor, La Grange Park, assignors to American Steel Foundries, Chicago, Ill. Truck. 2,063,739; Dec. 8.
- Hedge, Bess M., Oklahoma City, Okla. Display device. 2,046,896; July 7.
- Hedges, Harry O., assignor to Hedges Motor Company, Seattle, Wash. Internal combustion engine. 2,064,913; Dec. 22.
- Hedges, James A., Chicago, Ill. Filing cabinet. 2,043,893; June 9.
- Hedges, James A., Chicago, Ill. Filing cabinet. 2,056,853; Oct. 6.
- Hedges Motor Company. (See Hedges, Harry O., assignor.)
- Hedges, Ross E., assignor of one-half to H. L. Adams, Cadiz, Ohio. Combination ladder. 2,066,108; Dec. 29.
- Hedgpeth, Theron L., Oak Park, assignor to Duro Metal Products Company, Chicago, Ill. Sanding machine. 2,044,982; June 23.
- Hedgpeth, Theron L., Oak Park, assignor to Duro Metal Products Company, Chicago, Ill. Belt and pulley measuring apparatus. 2,044,983; June 23.
- Hedler, Edwin C., assignor to Bendix Aviation Corporation, South Bend, Ind. Cable fitting for field use and making same. 2,060,864; Nov. 17.
- Hedlund, Nels J., Minneapolis, Minn. Churn. 2,030,641; Feb. 11.
- Hedlund, William T., Mount Vernon, assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,044,609; June 16.
- Hedly, Arthur H., assignor to Ludlow Typograph Company, Chicago, Ill. Matrix and manufacturing the same. 2,028,978; Jan. 28.
- Hedman, Erik G., Buffalo, N. Y. Weighing scale. 2,034,234; Mar. 17.
- Heegeman, George, Appleton, Wis. Bearing puller. 2,050,005; Aug. 4.
- Heegner, Kurt, Berlin, Germany. Crystal oscillator. 2,053,524; Sept. 8.
- Heegner, Kurt, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Production of oscillations. 2,031,106; Feb. 18.
- Heel Finisher, Inc. (See Lyon, Harry, assignor.)



- Heenan & Froude Limited. (See Walker, George H., assignor.)
- Hefeje, Edward J., Amityville, N. Y. Loop antenna. 2,062,129; Nov. 24.
- Hefeje, Edward J., assignor to Airplane and Marine Direction Finder Co., Lindenhurst, N. Y. Radio direction finding. 2,044,789; June 23.
- Hefeje, John R., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro-optical system. 2,037,166; Apr. 14.
- Heffelfinger, Arthur E., New York, assignor to The Symington Company, Rochester, N. Y. Draft rigging. 2,039,247; Apr. 28.
- Heffelfinger, Paul E. (See Jung, O. H., and Heffelfinger.)
- Heffernan, Francis P., McLean, and N. C. Stull, Cortland, N. Y. Abnormal milk detector. 2,055,078; Sept. 22.
- Heffner, Lawrence L., assignor to Wm. E. Hooper & Sons Company, Baltimore, Md. Fabric for humidification of air and method of making. 2,045,137; June 23.
- Heffron, William I., trustee. (See Williams, Charles L.)
- Heifner, Raymond L., Hickory, N. C. Pavement marking machine. 2,026,678; Jan. 7.
- Heftler, Victor R. (See Tweddell, Oscar G., assignor.)
- Heftler, Victor R., Grosse Pointe Park, Mich. Carburetor. 2,034,097; Mar. 17.
- Heftler, Victor R., Grosse Pointe Park, Mich. Carburetor. 2,066,003; Dec. 29.
- Hefty, Birger, Tampico, Mex. Vertical double action pump. 2,028,067; Jan. 14.
- Hefty, Birger, Tampico, Mexico. Fluid motor. 2,042,001; May 26.
- Hegan, Chester P., assignor to American Air Filter Company, Inc., Louisville, Ky. Auxiliary air filter frame. 2,062,649; Dec. 1.
- Hegenberger, Albert F., and A. W. Knisley, Dayton, Ohio. Sextant. 2,031,601; Feb. 25.
- Heger, Fernand. (See Callier, A., and Heger.)
- Hegge, Heinrich. (See Rumscheldt, C., Jeltsch, Strzyzewski, and Hegge.)
- Heggem, Alfred G., Tulsa, Okla. Valve. 2,039,220; Apr. 28.
- Heggie, James. (See Corral, H., and Heggie.)
- Hegnes, Peter J., Canton, S. Dak. Corncrib and granary. 2,045,082; June 23.
- Hegwein, Georg, Stuttgart, assignor to Junkers & Co. G. m. b. H., Dessau, Germany. Safety control apparatus for gas burners. 2,037,684; Apr. 14.
- Hehn, William A., Jamestown, N. Dak. Dairy sediment filter. 2,064,259; Dec. 15.
- Heiber, William G., and E. R. Meng, assignors to said W. G. Heiber, doing business as William Heiber & Son, Rochester, N. Y. Clamp. 2,066,148; Dec. 29.
- Heiber, William & Son. (See Heiber, W. G., and Meng, assignors.)
- Heid, Edward L., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire building apparatus. 2,045,554; June 23.
- Heid, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,046,897; July 7.
- Heid, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,047,779; July 14.
- Heid, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,055,896; Sept. 29.
- Heidecke, Reinhold, et al. (See Baumgärtner, Wilhelm, assignor.)
- Heideman, Fred J., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,058,872; Oct. 27.
- Heiden, George L. (See Douglas, J. K., and Heiden.)
- Heidenhain, Johannes, Berlin-Schlachtensee, Germany. Production of dials, scales, and the like. 2,042,049; May 26.
- Heidenthal, Warren C., Middletown, assignor to Ramapo Ajax Corporation, New York, N. Y. Rail lubricator. 2,059,235; Nov. 3.
- Heidleff, Joseph R., South Bend, Ind., assignor to Hydraulic Brake Company, Detroit, Mich. Hose coupling. 2,038,217; Apr. 21.
- Heidrich, John, Los Angeles, Calif. Fishing leader. 2,060,499; Nov. 10.
- Heidt, Alexander J. (See Ribble, C. H., and Heidt.)
- Heifetz, Solomon A., Milwaukee, Wis. Dispensing container. 2,031,886; Feb. 25.
- Heifetz, Solomon A., Milwaukee, Wis. Collapsible container. 2,031,887; Feb. 25.
- Heigis, Henry E. (See Hill, V. J., Jr., Heigis, and Towart.)
- Heigis, Henry E., West Orange, assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Automatic fire protection system and apparatus. 2,033,073; Mar. 3.
- Heigis, Henry E., West Orange, assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Release device for inflatable flotation devices. 2,036,695; Apr. 7.
- Heil Co., The. (See Eisenberg, Charles G., Jr., assignor.)
- Heil Co., The. (See Frenzel, Herman C., Jr., assignor.)
- Heil Co., The. (See Gruber, Earl B., assignor.)
- Heil Co., The. (See Maloon, Earl B., assignor.)
- Heil Co., The. (See Thwaits, Frederick G., assignor.)
- Heil, Rudolf. (See Laska, L., and Heil, assignors.)
- Heilbron, Isidor M. (See Baldwin, A. W., Heilbron, and Jones.)
- Heileman, Charles J., Park Hills, Ky. Wrist watch band. 2,065,581; Dec. 29.
- Heilmann, Josué R. (See Coupier, M. M. J. E., Heilmann, and Mildé.)
- Heilner, Gustav, Berlin-Fichtengrund, assignor to the firm Chemische Fabriken Dr. Joachim Wiernik & Co., Aktien-gesellschaft, Berlin-Waidmannslust, Germany. 5-isopropyl-5-furomethyl barbituric acid. 2,035,317; Mar. 24.
- Heilner, Gustav, Berlin-Fichtengrund, post Friedrichsthal, Germany, assignor to Chemische Fabriken Dr. Joachim Wiernik & Co. Aktiengesellschaft, Berlin-Waidmannslust, Germany. Production of diaminoalcohols of the aromatic series. 2,046,946; July 7.
- Heilner, Gustav, Berlin-Fichtengrund, post Friedrichsthal, assignor to Chemische Fabriken Dr. Joachim Wiernik & Co., Aktiengesellschaft, Berlin-Waidmannslust, Germany. Production of diaminoalcohols of the aromatic series. 2,046,947; July 7.
- Heilwell, Samuel, assignor of one-third to I. Wasserberg, and one-third to S. Wolinsky, New York, N. Y. Magazine brush. 2,041,605; May 19.
- Heim, Daniel C., Sunbury, assignor to A. B. Farquhar Co., Limited, York, Pa. Apparatus for treating plants for parasites. 2,040,845; May 19.
- Heim, Daniel C., Sunbury, assignor to A. B. Harquhar Co., Limited, York, Pa. Distributing nozzle. 2,048,505; July 21.
- Heim, Gustav A. M., Arnhem, Netherlands, assignor to North America Rayon Corporation, New York, N. Y. Apparatus for the winding of filaments. 2,062,881; Dec. 1.
- Heim, Lewis R., Mount Dora, Fla. Roller bearing construction. 2,044,168; June 16.
- Heim, Oscar, Jamaica, N. Y. Concertina and accordion operation. 2,057,830; Oct. 20.
- Heim, Roy A., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Adjustable shelf. 2,057,429; Oct. 13.
- Heimann, Hugo, Haifa, Palestine, assignor to the firm of Bayerische-Stickstoff-Werke, Aktiengesellschaft, Berlin, Germany. Producing ammonium sulphate. 2,044,167; June 16.
- Heimbach, Frank S., and W. Leischel, Chicago, Ill. Cylinder sleeve press. 2,036,475; Apr. 7.
- Heimers, Rudolf, Mexico, D. F., Mexico. Puzzle-lock. 2,040,740; May 12.
- Heimers, Rudolf, Tacubaya, D. F., Mexico. Violin holder. 2,061,464; Nov. 17.
- Heimsath, Gus, New Waterford, Ohio. Power plane. 2,030,520; Feb. 11.
- Hein, Carl C. (See Wilson, E. D., and Hein.)
- Hein, George N., San Francisco, Calif. Needle syringe equipment. 2,034,294; Mar. 17.
- Hein, Gothard G., assignor to Hein-Werner Motor Parts Corporation, Waukesha, Wis. Jack. 2,028,905; Jan. 28.
- Hein, Hermann, assignor to Kraft & Weichardt, Bremen, Germany. Landing sail side beam. 2,051,709; Aug. 18.
- Hein-Werner Motor Parts Corporation. (See Hein, Gothard G., assignor.)
- Heinbuch, George W., Toronto, Ontario, Canada, assignor to General Electric Company. Electrical heating device. 2,063,096; Dec. 8.
- Heindel, Lyman. (See Britton, E. C., Heindel, and Bryner.)
- Heine, Charles, Lexington, Nebr. Hanger. 2,047,068; July 7.
- Heine, Charles H. (See Cleveland, C. H., Heine, and Allison.)
- Heine, Herman E. (See Mullett, H. A., and Heine.)
- Heine, Hermann, assignor to E. Leitz, Optische Werke, Wetzlar, Germany. Ball-bearing for scientific instruments. 2,028,718; Jan. 21.
- Heineman, Arthur S., Los Angeles, Calif. Butter package. 2,037,723; Apr. 21.
- Heineman, Arthur S., Los Angeles, Calif. Carton. 2,039,315; May 5.
- Heineman, Warren F., Shorewood, Wis. Valve. 2,048,864; July 28.
- Heinemann Electric Company. (See Dowler, Jacob W., assignor.)
- Heinemann Electric Company. (See Owens, Carl P., assignor.)
- Heinemann, Rudolf, Berlin, Germany. Vehicle direction indicator. 2,028,664; Jan. 21.
- Heinen, Joseph, Long Beach, Calif. Valve. 2,049,805; Aug. 4.
- Heinis, Hugo, Geneva, Switzerland. Endless film reel. 2,042,599; June 2.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Lace attachment for knitting machines. 2,035,960; Mar. 31.
- Heinitz, Woldemar, assignors to Schubert & Salzer, Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Flat knitting machine. 2,038,735; Apr. 28.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Selecting device. 2,046,072; June 30.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Knitting. 2,062,221; Nov. 24.
- Heinitz, Woldemar, assignor to Schubert & Salzer, Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Auxiliary presser. 2,062,222; Nov. 24.
- Heinitz, Woldemar, assignor to Schubert & Salzer, Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Device for limiting the movements of thread guide bars. 2,062,223; Nov. 24.



- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Clock attachment for flat knitting machines. 2,062,224; Nov. 24.
- Heinlein, Eugen, Berlin, Germany. Method of manufacturing thin-walled shaped bodies. 2,027,314; Jan. 7.
- Heinrich, Bruno. (See Tucker, E. W., Jr., and Heinrich.)
- Heinrich, Jean, assignor to Société des Moteurs Salmson, Paris, France. Air cooled engine. 2,043,170; June 2.
- Heinrich, Walter A., assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical connector. 2,062,882; Dec. 1.
- Heinrich, Walter A., assignor to James R. Kearney Corporation, St. Louis, Mo. Ground rod. 2,065,184; Dec. 22.
- Heinrich, William F., North Bergen, N. J. Type form tie. 2,028,449; Jan. 21.
- Heinrich Zeiss-Unionzeiss A. G., et al. (See Hartweig, Wilhelm, assignor.)
- Heins, John J., Jr. (See Douglas, E. R., Heins, and Edel.)
- Heintz & Kaufman, Ltd. (See Eitel, W. W., and McCullough, assignors.)
- Heintz, James C., Lakewood, Ohio. Work fitter for tire vulcanizers. 2,038,736; Apr. 28.
- Heintz, James C., Lakewood, Ohio. Tire retreading method. 2,047,684; July 14.
- Heintz & Kaufman, Ltd. (See Eitel, William W., assignor.)
- Heintz & Kaufman, Ltd. (See Eitel, W. W., and McCullough, assignors.)
- Heintz & Kaufman, Ltd. (See Heintz, Ralph M., assignor.)
- Heintz & Kaufman, Ltd. (See McCullough, Jack, assignor.)
- Heintz and Kaufman, Ltd. (See Shermund, Ralph C., assignor.)
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. High frequency generator. 2,026,892; Jan. 7.
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Variable inductor. 2,030,369; Feb. 11.
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Shielded electrode tube. 2,034,433; Mar. 17.
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Basing cement. 2,034,434; Mar. 17.
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Shielded electrode tube. 2,037,231; Apr. 14.
- Heinze Development Company. (See Heinze, John O., assignor.)
- Heinze, John O., Detroit, Mich., assignor to Heinze Development Company. Turbo air compressor. 2,028,603; Jan. 21.
- Heinze, John O., Detroit, Mich., assignor, by mesne assignments, to Heinze Development Company. Bearing. 2,029,717; Feb. 4.
- Heinze, John O., assignor to Heinze Development Co., Detroit, Mich. Combined mixer and fuel supplying means. 2,038,288; Apr. 21.
- Heinze, John O., assignor to Heinze Development Co., Detroit, Mich. Pneumatic load carrying device. 2,062,574; Dec. 1.
- Heinze, John O., assignor to Heinze Development Company, Detroit, Mich. Charge forming device. 2,065,582; Dec. 29.
- Heinze, Max P., Chicago, Ill. Mechanical mixer. 2,034,902; Mar. 24.
- Heinze, Paul. (See White, P. W., and Heinze.)
- Heinze, William A. (See Victor, J. H., and Heinze.)
- Heinze, William A. (See Victor, John H. and B. J., and Heinze.)
- Heinze, William A., assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Grease retainer with channeled spacer. 2,040,379; May 12.
- Heinze, William A., assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Housed armored grease retainer. 2,061,153; Nov. 17.
- Heinzel, Albert. (See Schlecht, L., and Heinzel.)
- Heinzel, Irving R., et al. (See Wiedhoff, Alfred H., assignor.)
- Heinzel, Joseph, Copiague, N. Y. Oil and gas burner. 2,064,914; Dec. 22.
- Heinzmann, Otto J., et al. (See Blair, James H., assignor.)
- Heise, Arthur C., and M. W. Jacobi, Baltimore, Md. Razor blade sharpener. 2,044,688; June 16.
- Heise, Arthur C., and M. W. Jacobi, Baltimore, Md., Refrigerator door construction. 2,052,466; Aug. 25.
- Heise, George W., North Olmstead, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Battery. 2,065,893; Dec. 29.
- Heise, Wilhelm, Munich-Pasing, Germany. Mechanical production of shading plates. 2,039,412; May 5.
- Heisenfeldt, Louis, Niagara, Wis. Ashtray. 2,059,105; Oct. 27.
- Heiser, Henry C., Middleburg Heights, assignor to The Astrup Company, Cleveland, Ohio. Tensioned awning arm. 2,038,045; Apr. 21.
- Heisey, A. H., & Company. (See Wooles, Ronald L., assignor.)
- Heisig, Max, Brooklyn, N. Y. Sanitary doorknob. 2,044,904; June 23.
- Heising, Raymond A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio transmitting system. 2,028,212; Jan. 21.
- Heising, Raymond A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mechanical vibrating system. 2,044,000; June 16.
- Heiskell, William C., Joplin, Mo. Spacer balance for cream separator bowls. 2,056,518; Oct. 6.
- Heiss, John P., G. C. Carhardt, and A. J. Jansson, Flint, assignors to General Motors Corporation, Detroit, Mich. Power-operated clutch. 2,058,586; Oct. 27.
- Heisser, Otto E., Chicago, Ill. Device for cleaning drain traps. 2,059,733; Nov. 3.
- Heitlage, Henry. (See Reid, F., and Heitlage.)
- Heitman, Edward, assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,033,828; Mar. 10.
- Heitman, Fred P., Yerington, Nev. Battery terminal clamp bolt. 2,049,649; Aug. 4.
- Heitmann, Heinrich, Magdeburg, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Apparatus for the continuance extraction of material. 2,043,409; June 9.
- Heitzmann, Enrique, Buenos Aires, Argentina. Liquid sterilizing apparatus. 2,065,583; Dec. 29.
- Heitzmann, Louis, Long Island City, assignor to Harry J. Sohmer, New York, N. Y. Piano. 2,061,154; Nov. 17.
- Hekking, André, Neuilly sur Seine, France. Device facilitating the slip of motor car trailers coupled to one or several axles. 2,050,948; Aug. 11.
- Heko-Werk Chemische Fabrik A. G. (See Keil, Alfred, assignor.)
- Hektner, Joel, assignor to The Timken Roller Bearing Company, Canton, Ohio. Water excluding ring for axle bearings. 2,055,532; Sept. 29.
- Helber, Jacques, Geneva, Switzerland. Intermittently actuated mechanism. 2,032,414; Mar. 3.
- Helberger, Johann H. (See Lange, H., and Helberger.)
- Helbig, Albin B., Kaiserslautern, Germany, assignor of one-half to Victor Balzer Reichwald, Kent, England. Combined grinding and separating apparatus for granular substances. 2,034,981; Mar. 24.
- Held, Ralph H. (See Fahn, Lawrence, assignor.)
- Heldenbrand, Carl H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Cushioning structure. 2,029,370; Feb. 4.
- Helenberg, John, Houston, Tex. Steam valve gear. 2,036,631; Apr. 7.
- Helenberg, John, Houston, Tex. Pressure actuated trip valve. 2,048,550; July 21.
- Helfstine, Leroy C., Dayton, Ohio. Ventilating means for automobiles. 2,055,843; Sept. 29.
- Helfrich, John, Westfield, assignor to Newark Paraffine & Parchment Paper Co., Newark, N. J. Wrapping material for an edible product. 2,051,170; Aug. 18.
- Helfrich, Lewis, W. Helfrich, and O. H. Corvington, Akron, Ohio. Fountain comb. 2,031,774; Feb. 25.
- Helfrich, William. (See Helfrich, Lewis and W., and Corvington.)
- Helgason, Helgi, Los Angeles, Calif. Combination tool. 2,060,415; Nov. 10.
- Helgeby, Ralph O. (See Ely, E. W., and Helgeby.)
- Helgeby, Ralph O., Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Pointer type speedometer. 2,027,589; Jan. 14.
- Helgeby, Ralph O., Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Speedometer. 2,046,163; June 30.
- Helin, Charles, Detroit, Mich. Fish lure. 2,033,829; Mar. 10.
- Hellan, Haakon, Chicago, Ill. Reversing valve. 2,048,696; July 28.
- Heilbach, Rudolph, Washington, D. C. Apparatus for heating at controlled temperatures. 2,045,466; June 23.
- Helle, Warren W., Chicago, Ill. Spout for liquid containers. 2,061,071; Nov. 17.
- Heller, Frank P., Reading, Pa. Handling attachment for radiators and the like. 2,040,134; May 12.
- Heller, Henry C., East Lansdowne, Pa., assignor to Baldwin-Southwark Corporation. Adjustable clearance mechanism. 2,047,167; July 7.
- Heller, Lewis W. (See Webster, H., and Heller.)
- Heller, Paul E., Newark, N. J. File and making the same. 2,027,039; Jan. 7.
- Heller, Paul E., Newark, N. J. Curved tooth file. 2,027,040; Jan. 7.
- Hellerud, Henry A. (See Sands, J., and Hellerud.)
- Hellgren, Gustaf H. (See Gustafsson, E. V., and Hellgren.)
- Hellig, Oscar A., Monson, Mass. Household steam boiler. 2,046,455; July 7.
- Hellige, Paul A. E., Jackson Heights, N. Y. Colorimeter. 2,050,608; Aug. 11.
- Helliwell, Guy S. (See Bromley, T. C., and Helliwell.)
- Hellman, Carl A., et al. (See Wichman, R. D., Jr., and McClellan, assignors.)
- Hellmer, Louis, Merrick, N. Y. Direction indicator. 2,061,401; Nov. 17.
- Hellmers, Henry D., assignor to West End Chemical Company, Westend, Calif. Production of noncrystalline borax. 2,062,650; Dec. 1.



- Hellyar, Charles H., assignor to The Fafnir Bearing Company, New Britain, Conn. Lapping device. 2,065,221; Dec. 22.
- Helm, Carl H., Polson, Mont. Rabbit feeder. 2,053,994; Sept. 8.
- Helm, Max, Berlin-Niederschönhausen, assignor to Allgemeine Elektrizitäts-Gesellschaft, Berlin, Germany. Change-over mechanism for valves, especially such of dry gas-meters. 2,049,839; Aug. 4.
- Helman, Joseph N., Wilkinsburg, Pa. Temple connection for spectacles. 2,053,907; Sept. 8.
- Helmer, Govert, Surahammar, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Way of manufacturing fireproof nozzles for ladles. 2,063,377; Dec. 8.
- Helmes, Maximilian J., Springfield, Mass. Beverage mixing device. 2,029,234; Jan. 28.
- Helmholtz, Arthur W. (See Dent, F., and Helmholtz.)
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,036,272; Apr. 7.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,036,273; Apr. 7.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,044,002; June 16.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,051,041; Aug. 18.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,053,079; Sept. 1.
- Helmores, William. (See Griffith, A. A., and Helmore.)
- Helmore, William, and A. A. Griffith, Hampshire, assignors to H. M. Hobson (Aircraft and Motor) Components Limited, London, England. Induction system for internal combustion engines. 2,045,389; June 23.
- Helms, Harry W., Detroit, Mich., assignor to Highway Trailer Company, Edgerton, Wis. Hoist for semitrailers. 2,027,098; Jan. 7.
- Helms, Harry W., Detroit, Mich., assignor to Highway Trailer Company, Edgerton, Wis. Hoist for semitrailers. 2,045,647; June 30.
- Helmuth, Louis W., and A. E. Meade, Lakewood, Ohio. Decanting device and attaching same. 2,035,808; Mar. 31.
- Helping Hand Institute, The. (See Olson, Carl A., assignor.)
- Helsel, Reuben H., Long Island City, assignor to General Register Corporation, Brooklyn, N. Y. Ticket issuing machine. 2,041,831; May 26.
- Helsel, Reuben H., Long Island City, assignor to General Register Corporation, New York, N. Y. Inker for self-printing ticket machine. 2,046,742; July 7.
- Heltzel, John N., Warren, Ohio. Stone spreading machine. 2,065,698; Dec. 29.
- Helwig, Drew M., Overlea, assignor to The Glenn L. Martin Company, Baltimore, Md. Gunner compartment. 2,033,768; Mar. 10.
- Hembs, Alfred G., Chicago, Ill. Machine for taping lamp shades. 2,036,142; Mar. 31.
- Hemingway, Marcus B., New Haven, Conn. Doorcheck. 2,027,170; Jan. 7.
- Hemingway, Wilson, Jr., Philadelphia, Pa., and J. Whyte, Chicago, Ill., assignors to Electrolock Manufacturing Company, Vicksburg, Miss. Transmission lock for automobiles. 2,046,379; July 7.
- Hemmerich, Paul, assignor to The Duffy Silk Company, Buffalo, N. Y. Thread cleaner for textile machines. 2,064,159; Dec. 15.
- Hemmerly, Earl S., Philadelphia, Pa. Shading lens. 2,063,502; Dec. 8.
- Hempel, Anna, Berlin, Germany. Rubber brush. 2,065,584; Dec. 29.
- Hempel, Paul, Cologne, Germany. Spectacle frame. 2,064,604; Dec. 15.
- Hemperly, Hugh. (See Wright, H., and Hemperly.)
- Hemphill, Arthur R., Egg Harbor City, N. J. Heat exchanger or cooler. 2,028,213; Jan. 21.
- Hemphill, Arthur R., Egg Harbor City, N. J. Heat exchanger or cooler. 2,060,211; Nov. 10.
- Hemphill Company. (See Baugh, John H., assignor.)
- Hemphill Company. (See Lawson, John, assignor.)
- Hemphill Company. (See Lawson, John and R. H., assignors.)
- Hemphill Company. (See Lawson, Robert H., assignor.)
- Hemphill Company. (See Lawson, R. H., and Cloutier, assignors.)
- Hemphill Company. (See Lawson, R. H., Cloutier, and Hutton, assignors.)
- Hemphill Company. (See McNaughton, Don A., assignor.)
- Hemphill, Stanley R., Seattle, Wash. Locking device. 2,041,065; May 19.
- Hempstone, Elizabeth N., assignor to E. E. Graves, Washington, D. C. Combination book series and toy house. 2,059,964; Nov. 3.
- Henchert, John. (See Engelman, J. J., Henchert, and Baker.)
- Henchert, John, Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Dispensing container. 2,044,689; June 16.
- Hencky, Karl. (See Bayer, J., Haltmeier, and Hencky.)
- Hendel, Alexander G. (See Hendel, William H. and A. G.)
- Hendel, Georg, Baden, Ontario, Canada. Root harvesting machine. 2,027,479; Jan. 14.
- Hendel, William H. and A. G., Minneapolis, Minn. Tire pressure measuring device. 2,051,042; Aug. 18.
- Henderson, Albert, Pittsburgh, Pa. Structural steel member. 2,042,463; June 2.
- Henderson, Charles R. (See Lochhead, Elmer C., assignor.)
- Henderson, Charles S., Grandview Heights, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling mechanism. 2,053,147; Sept. 1.
- Henderson, Clarence S., Downers Grove, assignor to Acme Steel Company, Chicago, Ill. Readybound crate. 2,042,339; May 26.
- Henderson, Clark T., Burlingame, Calif. Paper making. 2,032,615; Mar. 3.
- Henderson, Clark T., Burlingame, Calif., assignor to Wallace & Tiernan Company, Inc., Belleville, N. J. Sterilization of pulp and white water. 2,061,031; Nov. 17.
- Henderson, Edward O. (See Henderson, Herbert B. and E. O.)
- Henderson, Edward O., New Brighton, Pa. Piepan. 2,033,574; Mar. 10.
- Henderson, Herbert B. and E. O., New Brighton, Pa. Pyrometric device. 2,028,507; Jan. 21.
- Henderson, James B., London, England. Automatic steering control. 2,049,375; July 23.
- Henderson, James P. (See Fairchild, C. O., and Henderson.)
- Henderson, Lawrence M., Narberth, assignor to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil treatment. 2,030,870; Feb. 18.
- Henderson, Leon. (See Henderson, Thomas J. and L.)
- Henderson, Leonard B., assignor to Accles and Pollock Limited, Oldbury, Birmingham, England. Construction of motor vehicle bodies. 2,034,982; Mar. 24.
- Henderson, Leonard B., Oldbury, Birmingham, assignor to Accles and Pollock Limited, Birmingham, England. Operating and securing windows, doors, and the like. 2,036,939; Apr. 7.
- Henderson, Lloyd F. (See Crocker, E. C., and Henderson.)
- Henderson, Oliver, Cleveland Heights, Ohio, assignor to American Telephone and Telegraph Company. Telephone line. 2,039,413; May 5.
- Henderson, Robert, Philadelphia, Pa. Dispensing container. 2,056,102; Sept. 29.
- Henderson, Robert R., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,063,740; Dec. 8.
- Henderson, Rose B. (See Schlemmer, Phil G., assignor.)
- Henderson, Russell S., Morristown, assignor to Weldon Roberts Rubber Co., Newark, N. J. Eraser device. 2,046,743; July 7.
- Henderson, Thomas J., and L. Henderson, Bayport, N. Y. Electrically heated safety razor. 2,063,808; Dec. 8.
- Henderson, Weldon, D., Hollywood, Calif. Dispensing fountain brush. 2,026,832; Jan. 7.
- Henderson, Wesley B., Cuba, Ill. Aileron control system for aeroplanes. 2,045,269; June 23.
- Hendy, George A., Rome, N. Y. Wiping tool. 2,048,792; July 28.
- Hendley, James A., assignor to The Russell Manufacturing Company, Middletown, Conn. Cartridge belt for machine guns and the like. 2,061,072; Nov. 17.
- Hendley, James A., assignor to The Russell Manufacturing Company, Middletown, Conn. Elastic tape for slide fasteners and the like. 2,061,073; Nov. 17.
- Hendrey, Waldersee B., Beacon, assignor to The Texas Company, New York, N. Y. Lubricating compound. 2,058,788; Oct. 27.
- Hendrick, Wallace M., Great Neck, and G. Loeffler, Jr., Flushing, N. Y. Apparatus for bituminous mixing. 2,028,745; Jan. 28.
- Hendricks, Albert E. (See Fraher, R. E., Butler, Hendricks, and Lipman.)
- Hendricks, Simeon B., and J. M. Markel, Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Lister-planter. 2,031,650; Feb. 25.
- Hendrickson, Leonard J., Mansfield, Ill. Apparatus for delivering train orders. 2,041,247; May 19.
- Hendrickson, Severin, Templeton, and J. Leger, Gardner, assignors to Heywood-Wakefield Company, Boston, Mass. Rotating car seat base. 2,063,674; Dec. 8.
- Hendriks, Arthur W., Chicago, assignor to Arthur H. Boettcher, Evanston, Ill. Trolley anchor. 2,037,232; Apr. 14.
- Hendryx, Dwight B., assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Shaping refractory articles. 2,026,940; Jan. 7.
- Hene, Emil, London, England. Production of highly active carbon. 2,056,854; Oct. 6.
- Henecka, Hans. (See Schönhöfer, F., and Henecka.)
- Henex, S. A. (See Smead, Edward L., assignor.)
- Hengel, Karl, Berlin, Germany. Electrical advertising device. 2,058,312; Oct. 20.
- Henglein, Friedrich A., Cologne-Deutz, and F. W. Stauff, Leverkusen-Wiesdorf, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of dilute acids. 2,036,412; Apr. 7.
- Henharen, John P., Durban, Union of South Africa. Dissolving rubber for the manufacture of paints, varnishes, and like products, and for insulating purposes. 2,028,066; Jan. 14.



- Henke, Clyde O., and W. H. Zartman, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of amides of higher fatty acids. 2,058,013; Oct. 20.
- Henke, Clyde O., and W. H. Lockwood, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of essentially dry alkali metal alkyl sulphates. 2,062,454; Dec. 1.
- Henke, Clyde O., and G. Etzel, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of cyclic terpene alcohols. 2,063,162; Dec. 8.
- Henke, Ehrhard. (See Dautzenberg, Paul, assignor.)
- Henkel & Cie. G. m. b. H. (See Elbel, Eberhard, assignor.)
- Henkel & Cie., G. m. b. H. (See Elbel, E., and Müller, assignors.)
- Henkel & Cie., G. m. b. H. (See Hentrich, W., and von und zu Gottenberg, assignors.)
- Henkel & Cie, G. m. b. H. (See Lübbert, W., and Müller, assignors.)
- Henkel & Cie. Gesellschaft mit beschränkter. (See Reuss, W., and Weldes, assignors.)
- Henkel & Cie., Gesellschaft mit beschränkter Haftung. (See Elbel, E., and Kirstahler, assignors.)
- Henkel, Theodore H., Los Angeles, Calif. Duplicating device attachable to a lathe. 2,057,573; Oct. 13.
- Henkels, Hugo, Wuppertal-Elberfeld, Germany. Spool for roll films. 2,035,158; Mar. 24.
- Henkes, Peter M., Racine, assignor to George Gorton Machine Company, Racine, Wis. Stylus mounting for reproducing and engraving machines. 2,026,893; Jan. 7.
- Henley, James W., Lewisville, Ind., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Sinkers. 2,038,108; Apr. 21.
- Henley, Tom A., Vilonia, Ark. Plow. 2,043,619; June 9.
- Henley's, W. T., Telegraph Works Company Limited. (See Dunsheath, Percy, assignor.)
- Henline, Roy B., et al. (See Lambert, Thomas H., assignor.)
- Henne, Albert L., Columbus, assignor, by mesne assignments, to General Motors Corporation, Dayton, Ohio. Cellulose derivative compositions. 2,056,787; Oct. 6.
- Hennefer Maschinen Fabrig C. Reuther & Reiser mit beschränkter Haftung. (See Kader, Wilhelm, assignor.)
- Hennegan, Paul M., Cincinnati, Ohio, and R. A. Swain, Bellevue, Ky., said Swain assignor to said Hennegan. Synthetic resin product and process. 2,059,791; Nov. 3.
- Hennessy, Mark M., Wauwatosa, assignor to Durant Manufacturing Co., Milwaukee, Wis. Soap ejecting spray head. 2,028,214; Jan. 21.
- Hennessy, Mary C., assignor to Franklin Simon & Co., Inc., New York, N. Y. Slip. 2,059,865; Nov. 3.
- Hennessy, Stephen T., St. Louis, Mo. Last. 2,058,227; Oct. 20.
- Henney, Charles F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,046,744; July 7.
- Henney, Grover R. (See McKee, H. H., and Henney.)
- Henney Motor Company. (See Van Deest, Henry, assignor.)
- Hennig, Albert, Keil, Germany. Refrigerator. 2,062,651; Dec. 1.
- Hennig, Karl, Rossau/Anhalt, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Wetting, detergent, and emulsifying agents. 2,056,272; Oct. 6.
- Hennigan, Charles E., Providence, R. I. Window lock. 2,062,176; Nov. 24.
- Henning, Bruno W., San Francisco, Calif. Method of and apparatus for forming spiral pipes. 2,059,578; Nov. 3.
- Henning, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Hygroscopic control switch. 2,027,689; Jan. 14.
- Henning, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Compressor control structure. 2,037,128; Apr. 14.
- Henning, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Fan switch. 2,060,671; Nov. 10.
- Henninger, Andrew F., Jr., Chicago, Ill. Negative glow lamp. 2,057,522; Oct. 13.
- Hennings, Ralph W., Farmington, Maine. Bearing boring apparatus. 2,056,671; Oct. 6.
- Henny, Victor, London, England, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of lubricating oils. 2,047,780; July 14.
- Henny, Victor, London, England, assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Conversion of higher boiling hydrocarbons to lower boiling hydrocarbons. 2,055,028; Sept. 22.
- Henny, Victor, London, England, assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Conversion of higher boiling hydrocarbons to lower boiling hydrocarbons. 2,055,029; Sept. 22.
- Henricks, Arthur G., deceased, by First Wisconsin Trust Company, executor, assignor to Harnischfeger Corporation, Milwaukee, Wis. Transfer dolly and jack. 2,053,080; Sept. 1.
- Henriksen, Alfred. (See Lincoln, B. H., and Henriksen.)
- Henricksen, Betty, London, England. Basin holder. 2,034,868; Mar. 24.
- Henricksen, Bjarne, North Bergen, N. J., assignor to Sedgwick Machine Works, Incorporated, Poughkeepsie, N. Y. Power system for elevators and the like. 2,042,937; June 2.
- Henriksen, Alfred. (See Lincoln, B. H., and Henriksen.)
- Henriksen, Ellen M., administratrix. (See Lincoln, B. H., and Henriksen.)
- Henrikson, Carl G., assignor to The Magnavox Company, Fort Wayne, Ind. Capacitor mounting. 2,038,656; Apr. 28.
- Henry, Albert J. (See Stratton, J. L., and Henry.)
- Henry, Albert R. (See Wills, M. C., and Henry.)
- Henry, Beulah L., New York, N. Y. Double chain stitch sewing machine. 2,037,901; Apr. 21.
- Henry, Beulah L., New York, N. Y. Writing machine. 2,062,455; Dec. 1.
- Henry, Carle D., assignor to Maine Steel Products Company, South Portland, Maine. Material moving apparatus. 2,055,291; Sept. 22.
- Henry, Charles E., and J. W. Sullivan, Santa Barbara, Calif. Chemical pump. 2,047,414; July 14.
- Henry, Charles L., assignor to Lee C. Moore & Company, Inc., Pittsburgh, Pa. Beam hanger. 2,050,318; Aug. 11.
- Henry, Charles L., assignor to Lee C. Moore & Company, Inc., Pittsburgh, Pa. Ball and socket bearing. 2,053,790; Sept. 8.
- Henry, Charles P., Cranston, assignor to J. N. Henry, Providence, R. I. Curtain support. 2,028,665; Jan. 21.
- Henry, Charles P., Cranston, assignor to J. N. Henry, Providence, R. I. Curtain support. 2,028,666; Jan. 21.
- Henry, Charles P., Cranston, assignor to J. N. Henry, Providence, R. I. Curtain support. 2,028,667; Jan. 21.
- Henry, Charles P., and L. D. Batman, Oakland, Calif. Household appliance. 2,059,347; Nov. 3.
- Henry, Donald E., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Vapor electric device. 2,026,941; Jan. 7.
- Henry, Ferdinand G., Moline, Ill., assignor to International Communications Laboratories, Inc., Newark, N. J. Copy conveyor. 2,041,411; May 19.
- Henry, Guy J., Chicago, Ill. Valve. 2,042,845; June 2.
- Henry James M. (See Henry, Charles P., assignor.)
- Henry, Louis E. V. J., Levallois-Perret, France. Pump. 2,035,159; Mar. 24.
- Henry, Raymond, Rock Island, Ill. Flexible coupling. 2,062,575; Dec. 1.
- Henry, Robert H., assignor to Simonds Worden White Company, Dayton, Ohio. Beating engine. 2,044,847; June 23.
- Henry, Sam F., Guntersville, Ala. Plugged telltale hole. 2,042,309; May 26.
- Henry, Shala W., assignor to Boston Envelope Company, Jamaica Plain, Mass. Suction feed device for sheet material. 2,058,979; Oct. 27.
- Henry, Thomas J., East Orange, and J. Hirmann, Hillside, N. J., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Metal rectifier. 2,045,648; June 30.
- Henry, Victor, New York, N. Y. Perpetual calendar. 2,057,523; Oct. 13.
- Henry, William, Philadelphia, Pa. Motor vehicle appliance. 2,043,171; June 2.
- Henry, William C. (See Spanel, A. N., and Henry.)
- Henry, William P., Flushing, N. Y. Bottle stopper with pull wire and making same. 2,052,767; Sept. 1.
- Henry & Wright Manufacturing Company, The. (See Caserta, Alfred E., assignor.)
- Henschel, Chas. J., & Co. (See Mead, Samuel N., assignor.)
- Hensel, Bernhard, K. Hess, and J. Richter, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tube socket. 2,030,254; Feb. 11.
- Hensel, Franz R., assignor to P. R. Mallory & Co., Incorporated, Indianapolis, Ind. Alloys. 2,045,138; June 23.
- Hensel, Franz R., assignor to P. R. Mallory & Co., Incorporated, Indianapolis, Ind. Copper base alloy. 2,046,380; July 7.
- Hensel, Franz R., assignor, by mesne assignments, to P. R. Mallory & Co., Inc., Indianapolis, Ind. Alloy. 2,049,500; Aug. 4.
- Hensel, Franz R., assignor, by mesne assignments, to P. R. Mallory & Co. Inc., Indianapolis, Ind. Electric current carrying element. 2,058,873; Oct. 27.
- Hensel, Franz R., assignor, by mesne assignments, to P. R. Mallory & Co. Inc., Indianapolis, Ind. Electric contacting member. 2,058,874; Oct. 27.
- Hensel, Franz R., Indianapolis, Ind., and E. I. Larsen, Newark, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper alloy. 2,033,709; Mar. 10.
- Hensel, Franz R., Indianapolis, Ind., and E. I. Larsen, Newark, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper alloys. 2,033,710; Mar. 10.
- Hensel, Henry A., Milwaukee, Wis. Sausage casing and closing the same. 2,042,227; May 26.
- Hensel, William M., Chicago, Ill. Color engraving process. 2,030,920; Feb. 18.
- Henshaw, James N. (See Cooper, B. P., and Henshaw.)
- Hensley, Edward M., Chicago, Ill. Typographic relieving. 2,052,293; Aug. 25.
- Henson, Carlton M. (See Anderson, T., Griffith, and Henson.)



- Henson, Elmer L., Clarksville, Tenn. Method and apparatus for determining the weight of flowing grain. 2,047,203; July 14.
- Henszey, Roy O., Oconomowoc, assignor to Carnation Company, Milwaukee, Wis. Irradiating apparatus. 2,060,865; Nov. 17.
- Hentrich, Winfrid, Dusseldorf-Reisholz, and F. H. von und zu Guttenberg, assignors to the firm, Henkel & Cie., G. m. b. H., Dusseldorf, Germany. Refining vegetable material. 2,042,938; June 2.
- Hentrich, Winfrid, Erlangen, H. Keppler, Cologne-on-the-Rhine, and K. Hintzmann, Wiesdorf-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline Works, Inc., New York, N. Y. Amides. 2,047,069; July 7.
- Hentschel, Paul A., Baltimore, Md. Deflector for gas stoves. 2,051,710; Aug. 18.
- Hentzell, Howard H., and A. M. Morris, Barberton, assignors to The Ohio Brass Company, Mansfield, Ohio. Tube forming machine. 2,048,004; July 21.
- Henwood, Lloyd S. (See Halpin, H. J., and Henwood.)
- Henze, Otto C. W., Brooklyn, and R. V. Tremain, New York, N. Y., said Tremain assignor to said Henze. Illusion apparatus and method. 2,061,378; Nov. 17.
- Henzelmann, Karl O. R., Glasbutte, Germany. Calculating machine. 2,039,795; May 5.
- Hepburn, Donald M., Philadelphia, and S. S. Sadtler, Springfield Township, Montgomery County, Pa., assignors, by mesne assignments, to Hepburnite Corporation. Making bituminous paving materials. 2,049,772; Aug. 4.
- Hepburn, William M., Ottawa Hills, Ohio, assignor to Surface Combustion Corporation, Toledo, Ohio. Heat treating furnace. 2,041,341; May 19.
- Hepburn, William M., Ottawa Hills, and H. B. Barber, assignors to Surface Combustion Corporation, Toledo, Ohio. Gas-fired radiator tube. 2,047,471; July 14.
- Hepburn, William M., Ottawa Hills, and T. W. Munford assignor to Surface Combustion Corporation, Toledo Ohio. Heating apparatus. 2,059,523; Nov. 3.
- Hepburnite Corporation. (See Hepburn, D. M., and Sadtler, assignors.)
- Heppinger, Clayton W., Euclid, assignor of one-fourth to N. McGiffin, Cleveland, Ohio. Piston and piston ring. 2,036,632; Apr. 7.
- Heppenstall, Thomas A., Cheshire, England, assignor to H. H. Robertson Company, Pittsburgh, Pa. Ventilator. 2,039,484; May 5.
- Heppenstall, Thomas E., Longview, Wash. Shelving. 2,065,133; Dec. 22.
- Heppner, John W. K. (See Fleishman, M., and Heppner.)
- Heppner, John W. K., assignor to Louis Marx & Company, New York, N. Y. Siren equipped roller skate. 2,051,000; Aug. 11.
- Heraeus-Vacuumschmelze, A. G. (See Gruber, H., and Rohn, assignors.)
- Heraeus-Vacuumschmelze, A. G. (See Hessenbruch, Werner, assignor.)
- Heraeus-Vacuumschmelze A. G. (See Rohn, Wilhelm, assignor.)
- Heraerus, W. C., Gesellschaft mit beschränkter Haftung. (See Feussner, O., and Jedele, assignors.)
- Heraeus, W. C. Gesellschaft mit beschränkter Haftung. (See Jedele, Alfred, assignor.)
- Heraty, James E. (See Cronan, J. G., and Heraty, assignors.)
- Herb, Otto J., Chicago, Ill. Safety razor. 2,065,585; Dec. 29.
- Herbert, Elizabeth A., executrix. (See Herbert, James A., assignor.)
- Herbert, James A., deceased, Cleveland, Ohio, E. A. Herbert, executrix, assignor of one-fourth to Gilbert Morgan, Cleveland, Ohio. Safety appliance for flanged wheels. 2,029,923; Feb. 4.
- Herbert, James A., deceased, Cleveland, Ohio, E. A. Herbert, executrix, assignor of one-fourth to G. Morgan, Cleveland, Ohio. Safety appliance for trucks of railway cars. 2,029,924; Feb. 4.
- Herbert, Leonard, Frankfort-on-the-Main, and A. Fröhlich, Hanover, Germany. Manufacture of pneumatic tires. 2,065,971; Dec. 29.
- Herbert, Victor H., assignor to Illinois Railway Equipment Company, Chicago, Ill. Wear receiving element for brake heads. 2,041,064; May 19.
- Herberts Machinery Co. (See Merrigan, William J., assignor.)
- Her-Born Engineering and Manufacturing Company. (See Barnhauser, Otto E., assignor.)
- Herbert Kricheldorf & Bruser. (See Weirauch, Bruno, assignor.)
- Herbruck, Wendell, assignor to The Wilson Rubber Company, Canton, Ohio. Formed gloves. 2,036,413; Apr. 7.
- Herbst, Clarence A., assignor to Economy Fuse and Manufacturing Co., Chicago, Ill. Cold molding composition. 2,054,815; Sept. 22.
- Herbster, George, Cleveland, Ohio. Solenoid stop valve. 2,038,289; Apr. 21.
- Herckmans, Alfred. (See Bischoff, C. F., and Herckmans.)
- Herckmans, Alfred, New York, N. Y., assignor to American Telephone and Telegraph Company. Oscillation control device. 2,030,987; Feb. 18.
- Herco Art Manufacturing Company, The. (See Gerschefski, Otto J., assignor.)
- Hercules Glue Company. (See Lindstaedt, Frank F., assignor.)
- Hercules Motors Corporation. (See Treiber, Otis D., assignor.)
- Hercules Powder Company. (See Barab, Jacob, assignor.)
- Hercules Powder Company. (See Billing, Wyly M., assignor.)
- Hercules Powder Company. (See Borglin, Joseph N., assignor.)
- Hercules Powder Company. (See Borglin, J. N., and Bent, assignors.)
- Hercules Powder Company. (See Borglin, J. N., and Ott, assignors.)
- Hercules Powder Company. (See Bowlby, Walter D., assignor.)
- Hercules Powder Company. (See Butts, Durain C., assignor.)
- Hercules Powder Company. (See Chinnock, Ormond J., assignor.)
- Hercules Powder Company. (See Coburn, Hayward H., assignor.)
- Hercules Powder Company. (See Crater, Willard D., assignor.)
- Hercules Powder Company. (See De Bell, John M., assignor.)
- Hercules Powder Company. (See De Laney, William W., assignor.)
- Hercules Powder Company. (See Hollabaugh, Cleveland E., assignor.)
- Hercules Powder Company. (See Humphrey, Irvin W., assignor.)
- Hercules Powder Company. (See Koch, William, assignor.)
- Hercules Powder Company. (See Lister, Donald A., assignor.)
- Hercules Powder Company. (See Lorand, Eugene J., assignor.)
- Hercules Powder Company. (See Mayfield, Evart E., assignor.)
- Hercules Powder Company. (See Norman, G. M., and Biting, assignors.)
- Hercules Powder Company. (See Ott, Emil, assignor.)
- Herman, Henry F. (See Pearson, R. E., Jr., and Herman.)
- Hercules Powder Company. (See Ramer, George E., assignor.)
- Hercules Powder Company. (See Reid, Ebenezer E., assignor.)
- Hercules Powder Company. (See Rummelsburg, Alfred L., assignor.)
- Hercules Powder Company. (See Sheffield, Donald H., assignor.)
- Hercules Powder Company. (See Sperry, Luke H., assignor.)
- Hercules Powder Company. (See Stern, Raphael L., assignor.)
- Herdieckerhoff, Ernst, Opladen, and E. Tschunkur, Cologne-Mulheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Preparing indole compounds. 2,057,948; Oct. 20.
- Heres, Hermann. (See Staib, K., and Heres.)
- Herf Jones Co. (See Foster, Tony E., assignor.)
- Hering, Edward, Beverly, assignor to United States Pipe and Foundry Company, Burlington, N. J. Roofing structure. 2,029,869; Feb. 4.
- Hering, Edward, Beverly, assignor to United States Pipe and Foundry Company, Burlington, N. J. Pipe joint. 2,032,576; Mar. 3.
- Hering, Henry R. (See Hamilton, Charles E., Sr., assignor.)
- Heritage, Clark C., Rumford, Maine, assignor to Oxford Paper Company. Coated paper. 2,034,435; Mar. 17.
- Heritier, Henri, Geneva, Switzerland. Brake for movable parts. 2,035,387; Mar. 24.
- Herke, Joseph P., Yakima, Wash. Well drilling rig. 2,053,715; Sept. 8.
- Herker, Kurt H. W., Berlin, Germany. Escalator. 2,039,994; May 5.
- Herkert & Meisel Trunk Company. (See Mees, Frank, assignor.)
- Herkner, Peter, Shaker Heights, Ohio. Handle grip. 2,046,164; June 30.
- Herlihy, John J., et al. (See Thurston, Charles A., assignor.)
- Herlihy, John W., et al. (See Thurston, Charles A., assignor.)
- Herlihy, William W., et al. (See Thurston, Charles A., assignor.)
- Herman, Albert W., assignor to L. Wilson, Cleveland, Ohio. Apparatus for annealing. 2,058,450; Oct. 27.
- Herman, Harold M., and R. G. Horwitz, Chicago, Ill. Paper dispenser. 2,065,457; Dec. 22.
- Herman, Joseph, Westfield, N. J., assignor to American Telephone and Telegraph Company. Start-stop telegraph repeater. 2,028,835; Jan. 28.
- Herman, Joseph, Westfield, N. J., assignor to American Telephone and Telegraph Company. Signal distortion indicator. 2,036,332; Apr. 7.
- Herman, Joseph, Westfield, N. J., assignor to American Telephone and Telegraph Company. Telegraph repeater circuits. 2,055,575; Sept. 29.
- Herman, Joseph, Westfield, N. J., assignor to American Telephone and Telegraph Company. Automatic line level regulation of multiple channel television systems. 2,064,540; Dec. 15.
- Herman, Maurice H. (See Ahlenius, Marie, assignor.)



- Herman, Wallace C., Oakwood, Ohio, assignor to The Carborundum Company, Niagara Falls, N. Y. Segmental grinding wheel. 2,032,362; Mar. 3.
- Hermann, Arnold, Sharpsburg, Pa. Cement. 2,030,002; Feb. 4.
- Hermann, Emil W., Kenmore, N. Y. Ear muff. 2,030,790; Feb. 11.
- Hermann, James C. (See Troeger, Roy C.)
- Hermann Manufacturing Company, The. (See Hermann, W. H., and Wessel, assignors.)
- Hermann, Otto, St. Louis, Mo. Thermocouple alloy. 2,049,443; Aug. 4.
- Hermann, Otto, St. Louis, Mo. Thermocouple. 2,063,097; Dec. 8.
- Hermann, Rudolf, Dresden, Germany. Wire sifting screen. 2,052,467; Aug. 25.
- Hermann, Theodor, Frankfort-Hochst, R. Seydel, Cologne-Dellbrück, and W. Retter, Cologne-Deutz, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Protecting animal fibers from textile pests. 2,053,610; Sept. 8.
- Hermann, Walter H., and L. H. Wessel, assignors to The Hermann Manufacturing Company, Lancaster, Ohio. Machine for refining paper stock and pulp. 2,027,041; Jan. 7.
- Hermann, Wolfgang, assignor to Chicago Printed String Co., Chicago, Ill. Package tying machine. 2,052,627; Sept. 1.
- Hermann, Alfred, Berlin-Frohnau, Germany, assignor to General Electric Company. Electric heater. 2,028,604; Jan. 21.
- Hermanson, James S., Seattle, Wash. Snake handle. 2,044,848; June 23.
- Hermanspann, Paul, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Signaling device. 2,042,939; June 2.
- Hermanspann, Paul, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna. 2,064,112; Dec. 15.
- Hermle, Hermann, Berlin-Lankwitz, Germany, assignor to General Electric Company. Regenerative braking system. 2,027,865; Jan. 14.
- Hernsdorf, Walter H., and A. W. Aroner, assignors to S. H. G. Incorporated, Chicago, Ill. Fluid pump. 2,063,503; Dec. 8.
- Hernandez, Carlos F., Mexico City, D. F., Mexico. Non-refillable attachment. 2,055,409; Sept. 22.
- Hernlund, John W., and A. Marchev, LaGrange, and R. F. Morrison, Oak Park, Ill., assignors to Ditto Incorporated. Duplicator. 2,034,903; Mar. 24.
- Hernlund, John W., La Grange, and H. Jagger, assignors to Ditto Incorporated, Chicago, Ill. Duplicating machine. 2,044,984; June 23.
- Hernlund, John W., La Grange, C. C. McCain, Glen Ellyn, and A. Marchev, La Grange, Ill., assignors to Ditto, Incorporated. Duplicating mechanism. 2,051,376; Aug. 18.
- Herod, Omar L., Point Marion, Pa. Head rest. 2,062,056; Nov. 24.
- Herold, Edward W., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,036,696; Apr. 7.
- Herold, Edward W., Bloomfield, N. J., assignor to Radio Corporation of America. Rectifier circuit. 2,054,125; Sept. 15.
- Herold, Edward W., Verona, N. J., assignor to Radio Corporation of America. Converter circuit. 2,066,038; Dec. 29.
- Herold, Paul, and H. Kaufmann, Leuna, Germany, assignors to Standard-I. G. Company, Linden, N. J. Destructive hydrogenation of carbonaceous material. 2,058,789; Oct. 27.
- Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Expansion insert or caster socket for tubular legs or the like. 2,028,328; Jan. 21.
- Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Cushion slide for furniture. 2,030,699; Feb. 11.
- Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Bearing for wheels and the like. 2,035,160; Mar. 24.
- Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Compensating caster. 2,042,525; June 2.
- Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Chair iron. 2,051,043; Aug. 18.
- Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Posture chair. 2,056,965; Oct. 13.
- Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Swivel chair mounting. 2,058,451; Oct. 27.
- Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Caster. 2,059,348; Nov. 3.
- Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Swivel chair mounting. 2,060,075; Nov. 10.
- Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Chair base hub. 2,065,699; Dec. 29.
- Herpen und Vorkauf, Ingenieure. (See Vorkauf, Heinrich, assignor.)
- Herr, Benjamin F. (See Hawker, C. F., Herr, and Rottmund.)
- Herr, Harvey E. (See Herr, Henry C., and H. E.)
- Herr, Henry C., Buffalo, N. Y., assignor to Herr Manufacturing Company, Inc. Flyer for spinning machines. 2,036,697; Apr. 7.
- Herr, Henry C., assignor to Herr Manufacturing Company, Inc., Buffalo, N. Y. Flyer for spinning machines. 2,040,135; May 12.
- Herr, Henry C., Buffalo, N. Y., assignor to Herr Manufacturing Company, Inc. Spinning ring for bar travelers. 2,045,012; June 23.
- Herr, Henry C., and H. E., assignors to Herr Manufacturing Company, Inc., Buffalo, N. Y. Flyer for spinning machines. 2,042,340; May 26.
- Herr Manufacturing Company. (See Herr, Henry C., assignor.)
- Herr Manufacturing Company. (See Herr, Henry C., and H. E., assignors.)
- Herrera, Juan Hernandez, Habana, Cuba. Infusion apparatus. 2,057,430; Oct. 13.
- Herreshoff, Alexander G., Grosse Pointe Village, assignor to Chrysler Corporation, Detroit, Mich. Clutch. 2,034,757; Mar. 24.
- Herreshoff, Alexander G., Grosse Pointe Village, assignor to Chrysler Corporation, Detroit, Mich. Vehicle. 2,044,610; June 16.
- Herrick, Henry N. (See Gates, L. G., Herrick, Cavins, and Postlewaite.)
- Herrick, Henry N., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Apparatus for handling drill pipe during rotary drilling. 2,049,008; July 28.
- Herrick, Howard U., et al. (See Krueger, Frank, assignor.)
- Herriger, Felix. (See Kühle, W. E., Prinz, and Herriger.)
- Herriger, Felix, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,043,659; June 9.
- Herring, Felix E., Mount Airy, N. C. Revolving disk plow. 2,027,910; Jan. 14.
- Herring, Jacob H., Hueytown, Ala. Electrical apparatus and contacts therefor. 2,039,995; May 5.
- Herrington, Arthur W., assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. Transmission gearing. 2,032,318; Feb. 25.
- Herrington, George S., trustee et al. (See Pratt, Harry P., assignor.)
- Herrington, Ralph J., Minneapolis, Minn. Internal combustion engine. 2,031,042; Feb. 18.
- Herrman, Ludwig, assignor to K. Adamczick and W. List, Frankfort-on-the-Main, Germany. Vacuum vessel. 2,053,002; Sept. 1.
- Herrmann, Heinrich, Berlin-Wannsee, assignor to Elektrizitätsgesellschaft "Sanitas", Berlin, Germany. Apparatus for making photographic exposures. 2,064,472; Dec. 15.
- Herrmann, Joseph H., Oakland, Calif. Cork retainer for vacuum bottles and the like. 2,050,754; Aug. 11.
- Herrmann, Karl L., assignor to The Bantam Ball Bearing Company, South Bend, Ind. Antifriction bearing. 2,033,074; Mar. 3.
- Herrmann, Karl L., assignor to The Bantam Ball Bearing Company, South Bend, Ind. Antifriction bearing. 2,038,079; Apr. 21.
- Herrmann, Karl L., assignor to The Bantam Ball Bearing Company, South Bend, Ind. Feeding device for grinders. 2,041,764; May 26.
- Herrmann, Louis A., Jersey City, N. J., and T. G. Roehmer, Malverne, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Cutting oil. 2,062,652; Dec. 1.
- Herrmann, Louis G., Cincinnati, Ohio, assignor to Taylor Instrument Companies, Rochester, N. Y. Apparatus and method for enhancing blood circulation. 2,055,128; Sept. 22.
- Herrmann, Ludwig, assignor to K. Adamczick and W. List, both of Frankfort-on-the-Main, Germany. Method and apparatus for synthesizing nitrogen compounds. 2,064,260; Dec. 15.
- Herrmann, Ludwig A., Cleveland, Ohio. Shock absorber. 2,046,626; July 7.
- Herrmann, Walter. (See Streitwolf, K., Fehrle, Fritzsche, and Herrmann.)
- Herrmann, Willy O., Munich, Germany, assignor to Alfred van Raap, Amsterdam, Netherlands. Gramophone record. 2,038,563; Apr. 28.
- Herrmann, Willy O., and E. Baum, assignors, by mesne assignments, to Chemische Forschungsgesellschaft m. b. H., Munich, Germany. Laminated glass. 2,033,377; Mar. 10.
- Herron, Albert E., Cleveland, Ohio, assignor, by mesne assignments, to Vogt Processes, Inc., Louisville, Ky. Ice cream apparatus. 2,042,940; June 2.
- Herron, Anna L., et al. (See Herron, Ollie L., assignor.)
- Herron, Ollie L., et al. (See Hall, William J., assignor.)
- Herron, Ollie L., assignor of twenty per cent to J. B. Zimmers, thirty per cent to W. M. Zimmers, and thirty per cent to A. L. Herron, Chicago, Ill. Molding. 2,049,501; Aug. 4.
- Herron, Ollie L., Chicago, Ill., assignor to Herron-Zimmers Moulding Co. Vehicle roof. 2,062,177; Nov. 24.
- Herron, Richard H., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,049,296; July 28.
- Herron, William F. (See McElroy, W. S., and Herron.)
- Herron-Zimmers Moulding Company. (See Crowe, Orley J., assignor.)



- Herron-Zimmers Moulding Co. (See Herron, Ollie L., assignor.)
- Hersch, Alfred, Toledo, Ohio. Hub cap and wheel lock. 2,060,416; Nov. 10.
- Herschensohn, Arthur M., Brooklyn, N. Y. Hair waving device. 2,049,773; Aug. 4.
- Hersey, Arthur J., and C. L. Madden, Minneapolis, Minn. Convertible railway freight car. 2,063,434; Dec. 8.
- Hersey, Arthur J., and C. L. Madden, Minneapolis, Minn. Tractor. 2,064,205; Dec. 15.
- Hershau, Nathan, New York, N. Y. Dental impression tray. 2,035,232; Mar. 24.
- Hershbain, Israel, Montreal, Quebec, Canada. Bicycle lock. 2,055,149; Sept. 22.
- Hershberger, Albert. (See Charch, W. H., and Hershberger.)
- Hershberger, Albert, Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproofing composition and making same. 2,051,944; Aug. 25.
- Hershey, Harry E., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Selective code receiver. 2,040,691; May 12.
- Hershey, Harry E., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Signalling system. 2,052,018; Aug. 25.
- Hershey, Harry E., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Indicating system. 2,053,774; Sept. 8.
- Hershey, Harry E., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Signaling system. 2,056,722; Oct. 6.
- Hershey, Harry E., Oak Park, and A. H. Belliveau, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Dispatching system. 2,047,631; July 14.
- Hershey, Orville S., Chicago, Ill., assignor, by mesne assignments, to Oakes Products Corporation, North Chicago, Ill. Automobile lock. 2,032,802; Mar. 3.
- Hershman, Paul R., Chicago, Ill. Process and reagent for desalting crude oils. 2,064,541; Dec. 15.
- Herstein, Abe., assignor to himself and W. Fusske, Joint Trustees, Chicago, Ill. Baby bottle cap and nipple. 2,060,212; Nov. 10.
- Hertel, Richard K. (See Chesnut, J. D., and Hertel.)
- Hertel, Richard K., Vernon, assignors to Byron Jackson Co., Huntington Park, Calif. Pipe tong. 2,047,506; July 14.
- Herthel, Eugene C., assignor to Sinclair Refining Company, Chicago, Ill. Cracking of oil. 2,037,879; Apr. 14.
- Herthel, Eugene C., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbons. 2,037,380; Apr. 14.
- Herthel, Eugene C., Flossmoor, Ill., assignor to Sinclair Refining Company, New York, N. Y. Dewaxing hydrocarbon oils. 2,056,723; Oct. 6.
- Hertner Electric Company, The. (See Hertner, John H., assignor.)
- Hertner, John H., Lakewood, assignor to The Hertner Electric Company, Cleveland, Ohio. Resistance unit. 2,059,349; Nov. 3.
- Hertwig, August, Berlin-Charlottenburg, Germany. Consolidating the ground. 2,039,078; Apr. 28.
- Hertwig, Harry, Berlin-Hennigsdorf, and H. Hintze, Berlin-Wendenschloss, Germany, assignors to General Electric Company. Electrical amplifying circuit. 2,049,376; July 28.
- Hertz, Denise (née David) executor. (See Hertz, Stanislaus.)
- Hertz, Gustav L., Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company. Electric discharge tube. 2,030,521; Feb. 11.
- Hertz, Maurice, Flint, Mich. Adjustable cap. 2,051,084; Aug. 18.
- Hertz, Stanislas, deceased, by D. Hertz (née David) executor, and M. P. Berger, Paris, France. Device for controlling the action of a fluid under pressure. 2,037,627; Apr. 14.
- Hertz, Stanislas, and M. P. Berger, Paris, France. Starting device. 2,063,251; Dec. 8.
- Hertzberg, Ernest, Des Moines, Iowa. Recovering books. 2,029,101; Jan. 28.
- Hertzberg, Harry, New York, N. Y. Sweeper. 2,037,902; Apr. 21.
- Hertzka, Elsa, New York, N. Y. Spool. 2,065,072; Dec. 22.
- Hervé, Alexandre, Clichy, France. Automatic furniture leveling device. 2,054,977; Sept. 22.
- Herwander, Berg, Wamsley, Ontario, Canada. Hay loader. 2,041,926; May 26.
- Herwood, John L., assignor to Aluminum Company of America, Pittsburgh, Pa. Window frame mounting. 2,035,477; Mar. 31.
- Herz, Alfred, Chicago, Ill. Mitigating induced impact voltages and the like. 2,051,945; Aug. 25.
- Herz, Ferdinand B., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Auxiliary front for radiators. 2,056,123; Sept. 29.
- Herz, Fredrick K., Philadelphia, Pa. Method and apparatus for producing surface waves on a body of water. 2,056,855; Oct. 6.
- Herz, Richard, and W. Brunner, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuff preparation. 2,044,790; June 23.
- Herzbruch, Hugo, Essen-Bredeney, Germany. Wall construction for tunnels, shafts, and pipe. 2,057,524; Oct. 13.
- Herzbrun, Isadore, and C. F. Schultis, Cleveland, Ohio. Shower bath spray head. 2,056,103; Sept. 29.
- Herzer, Arno E., Upper Darby, Pa. Helmet. 2,029,566; Feb. 4.
- Herzmark, Nicolas, Paris, France. Engine starting device. 2,035,161; Mar. 24.
- Herzog, Carl, Belleville, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Sealing welder. 2,056,398; Oct. 6.
- Herzog, Herman, Dessau-Ziebigk in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Spinning nozzle for the dry spinning process. 2,063,435; Dec. 8.
- Herzog, Reginald O., Berlin-Steglitz, and A. Burgeni, Berlin-Lichterfelde-West, Germany, assignors to Wallwood Corporation, New York, N. Y. Preparation of leather-like flexible and pliable material from wood sheets. 2,030,819; Feb. 11.
- Herzog, Reginald O., Berlin-Steglitz, and H. Hoffmann, Berlin-Lichterfelde, Germany. Producing artificial structures, such as artificial silk, bands or the like from viscose. 2,036,752; Apr. 7.
- Herzog, Samuel, White Plains, N. Y. Non-refillable bottle closure. 2,064,002; Dec. 15.
- Herzstam, Joseph. (See Temple, Arthur H., assignor.)
- Heskett, Russell L., McCook, Nebr. Water deflector. 2,055,150; Sept. 22.
- Hess, Charles W. (See Crist, W. J., and Hess.)
- Hess, Cecil W., and Bayard Sharp, Alameda, Calif. Advertising machine. 2,054,879; Sept. 22.
- Hess, Clarence J., Shade Gap, Pa. Automatic amperage feed control mechanism. 2,051,445; Aug. 18.
- Hess, Edward C. and E., assignors of one-third to M. J. Paul, Berlin, Wis. Hydraulic braking system for motor vehicles. 2,053,557; Sept. 8.
- Hess, Emil. (See Hess, Edward C. and E.)
- Hess, Francis M., Chicago, Ill. Apparatus for determining the consistency of liquids. 2,051,523; Aug. 18.
- Hess, Floyd L., Des Moines, Iowa. Film reel. 2,044,569; June 16.
- Hess, Fred G. (See Malisoff, W. M., and Hess.)
- Hess, Frederick P., assignor to The Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Grinding machine. 2,059,106; Oct. 27.
- Hess, Harry G., Lancaster, assignor to Hess System, Inc., York, Pa. Building block and wall structure. 2,049,907; Aug. 4.
- Hess, Henry K., Syracuse, N. Y. Method of and apparatus for holding and releasing bowling balls. 2,034,187; Mar. 17.
- Hess, Kurt. (See Hensel, B. Hess, and Richter.)
- Hess, Raymond W. (See Moses, F. G., Hess, and Perkins.)
- Hess, Raymond W., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of sulphur dyes. 2,059,579; Nov. 3.
- Hess, Richard. (See Huttenlocher, R., and Hess.)
- Hess System, Inc. (See Hess, Harry G., assignor.)
- Hesse, Holger, Grunewald, near Berlin, assignor, by mesne assignments, to Siemens & Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany. Hemadynamometer operating according to the compensation method. 2,039,000; Apr. 28.
- Hesse, Paul J., et al. (See Suhm, C. E., and Ankenbruck, assignors.)
- Hessel, Albert C., assignor to W. F. Hessel Company, Inc., New York, N. Y. Electrical and other connectors. 2,039,996; May 5.
- Hessel, W. F., Company. (See Hessel, Albert C., assignor.)
- Hesselman, Knut J. E., Saltsjö-Storangen, Sweden. Fuel injection system for internal combustion engines. 2,040,846; May 19.
- Hesselman, Knut J. E., Saltsjö-Storangen, Sweden. Fuel pump for internal combustion engines. 2,040,847; May 19.
- Hesselman, Knut J. E., Saltsjö-Storangen, Sweden, assignor to Hesselman Motor Corporation, Ltd., London, England. Internal combustion engine. 2,046,263; June 30.
- Hesselman, Knut J. E., Saltsjö-Storangen, and T. V. Dillström, Stockholm, Sweden, assignors to Hesselman Motor Corporation Ltd., London, England. Internal combustion engine. 2,046,264; June 30.
- Hesselman Motor Corporation. (See Dillström, Torbjörn V., assignor.)
- Hesselman Motor Corporation. (See Hesselman, Knut J. E., assignor.)
- Hesselman Motor Corporation Ltd. (See Hesselman, K. J. E., and Dillström, assignors.)
- Hesselman Motor Corporation Ltd. (See Olsen, Stig, assignor.)
- Hessenbruch, Werner, Hanau-on-the-Main, assignor to Heraeus-Vacuumschmelze, A. G., Hanau-on-the-Main, Germany. Copper-beryllium alloys. 2,030,921; Feb. 18.
- Hessenbruch, Werner, assignor to Heraeus-Vacuumschmelze, A. G., Hanau-on-the-Main, Germany. Heat treating nickel-beryllium alloys. 2,062,130; Nov. 24.
- Hessenland, Max, Königsberg, and H. Kublun, Gumbinnen, and H. Splitter, Stralsund, Germany. Producing resin from trees. 2,053,031; Sept. 1.
- Hessenland, Max, and R. Böttcher, Königsberg, Germany. Obtaining resin from trees. 2,063,163; Dec. 8.



- Hessian, Dennis C., deceased, Detroit, Mich., A. Dalton, executrix. Air brake mechanism. 2,030,039; Feb. 4.
- Hessian, Dennis C., deceased, Detroit, Mich., A. Dalton, executrix. Fluid pressure brake. 2,034,393; Mar. 17.
- Hessle, Eric T., Chicago, Ill. Manufacture of a protein compound of sulphonated hydrocarbon sulphur bodies. 2,040,809; May 12.
- Hesson, Robert B. (See Hedberg, C. W. G., and Hesson.)
- Hester, Donald M., Lakewood, Ohio. Metal wheel and making the same. 2,065,275; Dec. 22.
- Hester, Levi C., Jacksonville, Fla. Plow attachment for tractors. 2,041,832; May 26.
- Hester, Loring B., assignor of one-third to R. R. Wooten, Tallahassee, Fla. Signal. 2,061,871; Nov. 24.
- Hester, William F., Drexel Hill, assignor to Röhm & Haas Company, Philadelphia, Pa. Condensation products of phenols and triisobutylene. 2,060,573; Nov. 10.
- Heston, Allen L., Columbiana, assignor to National Rubber Machinery Company, Akron, Ohio. Tire building drum. 2,030,749; Feb. 11.
- Heston, Allen L., assignor to National Rubber Machinery Company, Akron, Ohio. Tire building apparatus. 2,033,896; Mar. 10.
- Heston, Allen L., Columbiana, assignor to The National Rubber Machinery Company, Akron, Ohio. Telescopic tire building drum. 2,039,531; May 5.
- Heston, Allen L., assignor to National Rubber Machinery Company, Akron, Ohio. Tire building apparatus. 2,039,532; May 5.
- Hetenyi, Paul, New York, N. Y., assignor to Solar Manufacturing Corporation. Electrical condenser. 2,028,775; Jan. 28.
- Hetenyi, Paul, New York, N. Y., assignor to Solar Manufacturing Corporation. Fixed dual condenser. 2,053,334; Sept. 8.
- Hetenyi, Paul, New York, N. Y., assignor to Solar Manufacturing Corporation. Container vent. 2,060,866; Nov. 17.
- Hetherington, Harry C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of urea. 2,038,564; Apr. 28.
- Hetherington, Robert, Sharon Hill, Pa., assignor to Devices, Inc. Control device for shower nozzles. 2,052,399; Aug. 25.
- Hetherington, Robert, Sharon Hill, Pa., assignor to Devices, Inc. Vibrator. 2,053,081; Sept. 1.
- Hettel, Arthur J., Rochester, N. Y. Drying and disinfecting powder. 2,047,323; July 14.
- Hettinger, Henry C., Chicago, Ill. Percolator top fastener. 2,046,819; July 7.
- Hettinger, Henry C., Chicago, Ill. Portable air conditioner. 2,054,541; Sept. 15.
- Hettinger, Victor, Selestat, France. Device for recuperating heat in cooking foodstuffs or the like. 2,043,437; June 9.
- Hettrick Manufacturing Company, The. (See Smith, Milton B., assignor.)
- Hetzer, Josef. (See Günther, F., and Hetzer, assignors.)
- Hetzer, Russell A., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Apparatus for cleaning fabrics. 2,041,711; May 26.
- Hetzer, Russell A., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Dry cleaning apparatus. 2,046,782; July 7.
- Hetzer, Russell A., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Apparatus for controlling the pressure in closed vessels or systems. 2,047,734; July 14.
- Heuberger, Joseph F., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,028,215; Jan. 21.
- Heuer, Russell P., Haverford, Pa., assignor to The American Metal Company, Limited, New York, N. Y. Copper refining method. 2,060,073; Nov. 10.
- Heuer, Russell P., Bryn Mawr, Pa., assignor to The American Metal Company, Limited, New York, N. Y. Copper refining apparatus. 2,060,074; Nov. 10.
- Heuer, Russell P., Bryn Mawr, Pa., assignor to General Refractories Company. Silica brick and making the same. 2,062,005; Nov. 24.
- Heuer, Tatum C., Harrison, Ark. Arch supporter. 2,050,006; Aug. 4.
- Heumader, Otto, St. Joseph, Mo. Power transmission mechanism. 2,041,927; May 26.
- Heuser, Herman, Evanston, assignor to United States Process Corporation, Chicago, Ill. Manufacture of fermented beverages. 2,034,468; Mar. 17.
- Heuser, Ralph V., Mount Vernon, N. Y. Molded desiccant and producing same. 2,064,113; Dec. 15.
- Heusinkveld, Friedrich W., Wuppertal-Elberfeld, and E. G. Brauckmann, Langschede/Ruhr, Germany. Device for winding up electric flexible cords. 2,037,324; Apr. 14.
- Heusner, Carl. (See Clingenstein, H., Roos, and Heusner.)
- Heussner, Carl E., assignor to Chrysler Corporation, Detroit, Mich. Corrosion resisting coating. 2,041,545; May 19.
- Heuver, Herbert M. (See Kirsten, K. F. J., and Heuver.)
- Heveatex Corporation. (See Noble, Royce J., assignor.)
- Heyer, Frederic K., and C. B. Lowe, Philadelphia Pa., assignors to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 2,047,685; July 14.
- Heverly, Earl L., Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Fusible door holder. 2,043,198; June 2.
- Hewel, Frank B., Pittsburgh, Pa. Striping tool. 2,027,774; Jan. 14.
- Hewetson, J. H., Company. (See Hewetson, Joseph H., assignor.)
- Hewetson, Joseph H., Cincinnati, Ohio, assignor to J. H. Hewetson Company. Apparatus for regenerating zeolite beds. 2,046,265; June 30.
- Hewett, Louis E., Brooklyn, assignor to Ultimate Paving Block Corporation of America, New York, N. Y. Block mold. 2,041,289; May 19.
- Hewett, William S., Elmhurst Ill. Joint for concrete pipes. 2,028,668; Jan. 21.
- Hewitt, Alfred G., La Grange, assignor to The Visking Corporation, Chicago, Ill. Extrusion apparatus. 2,032,171; Feb. 25.
- Hewitt, Alfred G., assignor to The Visking Corporation, Chicago, Ill. Producing cellulose articles. 2,043,172; June 2.
- Hewitt, Alfred G., La Grange, Ill., assignor to The Visking Corporation. Packaged meat cut and a method of preparing it. 2,048,447; July 21.
- Hewitt, Edwin F. (See Hopkinson, E., Belanger, Alcott, and Hewitt.)
- Hewitt, Ellis E. (See Farmer, C. C., and Hewitt.)
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Signal valve device. 2,028,605; Jan. 21.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Pedestal brake valve device. 2,028,606; Jan. 21.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,031,172; Feb. 25.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,034,295; Mar. 17.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,034,296; Mar. 17.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,035,067; Mar. 24.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,035,068; Mar. 24.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,035,069; Mar. 24.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,038,174; Apr. 21.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,045,185; June 23.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,048,336; July 21.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,048,337; July 21.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,052,176; Aug. 25.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake valve device. 2,052,177; Aug. 25.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,055,102; Sept. 22.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Gasket and method of making. 2,055,103; Sept. 22.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Maintaining valve device. 2,055,105; Sept. 22.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 2,055,106; Sept. 22.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,058,014; Oct. 20.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake retardation controller. 2,058,015; Oct. 20.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,058,016; Oct. 20.
- Hewitt, Ellis E., Edgewood, Pa. assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Air strainer device. 2,061,904; Nov. 24.
- Hewitt, Ellis E., Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Flexible diaphragm. 2,061,905; Nov. 24.
- Hewitt, Ellis E., Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Pedestal brake valve device. 2,061,906; Nov. 24.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Train braking system. 2,065,222; Dec. 22.
- Hewitt, Ellis E., Edgewood, and W. C. Landis, Pittsburgh, Pa. Piston packing. 2,055,104; Sept. 22.
- Hewitt, Herbert S., Surrey, assignor to The Automotive Engineering Company Limited, Twickenham, Middlesex, England. Piston. 2,033,830; Mar. 10.



- Hewitt, John C., Jr., and V. E. Kuster, Long Beach, Calif., assignors to Hewitt-Kuster Company, Long Beach, Calif. Photographic plate and apparatus for loading the same. 2,027,642; Jan. 14.
- Hewitt-Kuster Company. (See Hewitt, J. C., Jr., and Kuster, assignors.)
- Hewitt, Walter, assignor of one-half to M. Glenn, Longmire, Wash. Snow plow. 2,055,794; Sept. 29.
- Hewitt, William R., New York, N. Y. Spring system for railway car trucks. 2,044,503; June 16.
- Hewlett, George J., Parma Heights, Ohio. Inspection device. 2,051,946; Aug. 25.
- Hewson, Arthur, Grimsby, Ontario, Canada. Basket construction. 2,040,993; May 19.
- Hexamer, Harry D., and W. Yaeger, assignors to Excelso Products Corporation, Buffalo, N. Y. Valve. 2,052,827; Sept. 1.
- Hexamer, Homer L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Axle housing. 2,032,480; Mar. 3.
- Hexamer, Homer L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Journal box construction. 2,044,905; June 23.
- Hexcel Radiator Company. (See Opitz, Fred M., assignor.)
- Hey, Henry W. (See Hill, E. G., and Hey.)
- Heyden Chemical Corporation et al. (See Reynolds, Blythe M., assignor.)
- Heyer, Benjamin F. W., Bloomfield, N. J. Battery terminal connector. 2,050,321; Aug. 11.
- Heyer Corporation, The. (See Wahlquist, Albin B., assignor.)
- Heyer, Don, assignor, by mesne assignments, to Universal Cotton Roll Company, Los Angeles, Calif. Cotton rolling machine and making cotton absorbent rolls. 2,037,233; Apr. 14.
- Heyler, Charles J. (See Ziegler, George J., assignor.)
- Heyman, Fred M., et al. (See Lamonte, Peter, assignor.)
- Heyman, Sam, assignor to Aerovox Wireless Corporation, Brooklyn, N. Y. Electrical condenser. 2,054,478; Sept. 15.
- Heymann, Edward, and F. W. Heymann, Boston, Mass. Electric lighting system. 2,059,350; Nov. 3.
- Heymann, Estelle. (See Heymann, Sidney, assignor.)
- Heymann, Frank W. (See Heymann, Edward, and F. W., assignors.)
- Heymann, Hugo, Berlin-Friedenau, Germany, assignor to General Electric Company. Control system. 2,060,672; Nov. 10.
- Heymann, Sidney, assignor to E. Heymann, Brooklyn, N. Y. Shirt. 2,027,641; Jan. 14.
- Heymans, Paul, assignor to Sobemi (abreviation de: Société Belge d'Emballages Metalliques Industriels) Société Anonyme, Brussels, Belgium. Closing cap for bottles, etc. 2,061,305; Nov. 17.
- Heymer, Gerd. (See Eggert, J., and Heymer.)
- Heymer, Gerd, Dessau-Zlebigk, Germany, assignor to Agfa Anseo Corporation, Binghamton, N. Y. Color photography. 2,042,895; June 2.
- Heynau, David H., London, England. Friction gear transmission. 2,032,015; Feb. 25.
- Heyner, Fritz, assignor to F. Kruckenberg, and C. Stedefeld, Hanover, Germany. Skeleton structure for railway cars. 2,040,257; May 12.
- Heyroth, Albert H., assignor to The Global Corporation, Niagara Falls, N. Y. Hygrometric apparatus. 2,040,771; May 12.
- Heyroth, Albert H., assignor to Global Corporation, Niagara Falls, N. Y. Electrical resistance and method of manufacture. 2,060,393; Nov. 10.
- Heyroth, Albert H., Niagara Falls, and E. W. Bratton, Buffalo, assignors to The Global Corporation, Niagara Falls, N. Y. Thermocouple and mounting the same. 2,061,357; Nov. 17.
- Heyse, Max, and H. Persiel, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Binding agents and preparing them. 2,034,297; Mar. 17.
- Heywood, Charles F., Detroit, Mich., assignor, by mesne assignments to Eclipse Aviation Corporation, East Orange, N. J. Starting device for internal combustion engines. 2,046,073; June 30.
- Heywood, Charles F., Detroit, Mich., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Air and fuel chamber for engine starters. 2,046,074; June 30.
- Heywood, Frank. (See Hall, W. K., and Heywood.)
- Heywood Paper Box & Manufacturing Company. (See Johnson, Carl W., assignor.)
- Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Manufacture of envelopes and machine therefor. 2,048,069; July 21.
- Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Envelope. 2,051,711; Aug. 18.
- Heywood-Wakefield Company. (See Bell, Alfred B., assignor.)
- Heywood-Wakefield Company. (See Hendrickson, S., and Leger, assignors.)
- Heywood-Wakefield Company. (See Larsen, Lewis, assignor.)
- Hibbard, Robert L., Bellevue, assignor of one-half to W. K. Stamets, Pittsburgh, Pa. Self-centering device. 2,063,741; Dec. 8.
- Hibbard, Thomas E., Lodi, Calif. Pole guy assembly. 2,039,533; May 5.
- Hibberd, Frederick H., Bayside, N. Y., G. H. Woodard, Phillipsburg, N. J., and J. Kirgan, Easton, Pa., assignors to Ingersoll-Rand Company, Jersey City, N. J. Refrigerating construction. 2,030,514; Feb. 11.
- Hibbert, Harold, Montreal, Quebec, Canada, assignor to Celanese Corporation of America. Cellulosic articles and preparing the same. 2,028,776; Jan. 23.
- Hibner, De Los E., Jr. (See Arey, F. C., and Hibner.)
- Hibner, De Los E., Jr., Du Bois, Pa., assignor to Vulcan Soot Blower Corporation. Soot blowing tube. 2,030,830; Feb. 11.
- Hice, John W., Detroit, Mich., assignor, by mesne assignments, to The Worth Company. Car loading device. 2,054,858; Sept. 22.
- Hick, Harry J., assignor to The Machined Steel Casting Company, Alliance, Ohio. Strip metal highway guard. 2,060,673; Nov. 10.
- Hicke, John J., Jr., Philadelphia, Pa. Power driven rotary kneader and massager. 2,034,758; Mar. 24.
- Hickerson, Guy. (See McCreadie, J., and Hickerson.)
- Hickey-Freeman Co. (See Goldstein, Abe, assignor.)
- Hickle, Albert E., East Chicago, Ind., assignor to Sinclair Refining Company, New York, N. Y. Journal lubrication. 2,054,419; Sept. 15.
- Hickler, Walter R., Weston, assignor to Hood Rubber Company, Inc., Watertown, Mass. Article of footwear and producing same. 2,029,371; Feb. 4.
- Hickman, Albert F., assignor to Hickman Pneumatic Seat Co., Inc., Eden, N. Y. Vehicle spring suspension. 2,031,482; Feb. 18.
- Hickman, John, Tangleflag, Saskatchewan, Canada. Scissor action vehicle spring. 2,034,577; Mar. 17.
- Hickman, John G. (See Hanson, E. J., and Hickman.)
- Hickman Pneumatic Seat Co. (See Hickman, Albert F., assignor.)
- Hickok Manufacturing Company. (See Anderson, H. G., and Mix, assignors.)
- Hickok Manufacturing Company. (See Hickok, Stephen R., assignor.)
- Hickok Manufacturing Co. (See Houghtaling, Guy R., assignor.)
- Hickok Manufacturing Co. (See Mix, Edwin S., assignor.)
- Hickok Manufacturing Co. (See Perry, Steward W., assignor.)
- Hickok Manufacturing Co. (See Vaisey, Harold C., assignor.)
- Hickok, Stephen R., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Brace. 2,030,791; Feb. 11.
- Hickok, W. O., Manufacturing Company. (See Broadmeyer, Albert, assignor.)
- Hickok, Willard, Bloomfield, N. J., assignor to Radio Corporation of America. Photoelectric device. 2,047,369; July 14.
- Hicks, Earl M., Lebanon, Ind. Bus body. 2,059,866; Nov. 3.
- Hicks, Elmer E. (See Hommel, E. M., and Hicks.)
- Hicks, Fredrick T. (See Trytten, Merriam H., assignor.)
- Hicks, Lawrence W., Troutmans, N. C. Lespedeza thresher. 2,050,792; Aug. 11.
- Hicks, Raymond M., Plainfield, N. J., and F. O. Stratton, assignors to The Teleregister Corporation, New York, N. Y. Bid and asked quotation system. 2,046,381; July 7.
- Hicks, Raymond M., Plainfield, N. J., assignor to The Teleregister Corporation, New York, N. Y. Registering system. 2,060,674; Nov. 10.
- Hicks, Robert J., Rochester, N. Y. Headlight. 2,042,396; May 26.
- Hiering, William C., assignor to The J. E. Mergott Company, Newark, N. J. Bag frame. 2,028,216; Jan. 21.
- Hiering, William C., assignor to The J. E. Mergott Company, Newark, N. J. Bag frame fastener. 2,032,055; Feb. 25.
- Hiering, William C., assignor to J. E. Mergott Company, Newark, N. J. Bag frame latch. 2,032,056; Feb. 25.
- Hiering, William C., assignor to The J. E. Mergott Company, Newark, N. J. Handbag frame. 2,032,057; Feb. 25.
- Hiering, William C., assignor to J. E. Mergott Company, Newark, N. J. Hand bag. 2,037,234; Apr. 14.
- Hiering, William C., assignor to The J. E. Mergott Company, Newark, N. J. Collapsible bag frame. 2,054,936; Sept. 22.
- Hiering, William C., Millburn Township, Essex County, assignor to J. E. Mergott Company, Newark, N. J. Handbag. 2,034,098; Mar. 17.
- Hiering, William C., Millburn Township, Essex County, assignor to J. E. Mergott Company, Newark, N. J. Bag frame. 2,036,476; Apr. 7.
- Hiering, William C., Millburn Township, Essex County, assignor to J. E. Mergott Company, Newark, N. J. Handbag. 2,042,941; June 2.
- Hiering, William C., Millburn Township, Essex County, assignor to J. E. Mergott Company, Newark, N. J. Handbag. 2,045,649; June 30.
- Hiering, William C., Millburn Township, Essex County, assignor to J. E. Mergott Company, Newark, N. J. Bag frame. 2,045,650; June 30.
- Hiering, William C., Millburn Township, Essex County, assignor to J. E. Mergott Company, Newark, N. J. Handbag. 2,053,082; Sept. 1.
- Hiering, William C., assignor to J. E. Mergott Company, Newark, N. J. Assembling handbag frames. 2,060,394; Nov. 10.



- Hiering, William C., and F. W. Goerdes, assignors to J. E. Mergott Company, Newark, N. J. Bag fastener. 2,053,083; Sept. 1.
- Hiering, William C., and F. W. Goerdes, assignors to The J. E. Mergott Company, Newark, N. J. Bag frame fastener. 2,061,907; Nov. 24.
- Hieronimus, Russell H. (See Gangloff, W. C., and Hieronymus.)
- Hiers, Glen S. (See Drobile, A. W., and Hiers.)
- Hiers, Glen S., Cynwyd, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Sponge rubber and making the same. 2,029,617; Feb. 4.
- Hiers, Glen S., Pittsburgh, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Coating. 2,041,712; May 26.
- Hiers, Glen S., Bala-Cynwyd, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Production of synthetic threads. 2,055,292; Sept. 22.
- Hiers, Glen S., Cynwyd, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Pile fabric. 2,057,831; Oct. 20.
- Hiers, Glen S., Bala-Cynwyd, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Impregnating. 2,062,178; Nov. 24.
- Hiers, Glen S., Cynwyd, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Rubber compound and making the same. 2,065,937; Dec. 29.
- Hierta, Hans, Dearborn, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,058,228; Oct. 20.
- Hifner, Ernest J., assignor to N. T. Hifner, Lexington, Ky. Choke valve actuator. 2,032,752; Mar. 3.
- Hifner, Nancy T. (See Hifner, Ernest J., assignor.)
- Higbee, George C., Tekoa, Wash. Hydraulic safety brake for automobiles. 2,029,070; Jan. 28.
- Higbee, James F., Detroit, Mich. Garden tool. 2,041,179; May 19.
- Higgin Manufacturing Company. (See Traut, Clifford, assignor.)
- Higginbotham, Charles L. (See Mendelhall, M. S., McCorkell, and Higginbotham.)
- Higgins, Darragh L., Dedham, assignor to B. F. Sturtevant Company, Inc., Boston, Mass. Heat exchange apparatus. 2,027,315; Jan. 7.
- Higgins, Frances M. (See Murch, W. M., and Higgins.)
- Higgins, Gilbert H., Mountain Lakes, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y. Irving Trust Company, permanent trustee. Chase. 2,031,602; Feb. 25.
- Higgins, Gilbert H., Mountain Lakes, N. J., and W. F. Huck, Richmond Hill, assignors to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, permanent trustee. Chase. 2,030,871; Feb. 18.
- Higgins, Horace M., Omaha, Nebr. Bathtub seat. 2,052,628; Sept. 1.
- Higgins, James E., Buffalo, assignor to Du Pont Rayon Company, New York, N. Y. Thread winding and treating machine. 2,038,789; Apr. 28.
- Higgins, Louis M., et al. (See Page, George E., assignor.)
- Higgins, Ormal A., assignor to Humphreys Coal & Coke Company, Greensburg, Pa. Coking coal. 2,057,486; Oct. 13.
- Higgins, Pattillo, San Antonio, Tex. Flowerpot drain plug. 2,026,679; Jan. 7.
- Higgins, Ralph, Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Marker light. 2,028,906; Jan. 28.
- Higgins, Ralph, Akron, Ohio, assignor to The Ohio Brass Company, Mansfield, Ohio. Condenser. 2,028,907; Jan. 28.
- Higgins, Sigfried. (See Swan, H., and Higgins.)
- Higginson, George S., assignor to J. C. Vredenburg, London, England. Apparatus for aerating liquids. 2,062,994; Dec. 1.
- Higginson, George S., assignor to J. C. Vredenburg, London, England. Apparatus for aerating liquids. 2,062,995; Dec. 1.
- Higgitt, Harry V., London, England, assignor to Cable and Wireless Limited. Telegraph signaling apparatus. 2,029,071; Jan. 28.
- Higgs, Melvin, Pomona, Calif., assignor to The Taplin Manufacturing Company, New Britain, Conn. Can opener. 2,058,875; Oct. 27.
- High, Carl F., Flint, Mich. Fuel pump. 2,060,076; Nov. 10.
- High, Ivan M., and E. G. Kimmell, Keyser, W. Va. Hair curler. 2,042,397; May 26.
- Higham, Harry, Maplewood Township, Essex County, assignor to Frank Kremetz Company, Newark, N. J. Eyeglasses. 2,046,021; June 30.
- Highfield, George. (See Crooks, H. S., and Highfield.)
- Highland Iron & Steel Company. (See Schlossberg, J. B., and Frazier, assignors.)
- Highstone, Harold A., Oakland, Calif. Number selector. 2,034,436; Mar. 17.
- Hight, Franklin R., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Making wheels. 2,041,656; May 19.
- Hight, Franklin R., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Making spoked wheels. 2,041,657; May 19.
- Highway Trailer Company. (See Connors, George H., assignor.)
- Highway Trailer Company. (See Connors, G. H., and Stiff, assignors.)
- Highway Trailer Company. (See Helms, Harry W., assignor.)
- Highway Trailer Company. (See Menhall, Ernest A., assignor.)
- Highway Trailer Company. (See Molinare, Anthony W., assignor.)
- Highway Trailer Company. (See Robb, Harry C., Jr., assignor.)
- Highway Trailer Company. (See Williams, Leroy E., assignor.)
- Higley, Frank R., Cleveland Heights, Ohio. Manifold. 2,027,480; Jan. 14.
- Higley, Frank R., Cleveland Heights, Ohio. Manifold. 2,051,556; Aug. 18.
- Higley, Frank R., Cleveland Heights, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Press. 2,052,045; Aug. 25.
- Higley, Henry R., Pittsfield, Mass. Ophthalmic instrument. 2,033,634; Mar. 10.
- Higson, Percy R. (See Larsson, C. A., and Higson.)
- Hilblom, Samuel E., Chicago, Ill., assignor to International Harvester Company. Tractor mower. 2,044,169; June 16.
- Hilblom, Samuel E., Chicago, Ill., assignor to International Harvester Company. Adjusting and driving mechanism for tractor. 2,052,294; Aug. 25.
- Hilburt, William E., Rushville, Ind. Wrapping machine conveyor cooler. 2,037,903; Apr. 21.
- Hild, Fred C., Chicago, Ill. Floor machine. 2,039,903; May 5.
- Hild, Frederic W., Los Angeles, Calif. Terminal collar for well casings. 2,034,698; Mar. 24.
- Hild, Frederic W., Los Angeles, Calif. Multiflow cooling system. 2,041,928; May 26.
- Hild, Frederic W., Los Angeles, Calif. Multiflow cooling for internal combustion engines. 2,063,436; Dec. 8.
- Hildebrandt, Friedrich. (See Schwenk, E., and Hildebrandt.)
- Hildebrandt, Friedrich, Hohen Neuendorf, near Berlin, and E. Schwenk, New York, N. Y., assignors to Schering-Kahlbaum A. G., Berlin, Germany. Producing follicle hormone hydrates. 2,039,414; May 5.
- Hildebrandt, Friedrich, Hohen Neuendorf, near Berlin, Germany, and E. Schwenk, New York, N. Y., assignors to Schering-Kahlbaum A. G., Berlin, Germany. Production of hydrogenation products of the follicle hormones. 2,060,312; Nov. 10.
- Hildebrandt, Friedrich, Hohen Neuendorf, near Berlin, assignor to Schering-Kahlbaum A. G., Berlin, Germany. Concentrated solutions of the follicle hormone and its esters and making the same. 2,064,114; Dec. 15.
- Hildebrandt, Henry. (See Germann, Meredith R., assignor.)
- Hildebrandt, Julius H. (See Golrick, A. R., and Hildebrandt.)
- Hildenbrand, Glenn. (See Parks, R. D., and Hildenbrand.)
- Hildenbrand, Glenn, et al. (See Parks, R. D., and Hildenbrand.)
- Hilder, Stuart, Glencarlyn, Va., assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,046,820; July 7.
- Hildreth, Louis R. (See Fortier, B. F., and Miller, assignors.)
- Hildreth, Louis R. (See LaPointe, William B., assignor.)
- Hile, Charles L., assignor of one-half to W. Ruedeman, Louisville, Ky. Electric contact plug. 2,042,398; May 26.
- Hile, Leslie M. (See Newhouse, W. F., and Hile.)
- Hilger, Adam, Limited. (See Smith, Charles F., assignor.)
- Hilger, Adam, Limited. (See Twyman, F., and Follett, assignors.)
- Hilger, Josef. (See Taube, C., and Hilger.)
- Hilger, Josef, Leverkusen-I. G.-Werk, A. Ossenbeck, Cologne-Mulheim, and E. Tietze, Cologne-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Isothiocyanate sulphonic acids. 2,042,600; June 2.
- Hilgers, Carl J., Wuppertal-Barmen, Germany. Selecting and calling device for automatic telephone apparatus. 2,060,371; Nov. 10.
- Hilhouse, Guy, Surbiton, assignor to Trusound Limited, London, England. Gramophone record and manufacture thereof. 2,029,102; Jan. 28.
- Hilk, Frank J., Pittsburgh, Pa. Heat-distributor for registers. 2,042,310; May 26.
- Hilke, Henry C., Seattle, Wash. Log trisecting structure. 2,051,256; Aug. 18.
- Hill, Albert E., New York, N. Y. Rail joint. 2,036,633; Apr. 7.
- Hill, Albert E., New York, N. Y. Rail joint testing instrument. 2,054,378; Sept. 15.
- Hill, Arthur, Cleveland, Ohio. Combined pressure reducing and shut-off valve. 2,053,611; Sept. 8.
- Hill, Benjamin, Wilkinsburg, Pa. Heating garment. 2,051,524; Aug. 18.
- Hill, Charles A., assignor to Mueller Brass Co., Port Huron, Mich. Pipe. 2,029,424; Feb. 4.
- Hill, Charles H. (See Paxton, T., Reed, and Hill.)
- Hill, Charles H., Drexel Hill, Pa., assignor to General Electric Company. Circuit breaker. 2,047,824; July 14.
- Hill, Charles H., Drexel Hill, Pa., assignor to General Electric Company. Protective device. 2,053,952; Sept. 8.



- Hill, Charles H., and K. T. Ashdown, Drexel Hill, Pa., assignors to General Electric Company. Electrical switch gear. 2,054,674; Sept. 15.
- Hill, Charles K., Cleveland, Ohio. Drive screw and making same. 2,037,235; Apr. 14.
- Hill, Clarence B., assignor to Backstay Welt Company, Union City, Ind. Coated fabric. 2,059,792; Nov. 3.
- Hill, Earl G., and W. A. Seem, Forty Fort, Pa. Device for cleaning strand material. 2,036,806; Apr. 7.
- Hill, Edward G., and H. W. Hey, assignors to Automatic Shifters, Inc., Richmond, Va. Gear shifting mechanism for motor vehicles. 2,030,838; Feb. 11.
- Hill, Edward G., assignor to Hill Engineering Corporation, Richmond, Va. Clutch operating device for motor vehicles. 2,049,736; Aug. 4.
- Hill, Edward G., assignor to Hill Engineering Corporation, Richmond, Va. Clutch control device for motor vehicles. 2,049,739; Aug. 4.
- Hill, Edward G., and H. W. Hey, assignors to Hill Engineering Corporation, Richmond, Va. Clutch control device for motor vehicles. 2,049,737; Aug. 4.
- Hill, Edward G., Chicago, Ill., and H. W. Hey, assignors to Hill Engineering Corporation, Richmond, Va. Clutch control device for motor vehicles. 2,049,738; Aug. 4.
- Hill, Edward G. Jr., assignor to Hill Engineering Corporation, Richmond, Va. Clutch operating device for motor vehicles. 2,058,313; Oct. 20.
- Hill Engineering Corporation. (See Hill, Edward G., assignor.)
- Hill Engineering Corporation. (See Hill, E. G., and Hey, assignors.)
- Hill Engineering Company. (See Hill, Myron F., assignor.)
- Hill, Frank B. (See Dickie, W. A., and Hill.)
- Hill, Frank E. J. (See Bunt, Edward T., assignor.)
- Hill, George H., Jr., Parkersburg, W. Va. Distributing apparatus. 2,031,262; Feb. 13.
- Hill, George L., Oakland, Calif. High tension fuse. 2,056,189; Oct. 6.
- Hill, Harold O., Bethlehem, Pa., assignor to McClintic-Marshall Corporation. Footing for towers. 2,036,047; Mar. 31.
- Hill, Harry. (See Hunter, P. V., Brazier, and Hill.)
- Hill, Harry S., and A. C. Peterson, assignors to Harry S. Hill (Manufacturing) Co., Portland, Oreg. Chuck for paper drills. 2,060,313; Nov. 10.
- Hill, Harry S., Co. (See Hill, H. S., and Peterson, assignors.)
- Hill, Harry W. (See Tillyer, E. D., and Hill.)
- Hill, Henry E. (See Cushman, R. W., and Hill.)
- Hill, Henry E., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone supervisory system. 2,047,781; July 14.
- Hill, Hermann, and W. H. Foxall, Brighton, N. Y. Clippers for superfluous hair. 2,055,129; Sept. 22.
- Hill-Independent Mfg. Company, The. (See Baumgarten, Leopold, assignor.)
- Hill, Irving, assignor to The Lawrence Paper Company, Lawrence, Kans. Box. 2,044,301; June 16.
- Hill, Joseph B., Philadelphia, Pa., assignor to The Gray Processes Corporation, Newark, N. J. Refining of mineral oil distillates. 2,039,904; May 5.
- Hill, Joseph M., Cleveland, Ohio, assignor of one-half to H. S. Narten and R. J. Van Stone. Cooling or refrigerating body. 2,044,943; June 23.
- Hill, Lansing B., Santa Ana, Calif. Camera. 2,035,961; Mar. 31.
- Hill, Leland H., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Connector. 2,060,757; Nov. 10.
- Hill, Mark L. (See Ayres, E., and Hill.)
- Hill, Maxwell H. (See Lloyd, W. P., and Hill.)
- Hill, Myron, Lansdowne, Pa., assignor to Hill Engineering Company, Inc. Tooth curve for rotors and gears. 2,031,888; Feb. 25.
- Hill, Ralph B., Bridgeport, assignor to L. P. Clark, Jr., South Norwalk, Conn. Electrical plug device. 2,046,948; July 7.
- Hill, Robert, Oakville, Ontario, assignor of one-half to W. A. Duff, Montreal, Quebec, Canada. Railway tie plate. 2,042,464; June 2.
- Hill, Robert B. (See Westhaver, John L., assignor.)
- Hill, Robert H. (See Blake, K. R., and Hill.)
- Hill, Roger B., Peabody, Mass. Imitation leather and manufacture thereof. 2,037,130; Apr. 14.
- Hill, Rollo D., assignor of one-half to G. S. Tucker, Los Angeles, Calif. Filter. 2,047,266; July 14.
- Hill, Rowland. (See Baird, W., and Hill.)
- Hill, Rowland. (See Cocker, W., Davies, and Hill.)
- Hill, Rowland, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of acrylic acid. 2,026,894; Jan. 7.
- Hill, Rowland, Manchester, England, assignor to Imperial Chemical Industries Limited. Polymerization product and molding same. 2,045,651; June 30.
- Hill, Russell C., San Antonio, Tex. Binder. 2,057,487; Oct. 13.
- Hill, Ted, Chicago, Ill. Display rack. 2,046,627; July 7.
- Hill, Valentine J., Jr., Bloomfield, N. J., assignor to Walter Kidde & Company, Inc., New York, N. Y. Container for pressure propelled liquids. 2,036,698; Apr. 7.
- Hill, Valentine J., Jr., assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Handle for fire extinguishing apparatus. 2,062,713; Dec. 1.
- Hill, Valentine J., Jr., Bloomfield, H. E. Heigis, West Orange, and A. Towart, Jr., Caldwell, assignors to Walter Kidde & Company, Inc., Bloomfield, N. J. Fire extinguishing apparatus. 2,066,290; Dec. 29.
- Hill, William B., San Francisco, Calif. Necktie clasp. 2,050,433; Aug. 11.
- Hill, William H., Roanoke Rapids, N. C. Stop motion for looms. 2,027,775; Jan. 14.
- Hille, Robert A., Cincinnati, Ohio. Attachment for gasoline tanks. 2,050,793; Aug. 11.
- Hiller, Gustave, Vancouver, Wash. Gasoline vaporizer. 2,053,287; Sept. 8.
- Hiller, Nicolai H., Carbondale, Pa., assignor, by mesne assignments, to Worthington Pump and Machinery Corporation, Harrison, N. J. Chilling apparatus. 2,039,796; May 5.
- Hiller, Nicolai H., and E. B. McCabe, Carbondale, Pa., assignor, by mesne assignments, to Worthington Pump and Machinery Corporation, Harrison, N. J. Continuous filter. 2,053,664; Sept. 8.
- Hillerich & Bradsby Co. (See Hillerich, John A., assignor.)
- Hillerich, John A., assignor to Hillerich & Bradsby Co., Louisville, Ky. Treatment of wood for baseball bats. 2,039,221; Apr. 28.
- Hillery, George A., New Orleans, La. Apparatus for linking sausage. 2,052,092; Aug. 25.
- Hillhouse, Charles B., Newport, R. I., assignor to S. R. Hillhouse, New York, N. Y. Making gas. 2,038,657; Apr. 28.
- Hillhouse, Charles B., assignor to Sylvia Remsen Hillhouse, New York, N. Y. Producing gas. 2,047,870; July 14.
- Hillhouse, Charles B., assignor to S. R. Hillhouse, New York, N. Y. Apparatus for burning oil as gas. 2,047,871; July 14.
- Hillhouse, Sylvia R. (See Hillhouse, Charles B., assignor.)
- Hilliard, H. W., Co. Inc. (See Cherry, L. A., and Fuller, assignors.)
- Hilliker, William P., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Anti-leak agent for greases. 2,065,857; Dec. 29.
- Hillinger, Charles K., receiver. (See Frierhood, Charles L., assignor.)
- Hills, David R., Detroit, Mich., assignor, by mesne assignments, to Trabon Engineering Corporation, Cleveland, Ohio. Divisional feeder. 2,027,171; Jan. 7.
- Hillix, Foster. (See Knebusch, W. F., and Hillix.)
- Hillix, Foster F., Lakewood, Ohio, assignor to The American Steel and Wire Company of New Jersey. Lapping block. 2,050,054; Aug. 4.
- Hillman, Albert G., assignor to Colourgravure Limited, London, England. Light dividing device. 2,043,292; June 9.
- Hillman, Albert G., assignor to Colourgravure Limited, London, England. Production of cinematographic effects in color. 2,047,557; July 14.
- Hills Bros. (See McIver, Paul D., assignor.)
- Hills Brothers Company, The. (See Landes, Joseph M., assignor.)
- Hills, George S., New Rochelle, N. Y. Window guard. 2,050,322; Aug. 11.
- Hills, Reuben B. (See Roberge, Charles, assignor.)
- Hills, Sidney C., London, England, assignor to Radio Corporation of America. Automatic alarm device. 2,026,635; Jan. 7.
- Hillson, Benjamin C., Brooklyn, assignor to Rough Wear Clothing Co., New York, N. Y. 2,056,788; Oct. 6.
- Hillyard, Newton S. (See Gill, Merle A., assignor.)
- Hillyard, Newton S., St. Joseph, Mo. Stop signal. 2,041,178; May 19.
- Hi-Lo Corporation. (See Spearling, Rudolph, assignor.)
- Hilpman, John H., Hollis, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,061,872; Nov. 24.
- Hilsinger, Arthur R., Maplewood, N. J. Eyeglass guard. 2,052,878; Sept. 1.
- Hilton, Roland C., assignor to Jude Torf, Los Angeles, Calif. Electric heating pad. 2,064,001; Dec. 15.
- Hilts, George F., Grand Rapids, Mich. Electric gas gun. 2,037,129; Apr. 14.
- Hilty, Evert H., and H. F. Umstott, assignors to The Will-Burt Comany, Orrville, Ohio. Automatic motor cut-off and alarm. 2,062,905; Dec. 1.
- Hilyard, Albert, Salinas, Calif. Plant thinning implement. 2,028,450; Jan. 21.
- Himberger, Earl W., assignor to Pacific Marine Supply Company, Seattle, Wash. Coupling link. 2,031,889; Feb. 25.
- Himberger, Earl W., Seattle, Wash. Portable pumping unit. 2,044,849; June 23.
- Hinchen, Donald T., Sydney, New South Wales, Australia, assignor to The Magnavox Company, Fort Wayne, Ind. Electrodynamic sound reproducing apparatus. 2,031,775; Feb. 25.
- Hinchliff, Ralph, Rockford, Ill., assignor, by mesne assignments, to The Coverknit Inc. Textile jacket for household utensils and other articles. 2,035,384; Mar. 24.
- Hinchliffe, Edward H., Lynbrook, assignor of one-half to A. R. Hurd, Malverne, Long Island, N. Y. Method and apparatus for removing feathers from fowl. 2,027,729; Jan. 14.
- Hinckley, John N., Cambridge, Mass., and S. H. Clark, Provo, Utah. Rotary engine. 2,060,937; Nov. 17.



- Hinckley-Myers Company. (See Graham, G. M., Price, and Westcott, assignors.)
- Hind, Lewis, Grass Valley, Calif. Measuring instrument. 2,039,997; May 5.
- Hinde & Dauch Paper Company, The. (See Drewsen, Pierre, assignor.)
- Hinde and Dauch Paper Company, The. (See George, Fred, assignor.)
- Hinde and Dauch Paper Company, The. (See Graham, William R., assignor.)
- Hinde and Dauch Paper Company, The. (See Morton, Lawrence D., assignor.)
- Hinds, Henry P., Providence, R. I., assignor to General Electric Company. Securing a metal member to a non-metallic tubular member. 2,059,867; Nov. 3.
- Hinds, George A., Malvern, England, assignor of one-half to F. W. McConnel, Barbers, Martley, England. Machine for plucking hops. 2,064,748; Dec. 15.
- Hinds, William W., Kansas City, Mo., assignor, by mesne assignments, to Calcyanide Products Corporation. Apparatus for and method of fumigating. 2,027,042; Jan. 7.
- Hine, Carlos N. (See Davidson, G. A., Liddell, Hine, and Shannon.)
- Hine, Dewey, Boonton, assignor of one-half to Philip Farnsworth, Summit, N. J. Motor vehicle vision-preserver. 2,062,512; Dec. 1.
- Hine, James J., London, and W. A. Fox-Strangways, Belmont, South Brent, assignors to Tue "Double H" Brick Company Limited, London, England. Cavity brick. 2,042,992; June 2.
- Hinegardner, Wilbie S. (See Reichert, J. S., McAllister, and Hinegardner.)
- Hinegardner, Wilbie S., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Preparation of soluble paraformaldehyde. 2,042,657; June 2.
- Hineline, Edson S. (See Petit, W. H., and Hineline.)
- Hineline, Edson S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Determining the exact light-exposure in cameras while focusing the same. 2,048,655; July 21.
- Hines Electrical Specialties, Inc. (See Hines, Francis J., assignor.)
- Hines, Francis J., Belmont, assignor to Gillette Safety Razor Company, Boston, Mass. Display device. 2,056,067; Sept. 29.
- Hines, Francis J., Brooklyn, N. Y., assignor to Hines Electrical Specialties, Inc. Electric fixture. 2,060,990; Nov. 17.
- Hines, George W. (See Little, H. J., and Hines.)
- Hines, Pierre R., Portland, Oreg. Deinking paper printed with oxidizable inks. 2,042,465; June 2.
- Hines, Posie L., Roanoke, Va. Attaching sunshade glasses to spectacles. 2,065,458; Dec. 22.
- Hingst, Hermann G. C., Hamburg, Germany. Shock absorbing device for motor vehicles. 2,035,809; Mar. 31.
- Hiniker, Benjamin F., Taft, Calif. Oil well spider. 2,063,378; Dec. 8.
- Hinkle, James M., and D. Owens, Barbourville, Ky. Multiple vacuum plunger. 2,052,768; Sept. 1.
- Hinkson, Holman S., Lacytown, Georgetown, Demerara, British Guiana. Aircraft. 2,060,077; Nov. 10.
- Hinman, Ralph L., Oneida, N. Y. Milk sediment testing apparatus. 2,058,587; Oct. 27.
- Hinman, Walker M., assignor to The Frederick Post Company, Chicago, Ill. Accelerated diazo printing and materials therefor. 2,027,229; Jan. 7.
- Hinrichs, Herbert, et al. (See Kammel, Hugo, assignor.)
- Hinrichs, Wilhelm J. H., Hamburg, Germany. Producing moistureproof and airtight materials. 2,040,608; May 12.
- Hinshaw, Joseph H. H. (See Barnes, Allen L., assignor.)
- Hinshaw, Joseph H., trustee. (See Barnes, Allen L., assignor.)
- Hinsky, Anthony P., assignor to Pyro Products Corporation, Brooklyn, N. Y. Dual wiper or applicator. 2,036,048; Mar. 31.
- Hinson, Robert J., London, England. Tree caliper. 2,059,580; Nov. 3.
- Hintermeyer, Willy, Munich, Germany. Keyboard for accompaniment for hand accordions and similar musical instruments. 2,049,564; Aug. 4.
- Hinton, Francis J., Milwaukee, Wis. Wall decorating device. 2,035,127; Mar. 24.
- Hinton, Norman P., Finchley, London, assignor to The Marconi International Marine Communication Company Limited, London, England. Pressure wave transmitter and receiver incorporating magnetostrictive devices. 2,059,107; Oct. 27.
- Hintz, John C., River Forest, assignor to Tenderet Corporation, Chicago, Ill. Meat tenderer. 2,061,799; Nov. 24.
- Hintz, Josephine C., Lake Mills, Iowa. Adjustable head support. 2,028,979; Jan. 28.
- Hintze, Helmut. (See Hertwig, H., and Hintze.)
- Hintzmann, Karl. (See Hentrich, W., Keppler, and Hintzmann.)
- Hipkiss, William H., Quinton, Birmingham, England. Ventilating fan. 2,062,513; Dec. 1.
- Hippen, Ralph W., and L. T. Barnes, Oklahoma City, Okla., said Barnes assignor to said Hippen. Projectile. 2,060,213; Nov. 10.
- Hippler, Walter M. (See Murphy, G. E., and Hippler.)
- Hirche, Willy, Leopoldshain, near Gorlitz, Germany. Refrigerant compressor. 2,041,128; May 19.
- Hirmann, Julius. (See Henry, T. J., and Hirmann.)
- Hirmann, Julius, Hillside, N. J., assignor to Radio Corporation of America. Tube base and socket. 2,027,730; Jan. 14.
- Hirmann, Julius, Hillside, N. J., assignor to Radio Corporation of America. Tube base and socket. 2,038,513; Apr. 21.
- Hirmann, Julius, Hillside, N. J., assignor to Radio Corporation of America. Mount for electron discharge devices. 2,055,897; Sept. 29.
- Hirmann, Julius, Hillside, N. J., assignor to Radio Corporation of America. Mount for electron discharge devices. 2,058,790; Oct. 27.
- Hironaka, Yasusaburo, Tsuwano-cho, Kano-Ashi-gun, Shimane-ken, Japan. Internal combustion engine. 2,029,169; Jan. 28.
- Hirsch, Aaron J. H., Plainfield, N. J. Wire twisting tool. 2,032,415; Mar. 3.
- Hirsch, Adolph, New York, N. Y. Spool box. 2,042,311; May 26.
- Hirsch, Alfred. (See Elledge, H. G., and Hirsch.)
- Hirsch, Alfred. (See Elledge, H., and Hirsch.)
- Hirsch, Henry, Jersey City, N. J. Feather cleaning and sterilizing machine. 2,027,590; Jan. 14.
- Hirsch, Joseph, assignor to Kops Brothers Inc., New York, N. Y. Garment. 2,062,131; Nov. 24.
- Hirsch, Lewis A., Jersey City, and M. Mittelhammer, North Bergen, N. J. Display frame. 2,043,752; June 9.
- Hirsch, Louis, Textile Machines, Inc. (See Friedmann, Albert, assignor.)
- Hirsch, Louis, Textile Machines, Inc. (See Hirsch, Louis, assignor.)
- Hirsch, Louis, Weehawken, N. J., assignor to Louis Hirsch Textile Machines, Inc., New York, N. Y. Knitting method and mechanism. 2,040,938; May 19.
- Hirsch, Louis, Weehawken, N. J., assignor to Louis Hirsch Textile Machines, Inc., New York, N. Y. Knitted fabric. 2,044,690; June 16.
- Hirsch, Rudolph, North Bergen, N. J. Bit for smoking pipes and the like. 2,065,223; Dec. 22.
- Hirsch, Samuel, and H. Irmscher, assignors to Millie Patent Holding Co. Inc., New York, N. Y. Transfer, trimming, and closing mechanism for combination bag forming machines. 2,027,043; Jan. 7.
- Hirsch, Walter F. (See Kormann, F. A., and Hirsch.)
- Hirschauer, Joseph, Sioux City, assignor of one-twentieth to H. M. Larson, Alta, Iowa. Golf game. 2,041,678; May 19.
- Hirschberg, Charles A., Mountain Lakes, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Drilling machine. 2,053,612; Sept. 8.
- Hirschberg, Charles A., Mountain Lakes, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Portable drilling rig. 2,053,665; Sept. 8.
- Hirschhorn, Louis, New York, N. Y. Acetyl salicylic acid solution and producing the same. 2,040,848; May 19.
- Hirschkind, Wilhelm. (See Hagens, J. F. C., Rosenstein, and Hirschkind.)
- Hirschkind, Wilhelm, Berkeley, assignor to Great Western Electro-Chemical Company, San Francisco, Calif. Bleaching process and bleach. 2,046,382; July 7.
- Hirschler, Horace L., San Francisco, Calif. Safety burner. 2,042,942; June 2.
- Hirschman, Joseph. (See Loos, Karl, assignor.)
- Hirschmann, Winfred B. (See Bechtner, P., and Hirschmann.)
- Hirschy, Herman C., Long Beach, Calif. Fountain pen. 2,045,774; June 30.
- Hirshfeld, Clarence F., Detroit, Mich., assignor, by mesne assignments, to Transit Research Corporation, New York, N. Y. Wheel. 2,065,134; Dec. 22.
- Hirshfeld, Ira W. (See Golding, Edwin I., assignor.)
- Hirst, Arthur A., Birmingham, England. Washer box for treating coal or other granular substance. 2,035,750; Mar. 31.
- Hirst, Edwin P., Merchantville, N. J., assignor to G. Marks, and S. Aron, trading as Novelty Sales Company, Philadelphia, Pa. Vending device. 2,027,432; Jan. 14.
- Hirth, Hellmut, and R. Weis, Stuttgart-Zuffenhausen, Germany. Propeller. 2,053,666; Sept. 8.
- Hirth, Richard B., Milwaukee, Wis. Carburetor. 2,030,922; Feb. 18.
- Hirtz, Joseph A., Sr., assignor of one-half to E. J. Smith, Sr., Mount Oliver, Pa. Multiple tool woodworking machine. 2,045,853; June 30.
- Hirtz, Joseph A., Sr., assignor of one-half to E. J. Smith, Sr., Mount Oliver, Pa. Band saw attachment for woodworking machines. 2,064,605; Dec. 15.
- Hirtz, Joseph A., Sr., assignor of one-half to E. J. Smith, Sr., Mount Oliver, Pa. Jigsaw attachment for woodworking machines. 2,064,606; Dec. 15.
- Hirtz, Joseph A., Sr., assignor of one-half to E. J. Smith, Sr., Mount Oliver, Pa. Guide for woodworking machines. 2,064,607; Dec. 15.
- Hirvonen, Eric J., assignor to Leland-Gifford Company, Worcester, Mass. Drilling machine. 2,049,444; Aug. 4.
- Hirvonen, Eric J., assignor to Leland-Gifford Company, Worcester, Mass. Hydraulic drilling machine. 2,066,109; Dec. 29.
- Hisaw, Frederick L., and H. L. Fevold, assignors to Wisconsin Alumni Research Foundation, Madison, Wis. Isolation and purification of hormones. 2,030,209; Feb. 11.



- Hisaw, Frederick L., and H. L. Fevold, assignors to Wisconsin Alumni Research Foundation, Madison, Wis. Isolation and purification of the gonad stimulating hormone. 2,030,210; Feb. 11.
- Hiscock, Thorp, Seattle, Wash., assignor, by mesne assignments, to United Air Lines Transport Corporation, Chicago, Ill. Ice removing means. 2,028,669; Jan. 21.
- Hiscock, William J., Olcott, assignor to Norton Laboratories, Lockport, N. Y. Electrical resistance device. 2,060,417; Nov. 10.
- Hise, George L., Conneaut Lake, Pa., assignor to Republic Steel Corporation, Cleveland, Ohio. Flash scraper. 2,053,829; Sept. 8.
- Hiser, Noble M., Tucson, Ariz. Table. 2,045,467; June 23.
- Hiss, George F., Los Angeles, Calif. Shirt board. 2,048,551; July 21.
- Hitch, Emmet F., and M. A. Dahlen, Wilmington, Del., and M. E. Friedrich, Carneys Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes and their preparation. 2,031,651; Feb. 25.
- Hitchcock, C. W., et al., executors. (See Hitchcock, Reuben.)
- Hitchcock, Forrest L., assignor to FurnaSlave, Inc., Indianapolis, Ind. Feeding means for underfeed stokers. 2,034,099; Mar. 17.
- Hitchcock, Forrest L., Indianapolis, Ind., assignor to Furnaslave, Inc. Underfeed stoker grate. 2,035,128; Mar. 24.
- Hitchcock, Forrest L., Indianapolis, Ind. Fuel supply and control system. 2,041,833; May 26.
- Hitchcock, Forest B., Greece, assignor to General Railway Signal Company, Rochester, N. Y. Relay. 2,056,147; Sept. 29.
- Hitchcock, Frederick J., Danvers, and G. G. Perkins, Lynn, Mass. Oil bottle silencer cap. 2,060,372; Nov. 10.
- Hitchcock, H. Morley, et al., executors. (See Hitchcock, Reuben.)
- Hitchcock, Lawrence, et al., executors. (See Hitchcock, Reuben.)
- Hitchcock, Reuben, deceased, by L. Hitchcock, H. M. Hitchcock, C. W. Hitchcock, Cleveland, and D. B. Meacham, Cincinnati, Ohio, Executors, assignors to Dexter Folder Company, New York, N. Y. Folding machine. 2,058,876; Oct. 27.
- Hitchcock, Reuben, deceased, by L. Hitchcock, H. M. Hitchcock, C. W. Hitchcock, Cleveland, and D. B. Meacham, Cincinnati, Ohio, Executors, assignors to Dexter Folding Company, New York, N. Y. Machine for folding paper or other materials. 2,058,877; Oct. 27.
- Hitchcock, Rex B., Marqu-en-Baroeul, France, assignor to International Harvester Company. Side delivery hay rake. 2,040,692; May 12.
- Hitchcock, Richard C., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Light relay. 2,060,500; Nov. 10.
- Hitchens, Sherman B., Missouri Valley, Iowa. Pipe handling apparatus. 2,060,214; Nov. 10.
- Hite, Charles E., Philadelphia, Pa. Producing an emulsifiable asphalt. 2,044,570; June 16.
- Hite, Edward W., assignor to The Slaymaker Lock Company, Lancaster, Pa. Padlock. 2,044,529; June 16.
- Hite, Edward W., assignor to The Haymaker Lock Company, Lancaster, Pa. Permutation lock. 2,047,102; July 7.
- Hite, Ernest L., Sedalia, Mo. Bullet shield. 2,050,178; Aug. 4.
- Hitner, Harry F., Oakmont, Pa., assignor to Pittsburgh Plate Glass Company. Level indicating apparatus. 2,032,016; Feb. 25.
- Hitt, Charles W. (See Zublin, J. A., and Hill, assignors.)
- Hitt, Charles W., assignor to J. A. Zublin, Los Angeles, Calif. Apparatus for making tubes. 2,066,004; Dec. 29.
- Hitt, Parker, assignor to International Communications Laboratories, Inc., New York, N. Y. Ciphering apparatus. 2,028,508; Jan. 21.
- Hittell, John L., Chicago, Ill., assignor to The Automatic Transmission Engineering Company, John L. Hittell, Trustee. Variable speed transmission. 2,062,310; Dec. 1.
- Hitzler, Ralph C., Lapeer, Mich. Dispensing device. 2,042,098; May 26.
- Hitzman, Julius G., St. Louis, Mo. Roof cleat and guard. 2,041,929; May 26.
- Hively, Ossian, assignor to The Morgan Engineering Company, Alliance, Ohio. Stripping ingots. 2,063,675; Dec. 8.
- Hively, Ossian, assignor to The Morgan Engineering Company, Alliance, Ohio. Ingot stripper. 2,063,676; Dec. 8.
- Hi-Way Service Corporation. (See Kerber, Joseph H., assignor.)
- Hixon, Alfred J., Braintree, Mass. Conductor terminal or lug. 2,035,070; Mar. 24.
- Hixon, Alfred J., Braintree, and W. W. Thompson, Milton, assignors to Hixon Electric Co., South Boston, Mass. Visible paging system. 2,047,586; July 14.
- Hixon Electric Co. (See Hixon, A. J., and Thompson, assignors.)
- Hixon, Harry, Sr., Lead, S. D. Spray device for use in mines. 2,059,639; Nov. 3.
- Hjelmblad, Karl W. J., Alsten, assignor to Accumulator Aktiebolaget Leif Nobel, Stockholm, Sweden. Electric accumulator. 2,041,834; May 26.
- Hjerpe, Eric B., Pittsburgh, and W. A. Gruse, Wilkinsburg, Pa., assignors to Gulf Research & Development Corporation, Wilmington, Del. Treatment of petroleum oils. 2,042,995; June 2.
- Hjerpe, Eric B., Pittsburgh, and W. A. Gruse, Wilkinsburg, assignors, by mesne assignments, to Gulf Oil Corporation, Pittsburgh, Pa. Treating petroleum oils. 2,046,951; July 7.
- Hjerpe, Eric B., Pittsburgh, and W. A. Gruse, Wilkinsburg, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Refining of petroleum oils. 2,054,750; Sept. 15.
- Hladik, Ladislav, Pilsen, assignor to Limited Company, formerly the Skoda Works, Plzen, Prague, Czechoslovakia. Frictional and positive clutch mechanism. 2,065,224; Dec. 22.
- Hlavacek, Frank, Jr. (See Wendell, R. E., and Hlavacek.)
- Hoag, Philip O., assignor to The Whitehead & Hoag Company, Newark, N. J. Container cap. 2,046,745; July 7.
- Hoaglund, Arthur W., and J. B. Daggett, Minneapolis, Minn. Bedside toilet chair. 2,037,578; Apr. 14.
- Hoague-Sprague Corporation. (See Knowlton, Cutler D., assignor.)
- Hoak, Clarence B., Steubenville, Ohio. Annealing furnace. 2,040,994; May 19.
- Hoar, Stedman B. (See Stephens, H. C., and Hoar.)
- Hoar, Stedman B., Orange, Calif., assignor, by mesne assignments, to Natural Food Products Company. Automatic air release means for vacuum systems. 2,059,455; Nov. 3.
- Hoban, Fairfield W., assignor to Fairfield Specialties Corporation, New York, N. Y. Timing control for circuits. 2,036,176; Mar. 31.
- Hobart, Edward A., Troy, Ohio. Electric welder control. 2,049,377; July 28.
- Hobart, Garret A., 3d, Schenectady, N. Y., assignor to General Electric Company. High frequency oscillator. 2,051,601; Aug. 18.
- Hobart Manufacturing Company, The. (See Bradshaw Herbert B., assignor.)
- Hobart Manufacturing Company, The. (See Breaden, Carroll E., assignor.)
- Hobart Manufacturing Company, The. (See Bryce, James W., assignor.)
- Hobart Manufacturing Company, The. (See Johnson, Herbert L., assignor.)
- Hobart Manufacturing Company, The. (See Meeker, David A., assignor.)
- Hobart Manufacturing Company, The. (See Ogsbury, James S., assignor.)
- Hobart Manufacturing Company, The. (See Strachan, T. H., and Fryer, assignors.)
- Hobart Manufacturing Company, The. (See Von Pein, Edward J., assignor.)
- Hobart Manufacturing Company, The. (See Wiley, Raymond D., assignor.)
- Hobbs, Howard F., Leamington Spa, England. Power transmission mechanism. 2,031,414; Feb. 18.
- Hobbs, Howard F., Paradise, South Australia, Australia. Automatically variable transmission gear particularly for motor vehicles. 2,040,136; May 12.
- Hobbs, James C., Painesville, Ohio. Gas and liquid separating apparatus. 2,058,240; Oct. 20.
- Hobbs, James C., Painesville, Ohio. Heat exchanger. 2,060,078; Nov. 10.
- Hobbs, John W., assignor to George W. Borg Corporation, Chicago, Ill. Illuminated instrument dial. 2,062,883; Dec. 1.
- Hobbs, John W., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Overrunning clutch and control means therefor. 2,063,379; Dec. 8.
- Hobbs, Laurence G. (See Cederholm, K. J., and Hobbs.)
- Hobbs, Laurence G., and K. J. Cederholm, Fitchburg, Mass. Frankfurter roll slitting machine. 2,059,108; Oct. 27.
- Hobbs Manufacturing Company. (See Carlson, Fritz O., assignor.)
- Hobbs, Maurice H., Wilkinsburg, and H. H. Rugg, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switch gear. 2,050,323; Aug. 11.
- Hobbs, William L., Oklahoma City, Okla. Extension attachment for ladders, scaffolds and the like. 2,057,777; Oct. 20.
- Hobby, Amos K. (See Choate, P. C., and Hobby.)
- Hobby, Amos K., Cambridge, and P. C. Choate, Essex, Mass. Hydrating caustics and dehydrating hydrous salts. 2,058,980; Oct. 27.
- Hobby, William H., Miami, Fla. Automobile license plate holder. 2,062,057; Nov. 24.
- Hobler, Thadeus, Paris, France, assignor to the firm Hydro Nitro S. A., Geneva, Switzerland. Utilizing the heat in the oxidation of ammonia to nitric acid under pressure. 2,031,215; Feb. 18.
- Hoblick, Benjamin M., Fresno, assignor to Blake, Moffitt & Towne, San Francisco, Calif. Fruit box liner. 2,038,790; Apr. 28.
- Hobrock, Raymond H., Akron, Ohio. Making resistance elements. 2,057,431; Oct. 13.
- Hobson, H. M., (Aircraft and Motor) Components Limited. (See Helmore, W., and Griffith, assignors.)
- Hobson, Roy C., Willoughby Township, Lake County, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,061,767; Nov. 24.



- Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Combination lighter and burner support for gas stoves. 2,049,650; Aug. 4.
- Hobson, Stanley H., and P. I. Hollman, assignor to Geo. D. Roper Corporation, Rockford, Ill. Broiler drawer. 2,029,718; Feb. 4.
- Hoche, Adam, Brooklyn, N. Y. Esterification process. 2,046,821; July 7.
- Hoche, Adam, Brooklyn, N. Y. Pulp process. 2,058,791; Oct. 27.
- Hoche, Adam, Brooklyn, N. Y. Pulp process. 2,058,792; Oct. 27.
- Hoche, Andrew A., Etna, Pa., assignor to Hubbard and Company. Dead end clamp. 2,062,653; Dec. 1.
- Hoche, Andrew A., Etna, and M. Lasher, Pittsburgh, Pa., assignors to Hubbard and Company. Sheet metal insulator support pin and making the same. 2,032,017; Feb. 25.
- Hoche, Andrew A., Etna, and R. H. Manson, Pittsburgh, Pa., assignors to Hubbard & Company. Guy wire protector. 2,061,306; Nov. 17.
- Hoche, Andrew A., Etna, and R. H. Manson, Pittsburgh, Pa., assignors to Hubbard & Company. Mounting for guy wire protectors. 2,061,307; Nov. 17.
- Hochman, Julius C., assignor to Eagle Pencil Co., Inc., New York, N. Y. Combination drafting implement. 2,054,420; Sept. 15.
- Hochman, Julius C., New York, N. Y. Typewriter ribbon device. 2,060,314; Nov. 10.
- Hochman, Julius C., New York, N. Y. Typewriter ribbon attachment. 2,060,315; Nov. 10.
- Hochreiter, Charles J., and O. R. McLaud, Elmira, N. Y. Vaporizing manifold for heavy fuel oils. 2,033,575; Mar. 10.
- Hochreiter, Edward, and F. E. McGary, assignors to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Apparatus for die drawing large irregularly shaped sheet metal articles. 2,064,160; Dec. 15.
- Hochriem, Gustav F., Chicago, Ill., assignor to Camco Scale Corporation, New York, N. Y. Weighing and ticket printing machine. 2,053,433; Sept. 8.
- Hochstadt, Frederick I., Brooklyn, N. Y. Apparatus for use with type slug saws. 2,057,488; Oct. 13.
- Hochstetter, Frederick W., Pittsburgh, Pa. Colored and flameproofed material. 2,045,139; June 23.
- Hochwalt, Carroll A. (See Thomas, C. A., and Hochwalt.)
- Hochwalt, Carroll A., assignor, by mesne assignments, to Monsanto Petroleum Chemicals, Inc., Dayton, Ohio. Prepared resin. 2,035,233; Mar. 24.
- Hochwalt, Carroll A., and W. H. Carmody, assignors, by mesne assignments, to N. S. Talbott, Dayton, Ohio. Aging of whiskey. 2,027,099; Jan. 7.
- Hochwalt, Carroll A., Dayton, Ohio, and C. A. Thomas, Wayne, Pa., assignors, by mesne assignments, to N. S. Talbott, Dayton, Ohio. Method of aging whiskey. 2,027,100; Jan. 7.
- Hochwalt, Carroll A., and H. J. Reboulet, assignors to The Mead Research Engineering Company, Dayton, Ohio. Coating process and coated article. 2,056,399; Oct. 6.
- Hochwalt, Justin A. (See Rowe, C. J., and Hochwalt.)
- Hock, Alvin, Cincinnati, Ohio. Brew kettle. 2,035,962; Mar. 31.
- Hockelmann, Jülius, Neheim-on-the-Ruhr, assignor to the firm Gust. Rafflenbeul G. m. b. H., Schwelm, Germany. Production of drawing-pins, wire-tacks, and the like. 2,040,553; May 12.
- Hoddy, Joseph S., assignor to Robbins & Myers, Inc., Springfield, Ohio. Clutch and switch for electric motors. 2,054,479; Sept. 15.
- Hodek, Louis, Cicero, Ill. Condiment shaker. 2,048,381; July 21.
- Hodge, Alfred R., Kenilworth, Ill. Container. 2,030,295; Feb. 11.
- Hodge, Arthur J., Lomita, and J. D. Spalding, Los Angeles, Calif., assignors, by mesne assignments, to The National Superior Company, Toledo, Ohio. Rotary machine. 2,041,180; May 19.
- Hodge, Edwin T. (See McDougall, George F., assignor.)
- Hodge, Edwin T., and G. F. McDougall, Portland, Oreg.; said McDougall assignor to said Hodge. Auxiliary hydraulic steering mechanism. 2,028,451; Jan. 21.
- Hodge, Robert J., assignor to The American Buckle Company, West Haven, Conn. Loop-buckle. 2,027,533; Jan. 14.
- Hodge, Roland H. (See Pendleton, R. N., and Hodge.)
- Hodge, William B., Charlotte, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass. Hygroscopic controlling mechanism for an electric circuit. 2,041,658; May 19.
- Hodge, William B., Charlotte, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass. Cleaning apparatus for machinery. 2,047,558; July 14.
- Hodge, William B., Charlotte, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass. Humidifier. 2,057,236; Oct. 13.
- Hodge, William B., Charlotte, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass. Cleaning apparatus. 2,063,873; Dec. 8.
- Hodge, William B., Charlotte, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass. Traveling cleaner. 2,063,874; Dec. 8.
- Hodges, Frank L. (See Harris, Raymond P., assignor.)
- Hodges, Frederick J., Waubesa, Ontario, Canada. Insulator clamp. 2,059,456; Nov. 3.
- Hodges, George F., and F. B. Cota, San Ysidro, Calif. Liquid fuel burning apparatus. 2,066,039; Dec. 29.
- Hodges, Lee W., Defiance, assignor to Saturn Heater Corporation, Bryan, Ohio. Automatic water heater. 2,044,611; June 16.
- Hodgins, William R., assignor of one-half to B. E. Collier, Grand Rapids, Mich. Building construction. 2,041,546; May 19.
- Hodgkin, Edward E. (See Jones, F. N., and Hodgkin.)
- Hodgkins, Albert A., Leonia, N. J., assignor to Universal Gear Shift Corporation, New Haven, Conn. Control for fluid operated devices. 2,056,006; Sept. 29.
- Hodgkins, Albert A., Leonia, N. J., assignor to Surfacing Wheel Corporation, New York, N. Y. Abrasive tool. 2,058,229; Oct. 20.
- Hodgkinson, Francis, Philadelphia, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Forced flow steam generator. 2,056,519; Oct. 6.
- Hodgman, Frederick S., Glen Rock, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Hand electric steering device for ships. 2,045,775; June 30.
- Hodgman, Willis K., Jr., Taunton, Mass. Thermostatically controlled switch. 2,051,853; Aug. 25.
- Hodgson, Charles R., Atlanta, Ga., and H. H. Knowles, Birmingham, and G. N. Lemmon, Homewood, Ala. Electrical control equipment. 2,030,589; Feb. 11.
- Hodgson, Harold, Goshen, Ind. Solar heater. 2,064,345; Dec. 15.
- Hodgson, Herbert H., Huddersfield, England, assignor to Imperial Chemical Industries Limited. Manufacture of nitronaphthylamines. 2,061,627; Nov. 24.
- Hodgson, Howard E., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electromagnetic clutch. 2,036,477; Apr. 7.
- Hodgson, William W., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Key support. 2,047,686; July 14.
- Hodgson, William W., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 2,052,629; Sept. 1.
- Hodgson, William W., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 2,063,550; Dec. 8.
- Hodson, James P. L., West View, Misterton, England. Hand tool for turning screw-stoppers or caps. 2,057,949; Oct. 20.
- Hodson, Walter D., Chicago, Ill. Wire rope lubrication. 2,028,155; Jan. 21.
- Hodson, Walter D., Chicago, Ill. Wire rope. 2,028,156; Jan. 21.
- Hodson, Walter D., Chicago, Ill. Wire rope. 2,028,157; Jan. 21.
- Hodson, Walter D., Beverly Hills, Ill. Incorporating extremely viscous lubricants in rope material. 2,028,158; Jan. 21.
- Hodson, Walter D., Chicago, Ill. Lubrication and lubricant therefor. 2,031,368; Feb. 18.
- Hodson, Walter D., Beverly Hills, Ill. Forming lubricated wire rope cores. 2,062,059; Nov. 24.
- Hodson, Walter D., Beverly Hills, Ill. Cordage lubrication. 2,062,060; Nov. 24.
- Hodson, Walter D., Beverly Hills, Ill. Incorporating lubricant. 2,062,061; Nov. 24.
- Hodson, Walter D., Beverly Hills, Ill. Cordage lubrication. 2,062,062; Nov. 24.
- Hodtun, Joseph B., Bellevue, Pa., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Bushing assembly. 2,030,370; Feb. 11.
- Hoe, R., & Co. (See Ball, Harry V.)
- Hoe, R., & Co. (See Harold, John J., assignor.)
- Hoe, R., & Co. (See Higgins, Gilbert H., assignor.)
- Hoe, R., & Co. (See Higgins, G. H., and Huck, assignors.)
- Hoe, R., & Co. (See Horton, A. J., and Smith, assignors.)
- Hoe, R., & Co. (See Horton, Albert J., assignor.)
- Hoe, R., & Co. (See Huck, William F., assignor.)
- Hoe, R., & Co. (See Huck, W. F., and Hunting, assignors.)
- Hoe, R., & Co. (See Kohl, Leo, assignor.)
- Hoe, R., & Co. (See Lamatsch, Frederick.)
- Hoe, R., & Co. (See Lengel, A. L., and Andersen, assignors.)
- Hoe, R., & Co. (See Little, Harry, assignor.)
- Hoe, R., & Co. (See Melnick, Myer, assignor to Irving Trust Company, trustee.)
- Hoe, R., & Co. (See Mills, T. J., Quick, and Ball, assignors.)
- Hoe, R., & Co. (See Quick, C. G., Ball, and Whitehead, assignors.)
- Hoe, R., & Co. (See Quick, C. G., and Bennett, assignors.)
- Hoe, R., & Co. (See Tomlin, John R., assignor.)
- Hoe, R., & Co. (See Zuckerman, A. M., and Clauberg, assignors.)
- Hoe, R., & Co. (See Zuckerman, Adolph M., assignor.)
- Hoe, Robert, Hyde Park, N. Y. Power unit. 2,028,282; Jan. 21.
- Hoek, Frederick T., assignor of one-half to P. S. Harris, Kansas City, Mo. Flashlight. 2,034,188; Mar. 17.
- Hoefler, Clarence W. (See Tov, Wesley H., assignor.)
- Hoeflinger, Austin D., Lakewood, Ohio. Portable light. 2,034,100; Mar. 17.
- Hoefler, David D., San Leandro, Calif. Signal for automobiles and the like. 2,033,378; Mar. 10.
- Hoegger, Joseph A., Sr., North Bergen, N. J. Bath curtain guard. 2,049,061; July 28.



- Hoehn, Otto E., New Orleans, La. Garment hanger. 2,037,325; Apr. 14.
- Hoelle, William, Chicago, Ill. Refrigerating machine indicator. 2,054,542; Sept. 15.
- Hoelscher, Edward C., Chicago, Ill. Valve handle extension. 2,054,978; Sept. 22.
- Hoelzer, William F., Greensburg, Pa., assignor to Pennsylvania Rubber Company. Resilient tire. 2,034,811; Mar. 24.
- Hoeme, Fred W. (See Noell, I. H., and Hoeme.)
- Hoepfner, Karl, Finkenwalde, Germany. Spading wheel tractor. 2,039,166; Apr. 28.
- Hoerbiger, Alfred, Mauer, near Vienna, and E. Sebramm, Vienna, Austria. Automatic load-regulator for piston-compressors. 2,035,963; Mar. 31.
- Hoerer, Martin. (See Bley, Fred, assignor.)
- Hoerth, A. J., and Company. (See Hoerth, Albert J., assignor.)
- Hoerth, Albert J., assignor to A. J. Hoerth and Company, Chicago, Ill. Clamp or hook for printing plates. 2,043,660; June 9.
- Hoesel, Anthony F. (See Kritzer, R. W., and Hoesel.)
- Hoesel, Anthony F., Chicago, Ill. Refrigerating system. 2,056,401; Oct. 6.
- Hoesel, Anthony F., assignor to Peerless Ice Machine Company, Chicago, Ill. Refrigerating system. 2,052,769; Sept. 1.
- Hoesel, Anthony F., assignor to Peerless Ice Machine Company, Chicago, Ill. Refrigerating system. 2,060,316; Nov. 10.
- Hoesel, Anthony F., assignor to Peerless Ice Machine Company, Chicago, Ill. Refrigerant distributor. 2,063,380; Dec. 8.
- Hoesel, Anthony F., assignor to Peerless Ice Machine Company, Chicago, Ill. Method and machine for making finned tube heat exchangers. 2,065,586; Dec. 29.
- Hoeveler, John A., assignor to Pittsburgh Reflector Company, Pittsburgh, Pa. Illuminating device. 2,059,868; Nov. 3.
- Hoey, Leo M., San Antonio, Tex. Ear plug. 2,053,995; Sept. 8.
- Hofer, Alfred H., Dayton, Ohio, assignor to Bendix Aviation Corporation, South Bend, Ind. Pedal construction. 2,048,448; July 21.
- Hofer, Henri, Geneva, Switzerland, assignor to firm Fabrique D'Ebauches Venus S. A. Moutier, Switzerland. Stop watch. 2,028,452; Jan. 21.
- Hofer, Laurence F., Portland, Oreg. Rear view mirror. 2,052,770; Sept. 1.
- Hofer, Rudolf, and W. Kummerer, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. Modulating means. 2,027,044; Jan. 7.
- Hoferer, Daniel W., Long Beach, Calif. Crankpin construction. 2,054,321; Sept. 15.
- Hoferer, Daniel W., Long Beach, Calif. Pump anchor. 2,054,322; Sept. 15.
- Hoff, Ada. (See Hoff, Charles E., and A.)
- Hoff, Charles E. and A., Wichita, Kans. Guard for motor driven fans. 2,036,478; Apr. 7.
- Hoff, Chester A., assignor to The Akron Lamp Company, Akron, Ohio. Self-heating sadiron. 2,065,492; Dec. 22.
- Hoff, Edward D., Mair, Saskatchewan, Canada. Split spring link. 2,033,286; Mar. 10.
- Hoff, George K., Jr., Philadelphia, assignor, by mesne assignments, to F. R. Dalley, Haverford, Pa. Container. 2,046,628; July 7.
- Hoff, Gust C. (See La Hodny, W., and Hoff.)
- Hoff, Joseph B., Philadelphia, Pa. Valve. 2,027,978; Jan. 14.
- Hoff, Ronald C. (See Gibbons, H. R., and Hoff.)
- Hoffa, Erwin, and F. Müller, Frankfurt-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Substituted amino-trifluoromethyl-benzenes. 2,056,899; Oct. 6.
- Hoffer, Max, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Practically tasteless quinine compound and process for the manufacture of same. 2,039,415; May 5.
- Hofferberth, George F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,036,753; Apr. 7.
- Hoffman, Alfred, Kew Gardens, assignor to H. D. Bultman, Richmond Hill, N. Y., and H. C. Hoffman, Paterson, N. J. Bottle and making same. 2,047,903; July 14.
- Hoffman, Allan C., Englewood, N. J., assignor to Hoffman Brakes, Inc., New York, N. Y. Brake lining device. 2,027,822; Jan. 14.
- Hoffman, Allan C., Englewood, N. J., assignor to Hoffman Brakes, Inc., New York, N. Y. Brake lining device. 2,027,823; Jan. 14.
- Hoffman Brakes, Inc. (See Hoffman, Allan C., assignor.)
- Hoffman, Charles, Crestwood, assignor to Ward Baking Company, New York, N. Y. Manufacture of cereal products. 2,041,129; May 19.
- Hoffman Combustion Engineering Company. (See Hoffman, Jerome A., assignor.)
- Hoffman, Edmund, Brooklyn, assignor to American Can Company, New York, N. Y. Spool and protector therefor. 2,029,320; Feb. 4.
- Hoffman, Edmund, Brooklyn, assignor to American Can Company, New York, N. Y. Spool and protector therefor. 2,044,791; June 23.
- Hoffman, Edward L., Dayton, Ohio. Parachute construction. 2,028,777; Jan. 28.
- Hoffman, Edward L., Dayton, Ohio. Parachute rip cord assembly. 2,042,466; June 2.
- Hoffman, Edward L., U. S. Army, Dayton, Ohio. Aircraft engine mount. 2,047,963; July 21.
- Hoffman, Edward L., Dayton, Ohio. Multiple parachute arrangement. 2,048,159; July 21.
- Hoffman, Edward L., Dayton, Ohio. Cabin chute. 2,050,324; Aug. 11.
- Hoffman, Edward L., Dayton, Ohio. Parachute apparatus. 2,051,044; Aug. 18.
- Hoffman, Frank W., Philadelphia, Pa. Brush and dust guard. 2,038,109; Apr. 21.
- Hoffman, Fred D., Cleveland, assignor to Scientific Combustion Laboratories, Inc., Painesville, Ohio. Apparatus for burning fuel. 2,034,812; Mar. 24.
- Hoffman Gas & Electric Heater Company. (See Jones, Truman H., assignor.)
- Hoffman, Grover C., New York, N. Y. Garment holder. 2,043,620; June 9.
- Hoffman, Harry A., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Plastic molding compositions. 2,054,053; Sept. 8.
- Hoffman, Harry W., Buffalo, N. Y. Deodorizer. 2,034,619; Mar. 17.
- Hoffman, Harry W., Buffalo, N. Y. Deodorant and disinfectant holder. 2,059,524; Nov. 3.
- Hoffman, Helen C., et al. (See Hoffman, Alfred, assignor.)
- Hoffman, Helmut. (See Herzog, R. O., and Hoffmann.)
- Hoffman, Herbert, Jackson Heights, N. Y. Illuminating apparatus. 2,028,453; Jan. 21.
- Hoffman, Jerome A., assignor to Hoffman Combustion Engineering Company, Detroit, Mich. Mechanical stoker. 2,027,591; Jan. 14.
- Hoffman, Jerome A., assignor to Hoffman Combustion Engineering Company, Detroit, Mich. Fuel distributing means for stokers. 2,045,357; June 23.
- Hoffman, John. (See Van Uum, J. H., Ronyak, and Hoffman.)
- Hoffman, Laurence N., assignor to The Shelby Metal Products Company, Shelby, Ohio. Door check. 2,039,079; Apr. 28.
- Hoffman, Louis F., assignor of one-half to Modern Tool & Die Co., Cleveland, Ohio. Window channel. 2,058,793; Oct. 27.
- Hoffman, Michael, San Francisco, and B. Jackson, San Bruno, Calif. Subchase for typographic numbering machines. 2,040,175; May 12.
- Hoffman, Morris J., Chicago, Ill. Ticket printing machine. 2,033,936; Mar. 17.
- Hoffman, Nathan. (See Dibley, Raymond H., assignor.)
- Hoffman, Paul, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City N. J. Sealing device. 2,049,774; Aug. 4.
- Hoffman, Paul, La Grange, and W. Perdue, Chicago, Ill., assignors to Ramapo Ajax Corporation, New York, N. Y. Switch stand. 2,054,543; Sept. 15.
- Hoffman, Raymond R., St. Mary's, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Method and apparatus for manufacturing thoriated filament devices. 2,057,098; Oct. 13.
- Hoffman, Rose, Hartford, Conn. Garment hanger. 2,042,846; June 2.
- Hoffman, Rudolph, Rocky River, Ohio, assignor to American Stove Company, St. Louis, Mo. Burner and drum for blue flame oil stoves. 2,060,317; Nov. 10.
- Hoffman, Samuel G. (See Eisner, J., and Hoffman.)
- Hoffman, Samuel K., assignor to Lycoming Manufacturing Company, Williamsport, Pa. Attachable washer. 2,058,452; Oct. 27.
- Hoffman, Samuel K., and C. H. Wiegman, assignors to Lycoming Manufacturing Company, Williamsport, Pa. Driving mechanism for propellers. 2,027,592; Jan. 14.
- Hoffman-Soons Electrical & Engineering Corporation. (See Soons, James E., assignor.)
- Hoffman Specialty Company. (See Simpson, William K., assignor.)
- Hoffman, Wade F. (See Rendleman, H. C., and Hoffman.)
- Hoffman, Walter F., assignor to The Northwest Paper Company, Cloquet, Minn. Treating coffee beans. 2,045,854; June 30.
- Hoffmann, Curt, Neuruppin, assignor to the firm Minimax A.-G., Berlin, Germany. Device for fog-forming apparatus of long duration with increased starting effect. 2,038,841; Apr. 28.
- Hoffmann, Gilbert F. (See Noyes, W. A., and Hoffmann.)
- Hoffmann, Gilbert F., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company. Polyhydric alcohol-polybasic acid-monobasic aliphatic acid anhydride condensation product and making the same. 2,028,908; Jan. 28.
- Hoffmann-La Roche, Inc. (See Bird, John C., assignors.)
- Hoffmann-La Roche Inc. (See Elger, Franz, assignor.)
- Hoffmann-La Roche Inc. (See Hoffer, Max, assignor.)
- Hoffmann-La Roche Inc. (See Reichstein, Tadeus, assignor.)
- Hoffmann-La Roche Inc. (See Schneider, Otto, assignor.)
- Hofft, Maurice A., Indianapolis, Ind. Grate and grate bar. 2,033,576; Mar. 10.
- Hofheimer, Lester. (See White, Henry, assignor.)
- Höfinghoff, Walter. (See Ostermann, W., Kumichel, and Höfinghoff.)
- Höfler, Gregor, and W. Seikel, Altenmittlau, Germany. Potato planter. 2,042,896; June 2.
- Hoflich, William, Albany, Oreg. Trailer coupling. 2,061,234; Nov. 17.
- Hoflin, Richard F. (See Gustin, L. C., and Hoflin.)



- Höflinger, Bruno, Berlin, Germany. Device for collecting the blood at a certain part of the human body. 2,044,691; June 16.
- Hofmann, Alfred, & Company. (See Hofmann, A., and Trutner, assignors.)
- Hofmann, Alfred, Needle Works, Inc. (See Hofmann, Alfred, assignor.)
- Hofmann, Alfred, Palisade, assignor to Alfred Hofmann Needle Works, Inc., Union City, N. J. Roller attachment. 2,029,372; Feb. 4.
- Hofmann, Alfred, Palisade, N. J., assignor to Alfred Hofmann Needle Works, Inc., Union City, N. J. Milling attachment. 2,035,810; Mar. 31.
- Hofmann, Alfred, Palisade, assignor to A. Hofmann Needle Works, Inc., Union City, N. J. Method and machine for making knitting needles. 2,041,547; May 19.
- Hofmann, Alfred, Palisade, assignor to Alfred Hofmann Needle Works, Inc., Union City, N. J. Grinding or polishing attachment. 2,052,137; Aug. 25.
- Hofmann, Alfred, Palisade, assignor to Alfred Hofmann Needle Works, Inc., Union City, N. J. Chuck assembly. 2,055,198; Sept. 22.
- Hofmann, Alfred, Palisade, assignor to Alfred Hofmann Needle Works, Inc., Union City, N. J. Combination polishing and collecting mechanism. 2,055,199; Sept. 22.
- Hofmann, Alfred, Palisade, and D. G. Trutner, North Arlington, assignors to Alfred Hofmann & Company, West New York, N. J. Manufacture of lamp stems. 2,054,627; Sept. 15.
- Hofmann, Conrad. (See Friesel, A. J., and Hofmann.)
- Hofmann, Frederick A., Palisades Park, N. J., assignor of one-half to R. Beck, New York, N. Y. Box and shipping container. 2,052,977; Sept. 1.
- Hofmann, Hugo, Johnson City, Tenn., assignor to American Bemberg Corporation, New York, N. Y. Conditioning artificial thread. 2,027,911; Jan. 14.
- Hofmann, Hugo, Johnson City, Tenn., assignor to American Bemberg Corporation, New York, N. Y. Artificial thread and conditioning same. 2,036,174; Mar. 31.
- Hofmann, Hugo, Johnson City, Tenn., assignor to American Bemberg Corporation, New York, N. Y. Regulation of precipitant in production of artificial thread. 2,045,598; June 30.
- Hofmann, Hugo, and K. Richter, Elizabethton, Tenn., assignors to American Bemberg Corporation, New York, N. Y. Use of two reels in obtaining high elongation. 2,036,089; Mar. 31.
- Hofmann, Hugo and K. Richter, Elizabethton, Tenn., assignors to the American Bemberg Corporation, New York, N. Y. Acid guide. 2,062,714; Dec. 1.
- Hofmann, Josef. (See Bergk, K., and Hofmann.)
- Hofmann & Leavy, Inc. (See Lawson, H. L., and Stampfli, assignors.)
- Hofmann, Max. (See Fisher, J. B., and Hofmann.)
- Hofmann, Walter, Rudolstadt in Thuringia, Germany, assignor to General Electric Company. X-ray device. 2,064,662; Dec. 15.
- Hofmann, William, New York, N. Y. Separable fastener. 2,041,606; May 19.
- Hofmann, Willy, West New York, and O. F. Gerbert, Union City, N. J., assignors to Hopeck Manufacturing Company, Inc., New York, N. Y. Turfing machine. 2,062,027; Nov. 24.
- Hofstetter, Robert, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Coil winding machine. 2,030,988; Feb. 18.
- Hofstetter, Robert, Downers Grove, and J. W. Sager, Oak Park, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Coil winding machine. 2,030,989; Feb. 18.
- Hogaboom, George B., New Britain, Conn., assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Zinc plating anode. 2,064,307; Dec. 15.
- Hogan, George L., assignor, by mesne assignments, to The Robert Britigan Corporation, Chicago, Ill. Calculating device. 2,034,189; Mar. 17.
- Hogan, John V. L., Forest Hills, assignor to Radio Inventions, Inc., New York, N. Y. System for television and sound. 2,049,384; July 28.
- Hogan, Louise C., Spokane, Wash. Spool holder. 2,031,890; Feb. 25.
- Hogarth, John A., Tampa, assignor of one-half to J. A. Whitaker, Clearwater, Fla. Needle receptacle. 2,037,028; Apr. 14.
- Hoge, John R. (See Soubier, L. D., and Hoge.)
- Hoge, John R., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Glassware forming machine. 2,044,716; June 16.
- Hoge, John R., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Elevation post for supporting luminous tubes. 2,051,480; Aug. 18.
- Hoge, Robert H. (See Playford, H. E., Hoge, and Cone.)
- Hogenbirk, Nicholas, Chicago, Ill., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Time indicating mechanism. 2,041,342; May 19.
- Hogg, Edwin S. (See Husted, H. F., and Hogg.)
- Hogg, Francis, Wesleyville, Pa., assignor to The Standard Stoker Company, Incorporated. Locomotive tender. 2,058,794; Oct. 27.
- Hogg, Francis, Wesleyville, Pa., assignor to The Standard Stoker Company, Incorporated. Conveyer. 2,058,795; Oct. 27.
- Hogg, James A., Lowell, assignor to C. G. Sargent's Sons Corporation, Graniteville, Mass. Endless conveyer for driers. 2,037,904; Apr. 21.
- Hogg, William C., Pittsburgh, T. C. King, Munhall, Pa., and L. Rumford, 2d, Wilmington, Del., assignors to United States Steel Corporation, New York, N. Y. Water-cooled housing for pyrometer devices. 2,056,672; Oct. 6.
- Hogle, Leo C., Chicago, Ill. Electric stethoscope. 2,058,796; Oct. 27.
- Hoglund, David. (See Madsen, Oscar T. S., assignor.)
- Hogue, Henry J., assignor of one-third to C. L. Wasmer, and one-third to J. C. Wasmer, Lakewood, Ohio. Apparatus for making nuts. 2,046,075; June 30.
- Hohlfelder Company, The. (See Brunst, Rudolph O., assignor.)
- Hohmann, Frederick R., Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass inspection apparatus. 2,042,526; June 2.
- Hohmann, Richard K. (See Plumley, R. L., and Hohmann.)
- Hohner, Andrew, Ottawa, Ill. Building construction. 2,066,268; Dec. 29.
- Hohwiesner, Henry G., Sacramento, Calif. Float for water gauges. 2,036,699; Apr. 7.
- Hoisington, Cyrus H., and R. Beacom, assignors to National Acme Company, Cleveland, Ohio. Eccentric cutting attachment for metal working spindle machines. 2,039,646; May 5.
- Hoitsma, Peter, Paterson, N. J. Scaffold machine. 2,038,899; Apr. 28.
- Hojnowski, Jakob, Nekoosa, Wis. Railroad spike. 2,035,885; Mar. 31.
- Hokanson, Martin, assignor to Eidco, Inc., Duluth, Minn. Refrigerator. 2,061,155; Nov. 17.
- Hoke, Harry A., Altoona, Pa. Spring clip. 2,059,352; Nov. 5.
- Hoke, William E., Baltimore, Md. Antifriction bearing. 2,040,741; May 12.
- Hoke, William E., Baltimore, Md. Roller bearing. 2,065,311; Dec. 22.
- Hokanson, Albert, Coghlan, British Columbia, Canada. Log barker. 2,055,108; Sept. 22.
- Holbeck, Austin A., Long Lake, Mich. Feeding apparatus. 2,031,369; Feb. 18.
- Holbrook, David M., Portland, Oreg. Adjustable magnet support for electric switches and relays. 2,051,298; Aug. 18.
- Holbrook, Harry R. (See Gustafson, C. E., and Holbrook.)
- Holbrook Service Company. (See Schmidt, W. A., and Nadeau, assignors.)
- Holbrook, William C., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,054,323; Sept. 15.
- Holbrook, Willie L., and W. R. Parker, Houston, Tex. Producing surfacing material. 2,056,520; Oct. 6.
- Holbrook, Willie L., and W. R. Parker, Houston, Tex. Producing paving material. 2,063,893; Dec. 15.
- Holby, Frank A., Mamaronock, assignor, by mesne assignments, to The William F. Kenny Company, New York, N. Y. Tank truck. 2,037,020; Apr. 14.
- Holby, Frank A., assignor, by mesne assignments, to The William F. Kenny Co., New York, N. Y. Tank truck. 2,037,021; Apr. 14.
- Holby, Frank A., assignor, by mesne assignments, to The William F. Kenny Company, New York, N. Y. Tank truck. 2,037,022; Apr. 14.
- Holby, Frank A., assignor, by mesne assignments, to The William F. Kenny Company, New York, N. Y. Siphon breaker. 2,037,023; Apr. 14.
- Holby, Frank A., assignor, by mesne assignments, to The William F. Kenny Company, New York, N. Y. Tank truck. 2,037,024; Apr. 14.
- Holcomb, George W., East Rochester, N. Y. Tool for grinding conical bearings. 2,054,159; Sept. 15.
- Holcomb, Harry E. (See Brown, G. B., and Holcomb.)
- Holcomb, Harry E., Stratford, Conn., assignor to Johns-Manville Corporation, New York, N. Y. Adhesive composition and making the same. 2,030,633; Feb. 11.
- Holcomb, Harry E., Stratford, Conn., assignor to Johns-Manville Corporation, New York, N. Y. Making preformed sound absorbing units. 2,050,055; Aug. 4.
- Holcomb, J. I., Mfg. Co. (See Anderson, Jesse I., assignor.)
- Holcombe, Amasa M., Washington, D. C., assignor to Lynch Corporation. Process of and apparatus for supplying molten glass to forming machines. 2,047,913; July 14.
- Holden, Artemas F., New Haven, Conn. Composition for case hardening. 2,046,822; July 7.
- Holden, Arthur P. (See Richardson, C. L., and Holden.)
- Holden, Charles A. (See Hadden, G., and Holden.)
- Holden, Dean H. (See Tashjian, A. H., and Holden, assignors.)
- Holden, Edwin C., assignor, by mesne assignments, to The Davison Chemical Corporation, Baltimore, Md. Dehydration and purification of CO<sub>2</sub> gas. 2,037,685; Apr. 14.
- Holden, Fox D., Poughkeepsie, N. Y. Interchangeable and renewable scenery. 2,052,178; Aug. 25.
- Holden, Harold C. (See Sontagh, J. R., and Holden.)
- Holden, Harold C., Philadelphia, Pa., assignor to Radio Corporation of America. Portable talking motion picture apparatus. 2,031,832; Feb. 25.



- Holden, Harold C., Woodbury, N. J., assignor to Radio Corporation of America, New York, N. Y. Motion picture apparatus. 2,048,382; July 21.
- Holden, Harold C., Woodbury, N. J., assignor to Radio Corporation of America. Intermittent mechanism for motion picture apparatus. 2,051,602; Aug. 18.
- Holden Knitting Co. (See Holden, R. M., and Roberts, assignors.)
- Holden, Richard R., Highland Park, Ill. Trolley guide. 2,037,905; Apr. 21.
- Holden, Richard R., Highland Park, and A. W. Nelson, Chicago, Ill., said Nelson assignor to said Holden. Trolley switch. 2,053,558; Sept. 8.
- Holden, Roger M., and J. F. Roberts, assignors to Holden Knitting Co., Worcester, Mass. Knitted lining for rubber footwear. 2,028,746; Jan. 28.
- Holden, Spencer S. (See Bulpit, H. C., and Holden.)
- Holden, Timothy N., Brooklyn, N. Y., assignor to J. W. Decker. Projection screen. 2,032,363; Mar. 3.
- Holden, William H., Boise, Idaho. Shears and scissors. 2,028,867; Jan. 28.
- Holdsworth, Clifford, Springvale, assignor to Goodall Worsted Company, Sanford, Maine. Carding and sliver forming mechanism for mixed fibers. 2,045,911; June 30.
- Holdsworth, Richard A., assignor to The Barrett Company, New York, N. Y. Process and apparatus for manufacturing design roofing. 2,056,273; Oct. 6.
- Holdsworth, Richard A., assignor to The Barrett Company, New York, N. Y. Process and apparatus for making design roofing. 2,056,274; Oct. 6.
- Holdsworth, Richard A., assignor to The Barrett Company, New York, N. Y. Manufacturing design roofing and apparatus therefor. 2,056,275; Oct. 6.
- Holdsworth, Richard A., Bayside, N. Y., assignor to The Barrett Company, New York, N. Y. Composition shingle. 2,064,473; Dec. 15.
- Holecek, Edward, Algona, Iowa. Antenna for automobiles. 2,059,869; Nov. 3.
- Holgate, Benjamin, assignor to Boott Mills, Lowell, Mass. Duplex curtain. 2,037,629; Apr. 14.
- Holgate, Clarence G., Milwaukee, Wis. Tape carrier. 2,028,836; Jan. 28.
- Holladay, Edward W., and F. K. Blauvelt, assignors to The Bridgeport Machine Company, Wichita, Kans. Hardfaced underreamer cutter and forming the same. 2,044,353; June 16.
- Holl, Charles, Paris, France. Case for rouge sticks. 2,049,378; July 28.
- Hollabaugh, Cleveland B., assignor to Hercules Powder Company, Wilmington, Del. Compositions and method of producing. 2,044,571; June 16.
- Hollabaugh, Cleveland B., assignor to Hercules Powder Company, Wilmington, Del. Compositions and method of producing. 2,044,572; June 16.
- Holland, Arthur G., Bridgeport, Conn., assignor to Sidney Blumenthal & Co. Inc., New York, N. Y. Producing pile fabric. 2,062,884; Dec. 1.
- Holland Brass Works, Inc. (See Liska, William F., assignor.)
- Holland, Frank G., and J. Green, Cleveland, Ohio, assignors of one-third to E. F. Buescher. Barrel washing apparatus. 2,059,351; Nov. 3.
- Holland Furnace Company. (See Spencer, Lyle E., assignor.)
- Holland, James J., Parkersburg, Pa. Water syringe. 2,029,483; Feb. 4.
- Holland, Louis E., Kansas City, Mo. Lawn sprinkler. 2,063,381; Dec. 8.
- Holland, Sidney S., assignor of one-half to O. Riegers, Sandusky, Ohio. Combination collapsible support and carriage cage for washing machines. 2,048,608; July 21.
- Holland, Sidney S., G. F. Traugher, and R. J. McVey, assignors of one-half to O. Rieger and one-half to said S. S. Holland, Kansas City, Mo. Wringer actuating mechanism. 2,048,741; July 28.
- Holland, Walter, Mount Vernon, assignor to American Bank Note Company, New York, N. Y. Numbering head. 2,046,783; July 7.
- Holland, Wylie M., Carrollton, Ga. Windmill for advertising and developing power. 2,034,813; Mar. 24.
- Hollander, Adrian J., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Timing device. 2,064,832; Dec. 22.
- Hollander, Aladar, assignor to Byron Jackson Co., Berkeley, Calif. Fluid machine. 2,058,017; Oct. 20.
- Hollander, Dolores S., New York, N. Y. Sleeping bag. 2,036,175; Mar. 31.
- Holland-Letz, John, Crown Point, Ind., assignor to The Letz Manufacturing Company. Separating device for roughage mills. 2,026,833; Jan. 7.
- Holland-Letz, John, Crown Point, Ind., assignor to The Letz Manufacturing Company. Feed grinder and blower. 2,041,181; May 19.
- Holland-Letz, John, Crown Point, Ind., assignor to The Letz Manufacturing Company. Roughage mill. 2,042,946; June 2.
- Holland-Letz, John, Crown Point, Ind., assignor to The Letz Manufacturing Company. Separator device for roughage mills. 2,051,489; Aug. 18.
- Hollar Company, The. (See Teubner, Edmund E., assignor.)
- Hollar, John V., East Orange, assignor to Vogue Mfg. Co., Newark, N. J. Brassière. 2,061,402; Nov. 17.
- Hollatz, Arthur C. (See Celander, P. A., and Hollatz.)
- Hollatz, Arthur C., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Flexible connection. 2,047,904; July 14.
- Holler, Helmuth P., Poplars, Md. Aircraft. 2,050,570; Aug. 11.
- Holler, Homer D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulating liquid. 2,036,274; Apr. 7.
- Hollerbach, Walter M., assignor to American Hoist and Derrick Company, St. Paul, Minn. Combination excavator, loader, and conveyor. 2,060,867; Nov. 17.
- Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Muffler. 2,054,324; Sept. 15.
- Hollerith, Herman, Jr., Moorestown, N. J. Pilot controlled valve. 2,055,576; Sept. 29.
- Hollerith, Herman, Jr., Riverton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Method of and apparatus for manipulating articles, such as talking machine or phonograph records. 2,041,713; May 26.
- Hollestelle, Jan H., Evanston, assignor to H. W. L'Hommédieu, Chicago, Ill. Variable-speed transmission. 2,058,981; Oct. 27.
- Holley, Peter, Paterson, N. J., and J. F. Madden, Rockville Center, N. Y. Traverse button. 2,052,226; Aug. 25.
- Holliday, Theodore B. (See Bruner, D. L., and Holliday.)
- Hollinger, Jacob E. (See Cary, J. B., Allgrunn, and Hollinger.)
- Hollingshed, R. M., Corporation. (See Bagley, Robert M., assignor.)
- Hollingsworth, William G., Sheboygan, Wis. Robe holding device. 2,058,982; Oct. 27.
- Hollingsworth, Duncalf W., assignor to Continental-Diamond Fibre Company, Newark, Del. Water-resistant indurated fiber and making the same. 2,059,947; Nov. 3.
- Hollinshead, William H., assignor to Water Level Controls Company, St. Paul, Minn. Circuit controlling system. 2,044,746; June 16.
- Hollis, Grady W., Lillie, La. Seed planter. 2,039,485; May 5.
- Hollister, Edward J., Canon City, Colo. Inking device for fingerprints. 2,046,950; July 7.
- Hollister, Robert C. (See Clark, C. H., and Hollister.)
- Hollister, William C., Chicago, Ill., assignor to Visible-Night-and-Day Street-Name Signs, Incorporated. Sign. 2,039,998; May 5.
- Hollman, Peter I. (See Hobson, S. H., and Hollman.)
- Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultra-short wave receiver. 2,030,872; Feb. 18.
- Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiver for ultra short waves. 2,033,937; Mar. 17.
- Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrol discharge device circuit. 2,044,003; June 16.
- Hollmann, Hans E., Berlin, Germany, assignor to Radio Patents Corporation, New York, N. Y. Braun tube. 2,046,513; July 7.
- Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Large power ultra short wave generator. 2,047,204; July 14.
- Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetically controlled electron discharge device. 2,054,126; Sept. 15.
- Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiving circuit. 2,059,581; Nov. 3.
- Hollmann, Hans E., Berlin-Charlottenburg, Germany, assignor to American Telephone and Telegraph Company. Electronic oscillator. 2,054,816; Sept. 22.
- Holloway, Arthur V., assignor to Thomas M. Royal Co., Philadelphia, Pa. Envelope structure. 2,030,634; Feb. 11.
- Holloway, Isaiah S. (See Moore, L., and Holloway.)
- Holloway, James M., New Orleans, La., assignor to American Can Company, New York, N. Y. Key assembling machine. 2,063,927; Dec. 15.
- Holloway, Jesse F., Aldan, Pa. Rocker side bearing. 2,049,393; July 28.
- Holloway, Mayo, Birmingham, Ala. Ironer for neck bands of attached shirt collars. 2,051,854; Aug. 25.
- Holls, Oswald O., Baltimore, Md. Micrometer gauge. 2,037,858; Apr. 21.
- Hollstein, Paul, Carlstadt, N. J., assignor to J. M. Lehmann Company, Inc., New York, N. Y. Side shield raising device for roller mill hoppers. 2,060,868; Nov. 17.
- Holly, Ludwig F., Madison, N. J. Separating apparatus. 2,026,834; Jan. 7.
- Holm, Einar, Passaic, N. J. Weighing apparatus. 2,056,900; Oct. 6.
- Holm, Melvin M. (See Shiffler, W. H., and Holm.)
- Holm, Waldemar, Furstenwalde-on-the-Spree, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken, "Meaf", Utrecht, Netherlands. Feed gear. 2,035,162; Mar. 24.
- Holm, Waldemar, Furstenwalde/Spree, assignor to Julius Pintsch Aktiengesellschaft, Berlin, Germany. Reversing mechanism for dry gas meters. 2,063,164; Dec. 8.



- Holman, Alex H., Pelham, Ga., assignor to J. B. Cullen, Washington, D. C. Method of and apparatus for collecting material exuding from trees. 2,043,173; June 2.
- Holman, Arthur J., East Orange, N. J. Optical system to form highly compressed bright line image of light source. 2,036,275; Apr. 7.
- Holman, Arthur T. (See Holman, John L., and A. T.)
- Holman Brothers Limited. (See Holman, John L. and A. T., assignors.)
- Holman Brothers Limited. (See Rule, James, assignor.)
- Holman, John L., Carbis Bay, and A. T. Holman, Callestick, Cornwall, assignors to Holman Brothers Limited, Camborne, Cornwall, England. Haulage apparatus for operating soil scrapers, plows, reaping machines, and the like. 2,030,590; Feb. 11.
- Holman, Leslie A., Waltham, Mass. Autographic register. 2,046,746; July 7.
- Holman, Sidney N., Mount Washington, Pa. Aircraft toy. 2,034,298; Mar. 17.
- Holmberg, Anders, assignor to H. G. Torulf, Stockholm, Sweden. Sintering and roasting ores and the like. 2,041,472; May 19.
- Holmberg, Karl W., assignor to Weldon Tool Company, Cleveland, Ohio. Tool holder and guide. 2,035,163; Mar. 24.
- Holmberg, Oscar F., Chicago, Ill. Brush holder. 2,044,985; June 23.
- Holme, Edward D., Jr. (See Holme, Edward D., assignor.)
- Holme, Edward D., assignor to E. D. Holme, Jr., St. Joseph, Mo. Combined chair and table. 2,042,399; May 26.
- Holmes, Albert W., Providence, R. I. Combustion control for heating systems. 2,052,710; Sept. 1.
- Holmes, Bradford B., assignor to R. V. Holmes, Stonington, Conn. Control head for indicators. 2,032,018; Feb. 25.
- Holmes, Edward H., assignor to Fort Pitt Malleable Iron Company, McKees Rocks, Pa. Paving block. 2,055,822; Sept. 29.
- Holmes, Edward H., assignor to Fort Pitt Malleable Iron Company, McKees Rocks, Pa. Car door latch. 2,058,018; Oct. 20.
- Holmes, Elbridge R. (See Cederlund, A., and Holmes.)
- Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Driving mechanism for looms. 2,055,233; Sept. 22.
- Holmes, Elbridge R., and A. Palmer, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Dobby lever. 2,054,585; Sept. 15.
- Holmes, Eric L., Teddington, England. Manufacture of a solvent from glycerol. 2,036,940; Apr. 7.
- Holmes, Fletcher B., Wilmington, Del., and A. J. Wuertz, and W. H. Lycan, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Violanthrone derivatives. 2,051,045; Aug. 18.
- Holmes, Frank E., Pasadena, Calif. Fluid control device. 2,049,775; Aug. 4.
- Holmes, Frederick. (See Green, S. S., and Holmes.)
- Holmes, Frederick, assignor to Duncan Electric Mfg. Co., LaFayette, Ind. Electric meter. 2,046,307; June 30.
- Holmes, Frederick J., assignor to Nu-Way Engineering Corporation, Detroit, Mich. Internal combustion engine. 2,045,599; June 30.
- Holmes, Frederick J., assignor to Nu-Way Engineering Corporation, Detroit, Mich. Cylinder head and valve mechanism for internal combustion engines. 2,057,147; Oct. 13.
- Holmes, Harry N., Oberlin, Ohio, assignor to Parke, Davis & Company, Detroit, Mich. Stabilized organic composition. 2,051,257; Aug. 18.
- Holmes, Henry H., assignor to Wildt and Company, Limited, Leicester, England. Knitting machine. 2,043,852; June 9.
- Holmes, Henry H., assignor to Wildt and Company Limited, Leicester, England. Knitting machine. 2,053,477; Sept. 8.
- Holmes, Henry H., and R. H. Robinson, assignors to Wildt and Company Limited, Leicester, England. Knitting machine. 2,034,869; Mar. 24.
- Holmes, John Q. (See Emmert, R. J., Goad, Baker, Shippy, Holmes, Phelps, and Birch.)
- Holmes, John Q. (See Keller, C. J., and Holmes.)
- Holmes, John Q., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Trimming apparatus. 2,032,127; Feb. 25.
- Holmes, John R., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Oil cooler. 2,034,235; Mar. 17.
- Holmes, John R., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Combined metal plate oil filter and oil cooler. 2,063,742; Dec. 8.
- Holmes, Leslie W., Stratford, Conn., assignor to Oronoque Oil Burner Corporation, New York, N. Y. Oil burner. 2,027,101; Jan. 7.
- Holmes, Leslie W., Stratford, Conn., assignor to Oronoque Oil Burner Corporation, New York, N. Y. Oil burner. 2,042,785; June 2.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,030,064; Feb. 11.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,030,065; Feb. 11.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,039,416; May 5.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,039,417; May 5.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,041,714; May 26.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 2,049,445; Aug. 4.
- Holmes, Morris P., assignor to Sullivan Machinery Company, Claremont, N. H. Mining machine. 2,053,288; Sept. 8.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Material dislodging device. 2,061,574; Nov. 24.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 2,062,658; Dec. 1.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 2,062,660; Dec. 1.
- Holmes, Percy. (See Williamson, G. A., Holmes, and Blackwood.)
- Holmes, Ralph S., Haddonfield, N. J., assignor to Radio Corporation of America. Sound and television receiver. 2,056,607; Oct. 6.
- Holmes, Ralph S., Haddon Heights, N. J., assignor to General Electric Company. Protective means for radio receiving apparatus. 2,059,870; Nov. 3.
- Holmes, Ruth V. (See Holmes, Bradford B., assignor.)
- Holmes, Sydney V., assignor of one-half to E. J. Radlein, St. Paul, Minn. Automatic tire pressure operated switch. 2,040,554; May 12.
- Holmes, T. J., Company Inc. (See Lohse, Frederick W., assignor.)
- Holmes, Walter C., Indianapolis, Ind. Process of and apparatus for continuous blending, for a predetermined quality, of liquids having different specific gravities. 2,039,534; May 5.
- Holmgren, Eric A., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,034,037; Mar. 17.
- Holmgren, Eric A., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Work support. 2,034,038; Mar. 17.
- Holmgren, Eric A., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting mechanism. 2,034,039; Mar. 17.
- Holmgren, Frank A., Minneapolis, Minn. Button fastening device. 2,053,559; Sept. 8.
- Holmquist, Albert, Holmquist, S. Dak. Seed mixer and agitator. 2,030,591; Feb. 11.
- Holmquist, Carl W., Glassport, Pa. Machine for producing hexagonal mesh wire. 2,060,418; Nov. 10.
- Holmquist-Swanson Company. (See Swanson, Axel W., assignor.)
- Holmright Holding Corporation. (See Emerich, John H., assignor.)
- Holny, Michael. (See Lanzi, E. G., and Holny.)
- Holophane Company. (See Dorey, W. A., and Dixon, assignors.)
- Holophane Company. (See Dorey, W. A., and Rolph, assignors.)
- Holpfer, Marcus, Pittsburgh, Pa., assignor, by mesne assignments, to The American Hardware Corporation, New Britain, Conn. Lock construction. 2,027,731; Jan. 14.
- Holran, John R., Chicago, and E. T. Lednum, Evanston, Ill., assignors to E. I. du Pont de Nemours & Co., Wilmington, Del. Explosive container. 2,037,906; Apr. 21.
- Holske, Clifford F., Williston Park, N. Y. Refrigeration. 2,029,870; Feb. 4.
- Holslag, Claude J., South Orange, N. J., assignor, by mesne assignments, to president and directors of The Manhattan Company, New York, N. Y. Changing the grain structure of metals. 2,041,343; May 19.
- Holslag, Claude J., South Orange, assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Machining by electric current. 2,059,236; Nov. 3.
- Holsman, Isidore, Chicago, Ill. Motor driven illuminated endless band sign apparatus. 2,064,115; Dec. 15.
- Holst, Giles. (See Mulder, J. G. W., and Holst.)
- Holst, Gilles. (See Van Gessel, K. M., Holst, and Jonker.)
- Holst, Gilles, and B. D. H. Tellegen, Eindhoven, Netherlands. Discharge tube for amplifying electric oscillations. 2,058,878; Oct. 27.
- Holst, Gilles, E. Oosterhuis, and J. G. W. Mulder, assignors to N. V. Philips' Gloeilampenfabriken, Eindhoven, Netherlands. Thermionic cathode gas-filled discharge tube. 2,058,690; Oct. 27.
- Holst, Lodewyk J. R., Brookline, Pa., assignor to The S. M. M. H. Corporation, Dover, Del. Method of and apparatus for taking motion pictures. 2,055,492; Sept. 29.
- Holst, Lodewyk J. R., Brookline, Pa., and W. Mayer, Larchmont, and H. R. Menefee, Bronxville, N. Y., assignors to The S. M. M. H. Corporation, Dover, Del. Continuously moving film camera. 2,056,966; Oct. 13.
- Holst, Poul F. G., Riverton, N. J., assignor to Radio Corporation of America. Volume control system for radio receiving apparatus and the like. 2,037,785; Apr. 21.
- Holstein, Leon S., Great Neck, assignor to The New Jersey Zinc Company, New York, N. Y. High strength lithopone. 2,058,879; Oct. 27.



- Holsten, Hermann. (See Guenther, F., and Holsten.)
- Holsten, Hermann, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of organic amino compounds. 2,064,797; Dec. 15.
- Holsten, Walter, and H. Tonn, Lake Mills, Wis. Trailer apparatus. 2,058,691; Oct. 27.
- Holt, Chester A., Los Angeles, Calif. Cooler. 2,058,153; Oct. 20.
- Holt, Donald A., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitriding. 2,042,527; June 2.
- Holt, Donald A., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del. Carburization of ferrous metals. 2,049,806; Aug. 4.
- Holt, Earl E. (See Christian, R. A., Ganger, and Holt.)
- Holt, Grover J., St. Paul, and W. Longevin, Crosby, Minn. Ballasting machine. 2,052,468; Aug. 25.
- Holt, Grover J., Ramsey, and W. Longevin, Crosby, assignors, by mesne assignments, to The Reclamation Company, St. Paul, Minn. Track handling machine. 2,050,179; Aug. 4.
- Holt, Harold S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Propionic acid esters and their production. 2,031,603; Feb. 25.
- Holt, Harold S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticized composition. 2,032,091; Feb. 25.
- Holt, Harold S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Monocarboxylic acid esters and their production. 2,040,849; May 19.
- Holt, Harold S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative compositions. 2,049,565; Aug. 4.
- Holt, Harold S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating compositions. 2,059,948; Nov. 3.
- Holt, Harris B., Dormont, Pa. Furnace grate. 2,048,383; July 21.
- Holt, James L., Newfoundland, N. J. Roofing. 2,028,607; Jan. 21.
- Holt, Julia F., West Palm Beach, Fla. Attachment for operating tables. 2,051,712; Aug. 18.
- Holt, Laurence B. (See Marshall, E. W., and Holt.)
- Holt, Laurence B., Laconia, N. H., assignor to Scott & Williams, Incorporated, New York, N. Y. Making knitted fabrics. 2,045,776; June 30.
- Holt, Lee C., Edgemoor, and M. A. Youker, Wilmington, Del., and R. F. Laird, Salem, N. J., assignors to Kinetic Chemicals, Inc., Wilmington, Del. Fluorination process and apparatus. 2,058,453; Oct. 27.
- Holt, Norris B., St. Louis, Mo. Refrigerated receptacle. 2,038,218; Apr. 21.
- Holt, Richard, Henley Beach, South Australia, Australia. Instantaneous electrical water heater. 2,032,210; Feb. 25.
- Holt, Samuel, Somercotes, England. Straight bar knitting machine. 2,028,837; Jan. 28.
- Holt, Thomas T., Cleveland Heights, Ohio. Filler, marking, and coating composition. 2,046,557; July 7.
- Holt, William A., Mebane, N. C. Bottom frame for spring beds. 2,040,995; May 19.
- Holt, William A., Mebane, N. C. Studio couch. 2,050,658; Aug. 11.
- Holthouse, Harry B., Chicago, Ill. Ignition system. 2,059,237; Nov. 3.
- Holton, Frank, Elkhorn, assignor to Frank Holton & Co., Elkhorn, Wis. Trombone. 2,027,340; Jan. 7.
- Holton, Frank & Co. (See Holton, Frank, assignor.)
- Holton, Rollin C., Cleveland, Ohio. Connecting device. 2,044,302; June 16.
- Holtschneider, Leo, Phoenix, Ariz. Dividing head for lathes. 2,042,847; June 2.
- Holtz, Barbara, Cleveland, Ohio. Skirt marker. 2,060,373; Nov. 10.
- Holtz, Charles, deceased, by L. Holtz, executrix, Minneapolis, Minn. Jar holding device. 2,061,074; Nov. 17.
- Holtz, Frederick C., assignor to Sangamo Electric Company, Springfield, Ill. Electrically energized time mechanism. 2,048,121; July 21.
- Holtz, Frederick C., assignor to Sangamo Electric Company, Springfield, Ill. Time switch. 2,056,400; Oct. 6.
- Holtz, Frederick C., assignor to Sangamo Electric Company, Springfield, Ill. Astronomic dial for time switches. 2,060,991; Nov. 17.
- Holtz, Frederick G., assignor to Sangamo Electric Company, Springfield, Ill. Maximum demand meter. 2,042,601; June 2.
- Holtz, Lee, Huntington Park, Calif., assignor to Inertol Company, Inc., New York, N. Y. Pipe covering. 2,054,769; Sept. 15.
- Holtz, Lillian, executrix. (See Holtz, Charles.)
- Holtzapfel, John H., York, Pa., assignor to New York Wire Cloth Company, New York, N. Y. Woven wire screen cloth. 2,027,778; Jan. 14.
- Holtzer-Cabot Electric Company, The. (See Durbin, Vernon, assignor.)
- Holtzer-Cabot Electric Company, The. (See Kennedy, Carlton L., assignor.)
- Holtzman, Abraham M., Brooklyn, N. Y. Package for cigarettes or cigars and matches. 2,041,548; May 19.
- Holtzman, John, New York, N. Y. Cigarette package holder. 2,030,990; Feb. 18.
- Holtzman, John, New York, N. Y. Cigar lighter. 2,035,886; Mar. 31.
- Holtzman, John, New York, N. Y. Pocket atomizer. 2,062,311; Dec. 1.
- Holtzmann, William C., New York, N. Y. Rope adjuster and holder. 2,040,555; May 12.
- Holtzmann, William C., New York, N. Y. Support. 2,048,449; July 21.
- Holy, Josef, Vienna, Austria. Sound record reproducing device. 2,040,742; May 12.
- Holy, Mitchell E. (See Kane, J. W., Keller, and Holy.)
- Holy, Mitchell E., Posen, assignor to Container Corporation of America, Chicago, Ill. Display carton. 2,038,219; Apr. 21.
- Holyfield, Earl F., Stillwater, Okla. Refrigeration compressor. 2,039,999; May 5.
- Holyoke Company, The. (See Filipak, Casmier J., assignor.)
- Holyoke Heater Company. (See Conant, John H., assignor.)
- Holz, Frank, Lillian, Ala., assignor of one-half to Cosmo Vacca, Bristol, Conn. Briquetted fuel and process of making. 2,040,609; May 12.
- Holzbaur, Eugen. (See Meyer, A., and Holzbaur.)
- Holzer, Henry U., Hyde Park, Mass. Plant identifying marker. 2,052,030; Aug. 25.
- Holzwarth Gas Turbine Co. (See Holzwarth, Hans, assignor.)
- Holzwarth Gas Turbine Co. (See Noack, Walter G., assignor.)
- Holzwarth Gasturbinen G. m. b. H. (See Noack, Walter G., assignor.)
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Method and apparatus for heat interchange with compressed gases. 2,040,090; May 12.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Explosion turbine with full admission high speed rotor. 2,049,446; Aug. 4.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Explosion gas turbine and operating same. 2,054,081; Sept. 15.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co. Heat exchange with explosion gases. 2,063,928; Dec. 15.
- Homan, John G., Steubenville, Ohio. Rupture supporting device. 2,063,382; Dec. 8.
- Höme, Hugo, Essen, Germany. Compensating device for motor vehicles. 2,049,119; July 28.
- Homeland Mfg. Co. (See Matthal, William H., assignor.)
- Homer, William J., Hinsdale, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Insulated wire. 2,043,702; June 9.
- Homestead Valve Manufacturing Company. (See Powell, C. E., Force, and Ofeldt, assignors.)
- Homeyer, August H. (See Whitmore, F. C., and Homeyer.)
- Homeyer, August H. (See Whitmore, F. C., Homeyer, Jones, and Trent.)
- Homicke, Peter A., et al. (See Montgomery, Floyd E., assignor.)
- Homkes, Bartell J. (See Tull, R. H., and Homkes.)
- Hommel, Ernest M. (See McQuiston, F. B., and Hommel.)
- Hommel, Ernest M., Pittsburgh, Pa. Marker. 2,033,711; Mar. 10.
- Hommel, Ernest M., Pittsburgh, and E. E. Hicks, Monaca, Pa., assignors to The O. Hommel Company. Method of and apparatus for stenciling. 2,027,102; Jan. 7.
- Hommel, O., Company, The. (See Hommel E. M., and Hicks, assignors.)
- Hommel, O., Company, The. (See McQuiston, F. B., and Hommel, assignors.)
- Hommel, O. Company, The. (See Rosenberg, Jacob E., assignor.)
- Homrighous, John H., Oak Park, Ill. Lighting system. 2,041,412; May 19.
- Hon, Victor R., Deming, N. Mex. Optical clasp. 2,042,400; May 26.
- Honaman, Richard K. (See Ferris, L. P., Honaman, and Inskip.)
- Honaman, Richard K., L. S. Inskip, Bloomfield, and L. K. Swart, Mountain Lakes, N. J., assignors to American Telephone and Telegraph Company. Protective system for cable circuits. 2,037,859; Apr. 21.
- Honan, John F., Omaha, Nebr. Cornerpiece for flexible siding. 2,056,521; Oct. 6.
- Hönel, Herbert, Klosterneuburg-Weidling, near Vienna, Austria, assignor to Beck, Koller & Company, Inc., Detroit, Mich. Condensation products and preparing same. 2,049,447; Aug. 4.
- Hönel, Herbert, assignor to Beck, Koller & Company, Inc., Detroit, Mich. Condensation product and preparing the same. 2,052,093; Aug. 25.
- Hönel, Herbert, assignor to Beck, Koller & Company, Inc., Detroit, Mich. Production of oil-soluble phenol aldehyde resins which are capable of being hardened. 2,058,797; Oct. 27.
- Honeyman, Henry W., Jr., East Providence, R. I. Dye jig. 2,059,871; Nov. 3.
- Honigbaum, Harry H., Forest Hills, N. Y. Shingle. 2,060,618; Nov. 10.
- Honigmann, Erich, and F. Bruckmayer, assignors to A. Singer, Vienna, Austria. Dry masonry. 2,056,937; Oct. 13.



- Hönigsberg, Robert, Vienna, Austria. Stiffening of double collars. 2,031,776; Feb. 25.
- Honiss, William H., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Glass feeding method and apparatus. 2,039,242; Apr. 28.
- Honiss, William T., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Forming parisons for bottles and similar articles. 2,036,871; Apr. 7.
- Honiss, William T., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Forehearth for molten glass. 2,036,872; Apr. 7.
- Honiss, William T., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Glass feeding apparatus. 2,040,789; May 12.
- Honiss, William T., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Shear mechanism and causing sliding contact of the blades thereof. 2,042,994; June 2.
- Honiss, William T., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Glass feeding forehearth. 2,050,211; Aug. 4.
- Honiss, William T., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Selective apparatus for and method of controlling flow of glass to tank or furnace forehearths. 2,063,842; Dec. 8.
- Honn, Joseph, Kansas City, Mo. Rake. 2,036,807; Apr. 7.
- Honold, Ernst. (See Zerweck, W., and Honold.)
- Honold, Ernst, and R. Müller, Frankfurt-on-the-Main, Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Brominated vat dyestuffs of the benzanthranyl-aminoanthraquinone series. 2,040,380; May 12.
- Honsel, Fritz, Milan, Italy. Combined electrical and key operated lock. 2,045,186; June 23.
- Hood, Charles E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoe parts. 2,047,267; July 14.
- Hood, Harrison P. (See Dalton, R. H., and Hood, assignors.)
- Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Fining borosilicate glasses. 2,035,318; Mar. 24.
- Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Process for the preparation of silica for glass batches. 2,052,227; Aug. 25.
- Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Luminous discharge lamp. 2,059,640; Nov. 3.
- Hood, John M., Pawtucket, R. I. Setting the twist of rayon yarn. 2,050,325; Aug. 11.
- Hood, Myron E., Cincinnati, Ohio. Combination space heater. 2,060,079; Nov. 10.
- Hood Rubber Company. (See Blackall, James D., assignor.)
- Hood Rubber Company. (See Bodle, Virgil H., assignor.)
- Hood Rubber Company. (See Brousseau, G. F., and Ferris, assignors.)
- Hood Rubber Company. (See Diller, A. L., and L'Hollier, assignors.)
- Hood Rubber Company. (See Fowler, Fred D., assignor.)
- Hood Rubber Company. (See Hickler, Walter R., assignor.)
- Hood Rubber Company. (See L'Hollier, L. H., and Diller, assignors.)
- Hood Rubber Company. (See MacDonald, Frank J., assignor.)
- Hood Rubber Company. (See Sheldon, Charles L., assignor.)
- Hood Rubber Company. (See Tousley, Nelson E., assignor.)
- Hood Rubber Company. (See White, Douglas L., assignor.)
- Hood Rubber Company. (See Whitman, Hyman L., assignor.)
- Hood, Stanley R. (See Alban, C. F., and Hood.)
- Hoof, Addison C., Hinsdale, Ill. Spark plug construction. 2,062,514; Dec. 1.
- Hooker, Donald E., Elgin, assignor to F. C. McClellan, Chicago, Ill. Game apparatus. 2,040,310; May 12.
- Hooker, Donald E., Elgin, assignor to F. C. McClellan, Chicago, Ill. Game apparatus. 2,042,786; June 2.
- Hooker Electrochemical Company. (See Anderson, Carl E., assignor.)
- Hooker Electrochemical Company. (See Esselen, G. J., and Scott, assignors.)
- Hooker Electrochemical Company. (See Rowland, Jasper M., assignor.)
- Hooker Electrochemical Company. (See Rue, John D., assignor.)
- Hooker, George W. (See Chamberlain, L. C., and Hooker.)
- Hooker Glass & Paint Mfg. Co. (See Thomas, John E., assignor.)
- Hooker, Thomas, Wilmington, Del. Ladder mount. 2,026,535; Jan. 7.
- Hookless Fastener Company. (See Corner, George H. C., assignor.)
- Hookless Fastener Company. (See Coventry, Theodore M., assignor.)
- Hookless Fastener Company. (See Cuttler, George H., assignor.)
- Hookless Fastener Company. (See Dahlin, Gustaf, assignor.)
- Hookless Fastener Company. (See Gilmore, Delbert B., assignor.)
- Hookless Fastener Company. (See Gilmore, William L., assignor.)
- Hookless Fastener Company. (See Kelley, Roland S., assignor.)
- Hookless Fastener Company. (See Kotowski, Bernard A., assignor.)
- Hookless Fastener Company. (See Norton, Samuel H., assignor.)
- Hookless Fastener Company. (See Quisling, Sverre, assignor.)
- Hookless Fastener Company. (See Reuter, William J., assignor.)
- Hookless Fastener Company. (See Seaver, Elliot O., assignor.)
- Hookless Fastener Company. (See Sipe, Harry E., assignor.)
- Hookless Fastener Company. (See Sundback, Gideon, assignor.)
- Hookless Fastener Company. (See von der Heyde, Otto, assignor.)
- Hookless Fastener Company. (See Wintritz, George, assignor.)
- Hooley, John W., Larchmont, N. Y. Electrical fixture. 2,038,290; Apr. 21.
- Hooley, John W., Larchmont, N. Y. Junction box. 2,038,291; Apr. 21.
- Hooley, John W., Larchmont, N. Y. Junction box. 2,038,292; Apr. 21.
- Hoop, Lance H., Denver, Colo. Water filter and purifier. 2,057,237; Oct. 13.
- Hooper, Charles W., Sharon, Conn., assignor to Winthrop Chemical Company, Inc., New York, N. Y. Water-miscible vitamin preparations containing vitamin D. 2,030,792; Feb. 11.
- Hooper, Claude E., and R. L. Chappell, New York, N. Y. Latch. 2,053,084; Sept. 1.
- Hooper, F. X., Company. (See Greenwood, Henry B., assignor.)
- Hooper, George H., Detroit, Mich. Motor vehicle. 2,042,431; May 26.
- Hooper, George W., et al. (See Pierce, Lucien, assignor.)
- Hooper, James E., Ruxton, assignor to Wm. E. Hooper & Sons Co., Baltimore, Md. Locomotive cab curtain. 2,032,068; Feb. 25.
- Hooper, Lester B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Work supporting device. 2,045,711; June 30.
- Hooper, Wm. E., & Sons Company. (See Heffner, Lawrence L., assignor.)
- Hooper, Wm. E., & Sons Co. (See Hooper, James E., assignor.)
- Hooper, Wm. E., & Sons Company. (See White, Clarence B., assignor.)
- Hoops, Albert H., Savannah, Ga. Charge forming device for combined light and heavy fuels. 2,034,343; Mar. 17.
- Hoosier Lamp & Stamping Corporation. (See Bugg, Kenly C., assignor.)
- Hooven, Frederick J., Dayton, Ohio. Direction finder. 2,062,906; Dec. 1.
- Hoover, Arthur L., Avery, Ohio. Control device. 2,057,027; Oct. 13.
- Hoover, Cecil E., Scandinavia, Wis. Ice cream service container. 2,031,162; Feb. 18.
- Hoover, Charles E., Lancaster, Pa. Solderless battery cable grip. 2,043,512; June 9.
- Hoover, Charles O., assignor to Bennett-Clark Co., Inc., San Antonio, Tex. Purifying hydrocarbon oils. 2,042,050; May 26.
- Hoover, Charles O., assignor to Bennett-Clark Co., Inc., San Antonio, Tex. Purifying hydrocarbon oils. 2,042,051; May 26.
- Hoover, Charles O., assignor to Bennett-Clark Co., Inc., San Antonio, Tex. Treating mineral oils. 2,042,052; May 26.
- Hoover, Charles O., assignor to Bennett-Clark Co., Inc., San Antonio, Tex. Refining hydrocarbon oils and vapors. 2,042,053; May 26.
- Hoover, Charles O., assignor to Bennett-Clark Co., Inc., San Antonio, Tex. Sweetening hydrocarbon oil. 2,042,054; May 26.
- Hoover, Charles O., assignor to Bennett-Clark Co., Inc., San Antonio, Tex. Sweetening sour hydrocarbon oil. 2,042,055; May 26.
- Hoover Company, The. (See Becker, Bernard C., assignor.)
- Hoover Company, The. (See Carlson, Vernon E., assignor.)
- Hoover Company, The. (See Cummings, S. R., and Mumery, assignors.)
- Hoover Company, The. (See Daiger, George P., assignor.)
- Hoover Company, The. (See Hoover, Howard E., assignor.)
- Hoover Company, The. (See Kitto, William H., assignor.)
- Hoover Company, The. (See Nelson, Rudolph S., assignor.)
- Hoover Company, The. (See Smellie, Donald G., assignor.)
- Hoover Company, The. (See Taylor, Charles H., assignor.)
- Hoover Company, The. (See White, Harry B., assignor.)
- Hoover Company, The. (See White, H. B., and Becker, assignors.)
- Hoover, Howard E., Glencoe, Ill., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,045,270; June 23.



- Hoover, Howard E., Glencoe, Ill., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,046,684; July 7.
- Hoover, James E., Oklahoma City, Okla. Building construction. 2,027,230; Jan. 7.
- Hoover, Joseph C., Detroit, Mich. Circuit analyzer. 2,039,905; May 5.
- Hoover, Otto, East St. Louis, Ill. Internal combustion engine. 2,036,941; Apr. 7.
- Hoover, Paul L., Middlebush, assignor to Endowment Foundation, New Brunswick, N. J. Instrument for measuring core loss in magnetic materials. 2,029,023; Jan. 28.
- Hoover, Ray, and E. R. Wheeler, North Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Printing quotation board. 2,056,452; Oct. 6.
- Hoover, Walter S., Girard, assignor of one-half to P. H. Crow, Meadville, Pa. One-piece hollow steel propeller. 2,042,099; May 26.
- Hope, John, Matawai, New Zealand. Cattle stanchion. 2,050,949; Aug. 11.
- Hope, Samuel N., Wauwatosa, and P. Drath, assignors to Griffith-Hope Company, West Allis, Wis. Coin controlled vending machine. 2,026,636; Jan. 7.
- Hopeck Manufacturing Company. (See Hofmann, W., and Gerbert, assignors.)
- Hoper, Carl, Chicago, Ill. Closure. 2,035,234; Mar. 24.
- Hopes, Charles W., Miami, Fla. Culinary utensil. 2,042,993; June 2.
- Hopes, James L., assignor to Dings Magnetic Separator Company, Milwaukee, Wis. Magnetic clutch. 2,055,723; Sept. 29.
- Hopewell, Frank B., trustee. (See Bowles, E. L., and Smith, assignors.)
- Hopff, Heinrich. (See Keller, K., Hopff, Gofferjé, and Nuesslein.)
- Hopff, Heinrich. (See Kuehn, E., and Hopff.)
- Hopff, Heinrich, Ludwigshafen-on-the-Rhine, assignor to I. C. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of alcohols. 2,029,618; Feb. 4.
- Hopff, Heinrich, and H. Olinger, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Stable carbamic acid chlorides. 2,052,138; Aug. 25.
- Hopkins, Alva R. (See Quinby, E. J., and Hopkins.)
- Hopkins, Alva R., Merchantville, N. J., assignor to Radio Corporation of America. Volume control apparatus and method. 2,037,236; Apr. 14.
- Hopkins, Alva R., Merchantville, N. J., assignor to Radio Corporation of America. Amplifier overload indicator. 2,038,110; Apr. 21.
- Hopkins, Alva R., Merchantville, N. J., assignor to Radio Corporation of America. Volume monitoring control. 2,045,271; June 23.
- Hopkins, Alva R., Merchantville, N. J., assignor to Radio Corporation of America. Self-excited microphone circuit. 2,066,149; Dec. 29.
- Hopkins, Arthur G., Sherman, Tex. Packaging coffee. 2,027,342; Jan. 7.
- Hopkins, Arthur G., Maspeth, N. Y., assignor to National Can Company. Seaming machine. 2,032,481; Mar. 3.
- Hopkins, Arthur G., Maspeth, N. Y., assignor to National Can Company. Spool cover. 2,045,652; June 30.
- Hopkins, Arthur G., Maspeth, assignor to National Can Company, New York, N. Y. Can punch. 2,055,865; Sept. 29.
- Hopkins, Arthur G., Maspeth, N. Y., assignor to National Can Company. Shaker top can. 2,064,308; Dec. 15.
- Hopkins, Carl P., assignor to The Latimer-Goodwin Chemical Company, Grand Junction, Colo. Insecticide. 2,058,588; Oct. 27.
- Hopkins, Cecil W. (See Harrison, R. E. W., and Hopkins.)
- Hopkins, Charles L., River Forest, Ill., assignor to Bendix Products Corporation, South Bend, Ind. Automatic clutch system for motor vehicles. 2,055,255; Sept. 22.
- Hopkins, Edwin, New York, N. Y. Photoelectric thermionic cell. 2,056,967; Oct. 13.
- Hopkins, Ernest R., and N. Baraban, Kansas City, Mo., assignors to American Cooling Tower Company. Cooling unit for refrigerating systems. 2,060,732; Nov. 10.
- Hopkins, Frank F., Seattle, Wash. Incinerator. 2,050,434; Aug. 11.
- Hopkins, Frank H., Fairfield, and E. B. Crocker, Stratford, assignors to Consolidated Ashcroft Hancock Company, Inc., Bridgeport, Conn. Safety valve. 2,035,129; Mar. 24.
- Hopkins, George J., assignor to McCray Refrigerator Company, Kendallville, Ind. Display refrigerator accessory. 2,030,923; Feb. 18.
- Hopkins, George W., Jr., assignor to Caterpillar Tractor Co., San Leandro, Calif. Tractor. 2,048,697; July 28.
- Hopkins, Howard L., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,552; Jan. 7.
- Hopkins, Joseph A., Rockford, Ill. Demonstration device. 2,060,869; Nov. 17.
- Hopkins, Leonard, Holyoke, and G. E. Rattman, South Hadley Falls, Mass. Kite. 2,057,148; Oct. 13.
- Hopkins, Leonard O., Nashville, Tenn. Bascule bridge. 2,066,110; Dec. 29.
- Hopkins, Marion B. (See Eberle, W. A., and Hopkins.)
- Hopkins, Nathan F. (See Gouldbourn, J., Elliott, and Hopkins.)
- Hopkins, Raymond E., Pembroke, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 2,058,454; Oct. 27.
- Hopkins, Richard M. (See Johnson, C. C., Hopkins, and Spamer.)
- Hopkins, Richard M., assignor to American District Telegraph Company, New York, N. Y. Watchman's tour system. 2,064,474; Dec. 15.
- Hopkins, Richard M., Rutherford, N. J., and R. F. Spamer, Lynbrook, N. Y., assignors to American District Telegraph Company, New York, N. Y. Water flow detector for ducts. 2,038,111; Apr. 21.
- Hopkins, Richard M., Rutherford, N. J., and H. M. Laford, assignors to American District Telegraph Company, New York, N. Y. Electric temperature and burglar alarm system. 2,060,215; Nov. 10.
- Hopkins, Robert K., assignor to M. W. Kellogg Company, New York, N. Y. Boot pump. 2,027,979; Jan. 14.
- Hopkins, Robert K., assignor to The M. W. Kellogg Co., New York, N. Y. Welding electrode. 2,039,167; Apr. 28.
- Hopkins, Robert K., assignor to The M. W. Kellogg Co., New York, N. Y. Welding. 2,050,326; Aug. 11.
- Hopkins, Robert K., assignor to The M. W. Kellogg Co., New York, N. Y. Arc-welding machine. 2,055,533; Sept. 29.
- Hopkins, Robert K., assignor to M. W. Kellogg Company, New York, N. Y. Corrugating conduits. 2,055,535; Sept. 29.
- Hopkins, Robert K., West Brighton, Staten Island, assignor to M. W. Kellogg Company, New York, N. Y. Welding electrode. 2,034,259; Mar. 17.
- Hopkins, Robert K., West Brighton, Staten Island, assignor to The M. W. Kellogg Company, New York, N. Y. Header. 2,055,534; Sept. 29.
- Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Enlarging printer. 2,033,712; Mar. 10.
- Hopkins, Roy S., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Printing machine lamp house. 2,063,312; Dec. 8.
- Hopkins, Wiley O., Primghar, Iowa. Electric railway. 2,041,607; May 19.
- Hopkinson, Ernest, F. A. Belanger, F. A. Alcott, and E. F. Hewitt, Waterbury, Conn., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Machine and method for setting elements upon a strip. 2,052,179; Aug. 25.
- Hopp, Leo, New York, N. Y. Shelf molding. 2,046,121; June 30.
- Hopp, Leo, assignor to The Hopp Press, Inc., New York, N. Y. Price ticket holder. 2,047,632; July 14.
- Hopp, Max, New York, N. Y. Transfer set. 2,064,003; Dec. 15.
- Hopp Press, Inc., The. (See Hopp, Leo, assignor.)
- Hopp, Richard, Berlin, Germany, assignor to R. W. Allott, Yorkshire, England. Elastic boat, particularly applicable to seaplane floats. 2,057,574; Oct. 13.
- Hoppe, Arnold F., assignor to E. C. Atkins and Company, Indianapolis, Ind. Globe valve. 2,056,322; Oct. 6.
- Hoppe, Edgar, Amsterdam, Netherlands, assignor to St. Regis Paper Company, New York, N. Y. Making stepped end bags. 2,055,030; Sept. 22.
- Hoppe, William, assignor to National Bread Wrapping Machine Co., Springfield, Mass. Paper feed for wrapping machines. 2,043,376; June 9.
- Hoppe, William, assignor to National Bread Wrapping Machine Co., Springfield, Mass. Bread wrapping machine. 2,060,501; Nov. 10.
- Hopper, Basil. (See Aldridge, B. G., and Hopper.)
- Hopper, Basil, San Pedro, assignor to Union Oil Company of California, Los Angeles, Calif. Separating oil from wax cakes. 2,031,107; Feb. 18.
- Hopper, Basil, Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Removing wax from oil. 2,031,108; Feb. 18.
- Hopper, Pressley E. (See Cumpston, K. B., and Hopper.)
- Hopping, Alvin S., Verona, N. J. Thermostatically controlled damper device. 2,031,652; Feb. 25.
- Hopping, Alvin S., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America. Electron discharge device. 2,042,057; May 26.
- Hopwood, John A., Great Neck, N. Y. Delivery box. 2,030,109; Feb. 11.
- Hopwood, John A., Great Neck, N. Y. Milk delivery box. 2,055,350; Sept. 22.
- Hopwood, John A., Great Neck, N. Y. Milk crate. 2,055,536; Sept. 29.
- Hopwood, John A., Great Neck, N. Y. Milk delivery box. 2,057,489; Oct. 13.
- Hopwood, John M. (See Miller, Paul S., assignor.)
- Hopwood, John M. (See Smith, George W., assignor.)
- Hopwood, John M. (See Smith, G. W., and Specht, assignors.)
- Hora, Josef, Wuppertal-Oberbarmen, Germany. Sliding clasp fastener with nonmetallic fastener elements. 2,056,856; Oct. 6.
- Horan, Laurence J., University City, Mo. Pad. 2,062,786; Dec. 1.
- Horbach, John B., et al. (See Looney, William R., assignor.)



- Horelick, Harry, Paterson, N. J. Receiving set control system. 2,048,742; July 28.
- Horgan, Timothy J., Westminster, London, England. Vehicle headlight. 2,027,690; Jan. 14.
- Horii, Shinjiro, Kanda-Ku, Tokyo, Japan. Duplicator. 2,066,269; Dec. 29.
- Horine, Harold, Hollister, Mo. Apparatus for decorating articles. 2,064,161; Dec. 15.
- Horlacher, Elmer L., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Motor-compressor unit for refrigerating apparatus. 2,062,052; Nov. 24.
- Horley, George H., Trenton, N. J. Finger moistener. 2,034,578; Mar. 17.
- Horlick, William, Jr., Racine, Wis. Container and closure therefor. 2,031,312; Feb. 18.
- Hornel, August, Hoboken, N. J., assignor to National-Standard Company, Niles, Mich. Grinding machine. 2,055,351; Sept. 22.
- Hornes, William T., Catonsville, Md. Joint for wall structures and the like. 2,035,964; Mar. 31.
- Horn, Andrew S., Birkenhead, England. Writing point or nib. 2,051,337; Aug. 18.
- Horn, Charles L. (See Reed, Cortes F., assignor.)
- Horn, Elizabeth M., Yeadon, Pa. Food cooking and service table. 2,043,797; June 9.
- Horn, Emil, East Falls, Pa. Tire wrench. 2,061,274; Nov. 17.
- Horn, Erhard, Leipzig, Germany. Rate of climb indicator. 2,056,354; Oct. 6.
- Horn, Ernst, Nuremberg, Germany. Track for toy-vehicles. 2,052,228; Aug. 25.
- Horn, George H., Vesper, Wis. Apparatus for washing milk cans and the like. 2,065,466; Dec. 22.
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Hub cap mounting. 2,026,786; Jan. 7.
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Wheel rim. 2,034,947; Mar. 24.
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,037,237; Apr. 14.
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,037,981; Apr. 21.
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Brake drum. 2,038,842; Apr. 28.
- Horn, Heinrich, assignor to the Firm J. S. Petzholdt, Bezirk, Dresden, Germany. Machine for working liquid, pulverulent, and granular masses. 2,055,689; Sept. 29.
- Horn, Heinz, assignor to Norddeutsche Seekabelwerke A.-G., Nordenham, Germany. Stranded conductor. 2,048,450; July 21.
- Horn, Irvin R., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cabinet. 2,042,848; June 2.
- Horn, John W. (See Cree, J., and Horn.)
- Horn, Josef, assignor to Kalle & Co., Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Apparatus for the development of photographic printing papers by means of gaseous developing agents. 2,058,983; Oct. 27.
- Horn, Otto, Ionia, Mich. Fish bag or holder. 2,030,793; Feb. 11.
- Horn, Paul E., Fort Dodge, Iowa. Foldable bleacher seat. 2,061,235; Nov. 17.
- Horn, Royal, and J. Humphreys, assignor to Kellogg Switchboard & Supply Co., Chicago, Ill. Telephone desk set mechanism. 2,040,311; May 12.
- Horn, William, Marietta, Ohio. Liner rest. 2,033,521; Mar. 10.
- Hornbeck, Edward. (See Hornbeck, Evelyn and E.)
- Hornbeck, Evelyn, and E., assignors of one-fourth to A. K. Kriete, Tulsa, Okla. Paper stacker. 2,027,341; Jan. 7.
- Hornberger, Carl S., Glen Ellyn, Ill., assignor to Central Scientific Company. Constant temperature bath. 2,044,573; June 16.
- Hornbostel, Lloyd. (See Putnam, C. P., Berry, and Hornbostel.)
- Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Paper coating apparatus and method. 2,032,211; Feb. 25.
- Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Pump. 2,058,230; Oct. 20.
- Horner, Arthur C., San Francisco, Calif. Beam action stringer. 2,060,080; Nov. 10.
- Horner, Arthur C., San Francisco, Calif., assignor to Timber Engineering Company, Washington, D. C. Combined seating tool, washer, and strap connection. 2,046,949; July 7.
- Horner, Clarence, Windber, Pa. Safety stop for cutter chains. 2,061,195; Nov. 17.
- Hörner, Erich, Berlin, Germany. Device for photographic survey from aircraft. 2,047,070; July 7.
- Horner, Harold R. (See Derby, I. H., and Horner.)
- Horner, Samuel S., Bellefonte, Pa. Tractor and plow coupling. 2,054,751; Sept. 15.
- Horni, Paul P., Newark, N. J. Fire alarm box door. 2,029,373; Feb. 4.
- Horni, Paul P., Newark, N. J. Traffic regulating system. 2,049,651; Aug. 4.
- Hornicek, Jerry, Coraopolis, assignor, by mesne assignments, to Starlock Manufacturing Company, Pittsburgh, Pa. Spacing and supporting means for brick veneer walls. 2,054,511; Sept. 15.
- Hornig, August W., Chicago, Ill. Producing laminated glass. 2,038,565; Apr. 28.
- Hornig, Arno, Pawtucket, R. I. Apparatus for use in the manufacture of loom reeds and like articles. 2,058,314; Oct. 20.
- Horning, Edwin L., Fort Wayne, Ind., assignor to General Electric Company. Electric switch. 2,057,525; Oct. 13.
- Hornkohl, Carl J., and F. Deppe, assignors to Ackles-Hornkohl Company, Chicago, Ill. Icing mechanism. 2,045,272; June 23.
- Hornquist, Frank, Bradford, Pa. Adjustable guard railing for children's sleds or wagons. 2,045,712; June 30.
- Hornsby, Henry R. (See Pescod, R. F., Hornsby, and Harrison.)
- Horowitz, Alexandre, and J. Visman, Eindhoven, Netherlands, assignors to Radio Corporation of America. Tube base and socket. 2,031,313; Feb. 18.
- Horowitz, Harry. (See Horowitz, Solomon, and H.)
- Horowitz, Max. (See Fink, J. H., and Horowitz.)
- Horowitz, Solomon, and H. Horowitz, New York, N. Y. Bumper operated safety device for motor vehicles. 2,058,080; Oct. 20.
- Horr, John V., Hastings-upon-Hudson, N. Y. Foldable table. 2,050,840; Aug. 11.
- Horsch, Walter H., Wheaton, assignor to Massey Concrete Products Corporation, Chicago, Ill. Electric vibrator. 2,032,934; Mar. 3.
- Horsch, Walter H., Wheaton, assignor to Massey Concrete Products Corporation, Chicago, Ill. Vibrator and method of treating concrete. 2,054,253; Sept. 15.
- Horsey, Andrew H., Mount Vernon, Wash., assignor of one-half to V. A. Hamachek, Kewaunee, Wis. Trailer. 2,062,053; Nov. 24.
- Horsfield, Walter R., London, England. Measuring of gloss. 2,032,128; Feb. 25.
- Horsky, Milvoj, and W. Paseka, Cedar Rapids, Iowa. Fan. 2,032,616; Mar. 3.
- Horsley, Caperton B. (See Goldfield, E. R., and Horsley.)
- Horsley, Caperton B., Gates Mills, and E. R. Goldfield, University Heights, assignors to Waite & Bartlett X-Ray Mfg. Co., Inc., Cleveland, Ohio. Portable tube stand. 2,049,807; Aug. 4.
- Horsley, George F., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Production of ethyl alcohol from ethylene. 2,051,046; Aug. 18.
- Horsley, George F., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Hydration of olefines. 2,064,116; Dec. 15.
- Horst, Karl. (See Steindorff, A., Lange, and Horst.)
- Horst, Tallmon E., Chicago, Ill. Hinge and the like. 2,065,700; Dec. 29.
- Horster, William H. (See Peaden, W. H., Horster, and O'Dell.)
- Horsting-Jones, Inc., et al. (See Krause, Victor, assignor.)
- Horstmann, Bevan G. (See Horstmann, John H. G., K. J., and B. G.)
- Horstmann, Frederick B., assignor to Dearborn Chemical Company, Chicago, Ill. Pump. 2,030,296; Feb. 11.
- Horstmann, Frederick W., Maplewood, N. J. Fur treating machine. 2,029,775; Feb. 4.
- Horstmann, John H. G., K. J., and B. G., Bath, England. Gas valve. 2,065,972; Dec. 29.
- Horstmann, Kenneth J. (See Horstmann, John H. G., K. J., and B. G.)
- Hort, Hermann, Berlin-Charlottenburg, assignor to Gesellschaft für Elektrische Apparate, m. b. H., Marienfelde, near Berlin, Germany. Ship stabilizer. 2,066,150; Dec. 29.
- Horton, Albert G. (See Buchanan, M. K., and Horton.)
- Horton, Albert J., White Plains, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Cylinder for printing machines. 2,048,005; July 21.
- Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, permanent trustee. Driving and brake mechanism. 2,058,589; Oct. 27.
- Horton, Albert J., White Plains, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Web supply mechanism. 2,063,098; Dec. 8.
- Horton, Albert J., White Plains, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Web guiding roller support. 2,066,306; Dec. 29.
- Horton, Albert J., White Plains, N. Y., assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Web feeding mechanism. 2,066,307; Dec. 29.
- Horton, Albert J., White Plains, and W. A. Smith, Jersey City, N. J., assignors, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Web supply mechanism for printing presses. 2,062,361; Dec. 1.
- Horton, Allen A., Plymouth, and D. P. Rowland, assignors to Burroughs Adding Machine Company, Detroit, Mich. Electrically operated paper carriage. 2,028,747; Jan. 28.
- Horton, Bryson D., assignor to Square D Company, Detroit, Mich. Meter testing. 2,060,419; Nov. 10.
- Horton, Enos R., Denver, Colo. Concentrator. 2,056,190; Oct. 6.
- Horton, Erwin C. (See Hueber, H., and Horton.)
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle heating and cooling system. 2,028,069; Jan. 14.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Fluid motor. 2,030,003; Feb. 4.



- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner blade. 2,039,716; May 5.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,042,898; June 2.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Suction producing muffler. 2,045,142; June 23.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,045,143; June 23.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle construction. 2,049,009; July 28.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle. 2,049,010; July 21.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Muffler. 2,055,453; Sept. 22.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Accessory system. 2,059,457; Nov. 3.
- Horton, Erwin C., Hamburg, and H. Hueber, Buffalo, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,032,319; Feb. 25.
- Horton, Erwin C., Hamburg, and H. Hueber, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,042,897; June 2.
- Horton, Erwin C., Hamburg, and H. Hueber, assignors to Trico Products Corporation, Buffalo, N. Y. Twin motored windshield cleaner. 2,045,140; June 23.
- Horton, Erwin C., Hamburg, and H. Hueber, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield wiper blade. 2,045,141; June 23.
- Horton, Fred B. (See Smith, Thomas W., assignor.)
- Horton, George E., Houston, Tex. Rotary kiln. 2,057,526; Oct. 13.
- Horton, George T., and C. L. Day, assignors to Chicago Bridge & Iron Company, Chicago, Ill. Container. 2,057,682; Oct. 20.
- Horton, Gilbert E., Jr., Hewlett, N. Y. Vacuum tube periodic relay. 2,030,794; Feb. 11.
- Horton, Grover C., Oneonta, Ala. Hay press. 2,037,131; Apr. 14.
- Horton, Joseph W., Cambridge, Mass., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical system. 2,031,952; Feb. 25.
- Horton Manufacturing Company, The. (See Lagerblade, Herbert C., assignor.)
- Horton, William M., Sewickley, Pa., assignor to Pittsburgh Screw & Bolt Corporation. Manufacture of screws and bolts. 2,027,980; Jan. 14.
- Horton, William M., Sewickley, Pa., assignor to Pittsburgh Screw & Bolt Corporation. Metal-extruding die. 2,044,986; June 23.
- Horton, William M., Cleveland, Ohio, assignor to Pittsburgh Screw & Bolt Corporation. Bolt anchorage. 2,053,478; Sept. 8.
- Horvath, Anthony G., and E. E. Eickmeyer, assignors to The Dayton Pump and Mfg. Company, Dayton, Ohio. Refrigerator. 2,047,415; July 14.
- Horvath, Artemy A., Newark, Del., assignor to Wilmington Fibre Specialty Company. Insulating composition. 2,045,468; June 23.
- Horvath, Dan J., Sharon, Pa. Golf tee. 2,061,308; Nov. 17.
- Horvitz Patent Holding Corporation. (See Knapp, Walter R., assignor.)
- Horwath, Julius, Chicago, Ill., assignor to Badger Carton Company, Milwaukee, Wis. Display device. 2,047,416; July 14.
- Horwitt, Nathan G., and M. Katcher, assignors, by mesne assignments, to E. Pincus, New York, N. Y. Chair. 2,030,635; Feb. 11.
- Horwitt, Nathan G., and M. Katcher, assignors to Design Engineers, Incorporated, New York, N. Y. Cigarette rest. 2,032,536; Mar. 3.
- Horwitt, Nathan G., M. Katcher, and W. Noell, assignors to Design Engineers, Incorporated, New York, N. Y. Lamp and variable focus shade. 2,063,504; Dec. 8.
- Horwitt, Paul H., Hartsdale, N. Y. Razor blade wiper. 2,039,168; Apr. 28.
- Horwitt, Paul H., Hartsdale, N. Y., assignor, by mesne assignments, to The Marathon Paper Mills Company, Rothschild, Wis. Napkin dispenser. 2,053,791; Sept. 8.
- Horwitz, Robert, New York, N. Y. Cooler for refrigerators. 2,031,653; Feb. 25.
- Horwitz, Ruben G. (See Herman, H. M., and Horwitz.)
- Horwitz, Vincent, Company. (See Goldberg, Leon, assignor.)
- Hosack, Francis A., New York, N. Y. Key releasing means. 2,059,458; Nov. 3.
- Hosceit, William J., assignor to Rodger Ballast Car Company, Chicago, Ill. Car construction. 2,042,528; June 2.
- Hoschke, Frederick A., deceased, W. Hoschke, executrix, South Haven, Mich. Tremolo device. 2,062,515; Dec. 1.
- Hoschke, Wilhelmina, executrix. (See Hoschke, Frederick A.)
- Hosking, Henry G. W., Wallington, England. Lid or end of containers made of cardboard or like materials. 2,049,379; July 28.
- Hosking, Oakley W., Monroe, N. Y. Automatic tire inflater. 2,030,592; Feb. 11.
- Hosking, Oakley W., Monroe, N. Y. Automatic tire inflater. 2,030,593; Feb. 11.
- Hosking, Richard T. Wilmette, Ill. Reenforced light-transmitting sheet. 2,028,670; Jan. 21.
- Hoskins, Huldah, De Kalb, Ill. Shoulder strap holder. 2,052,469; Aug. 25.
- Hoskwith, George M., Brooklyn, N. Y. Mechanism for pinking fabric or the like. 2,052,630; Sept. 1.
- Hosmer, Frank F., Glendale, Calif. Can opener. 2,028,778; Jan. 28.
- Hosmer, Frank F., Glendale, Calif. Truss. 2,034,814; Mar. 24.
- Hossfeld, Albert, Winona, Minn. Friction grip for drilling machines. 2,061,768; Nov. 24.
- Hosteck, Charles W., Flushing, N. Y. Display device. 2,029,719; Feb. 4.
- Hesterler, Lloyd C., Honolulu, Hawaii. Time switch. 2,062,715; Dec. 1.
- Hotchkiss, James R., Upper Montclair, assignor to The Palnut Company, Irvington, N. J. Terminal member. 2,055,130; Sept. 22.
- Hotchkiss, E. H., Company, The. (See Koch, Charles F., Jr., assignor.)
- Hotchkiss, William R., St. Paul, Minn. Automatic perforating machine. 2,047,472; July 14.
- Hotchkiss, William R., St. Paul, Minn. Sheet feeder. 2,064,004; Dec. 15.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Handle for pails. 2,026,536; Jan. 7.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Can cover. 2,034,720; Mar. 24.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Metal shipping container. 2,036,276; Apr. 7.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Sealing means for containers. 2,042,467; June 2.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Electric welding. 2,047,964; July 21.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Treating fibrous material. 2,051,047; Aug. 18.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,054,817; Sept. 22.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,055,493; Sept. 29.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Making container bodies. 2,056,192; Oct. 6.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Pouring spout can cover machine. 2,061,575; Nov. 24.
- Hotstream Heater Company, The. (See Morrow, Clarence H., assignor.)
- Hott, Ion von K., assignor to The Joyce-Cridland Company, Dayton, Ohio. Lifting mechanism. 2,053,368; Sept. 8.
- Hott, Ion von K., and W. E. Webster, assignors to The Joyce-Cridland Company, Dayton, Ohio. Fluid pressure system. 2,055,690; Sept. 29.
- Hott, Ion von K., assignor to The Joyce-Cridland Company, Dayton, Ohio. Multipost lift. 2,057,335; Oct. 13.
- Hottel, Louis W., Los Angeles, Calif., assignor to The Richardson Company, Lockland, Cincinnati, Ohio. Battery box and making the same. 2,045,950; June 30.
- Hottel, Louis W., Indianapolis, Ind., assignor to The Richardson Company, Lockland, Ohio. Apparatus for controlling the temperature of plastic materials during molding. 2,064,162; Dec. 15.
- Hotz, Ernst, Hattersheim-on-the-Main, and W. Luce, Hofheim-on-the-Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Nitro-derivatives of 2-hydroxynaphthalene-1-sulphonic acid-3-carboxylic acid and preparing them. 2,042,658; June 2.
- Hotz, Oscar L., Shawano, Wis. Box. 2,026,975; Jan. 7.
- Hotze, Charles, St. Louis, Mo. Carrying structure for golf bags and the like. 2,034,394; Mar. 17.
- Houck, Elmer S., York, Pa. Pie crimper. 2,059,353; Nov. 3.
- Houck, Harry W., West Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America. Amplifying apparatus. 2,054,421; Sept. 15.
- Houck, John D., Chicago, Ill. Waste trap. 2,060,420; Nov. 10.
- Houck, Robert C. (See Sheppard, S. E., and Houck.)
- Houde Engineering Corporation. (See Bliss, S. C., and Lautz, assignors.)
- Houde Engineering Corporation. (See Clifford, Walter B., assignor.)
- Houde Engineering Corporation. (See Fieldman, Michael, assignor.)
- Houde Engineering Corporation. (See Mitchell, Courtney N., assignor.)
- Houde Engineering Corporation. (See Peo, Ralph F., assignor.)
- Houde Engineering Corporation. (See Whitted, John B., assignor.)
- Houdry, Eugene. (See Faragher, W. F., and Houdry.)



- Houdry, Eugene J., Paris, France, assignor to Houdry Process Corporation, Dover, Del. Production of motor fuel. 2,035,478; Mar. 31.
- Houdry, Eugene J., Paris, France, assignor to Houdry Process Corporation, Dover, Del. Fluid distribution in contact masses. 2,042,468; June 2.
- Houdry, Eugene J., Paris, France, and R. H. Hammell, Oaklyn Manor, N. J., assignors to Houdry Process Corporation, Dover, Del. Apparatus for contact masses. 2,045,600; June 30.
- Houdry Process Corporation. (See Daugherty, James P., Jr., assignor.)
- Houdry Process Corporation. (See Faragher, W. F., and Houdry, assignors.)
- Houdry Process Corporation. (See Hammell, Reeve H., assignor.)
- Houdry Process Corporation. (See Harrison, J. W., and Prickett, assignors.)
- Houdry Process Corporation. (See Houdry, Eugene J., assignor.)
- Houdry Process Corporation. (See Houdry, E. J., and Hammell, assignors.)
- Houdry Process Corporation. (See Joseph, Alfred, assignor.)
- Houdry Process Corporation. (See Lassiat, Raymond C., assignor.)
- Houdry Process Corporation. (See Prickett, Thomas B., assignor.)
- Houdry Process Corporation. (See Prickett, T. B., and Lassiat, assignors.)
- Hough, Azel C., Janesville, Wis., assignor to Hough Shade Corporation. Venetian blind support. 2,034,395; Mar. 17.
- Hough, Frank G., Chicago, Ill. Floor sweeper. 2,033,030; Mar. 3.
- Hough, Frank G., Chicago, Ill. Sweeper. 2,055,011; Sept. 22.
- Hough Shade Corporation. (See Hough, Azel C., assignor.)
- Hough, William S., Kokomo, Ind. Making embossing dies. 2,029,567; Feb. 4.
- Hough, William S., Kokomo, Ind. Electrode housing. 2,045,229; June 23.
- Houghland, Albert C., St. Paul, Minn. Gear transmission for churns. 2,040,654; May 12.
- Houghtaling, Guy R., assignor to Hickok Manufacturing Co., Inc., Rochester, N. Y. Wrist watch adapter. 2,035,965; Mar. 31.
- Houghton, Harold D. (See Doran, H. M., and Houghton.)
- Houghton, Henry G., Jr., South Dartmouth, assignor to Massachusetts Institute of Technology, Cambridge, Mass. Dispelling fog. 2,052,626; Sept. 1.
- Houghton, James C. (See Barr, J. L., and Houghton.)
- Houghton, Paul C. B., West Los Angeles, Calif. Bottle holder. 2,050,841; Aug. 11.
- Houghton, Winnifred F., Arlington, Va. Quick-release strap fastener. 2,057,575; Oct. 13.
- Houglund, Albert C., assignor to Crane Company of Minnesota, St. Paul, Minn. Pasteurizer. 2,057,895; Oct. 20.
- Houlis, Louis D., Dallas, Tex. Bake oven. 2,028,748; Jan. 28.
- Houlis, Louis D., Seattle, Wash. Baking oven. 2,041,930; May 26.
- Housdorfer, George W., Toledo, Ohio, assignor, by mesne assignments, to Automobile Ventilation, Inc., Detroit, Mich. Ventilator mechanism for vehicles. 2,033,769; Mar. 10.
- House, Bryan E. (See Parker, H. F., and House.)
- House, Bryan E., South Bend, assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,032,058; Feb. 25.
- House, Bryan E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,051,855; Aug. 25.
- House, Charles B., Klamath Falls, Oreg. Automatic brake mechanism. 2,044,944; June 23.
- House, Chas. W., & Sons. (See Brooks, Raymond K., assignor.)
- House, Frank R., Baldwin Harbor, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Airway beacon. 2,039,647; May 5.
- House, Frank R., Baldwin Harbor, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Electrode holder for searchlights. 2,051,377; Aug. 18.
- House, John F., Miami, Fla. Coin collector. 2,035,811; Mar. 31.
- House, Lloyd A., Assignor to Victor Lubricator Company, Chicago, Ill. Lubricator. 2,036,808; Apr. 7.
- Houston, Claude M., Pittsburgh, Pa. Coupling for tubular joints of the expansion joint type. 2,028,329; Jan. 21.
- Houston, Claude M., Pittsburgh, Pa. Preparing the ends of tubular members for a welded joint. 2,042,100; May 26.
- Houston, Homer M. (See Bivin, R. J., and Houston.)
- Houston, Junious W., Toledo, Ohio. Electromagnetic pump. 2,029,374; Feb. 4.
- Houtsinger, Henry J., Chicago, assignor to Laura E. Carpenter, Winnetka, and H. A. Stilson, Chicago, Ill. Animal trap. 2,065,701; Dec. 29.
- Houze, L. J., Convex Glass Company. (See Houze, Leon J., Sr., assignor.)
- Houze, L. J., Convex Glass Company. (See Klages, Norman H., assignor.)
- Houze, Leon J., Sr., Point Marion, Pa., assignor to L. J. Houze Convex Glass Company. Leer. 2,026,737; Jan. 7.
- Hovden, K., Company. (See Bergen, Harold E., assignor.)
- Hovden, Knut. (See Bentley, Raymond, assignor.)
- Hovey, Almon G., assignor to H. Reichhold, doing business as Reichhold Chemicals, Detroit, Mich. Condensation product and making the same. 2,041,248; May 19.
- Hovey, Gertrude M., Kansas City, Mo. Child's apron. 2,051,142; Aug. 18.
- Hovey, Otis W., assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Flexible metallic closure. 2,042,002; May 26.
- Hovey, William L., Flint, Mich. Can. 2,045,855; June 30.
- Hovland, Henry, Williston Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,065,894; Dec. 29.
- Howald, Arthur M. (See Rogers, J. L., Jr., and Howald.)
- Howald, Arthur M., Pittsburgh, Pa., assignor, by mesne assignments, to Plaskon Company, Incorporated. Resinous materials and hardening and molding them. 2,056,453; Oct. 6.
- Howald, Arthur M., Pittsburgh, Pa., assignor, by mesne assignments, to Plaskon Company, Incorporated. Molding powders and molding them. 2,056,454; Oct. 6.
- Howald, Arthur M., Pittsburgh, Pa., assignor, by mesne assignments, to Plaskon Company, Incorporated. Urea plastics. 2,056,456; Oct. 6.
- Howald, Arthur M., Pittsburgh, Pa., assignor, by mesne assignments, to Plaskon Company, Incorporated. Composite article and making. 2,056,457; Oct. 6.
- Howald, Arthur M., Toledo, Ohio, assignor, by mesne assignments, to Plaskon Company, Incorporated. Molding powder and making the same. 2,056,455; Oct. 6.
- Howald, Arthur M., Toledo, Ohio, assignor, by mesne assignments, to Plaskon Company, Incorporated. Potential resins and making the same. 2,056,458; Oct. 6.
- Howald, Arthur M., Toledo, Ohio, assignor, by mesne assignments, to Plaskon Company, Incorporated. Potential resins and making the same. 2,056,460; Oct. 6.
- Howald, Arthur M., Toledo, Ohio, assignor, by mesne assignments, to Plaskon Company, Incorporated. Manufacture of molded articles from urea and formaldehyde. 2,056,461; Oct. 6.
- Howald, Arthur M., Toledo, Ohio, assignor, by mesne assignments, to Plaskon Company, Incorporated. Manufacture of molded articles from urea and formaldehyde. 2,056,462; Oct. 6.
- Howald, Arthur M., and J. L. Rodgers, Jr., assignors, by mesne assignments, to Plaskon Company, Incorporated, Toledo, Ohio. Plastic materials. 2,056,459; Oct. 6.
- Howard, Alfred C., Beloit, Wis., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Mercury tube electric circuit closer. 2,044,882; June 23.
- Howard, Charles H., and C. D. Miller, Detroit, Mich. Electric transformer. 2,027,593; Jan. 14.
- Howard, Clinton W., Washington, D. C. Aircraft wing. 2,050,327; Aug. 11.
- Howard, Dudley B., Dayton, Ohio. Map distance and course indicator. 2,055,494; Sept. 29.
- Howard, Dudley B., Riverside, Calif., and K. B. Wolfe, Dayton, Ohio. Flight attitude and movement indicator. 2,055,495; Sept. 29.
- Howard, Ernest E., and H. C. Tammen, assignors to Ash-Howard-Needles & Tammen, Kansas City, Mo. Counterbalance mechanism. 2,057,028; Oct. 13.
- Howard, Forrest K. (See Bluehdorn, W. R., and Howard.)
- Howard, Forrest K. (See Green, S. G., and Howard.)
- Howard, Forrest K., East Falls Church, Va., and S. G. Green, Gray, Ga. Machine gun unit. 2,049,448; Aug. 4.
- Howard, Frank A., Elizabeth, N. J., assignor to Standard Oil Development Company. Motor fuel containing olefine polymers and making the fuel. 2,049,062; July 28.
- Howard, Frank C., assignor to American Automatic Devices Co., Chicago, Ill. Bumper guard. 2,030,255; Feb. 11.
- Howard, Frank C., assignor to American Automatic Devices Co., Chicago, Ill. Automobile bumper. 2,050,435; Aug. 11.
- Howard, George E., Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for feeding molten glass. 2,033,075; Mar. 3.
- Howard, George E., Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for forming hollow glass. 2,033,076; Mar. 3.
- Howard, George E., Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for forming glassware. 2,036,333; Apr. 7.
- Howard, George E., Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Glass working apparatus and forming glassware. 2,047,507; July 14.
- Howard, Giles P. E. (See Ivanoff, A., and Howard.)
- Howard, Guy C. (See Sandborn, L. T., Salvesen, and Howard.)
- Howard, Guy C., Company, et al. (See Sandborn, L. T., Salvesen and Howard, assignors.)
- Howard, Henry, Newport, R. I., assignor to The Dorr Company, Inc., New York, N. Y. Cooling of liquids. 2,064,833; Dec. 22.
- Howard, Henry S., Piedmont, assignor of one-half to J. V. Manners, Oakland, Calif. Container. 2,034,469; Mar. 17.
- Howard Hosiery Company. (See Tait, Francis, Jr., assignor.)
- Howard, Ivan C. (See Sechrist, R. H., and Howard.)



- Howard, James H., Houston, assignor to J. H. McEvoy & Company, Sherman, Tex. Tubing support. 2,031,654; Feb. 25.
- Howard, James H., assignor to J. H. McEvoy & Company, Houston, Tex. Set shoe seal and setting tool. 2,051,713; Aug. 18.
- Howard, James H., and Y. L. Markins, Houston, Tex., assignors to J. H. McEvoy & Company. Well head insert. 2,034,101; Mar. 17.
- Howard, John H. (See Wright, J. C., and Howard.)
- Howard, John H., Huntington Park, Calif. Well drilling tool. 2,054,255; Sept. 15.
- Howard, John H., Huntington Park, assignor to Globe Oil Tools Company, Los Nietos, Calif. Valve for core barrels. 2,035,887; Mar. 31.
- Howard, John H., Huntington Park, assignor to Globe Oil Tools Company, Los Nietos, Calif. Well reamer. 2,035,888; Mar. 31.
- Howard, John H., Huntington Park, assignor to Globe Oil Tools Company, Los Nietos, Calif. Well drilling tool. 2,041,303; June 16.
- Howard, John H., Huntington Park, assignor to Globe Oil Tools Company, Los Nietos, Calif. Disk bit. 2,047,559; July 14.
- Howard, John H., Huntington Park, assignor to Globe Oil Tools Company, Los Nietos, Calif. Rock drill bit. 2,051,525; Aug. 18.
- Howard, John H., Huntington Park, assignor to Globe Oil Tools Company, Los Nietos, Calif. Core removing plunger. 2,054,254; Sept. 15.
- Howard, John H., Huntington Park, and A. C. Catland, Alhambra, assignors to Globe Oil Tools Company, Los Nietos, Calif. Core catcher. 2,030,297; Feb. 11.
- Howard, John H., Huntington Park, and A. C. Catland, Alhambra, said Catland assignor to Globe Oil Tools Company, Los Nietos, Calif. Core drill head. 2,030,298; Feb. 11.
- Howard, John H., Huntington Park, and W. H. Maxwell, Beverly Hills, assignors to Globe Oil Tools Company, Los Nietos, Calif. Core drill. 2,038,791; Apr. 28.
- Howard, John H., Huntington Park, and A. C. Catland, Alhambra, assignors to Globe Oil Tools Company, Los Nietos, Calif. Core drill. 2,038,792; Apr. 28.
- Howard, John H., Huntington Park, and J. C. Wright, Los Angeles, assignors to Globe Oil Tools Company, Los Nietos, Calif. Well core drills. 2,038,793; Apr. 28.
- Howard, John H., Huntington Park, and A. C. Catland, Alhambra, assignors to Globe Oil Tools Company, Los Nietos, Calif. Core drill. 2,058,154; Oct. 20.
- Howard, John H., Huntington Park, and A. C. Catland, Alhambra, assignors to Globe Oil Tools Company, Los Nietos, Calif. Well tool construction. 2,058,155; Oct. 20.
- Howard, John H., Huntington Park, and A. C. Catland, Alhambra, said Catland assignors to Globe Oil Tools Company, Los Nietos, Calif. Core drill head. 2,058,156; Oct. 20.
- Howard, John H., Huntington Park, assignor to Globe Oil Tools Company, Los Nietos, Calif. Well bit. 2,061,657; Nov. 24.
- Howard, John H., Huntington Park, Calif. Core recovering means. 2,063,437; Dec. 8.
- Howard, John R., and B. Biggers, Concord, N. C. Fishing rod. 2,029,484; Feb. 4.
- Howard, Jules, New Rochelle, N. Y., and S. E. Richeson, Jersey City N. J. Foam controlling beer faucet. 2,028,283; Jan. 21.
- Howard, Karl S., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Tank car. 2,032,212; Feb. 25.
- Howard, Karl S., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway motor truck. 2,042,177; May 26.
- Howard, Leslie E., Lockport, N. Y., assignor to Simonds Saw and Steel Company, Fitchburg, Mass. Method of and apparatus for making composite ingots. 2,056,673; Oct. 6.
- Howard, Melvin W., Toledo, assignor to S. O. Richardson, III, Perrysburg, Ohio. Slat for Venetian blinds. 2,053,220; Sept. 1.
- Howard, Merton W., assignor to Pope Machinery Corporation, Haverhill, Mass. Heel turning machine. 2,062,416; Dec. 1.
- Howard, Norman, Andover, assignor to Atkinson, Haserick & Co., Boston, Mass. Cleaner for the top comb of combing machines. 2,052,531; Aug. 25.
- Howard, Paul N., Seattle, Wash. Ironing board. 2,048,070; July 21.
- Howard, Priscilla, Alameda, Calif. Breast supporter. 2,041,066; May 19.
- Howard Radio Company. (See Riley, Joseph F., assignor.)
- Howard Safety Window, Inc. (See Buchach, Edward M., assignor.)
- Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,040,436; May 12.
- Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,045,230; June 23.
- Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Paraffin bag. 2,048,122; July 21.
- Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Wrapped package. 2,048,123; July 21.
- Howard, Thomas W., and A. E. Hagan, Hannibal, Mo. Plowshare with detachable point. 2,062,811; Dec. 1.
- Howard, Van Buren A. (See Suttentfield, W. H., York, and Howard.)
- Howard, William R., assignor to U. C. T. Corporation, Washington, D. C. Manufacture of cellophane bags. 2,027,643; Jan. 14.
- Howard, William R., Washington, D. C., assignor to Universal Oil Products Company, Chicago, Ill. Converting petroleum oil. 2,046,898; July 7.
- Howard, William R., Washington, D. C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Converting petroleum oil. 2,046,899; July 7.
- Howarth, Frank A., Laurelton, N. Y. Tip for cigarettes. 2,045,601; June 30.
- Howarth, Harry A. S., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Leveling washer and thrust bearing cage. 2,037,326; Apr. 14.
- Howarth, Harry A. S., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Thrust bearing. 2,050,887; Aug. 11.
- Howarth, Harry A. S., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Combined thrust and radial bearing. 2,054,219; Sept. 15.
- Howarth, Harry A. S., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Bearing. 2,061,966; Nov. 24.
- Howarth, William. (See Hale, F. C., and Howarth.)
- Howat, Clarence W., Pittsburgh, assignor to Pittsburgh Steel Foundry Corporation, Glassport, Pa. Fluted slag pot. 2,047,473; July 14.
- Howe, Andrew F., University City, Mo. Centrifugal driving mechanism. 2,043,661; June 9.
- Howe, Andrew F., University City, Mo. Centrifugal driving mechanism. 2,043,662; June 9.
- Howe, Andrew F., University City, Mo. Centrifugal driving mechanism. 2,043,663; June 9.
- Howe, Andrew F., University City, assignor to United Wood Heel Company, St. Louis, Mo. Machine for making wood heels. 2,045,390; June 23.
- Howe, Benjamin, trustee. (See Parsons, Frederick L., assignor.)
- Howe, Dwight B., Duncan, Okla. Oil well casing pump. 2,062,058; Nov. 24.
- Howe, Joseph B., Worcester, assignor to Geo. S. Harwood & Son, Boston, Mass. Automatic weighing machine. 2,028,544; Jan. 21.
- Howe, Joseph B., Worcester, assignor to Geo. S. Harwood & Son, Boston, Mass. Weighing mechanism. 2,028,545; Jan. 21.
- Howe, Lewis, East Angus, Quebec, Canada. Collapsible winder shaft. 2,036,754; Apr. 7.
- Howe Manufacturing Company. (See Harrington, James R., assignor.)
- Howe, Myron E., Portland, Oreg. Amphibious surfboat. 2,049,702; Aug. 4.
- Howe, Paul D., and S. L. Batchelder, San Jose, Calif. Saw. 2,064,261; Dec. 15.
- Howe, Paul J., Ridgewood, N. J., R. T. Hamlett, New York, N. Y., and M. A. Rudd, North Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. High speed composite system. 2,060,574; Nov. 10.
- Howe, Ralph W., Dallas, R. E. Love, Lufkin, and J. H. Wood, Jr., Dallas, Tex., assignors to Atlantic Pipe Line Company, Dallas, Tex. Apparatus for cleaning pipe lines. 2,028,779; Jan. 28.
- Howe, Thorndike D., Jr., assignor to Solescope Incorporated, Boston, Mass. Charting and cutting material. 2,055,234; Sept. 22.
- Howe, Wallace L., West Boylston, assignor to Norton Company, Worcester, Mass. Grinding wheel and making the same. 2,034,721; Mar. 24.
- Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Railway car retarder control system. 2,038,112; Apr. 21.
- Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking machine for railroads. 2,042,659; June 2.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Motion picture camera and the like. 2,028,608; Jan. 21.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Photographic film magazine. 2,032,213; Feb. 25.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Photographic film magazine, spool, and film therefor. 2,032,214; Feb. 25.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Strip feed mechanism. 2,039,906; May 5.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Photographic printing machine. 2,043,853; June 9.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Photographic printing machine. 2,047,474; July 14.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Reel and spindle mount therefor. 2,055,626; Sept. 29.
- Howell, Albert S., and B. Stechbart, assignors to The Bell & Howell Company, Chicago, Ill. Incandescent electric lamp cooling means. 2,048,214; July 21.
- Howell, Ben, and C. B. Hansen, Napier, New Zealand. Ignition device for internal combustion engines. 2,032,986; Mar. 3.



- Howell, Charles A., assignor of one-third to T. Strawn, Chicago, Ill. Dispensing container for powdered products. 2,048,698; July 28.
- Howell, Delta B., Murphysboro, Ill. Glazing apparatus. 2,041,765; May 26.
- Howell Electric Motors Company. (See Albert, Ralph K., assignor.)
- Howell, Henry W., Santa Barbara, Calif. Wall construction. 2,050,609; Aug. 11.
- Howell, Hugh, et al. (See Leslie, Thomas L., assignor.)
- Howell, Kenneth B., Milwaukee, Wis. Pressure control device. 2,051,299; Aug. 18.
- Howell, Richard W., assignor to Dennison Manufacturing Company, Framingham, Mass. Tag fastener. 2,054,256; Sept. 15.
- Howell, Roger S., Atlanta, Ga. Ironing machine. 2,047,560; July 14.
- Howes, Donald A., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Fuel oil. 2,054,628; Sept. 15.
- Howes, Donald A., Norton-on-Tees, England, assignor to Imperial Chemical Industries, Limited. Fuel oil. 2,065,588; Dec. 29.
- Howes, Raymond T., Long Beach, assignor, by mesne assignments, to Brucite Processes, Inc., Los Angeles, Calif. Neutralization. 2,047,475; July 14.
- Howes, S., Co. Inc. (See Barbeau, Alexis C., assignor.)
- Howey, Walter, New York, N. Y. Photo-electric intaglio and relief engraving system. 2,029,103; Jan. 28.
- Howey, Walter, New York, N. Y. Engraving process and etching resist. 2,062,028; Nov. 24.
- Howie, Kenneth, assignor to Wildman Mfg. Co., Norristown, Pa. Method and apparatus for turning welts of full fashioned stocking machines. 2,036,143; Mar. 31.
- Howie, Kenneth, assignor to Wildman Mfg. Co., Norristown, Pa. Spring needle knitting machine and individual presser therefor. 2,036,144; Mar. 31.
- Howie, William H. (See Worrall, B. Walter I., assignor.)
- Howison, Robert J., Philadelphia, Pa., assignor to The Whitney Chain & Mfg. Company, Hartford, Conn. Conveyor chain. 2,045,912; June 30.
- Howison, Robert J., Philadelphia, Pa., assignor to The Whitney Chain & Mfg. Company. Conveyor chain. 2,057,950; Oct. 20.
- Howland, Edgar G., Park Ridge and F. E. Payne, Glencoe, Ill., assignors to Crane Packing Company. Plastic packing composition. 2,041,835; May 26.
- Howland, Herbert H., Jeffersonville, Ind. Illuminated case for toilet articles. 2,045,013; June 23.
- Howland, Louis H., Nutley, N. J., assignor to United States Rubber Products, Inc., New York, N. Y. Vulcanization of rubber. 2,065,587; Dec. 29.
- Howland, Owen L., Chicago, Ill., assignor to Una Welding, Inc., Cleveland, Ohio. Welding rod or wire. 2,042,899; June 2.
- Howland-Shearman, Charles H., Hamden, Conn. Causing cold flow in substances. 2,039,840; May 5.
- Howland-Shearman, Charles H., Hamden, Conn. Method for working substances. 2,039,841; May 5.
- Howland-Shearman, Charles H., Hamden, Conn. Machine tool. 2,039,842; May 5.
- Howland-Shearman, Charles H., Hamden, Conn. Work supporting table. 2,039,843; May 5.
- Howland-Shearman, Charles H., Hamden, Conn. Power transmitting machinery. 2,039,844; May 5.
- Howland-Shearman, Charles H., Hamden, Conn. Synchronizing flywheel and gear drives. 2,039,845; May 5.
- Howland-Shearman, Charles H., Hamden, Conn. Clutch. 2,039,846; May 5.
- Howland-Shearman, Charles H., Hamden, Conn. Work head. 2,039,847; May 5.
- Howland-Shearman, Charles H., Hamden, Conn. Adjustable micrometer crank. 2,039,848; May 5.
- Howland-Shearman, Charles H., Hamden, Conn. Tool head. 2,039,849; May 5.
- Howland, Thomas J., Long Branch, N. J. Swimming device. 2,042,152; May 26.
- Howland, Winthrop P., Pacific Beach, Calif. Animal trap. 2,059,238; Nov. 3.
- Howlett, Grayle W., Evanston, Ill., and W. E. Hall, Hillside, N. J., assignors to The Egyptian Lacquer Manufacturing Company, New York, N. Y. Temporary protective coating. 2,046,747; July 7.
- Howorth, Harmon. (See Williams, F. J., and Howorth.)
- Howse, Curtis L. (See Brelsford, H. E., Howse, and Bowers.)
- Howze, William D. (See Robinson, R. R., and Rick, assignors.)
- Hoxie, Merrill C., Bridgeport, Conn., assignor to General Electric Company. Reduction drive mechanism. 2,030,700; Feb. 11.
- Hoy, John E., and L. Brown, assignors to The Dow Chemical Company, Midland, Mich. Casting light metal. 2,045,913; June 30.
- Hoyer, Frederic J., assignor of one-third to F. E. Frankel and five per cent to M. B. Sullivan, Pittsburgh, Pa. Automobile rim. 2,032,987; Mar. 3.
- Hoyer, Otto, assignor to Bentley, Murray & Co., Chicago, Ill. Ticket dispensing machine. 2,034,904; Mar. 24.
- Hoyle, Ernest, Woodside, N. Y. Ink fountain. 2,042,943; June 2.
- Hoyle, Joseph L., Hartford, Conn. Fountain pen. 2,044,792; June 23.
- Hoyles, Earl L. (See Balogh, Andrew M., assignor.)
- Hoyt, Hazen L., Great Neck, N. Y. Bilge barrel. 2,037,025; Apr. 14.
- Hoyt, Leroy W., Stamford, Conn. Humidifier. 2,045,653; June 30.
- Hoyt, Richard H., Los Angeles, Calif. Holster. 2,037,132; Apr. 14.
- Hoyt, Simes T., and R. M. Botley, assignors to Hawaiian Pineapple Company, Limited, Honolulu, Hawaii. Extracting juice from pineapple meat. 2,045,856; June 30.
- Hoza, William J., Hartford, Conn. Tripod. 2,054,600; Sept. 15.
- Hrdina, Rudolf, Cerveny Kostelec, Czechoslovakia. Weaving loom. 2,027,776; Jan. 14.
- Hrivnak, Andrew, Cleveland, Ohio. Needle threader. 2,042,403; May 26.
- Hruska, Rudolph, Budapest, Hungary. Production of the explanatory titles for the pictures on cinematographic films. 2,051,603; Aug. 18.
- Hubbard, Beverly R., Melrose, assignor to Submarine Signal Company, Boston, Mass. Method and apparatus for the determination of direction of a source of wave energy. 2,040,850; May 19.
- Hubbard, Bruce W., Oak Park, assignor to Ideal Roller & Manufacturing Co. Inc., Chicago, Ill. Surfacing of inking rolls. 2,063,037; Dec. 8.
- Hubbard, Cecil R., assignor to The Garlock Packing Company, Palmyra, N. Y. Machinery packing. 2,049,063; July 28.
- Hubbard, Cecil R., assignor to The Garlock Packing Company, Palmyra, N. Y. Armored machinery packing. 2,066,270; Dec. 29.
- Hubbard and Company. (See Hoher, A. A., and Lasher, assignors.)
- Hubbard & Company. (See Hoher, A. A., and Manson, assignors.)
- Hubbard and Company. (See Hoher, Andrew A., assignor.)
- Hubbard, Francis A., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Mechanical repeater circuits. 2,033,242; Mar. 10.
- Hubbard, Fred, Anniston, Ala. Sewing machine attachment. 2,053,032; Sept. 1.
- Hubbard Heel Company, Inc. (See Hubbard, William, assignor.)
- Hubbard, John R., assignor to Peter Cooper Corporations, Gowanda, N. Y. Waterproofing composition and process. 2,043,324; June 9.
- Hubbard, Karl H., assignor to Taylor Instrument Companies, Rochester, N. Y. Electrical controlling system. 2,035,602; Mar. 31.
- Hubbard, Karl H., assignor to Taylor Instrument Companies, Rochester, N. Y. Regulator. 2,040,743; May 12.
- Hubbard, Karl H., assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 2,043,583; June 9.
- Hubbard, Karl H., assignor to Taylor Instrument Companies, Rochester, N. Y. Air-operated control system. 2,065,702; Dec. 29.
- Hubbard, Karl H., assignor to Taylor Instrument Companies, Rochester, N. Y. Temperature responsive device. 2,065,703; Dec. 29.
- Hubbard, Karl H., and R. E. Clarridge, assignors to Taylor Instrument Companies, Rochester, N. Y. Regulator. 2,035,966; Mar. 31.
- Hubbard, William A., Minneapolis, Minn. Nozzle for oil or other liquid. 2,062,362; Dec. 1.
- Hubbard, William, Oppenheim, assignor to Hubbard Heel Company, Inc., Dolgeville, N. Y. Making separate built-up heels. 2,050,531; Aug. 11.
- Hubbelling, Johan D. W., assignor to American Enka Corporation, Enka, N. C. Manufacture of artificial silk. 2,044,432; June 16.
- Hubbell, Daniel D., Columbus, Ohio, assignor to Optical Research Corporation, New York, N. Y. Ophthalmic lens and making the same. 2,037,327; Apr. 14.
- Hubbell, Daniel D., Columbus, Ohio, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Multifocal ophthalmic lens blank and lens and making the same. 2,045,654; June 30.
- Hubbell, Dean S., assignor to H. H. Robertson Company, Pittsburgh, Pa. Cementitious material. 2,058,984; Oct. 27.
- Hubbell, Dean S., assignor to H. H. Robertson Company, Pittsburgh, Pa. Cement. 2,058,985; Oct. 27.
- Hubbell, Dean S., assignor to H. H. Robertson Company, Pittsburgh, Pa. Cementitious material. 2,058,986; Oct. 27.
- Hubbell, Dean S., assignor to H. T. Robertson Company, Pittsburgh, Pa. Cementitious material. 2,058,987; Oct. 27.
- Hubbell, Harvey, Incorporated. (See Von Holtz, Charles T., assignor.)
- Hubbell, Harvey, Jr., Bridgeport, Conn. Vaporproof mounting for receptacles. 2,037,026; Apr. 14.
- Hubbell, Harvey, Jr., Bridgeport, Conn. Gripping receptacle. 2,043,247; June 9.
- Hubbell, Harvey, Jr., Bridgeport, Conn. Duplex receptacle. 2,051,856; Aug. 25.
- Hubbell, Harvey, Jr., Bridgeport, Conn. Electric pull socket. 2,051,857; Aug. 25.
- Hubbell, Harvey, Jr., Bridgeport, Conn. Timing mechanism for operating switches. 2,056,193; Oct. 6.
- Hubbell, Harvey, Jr., Bridgeport, Conn. Outlet receptacle. 2,057,683; Oct. 20.
- Hubbell, Harvey, Jr., Bridgeport, Conn. Attachment plug cap. 2,063,038; Dec. 8.



- Hubbell, Harvey, Inc. (See Tiffany, Frank J., assignor.)  
 Hubbell, Jesse P., Fanwood, N. J. Lawn sprinkler. 2,034,515; Mar. 17.
- Hubbert, Leslie S., Edison, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Hydraulic compress. 2,061,658; Nov. 24.
- Hubbich, Leo P. (See Alvarado, A. M., Flint, and Hubbuch.)
- Hubbich, Theodore N., and W. G. O'Toole, Louisville, Ky. Heat transfer coil. 2,039,593; May 5.
- Huber, Charles J. (See Reinartz, J. L., and Huber.)
- Huber, Charles S., Davenport, Iowa. Trammel for animals. 2,043,410; June 9.
- Huber, Charlotte, New York, N. Y. Inflatable umbrella. 2,049,380; July 28.
- Huber, Erard W., assignor to Crouse-Hinds Company, Syracuse, N. Y. Cycle timer. 2,047,127; July 7.
- Huber, George H. (See Chesnut, R. W., Crane, and Huber.)
- Huber, Herman J., Brookline, Pa., assignor to General Electric Company. Electrical switchgear. 2,063,875; Dec. 8.
- Huber, Jakob, Zurich, Switzerland. Group table slide. 2,064,749; Dec. 15.
- Huber Manufacturing Company, The. (See Galleher, Lewis C., assignor.)
- Huber, W. G. (See Christensen, Marinus, assignor.)
- Huber, Walter and H. O. Roosenstein, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Tuning arrangement for radio receiving sets. 2,060,216; Nov. 10.
- Huber, Wilhelm. (See Felix, F., and Huber.)
- Huber, Wilhelm. (See Felix, F., Bommer, and Huber.)
- Hubert, Charles A., Strasbourg, France. Heat exchanging apparatus. 2,049,117; July 28.
- Hubert, Emil, Dessau-Ziebigk, and A. Matthes, Dessau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of artificial silk. 2,042,787; June 2.
- Hubert, Emil, Dessau-Ziebigk, and H. Hecht, Dessau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of shaped articles from viscose. 2,064,915; Dec. 22.
- Huberti, John A., and H. J. Lawrence, said Huberti assignor to Stromberg Motoscope Corporation, Chicago, Ill. Hydrometer. 2,037,328; Apr. 14.
- Hublik, Edward J. (See Dubil, William J., assignor.)
- Hübner, Frieda, née Hildebrandt, Hamburg, Germany. Holding device for collar studs. 2,054,379; Sept. 15.
- Huck, Louis C., Grosse Pointe Village, assignor to Huxon Holding Corporation, Detroit, Mich. Rivet and setting the same. 2,030,165; Feb. 11.
- Huck, Louis C., Grosse Pointe, assignor to Huxon Holding Corporation, Detroit, Mich. Rivet and setting the same. 2,030,166; Feb. 11.
- Huck, Louis C., Grosse Pointe, assignor to Huxon Holding Corporation, Detroit, Mich. Rivet. 2,030,169; Feb. 11.
- Huck, Louis C., Grosse Pointe, assignor to Huxon Holding Corporation, Detroit, Mich. Rivet. 2,030,170; Feb. 11.
- Huck, Louis C., Detroit, Mich., assignor to Huxon Holding Corporation. Manufacturing rivets. 2,030,171; Feb. 11.
- Huck, Louis C., Buchanan, assignor to Huxon Holding Corporation, Detroit, Mich. Making rivets. 2,040,939; May 19.
- Huck, Louis C., Grosse Pointe Village, assignor to Huxon Holding Corporation, Detroit, Mich. Rivet setting machine. 2,053,716; Sept. 8.
- Huck, Louis C., Grosse Pointe, assignor to Huxon Holding Corporation, Detroit, Mich. Riveting machine. 2,053,720; Sept. 8.
- Huck, Louis C., Grosse Pointe Village, and R. A. Miller, assignors to Huxon Holding Corporation, Detroit, Mich. Rivet setting machine. 2,053,717; Sept. 8.
- Huck, Louis C., Grosse Point Village, and G. T. Chapman, assignors to Huxon Holding Corporation, Detroit, Mich. Rivet setting machine. 2,053,718; Sept. 8.
- Huck, Louis C., Grosse Pointe Village, and G. T. Chapman, W. E. Morris, and R. A. Miller, assignors to Huxon Holding Corporation, Detroit, Mich. Rivet setting machine. 2,053,719; Sept. 8.
- Huck, Louis C., Grosse Pointe Village, and W. E. Morris, assignors to Huxon Holding Corporation, Detroit, Mich. Manufacturing rivets. 2,054,629; Sept. 15.
- Huck, Louis C., Grosse Pointe Village, assignor to Huxon Holding Corporation, Detroit, Mich. Riveted structure and making the same. 2,061,628; Nov. 24.
- Huck, Louis C., Grosse Pointe Village, assignor to Huxon Holding Corporation, Detroit, Mich. Rivet. 2,061,629; Nov. 24.
- Huck, William F. (See Higgins, G. H., and Huck.)
- Huck, William F., Richmond Hill, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Printing plate shaving machine. 2,040,437; May 12.
- Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y.; Irving Trust Company, permanent trustee. Mold for casting stereotype plates. 2,047,103; July 7.
- Huck, William F., Richmond Hill, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Securing printing plates to the cylinders of printing machines. 2,050,950; Aug. 11.
- Huck, William F., Richmond Hill, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Sheet registering and feeding mechanism. 2,054,818; Sept. 22.
- Huck, William F., Richmond Hill, N. Y., and I. A. Hunting, South Plainfield, N. J., assignors, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Printing cylinder. 2,051,858; Aug. 25.
- Huck, William F., Richmond Hill assignor, by mesne assignments to R. Hoe & Co., Inc., New York, N. Y. Machinery for trimming printing plates. 2,056,968; Oct. 13.
- Huck, William F., Richmond Hill, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Mold for casting stereotype printing plates. 2,064,117; Dec. 15.
- Hucke, Charles H., St. Louis, Mo. Window shade supporting structure. 2,052,828; Sept. 1.
- Hucks, Robert T., South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of coating compositions. 2,052,470; Aug. 25.
- Hucks, Robert T., South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative coating composition. 2,064,608; Dec. 15.
- Huddle, Edwin F., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Grain binder. 2,045,144; June 23.
- Huddleston, Charles E., deceased, Fullerton, and M. S. Black, Huntington Park, J. S. Huddleston, administratrix of said C. E. Huddleston, assignors to W. H. Maxwell, Beverly Hills, Calif. Jarring tool. 2,065,135; Dec. 22.
- Huddleston, Clyde E., Wilmington, Calif. Card writing machine. 2,035,071; Mar. 24.
- Huddleston, Julian, Los Angeles, Calif. Carrier mounting and operating means. 2,040,610; May 12.
- Huddleston, Julia S., administratrix. (See Huddleston, C. E., and Black.)
- Hudeley, Victor, Clichy, and J. Lagrave, Paris, France. Color cinematography. 2,030,795; Feb. 11.
- Hudepohl, Fred H. (See Krueger, F. G., and Hudepohl.)
- Hudlow, Clair W., Washington, D. C. Inclinator. 2,026,895; Jan. 7.
- Hudson, Charles N., Bremerton, Wash. Excavator. 2,046,874; July 7.
- Hudson, David W., Green Bay, Wis. Ventilated and humidified storage receptacle. 2,028,330; Jan. 21.
- Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Apparatus for tensioned cold rolling in reversible mills. 2,054,819; Sept. 22.
- Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Controlled tension rolling in tandem cold mills. 2,054,820; Sept. 22.
- Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Automatic shear gauge for cambered strip. 2,056,194; Oct. 6.
- Hudson, Frank M., Walnut Park, assignor to Pacific Pump Works, Ltd., Huntington Park, Calif. Tubing seal for reciprocating pumps. 2,064,429; Dec. 15.
- Hudson, Frank W., Cleveland, Ohio. Pliable electrical fitting. 2,037,630; Apr. 14.
- Hudson, James H. (See Sheppard, S. E., and Hudson.)
- Hudson, Joseph E., Baker, Oreg. Gripper for printing presses. 2,035,164; Mar. 24.
- Hudson, Lucy B., Cleveland, Tenn. Cuspidor for autos. 2,033,522; Mar. 10.
- Hudson Motor Car Company. (See Baits, Stuart G., assignor.)
- Hudson Motor Car Company. (See Greig, James W., assignor.)
- Hudson Motor Car Company. (See Whisler, R. H., and Nicholas, assignors.)
- Hudson Sharp Machine Company. (See Schueler, Frederick C., assignor.)
- Hudson, Vesta B. (See Hudson, Wayne W., assignor.)
- Hudson, Wayne W., Sheridan, Mich., assignor to Vesta B. Hudson. Dispensing apparatus. 2,061,379; Nov. 17.
- Hudson, Walter R., Charleston, W. Va., assignor to Owens-Illinois Glass Company. Multiple tongs. 2,051,481; Aug. 18.
- Hudson, Wilbur A., Indiana Harbor, Ind. Sifter. 2,036,942; Apr. 7.
- Hudson, William J., Wilksburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Relay and relay system. 2,046,748; July 7.
- Hueber, Henry. (See Horton, E. C., and Hueber.)
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Pump. 2,032,320; Feb. 25.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Accessory system for motor vehicles. 2,032,321; Feb. 25.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Horn system. 2,039,717; May 5.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,059,354; Nov. 3.
- Huebner, Heinrich. (See Barthel, Hans, assignor.)
- Huebner, Samuel A., Forest Junction, Wis. Tire spreader. 2,042,312; May 26.



- Huebner, William C., Chicago, Ill. Printing element and making same. 2,042,003; May 26.
- Huebner, William C., New York, N. Y. Printing. 2,065,186; Dec. 22.
- Huebsch Manufacturing Company. (See Heubsch, M. F., and Pearson, assignors.)
- Huebsch, Monte F., and P. M. Pearson, assignors to Huebsch Manufacturing Company, Milwaukee, Wis. Clothes drying apparatus. 2,048,743; July 28.
- Hueglin, Herman C., assignor to Federal Merchandise Company, Chicago, Ill. Fan. 2,035,479; Mar. 31.
- Huelsbeck, Della M. (See White, L. J., and Munn, assignors.)
- Huelsdonk, August C., Seattle, Wash. Studio easel. 2,059,525; Nov. 3.
- Huenefeld Company, The. (See Huenefeld, Walter E., assignor.)
- Huenefeld, Walter E., assignor to The Huenefeld Company, Cincinnati, Ohio. Range cover. 2,050,532; Aug. 11.
- Huenergardt, Clarence H., Cicero, Ill., assignor to R. T. Moloney, Chicago, Ill. Pin ball game. 2,035,748; Mar. 31.
- Huenlich, Charles, Bloomfield, assignor to Thomas A. Edison, Incorporated, West Orange, N. Y. Phonographic apparatus. 2,042,228; May 26.
- Huet, Albert, Jamioulx, Belgium. Voltage regulator. 2,041,643; May 19.
- Huet, André, Paris, France, assignor to The Superheater Company, New York, N. Y. Superheater. 2,046,383; July 7.
- Hueter, Richard. (See Schrauth, W., and Hueter.)
- Hueter, Richard, Haus Waldfrieden, Rossau-Anhalt, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Fatty substances soluble in concentrated alkaline baths. 2,050,969; Aug. 11.
- Hueter, Richard, Rossau-Anhalt, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Emulsification process. 2,054,257; Sept. 15.
- Hueter, Richard, Haus Waldfrieden, Rossau-in-Anhalt, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Treatment of starches. 2,056,104; Sept. 29.
- Huettnier, Rudolf, Oppau, and G. Wietzel, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of hydrogen and preparation of catalysts therefor. 2,038,566; Apr. 28.
- Huey, Richard K. (See Moss, Cleveland O., assignor.)
- Huff, Edward S., assignor to Ford Motor Company, Dearborn, Mich. Balancing machine. 2,057,778; Oct. 20.
- Huff, George W., Keokuk, Iowa. Safety steering device. 2,052,094; Aug. 25.
- Huff, Leslie R., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Rotary compressor. 2,027,594; Jan. 14.
- Huff, Leslie R., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Oiling device. 2,050,533; Aug. 11.
- Huff, Lyman C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,037,238; Apr. 14.
- Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,039,797; May 5.
- Huff, Lyman C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,063,505; Dec. 8.
- Huff, Lyman C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,064,834; Dec. 22.
- Huff Rodless Pump Company. (See Huff, Walter N., assignor.)
- Huff, Thomas H., Philadelphia, Pa. Pneumatic vacuum cleaner. 2,055,577; Sept. 29.
- Huff, Thomas H., Philadelphia, Pa. Jet pump. 2,061,032; Nov. 17.
- Huff, Walter N., Harwood, Tex., assignor to Huff Rodless Pump Company. Pump. 2,058,455; Oct. 27.
- Huffaker, Neal M. (See Pitzer, Mose B., assignor.)
- Hufferd, George H., Detroit, Mich., assignor to Thompson Products Incorporated, Joint. 2,037,786; Apr. 21.
- Hufferd, George H., Detroit, Mich., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Threaded joint. 2,049,163; July 28.
- Hufferd, George H., Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Joint and making same. 2,054,082; Sept. 15.
- Hufferd, George H., Detroit, Mich., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Ball bearing joint. 2,065,589; Dec. 29.
- Hufferd, George H., and D. H. Newey, Detroit, Mich., assignors to Thompson Products, Incorporated, Cleveland, Ohio. Steering unit joint. 2,049,502; Aug. 4.
- Huffine, Kenneth W., Alexandria, Ind. Roll forming device. 2,057,191; Oct. 13.
- Huffine, Robert L. (See Bartschi, A. G., and Huffine.)
- Huffman, Dean D., Vaughnsville, Ohio, and W. L. Shively, East Orange, N. J., assignors to The Koppers Company of Delaware. Treatment of gas. 2,055,496; Sept. 29.
- Huffman, John R. (See Seaman, W., and Huffman.)
- Huffman, Louis, assignor to Toronto Type Foundry Company, Limited, Toronto, Ontario, Canada. Manifolding unit. 2,060,318; Nov. 10.
- Huffman, Mervin C., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,047,965; July 21.
- Huffman, Mervin C., Claremont, N. H., assignor to Sullivan Machinery Company. Impact tool. 2,055,898; Sept. 29.
- Huffman, Mervin C., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,061,908; Nov. 24.
- Huffman, Otto V., Bedford Hills, N. Y. Antiparasitic agent and agency. 2,028,217; Jan. 21.
- Huffman, Russell I., Strasburg, assignor to Dover Manufacturing Company, Dover, Ohio. Sadiron shell and rest construction. 2,039,222; Apr. 28.
- Huffstutter, John W., Pitcairn, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,039,080; Apr. 28.
- Hufschmid, Alfred, Zurich, Switzerland. Supporting device for telephone receivers. 2,048,865; July 28.
- Hug, Ernst, Neu-Allschwil, near Basel, and M. Müller, Basel, assignors to Durand & Huguenin S. A., Basel, Switzerland. Mordant disazo-dyestuffs and their manufacture. 2,027,777; Jan. 14.
- Hug, William, Clifton, N. J. Carrier rod operating mechanism. 2,054,700; Sept. 15.
- Hug, William, Clifton, N. J. Carrier rod operating mechanism. 2,065,922; Dec. 29.
- Hugenroth, Norbert R., Marquette, Mich. Fishing line guide. 2,038,175; Apr. 21.
- Huggett, Jack L. (See Stratford, R. K., and Huggett.)
- Huggins, Bon, Greenville, S. C. Stabilizing device for picker sticks. 2,027,691; Jan. 14.
- Huggins, Leroy G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,062,054; Nov. 24.
- Hugh, Percy G. (See North, O. D., and Hugh.)
- Hughes, Charles H., Glen Ridge, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Water gas set. 2,064,005; Dec. 15.
- Hughes, Charles H., Glen Ridge, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Carburetor for carbureted water gas sets. 2,064,006; Dec. 15.
- Hughes, Charles H., Glen Ridge, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Making carbureted water gas. 2,064,008; Dec. 15.
- Hughes, Dow B. (See Thompson, H. G., and Hughes.)
- Hughes, Edward M. (See Terrell, H. T., Hughes, and Carter.)
- Hughes, Edward R., Morristown, N. J., assignor to The Harvel Corporation. Expelling the liquid of cashew nut shells by heat. 2,058,456; Oct. 27.
- Hughes, Frederick G., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing and seal. 2,029,072; Jan. 28.
- Hughes, Frederick G., Bristol, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Bearing and bearing mounting. 2,037,982; Apr. 21.
- Hughes, Howard R., Oakland, Calif. Squeezer for collapsible tubes. 2,043,248; June 9.
- Hughes, Hugh T., assignor of fifty per cent to F. W. Gokes, Cleveland, Ohio. Rubber heel. 2,049,840; Aug. 4.
- Hughes, James D., Houston, Tex., assignor to Eastman Oil Well Survey Company. Open hole bridge and support. 2,050,970; Aug. 11.
- Hughes, James R., assignor to The Studebaker Corporation, South Bend, Ind. Vehicle body. 2,034,759; Mar. 24.
- Hughes, James W., assignor to Chrysler Corporation, Detroit, Mich. Power transmission mechanism. 2,037,787; Apr. 21.
- Hughes, James W., Grosse Pointe, Mich. Cabinet. 2,043,664; June 9.
- Hughes, James W., assignor to Chrysler Corporation, Detroit, Mich. Fabricated metal article and making same. 2,048,187; July 21.
- Hughes, John M., and J. H. Carter, Youngstown, Ohio, and E. E. Reagle, Sharon, Pa., assignors to Sharon Steel Corporation. Rolling copper strips and the like. 2,063,677; Dec. 8.
- Hughes, Joseph S., Los Angeles, Calif. Circular saw clamp. 2,060,319; Nov. 10.
- Hughes, Leslie E., Wichita Falls, Tex. Booster pump. 2,058,798; Oct. 27.
- Hughes, Louis T., Bronx, N. Y. Ink eradicator attachment for fountain pens. 2,046,022; June 30.
- Hughes-Mitchell Processes Incorporated. (See Mitchell, H. A., and Sessions, assignors.)
- Hughes-Mitchell Processes, Incorporated. (See Mitchell, Thomas A., assignor.)
- Hughes-Mitchell Processes, Incorporated. (See Mitchell, T. A., and Sessions, assignors.)
- Hughes-Mitchell Processes, Incorporated. (See Sessions, Royal L., assignor.)
- Hughes Tool Company. (See Berleth, Nelson B., assignor.)
- Hughes Tool Company. (See Evans, Seth, assignor.)
- Hughes Tool Company. (See Fletcher, Harold W., assignor.)
- Hughes Tool Company. (See Fletcher, H. W., and Neuhaus, assignors.)
- Hughes Tool Company. (See Garfield, Lewis E., assignor.)



- Hughes Tool Company. (See Garfield, L. E., and Scott, assignors.)
- Hughes Tool Company. (See McKellar, M. S., Sherman, and Fletcher, assignors.)
- Hughes Tool Company. (See Neuhaus, Ralph, assignor.)
- Hughes Tool Company. (See Schlumpf, Robert W., assignor.)
- Hughes Tool Company. (See Scott, Floyd L., assignor.)
- Hughes Tool Company. (See Scott, F. L., and Garfield, assignors.)
- Hughes Tool Company. (See Scott, F. L., and Schaeffer, assignors.)
- Hughes Tool Company. (See Sherman, Ralph P., assignor.)
- Hughes Tool Company. (See Woods, Gorham W., assignor.)
- Hughes, Wilber, Crow Summit, W. Va. Register for distributors of ignition systems. 2,066,111; Dec. 29.
- Hughes, William A., et al. (See Losier, George E., assignor.)
- Hughes, W. J., & Sons Co. (See Robinson, James E., assignor.)
- Hughes, Zachariah A., Houston, Tex. Blowout preventer. 2,035,319; Mar. 24.
- Hughey, Carter J., assignor to Eastman Kodak Company, Rochester, N. Y. Guiding arrangement for a document reproducing machine. 2,026,976; Jan. 7.
- Hughey, Carter J., assignor to Eastman Kodak Company, Rochester, N. Y. Indicating system for rolls of strip material. 2,033,713; Mar. 10.
- Hughey, Carter J., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic print drier. 2,058,457; Oct. 27.
- Hughey, Howard G. (See Ost, W. R., and Hughey.)
- Hughey, Howard G., Irvington, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Method and torch for burning liquid fuel. 2,031,163; Feb. 18.
- Huguenard, Eugene A., Paris, France, assignor to C. W. Penninger, Philadelphia, Pa., trustee. Sound record. 2,040,693; May 12.
- Huguenin, Albert, Zurich, Switzerland. Railway vehicle brake. 2,034,815; Mar. 24.
- Huguenin, Albert, Zurich, Switzerland. Wheel for vehicles running on rails. 2,034,816; Mar. 24.
- Huguenin, Albert, Zurich, Switzerland. Wheel mounting for rail vehicles. 2,049,118; July 28.
- Huhn, Edgar F. (See Hall, A. E. C., Eek, and Huhn.)
- Huhn, Gustav, Berlin-Tempelhof, Germany. Packing for the shafts of steam turbines. 2,044,692; June 16.
- Huhn, Gustav, Berlin-Tempelhof, Germany. Valve. 2,046,266; June 30.
- Huhn, Gustav, Berlin-Tempelhof, Germany. Packing for the shafts of high-pressure steam turbines. 2,060,374; Nov. 10.
- Huhn, John E. (See Strauss, A. J., and Huhn.)
- Huizeng, John D., Ridgewood, N. J., assignor to Century Ribbon Mills, Inc., New York, N. Y. Textile material. 2,035,480; Mar. 31.
- Hukill, William V., Clarendon, Va., dedicated to the free use of the Public. Device for measuring fluid velocity. 2,061,941; Nov. 24.
- Hula, Roger, Medford, Okla. Agriculture and industrial cab for tractors and similar machinery. 2,052,471; Aug. 25.
- Hulick, Henry. (See Massey, A., and Hulick.)
- Hull, David C., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose organic ester compositions containing a propionyl ester of glycerol. 2,029,925; Feb. 4.
- Hull, Dwight D., assignor of thirty-five per cent to R. V. Cornell, and ten percent to J. M. Ballard, Seattle, Wash. Telltale bottle. 2,040,381; May 12.
- Hull, Edwin H., Schenectady, N. Y., assignor to General Electric Company. Spinning spindle. 2,059,872; Nov. 3.
- Hull, Harold K., Columbus, Ohio. Projector. 2,037,416; Apr. 14.
- Hull, Harry B., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,036,755; Apr. 7.
- Hull, Harry B., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,036,756; Apr. 7.
- Hull, Harry B., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,037,417; Apr. 14.
- Hull, Harry B., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Compressor unit. 2,038,176; Apr. 21.
- Hull, Harry B., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,040,744; May 12.
- Hull, Harry B., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,051,604; Aug. 18.
- Hull, Harry B., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,058,458; Oct. 27.
- Hull, Harry B., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating system. 2,063,039; Dec. 8.
- Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,064,009; Dec. 15.
- Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,064,010; Dec. 15.
- Hull, Harry F., Cherokee, Iowa. Hydraulic transmission. 2,045,777; June 30.
- Hull, Harvard L. (See Wittkuhns, B. A., and Hull.)
- Hull, John B., Berkeley, Calif., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,042,101; May 26.
- Hull, Lloyd I., Milwaukee, Wis. Photometer. 2,029,170; Jan. 28.
- Hull, Sidney M., Western Springs, Ill. Composition for cleaning metal. 2,032,482; Mar. 3.
- Hull, Sidney M., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Making lead alloys. 2,058,231; Oct. 20.
- Hull, Washington. (See Brennan, E. A., and Hull.)
- Hulley, Albert, and W. J., New York, N. Y. Combined spring suspension and driving means for motor vehicles. 2,055,439; Sept. 22.
- Hulley, William J. (See Hulley, Albert, and W. J.)
- Hullinger, Charles K., receiver. (See Friermood, Charles L., assignor.)
- Hulme, Edith M., Brighton, England. Locking containers, conduits, and the like. 2,063,678; Dec. 8.
- Hulme, William. (See Singleton, W., Hulm, and Jones.)
- Hulberg, Walter O., et al. (See Leatherman, Clarence M., assignor.)
- Hulse, Arthur F., assignor to Sharpe Manufacturing Company, Los Angeles, Calif. Striping machine. 2,043,377; June 9.
- Hulse, George E., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Apparatus for making helical carbon piles. 2,030,211; Feb. 11.
- Hulse, George E., New Haven, Conn., and F. M. Brinckerhoff, Suffern, N. Y., assignors to The Safety Car Heating & Lighting Company. Refrigerator car. 2,055,537; Sept. 29.
- Hulse, James E., assignor of one-fourth to Wright's Automatic Tobacco Packing Machine Company, Durham, N. C. Hydraulic equalizing means for vehicle brakes. 2,054,752; Sept. 15.
- Hulshizer, George W., Stewartsville, assignor to Ingersoll-Rand Company, Jersey City, N. J. Blowing device. 2,034,699; Mar. 24.
- Hulshizer, George W., Stewartsville, assignor to Ingersoll-Rand Company, Jersey City, N. J. Rotation mechanism. 2,043,352; June 9.
- Hulshizer, George W., Stewartsville, assignor to Ingersoll-Rand Company, Jersey City, N. J. Chuck mechanism for rock drills. 2,058,988; Oct. 27.
- Hulslander, Ray D. (See McLaughlin, F. M., and Hulslander.)
- Hult, Lawrence, Reseda, Calif. Log splitting device. 2,042,401; May 26.
- Hult, Warner G. (See Koenig, E. E., and Hult.)
- Hultberg, Gottfried, Chicago, Ill., assignor to The Barrett Company, New York, N. Y. Process and apparatus for producing variegated roofing. 2,037,788; Apr. 21.
- Hultgren, Nils O. (See Gibson, J. M., and Hultgren.)
- Hultin, Oscar H., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Wrapping an article. 2,037,631; Apr. 14.
- Hulton, Charles S., assignor to The Kirk & Blum Manufacturing Company, Cincinnati, Ohio. Wall cooling method and means. 2,042,660; June 2.
- Hultquist, Charles A., Los Angeles, Calif., assignor to Independent Pneumatic Tool Co., Chicago, Ill. Valve mechanism for rock drills. 2,055,497; Sept. 29.
- Humath Co. (See Marshall, Henry H., Jr., assignor.)
- Humbard, Robert L., Lake Arrowhead, Calif. Doser. 2,044,945; June 23.
- Humber Limited. (See Dyer, Leslie L., assignor.)
- Humberstone, Joseph H. (See Miller, V., and Humberstone.)
- Humberstone, Joseph H., and V. Miller, Schenectady, N. Y., assignors to General Electric Company. Welding electrode. 2,053,956; Sept. 8.
- Humbert, Reuben L. (See Witzel, E. R., and Humbert.)
- Humble, Eugene A., Greensburg, assignor to Elliott Company, Pittsburgh, Pa. Method and apparatus for cooling liquids. 2,064,609; Dec. 15.
- Humblet, Joseph, Brussels, Belgium. Valve. 2,066,112; Dec. 29.
- Humby, Alan J. D. (See Wünsch, G., and Humby.)
- Hume, Damon M., Redkey, Ind. Device for depositing measured quantities of material in containers. 2,048,124; July 21.
- Hume, Horace D., and J. E. Love, assignors to Hume-Love Company, Garfield, Wash. Harvester. 2,041,182; May 19.
- Hume, James W., Jackson, Mich. Adjustable balancer for vehicle wheels. 2,036,757; Apr. 7.
- Hume, James W., Jackson, Mich. Wheel balancer. 2,049,703; Aug. 4.
- Hume, James W., Jackson, Mich. Balancing wheels. 2,052,295; Aug. 25.
- Hume, John, Houston, Tex., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake hanger. 2,048,338; July 21.
- Hume, John T., assignor to Electric Household Utilities Corporation, Chicago, Ill. Hydraulic actuating mechanism for domestic laundry appliances. 2,030,256; Feb. 11.



- Hume, John T., assignor to Electric Household Utilities Corporation, Chicago, Ill. Hydraulic actuating mechanism for domestic laundry appliances. 2,030,257; Feb. 11.
- Hume, John T., Chicago, Ill., assignor to Electric Household Utilities Corporation, Cicero, Ill. Washing and drying machine. 2,035,481; Mar. 31.
- Hume, John T., Chicago, assignor to Electric Household Utilities Corporation, Cicero, Ill. Driving mechanism for a washing machine. 2,057,896; Oct. 20.
- Hume, John T., assignor to Electric Household Utilities Corporation, Chicago, Ill. Washing machine. 2,059,183; Oct. 27.
- Hume, John T., assignor to Electric Household Utilities Corporation, Chicago, Ill. Ironing machine. 2,061,275; Nov. 17.
- Hume-Love Company. (See Hume, H. D., and Love, assignors.)
- Hume Pipe Company (Australia) Limited. (See Halkyard, Charles C., assignor.)
- Humes, Pearl G., Sault Ste. Marie, Ontario, Canada. Iron stand. 2,055,079; Sept. 22.
- Humfeld, Harry. (See Lambert, E. B., and Humfeld.)
- Humidity Control Company. (See Goss, Worth C., assignor.)
- Hummel, August, New York, N. Y. Sparkler. 2,063,601; Dec. 8.
- Hummel, Frederick E. (See Patock, Charles, assignor.)
- Hummel, Hans G. (See Jahrstorfer, M., and Hummel.)
- Hummel, Wilhelm A., assignor to firm C. D. Magirus Aktiengesellschaft, Ulm-on-the-Donau, Germany. Extension ladder. 2,037,860; Apr. 21.
- Hummert, Robert H., assignor to The S. H. Thomson Manufacturing Company, Dayton, Ohio. Projecting light. 2,038,514; Apr. 21.
- Humphner, Ferdinand W., Oak Park, Ill. Gummed paper products. 2,058,157; Oct. 20.
- Humphner, Ferdinand W., Oak Park, Ill., assignor to Mid-States Gummed Paper Company. Adhesive tape. 2,032,845; Mar. 3.
- Humphner, Ferdinand W., Oak Park, assignor to Mid-States Gummed Paper Co., Chicago, Ill. Sealing paper roll. 2,050,794; Aug. 11.
- Humphner, Ferdinand W., Oak Park, assignor to Mid-States Gummed Paper Co., Chicago, Ill. Decalcomania paper and transfer. 2,050,795; Aug. 11.
- Humphrey, A. B., Co. (See Huston, James D., assignor.)
- Humphrey, George F., Montreal, Quebec, Canada, assignor of one-half to S. Martin, Ogden, Utah. Spinning top. 2,058,692; Oct. 27.
- Humphrey, George T., Dallas, Tex. Well pumping unit. 2,054,655; Sept. 15.
- Humphrey, Harry G., Miami, Ariz. Dress display rack. 2,061,156; Nov. 17.
- Humphrey, Herbert A., Tunbridge Wells, England. Apparatus for extracting weeds, roots, or the like from the ground. 2,035,967; Mar. 31.
- Humphrey, Irvin W., Wharton, N. J., assignor to Hercules Powder Company, Wilmington, Del. Refining rosin. 2,043,513; June 9.
- Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Hydrogenated resin esters and their production. 2,051,796; Aug. 18.
- Humphreys, Charles H., Carlton, Bedford, England. Mechanism for selecting and operating any desired one of a plurality of rods or the like. 2,041,608; May 19.
- Humphreys Coal & Coke Company. (See Higgins, Ormal A., assignor.)
- Humphreys, Edwin W. A. and P. H. I., London, England. Sedimentation apparatus or thickener. 2,036,809; Apr. 7.
- Humphreys, Ira B., Denver, Colo. Concentrator. 2,042,402; May 26.
- Humphreys, Joseph. (See Horn, R., and Humphreys.)
- Humphreys, Oliver W., Kenton, J. R. Hunt, Stanmore, and C. W. Stopford, Wembley, assignors to The General Electric Company Limited, London, England. Electric storage cooker. 2,054,544; Sept. 15.
- Humphreys, Percy H. I. (See Humphreys, Edwin W. A. and P. H. I.)
- Humphries, Walter R. (See Hurst, W. M., and Humphries.)
- Humpoletz, Karl, assignor to Lapen-und Metallwarenfabriken R. Ditmar-Gebrüder Brunner, A. G., Vienna, Austria. Burner for liquid fuels. 2,033,714; Mar. 10.
- Hund, Walter J., Oakland, and A. G. Loomis, Berkeley, Calif., and S. E. Lambert, Jr., Tulsa, Okla. Treating wells with acids. 2,059,459; Nov. 3.
- Hundertmark, Conrad, Yemassee, S. C. Table for motor vehicles. 2,050,951; Aug. 11.
- Hungerford, Daniel C., Corning, N. Y., assignor to J. Edward Ogden Company, East Orange, N. J. Spring balanced door. 2,030,873; Feb. 18.
- Hungerford, Rollo L. (See Freeman, J. R., Jr., and Hungerford.)
- Hunkeler, Albert C. (See Blankenbuehler, J. H., and Hunkeler.)
- Hunkeler, Albert C. (See Michel, C. O. R., and Hunkeler.)
- Hunker, Martin L., assignor to The Reeves Manufacturing Company, Dover, Ohio. Lock leg for stoves. 2,037,386; Apr. 14.
- Hunker, Martin L., assignor to The Reeves Manufacturing Company, Dover, Ohio. Laundry unit. 2,053,830; Sept. 8.
- Hunker, Martin L., assignor to The Reeves Manufacturing Company, Dover, Ohio. Stove damper and manufacture of same. 2,059,793; Nov. 3.
- Hunker, Martin L., assignor to The Reeves Manufacturing Company, Dover, Ohio. Draft regulator and spark arrester for stoves. 2,064,064; Dec. 15.
- Hunnicut, Charles, Wilmington, Ohio. Seed grader. 2,049,808; Aug. 4.
- Hunsdiecker, Heinz, and E. Vogt, Cologne, Germany. Wetting, cleansing, and emulsifying agents and producing the same. 2,051,947; Aug. 25.
- Hunsdorf, William P., Cleveland, assignor by mesne assignments to Airway Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner receptacle. 2,047,735; July 14.
- Hunt, Alfred E. (See Rich, N. J., and Hunt.)
- Hunt, Andrew M., San Francisco, Calif., assignor to The Standard Stoker Company, Incorporated. Stoker mechanism. 2,050,842; Aug. 11.
- Hunt, Arthur T., Fort Wayne, Ind., assignor to International Harvester Company. Crankshaft twister. 2,044,170; June 16.
- Hunt, C. Howard, Pen Company. (See Bartol, George E., Jr., assignor.)
- Hunt, C. Howard, Pen Company. (See Halpin, H. J., and Henwood, assignors.)
- Hunt, C. Howard, Pen Company. (See Lukens, Hiram S., assignor.)
- Hunt, Clinton H. (See Rieger, E. W., and Hunt.)
- Hunt, Franklin B., assignor to The Liquid Carbonic Corporation, Chicago Ill. Refrigerating system. 2,028,735; Jan. 21.
- Hunt, Franklin B., assignor to The Liquid Carbonic Corporation, Chicago, Ill. Compressor. 2,041,659; May 19.
- Hunt, Franklin B., and R. L. Turner, assignors to The Liquid Carbonic Corporation, Chicago, Ill. Method of and apparatus for obtaining carbon dioxide. 2,048,656; July 21.
- Hunt, Fred G., Jr., Denver, Colo. Detergent and polishing compound. 2,053,613; Sept. 8.
- Hunt, George L. (See Searle, A. M., Hunt, and Andrews.)
- Hunt, Gurney L., Washington, D. C., deceased, Mabel G. Hunt, executrix. Aircraft intercommunication system. 2,060,806; Nov. 17.
- Hunt, Guy A., Butler, Pa. Mounting for amblyoscopes. 2,062,029; Nov. 24.
- Hunt, Henry E., Toronto, Ontario, Canada. Rotary printing machine. 2,058,232; Oct. 20.
- Hunt, Howard W., Norwood, Ohio. Device for locating nuts with respect to the starting point of their threads. 2,038,933; Apr. 28.
- Hunt, J. Harold, assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,037,470; Apr. 14.
- Hunt, J. Harold, assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,042,714; June 2.
- Hunt, J. Harold, and A. P. Schweizer, assignors to Motor Wheel Corporation, Lansing, Mich. Treating brake drums. 2,061,769; Nov. 24.
- Hunt, James E., Hampton, and T. Thornton, Jonesboro, Ga. Radiator. 2,036,943; Apr. 7.
- Hunt, James K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Impervious fabric. 2,041,836; May 26.
- Hunt, James K., and G. H. Latham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative compositions. 2,046,165; June 30.
- Hunt, James K., and G. H. Latham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating cellulose and derivatives thereof. 2,060,733; Nov. 10.
- Hunt, James K., and G. H. Latham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of animal and vegetable fats and oils. 2,063,602; Dec. 8.
- Hunt, James K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of non-drying and semi-drying oils. 2,064,610; Dec. 15.
- Hunt, John H., assignor to General Motors Corporation, Detroit, Mich. Antiroll device. 2,048,866; July 28.
- Hunt, John L., assignor, by mesne assignments, to Emmert-Hammes, Inc., Detroit, Mich. Toy airplane. 2,042,715; June 2.
- Hunt, John O., Tenafly, N. J., and C. S. Carter, Orange, assignors to The H. C. Cook Company, Ansonia, Conn. Drawer type napkin dispenser. 2,034,516; Mar. 17.
- Hunt, John R. (See Humphreys, O. W., Hunt, and Stopford.)
- Hunt, John V. (See Koeberling, O., Zwicky, and Hunt.)
- Hunt, Lloyd F., Glendale, Calif. Protective system for power lines. 2,051,378; Aug. 18.
- Hunt, Mabel G., executrix. (See Hunt, Gurney L.)
- Hunt, Mabelle M., Los Angeles, Calif. Copy and book holder. 2,047,370; July 14.
- Hunt, Martin A., Chicago, Ill. Coupling. 2,027,824; Jan. 14.
- Hunt, Martin A., Chicago, Ill. Conduit coupling. 2,032,416; Mar. 3.
- Hunt, Nathan C., Salem, Ohio. Buffing and polishing wheel. 2,046,122; June 30.
- Hunt, Otis B., Croyden, Pa. Semiautomatic nonbacking automobile brake. 2,026,896; Jan. 7.
- Hunt, Ozro H., assignor to The Bristol Company, Waterbury, Conn. Slide-wire unit for potentiometers. 2,055,766; Sept. 29.



- Hunt, Ray R., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Pneumatic gauge. 2,051,258; Aug. 18.
- Hunt, Ray R., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Embossing apparatus. 2,058,880; Oct. 27.
- Hunt, Scott F. (See Edelen, J. L., and Hunt.)
- Hunt, Scott F., assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,031,709; Feb. 25.
- Hunt, Scott F., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control. 2,060,870; Nov. 17.
- Hunt, Wayne C., Chicago, Ill., assignor of forty per cent to G. G. G. Peckham, Shaker Heights, Ohio. Cassette. 2,056,463; Oct. 6.
- Hunter, Anne, nee Schubert, Berlin, Germany. Manicure appliance. 2,046,002; June 30.
- Hunter, Archibald S. (See McKee, E. R., and Hunter, assignor.)
- Hunter, Archibald S., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Articles of manufacture. 2,062,179; Nov. 24.
- Hunter Arms Co. (See Wadsworth, Clair W., assignor.)
- Hunter, David E., assignor to The Shaw-Walker Co., Muskegon, Mich. Furniture top construction. 2,032,878; Mar. 3.
- Hunter, Gus, Newport, N. C. Lawn mower. 2,045,857; June 30.
- Hunter, Harry H., Arlington, Mass. Pouch. 2,053,085; Sept. 1.
- Hunter, Hester W., Geneva, Ill. Cleaning device. 2,039,594; May 5.
- Hunter, James, Machine Company, The. (See Cannity, Ernest, assignor.)
- Hunter, James, Machine Company, The. (See Morrill, Frank B., assignor.)
- Hunter, James, Machine Company, The. (See Rundlett, William D., assignor.)
- Hunter, John A., Ben Avon, and H. K. Ihrig, Pittsburgh, Pa., assignors to American Sheet and Tin Plate Company. Automatic discharging machine. 2,061,358; Nov. 17.
- Hunter, John M., Cumberland, Ohio. Door control mechanism. 2,032,803; Mar. 3.
- Hunter, Louis N., assignor to National Radiator Corporation, Johnstown, Pa. Draft hood. 2,031,314; Feb. 18.
- Hunter, Lytle G., Flushing, N. Y. Mounting for panels. 2,030,874; Feb. 18.
- Hunter, Melmoth W., Lorain, Ohio. Pump. 2,033,577; Mar. 10.
- Hunter, Percy E., and K. J. Deahl, Pittsburgh, Pa., said Deahl assignor to said Hunter. Annealing box. 2,056,522; Oct. 6.
- Hunter, Percy E., and K. J. Deahl, Pittsburgh, Pa., said Deahl assignor to said Hunter. Annealing box. 2,063,603; Dec. 8.
- Hunter, Philip V., London, J. F. Watson, Abbey Wood, and L. G. Brazier, London, assignors to Callender's Cable and Construction Company Limited, London, England. Multicore electric cable. 2,038,934; Apr. 28.
- Hunter, Philip V., and L. G. Brazier, London, and H. Hill, Belvedere, assignors to Callender's Cable and Construction Company Limited, London, England. Electric cable. 2,038,935; Apr. 28.
- Hunter, Ralph, New York, assignor to Hall, Hartwell & Co., Troy, N. Y. Soft fold collar. 2,044,693; June 16.
- Hunter, Richard S., Fairfax County, Va. Photometric device. 2,063,551; Dec. 8.
- Hunter, William L., assignor to Northern Equipment Company, Erie, Pa. Feed water regulator. 2,029,321; Feb. 4.
- Hunting, Irving A. (See Huck, W. F., and Hunting.)
- Huntington, Cory O., Dexter, Oreg. Automobile headlight. 2,032,577; Mar. 3.
- Huntington, Victor C., Blue Island, Ill., assignor, by mesne assignments, to Western Pipe & Steel Company of California, San Francisco, Calif. Heat conduction breaker construction. 2,056,051; Sept. 29.
- Huntington, Walter S., St. Paul, Minn. Forehead and temple perspiration absorber. 2,051,714; Aug. 18.
- Huntley, George J., and J. S. Bartley, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Filling and closing machine. 2,029,823; Feb. 4.
- Huntley, George J., Baltimore, and R. J. Stewart, Catonsville, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Pasteurizer. 2,044,118; June 16.
- Huntley, James, Philadelphia, Pa. Dispenser for plastic toilet preparations. 2,052,296; Aug. 25.
- Huntley, Wade H., and L. B. Medlin, Monroe, N. C. Machine for removing tread from tire casings. 2,045,778; June 30.
- Huntsman, Bert J., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Apparatus for manufacturing metal closures. 2,045,602; June 30.
- Hunziker, Adolph, Jr., Chicago, Ill. Bumper attachment. 2,041,931; May 26.
- Hunziker, Hans, assignor to Firm Aktiengesellschaft Hunziker & Cie., Zurich, Baustofffabriken Brugg und Alten, Brugg, Switzerland. Pipe joint, particularly for concrete pipes. 2,051,557; Aug. 18.
- Huotari, Charles W., Los Angeles, Calif. Motor vehicle signal. 2,040,382; May 12.
- Hupp Motor Car Corporation. (See MacPherson, E. S., and Punke, assignors.)
- Huppert, Henry K. (See Berryman, E. H., and Huppert.)
- Huppert, Henry K., and T. H. Forde, San Francisco, Calif. X-ray generator. 2,053,792; Sept. 8.
- Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Initial ornament. 2,039,248; Apr. 28.
- Huppke, Walter F. (See Frey, F. E., Huppke, and Guyer, assignors.)
- Huppke, Walter F. (See Guyer, J. A., Frey, and Huppke.)
- Hurd, Albert R. (See Hinchliffe, Edward H., assignor.)
- Hurd, E. L., et al. (See Sampson, Irving F., assignor.)
- Hurd, Edward F. (See Blackman, Joseph P., assignor.)
- Hurd, Loren C., Madison, Wis., assignor to Wisconsin Alumni Research Foundation. Toxic antifouling material. 2,041,130; May 19.
- Hurd, R. C., et al. (See Sampson, Irving F., assignor.)
- Hurd, Thomas E., Glendale, Calif. Lawn mower sharpener. 2,045,187; June 23.
- Hurewitz, Alexander, New York, N. Y. Finding for a clasp. 2,059,582; Nov. 3.
- Hurlburt, Edward N., assignor to Taylor Instrument Companies, Rochester, N. Y. Hydrometer. 2,035,603; Mar. 31.
- Hurley, George H., Detroit, Mich. Clothesline reel. 2,044,073; June 16.
- Hurliman, Julius. (See Miller, G. J., and Hurliman.)
- Hürlimann, Max. (See Widmer S., and Hürlimann.)
- Hürlimann, Max, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric valve control system. 2,034,676; Mar. 17.
- Hurrell, Guy C., London, England, assignor, by mesne assignments, to The Flintkote Company, New York, N. Y. Apparatus for emulsification. 2,036,810; Apr. 7.
- Hurrey, Ross C. (See Baker, W. N., Hurrey, and Cundall.)
- Hurrey, Ross C., Staten Island, assignor to International Paper Company, New York, N. Y. Method and apparatus for manufacturing paper. 2,054,630; Sept. 15.
- Hurst, Alfred D., and F. E. Duckwall, assignors to Continental Optical Manufacturing Company, Indianapolis, Ind. One-piece multifocal lens. 2,050,755; Aug. 11.
- Hurst, Edward, West Newton, assignor to United Cotton Products Company, Fall River, Mass. Fibrous material and making the same. 2,055,411; Sept. 22.
- Hurst, Edward, West Newton, Mass., and M. Crane, New Haven, Conn., assignors to United Cotton Products Company, Fall River, Mass. Web material. 2,055,410; Sept. 22.
- Hurst, Edward, and M. Crane, assignors to United Cotton Products Company, Fall River, Mass. Method and apparatus for forming web material. 2,055,412; Sept. 22.
- Hurst, George A., New York, N. Y., and J. B. Retallack, Millburn, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing system. 2,039,001; Apr. 28.
- Hurst, James L., Spirit Lake, Iowa, assignor of one-half to B. E. Grottum, Jackson, Minn. Animal trap. 2,059,355; Nov. 3.
- Hurst, Marshall, Ludlow, Ky. Duplicating machine. 2,038,177; Apr. 21.
- Hurst, Max, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Supply pump for engines. 2,042,004; May 26.
- Hurst, Max, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Fuel supply and regulating system for internal combustion engines. 2,055,578; Sept. 29.
- Hurst, Max, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Piston pump for the conveyance of liquids. 2,064,750; Dec. 15.
- Hurst, Wilbur M., Washington, D. C., and W. R. Humphries, Silver Spring, Md., dedicated to the free use of the Public. Dry material feeding device. 2,028,719; Jan. 21.
- Hurt, Ernest D., Fort Wayne, Ind., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Core. 2,055,899; Sept. 29.
- Hurt, Samuel N., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,029,926; Feb. 4.
- Hurt, Samuel N., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,049,297; July 28.
- Hurt, Victor H., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Rubber film or sheet. 2,032,935; Mar. 3.
- Hurtig, Edward R., Delphos, Kans. Disk for agricultural implements. 2,034,579; Mar. 17.
- Hurum, Fredrik, Barcelona, Spain. Two-cycle motor. 2,061,157; Nov. 17.
- Hurxthal, Alpheus O., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Direct motor drive for disk fans. 2,050,180; Aug. 4.
- Huss, Henry, Greenwich, Conn. Nozzle. 2,044,694; June 16.
- Huss, Henry, Greenwich, Conn. Nozzle. 2,044,695; June 16.
- Huss, Henry, Greenwich, Conn. Nozzle. 2,044,696; June 16.
- Huss, Henry, Greenwich, Conn. Nozzle. 2,044,697; June 16.
- Hussey, Philip W., North Berwick, Maine. Portable bleacher. 2,061,465; Nov. 17.
- Hussman, Carl, assignor to United States Gypsum Company, Chicago, Ill. Antivibration machine base. 2,032,659; Mar. 3.



- Hussman, Carl, assignor to United States Gypsum Company, Chicago, Ill. Boat construction. 2,046,558; July 7.
- Hussman, Carl, assignor to United States Gypsum Company, Chicago, Ill. Resilient machinery base. 2,064,751; Dec. 15.
- Husta, Philip, Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,048,506; July 21.
- Hustad, Hugo R., New York, N. Y., assignor of one-half to Warren M. Florance, Bethlehem, Pa. Motor speed equalizer. 2,059,641; Nov. 3.
- Husted, Harry A., Akron, assignor to J. W. Macklin, Cleveland, Ohio, trustee. Method and apparatus for thermoplastic molding. 2,043,584; June 9.
- Husted, Harry F., Benton, assignor to T. A. Morie, Tomhichena, Pa. Portable seesaw. 2,043,894; June 9.
- Husted, Harry F., Benton, and E. S. Hogg, Wilkes-Barre, Pa., assignors to The Playcrafters Company, Wilkes-Barre, Pa. Seesaw. 2,033,523; Mar. 10.
- Huston, Arch C., Los Angeles, Calif. Adhesive applying device for tube forming machines. 2,037,197; Apr. 14.
- Huston, James D., Imperial, assignor of one-half to A. B. Humphrey Co., Escalon, Calif. Precooler for refrigerator cars. 2,061,800; Nov. 24.
- Huston, Milton D. (See Gilmore, J. G., and Huston.)
- Huston, Ralph C., assignor to Michigan State Board of Agriculture, East Lansing, Mich. Manufacture of alkyl phenols. 2,051,300; Aug. 18.
- Hutaff, George H., Jr., Wilmington, and H. B. Norris, Raleigh, N. C. Mirrored electric light tubing. 2,063,929; Dec. 15.
- Hutaff, George H., Jr., Wilmington, and H. B. Norris, Raleigh, N. C. Lensed electric lighting glass tubing. 2,063,930; Dec. 15.
- Hutchens, Charles T., and V. V. Anderson, Springfield, Mo. Trussed trailer axle. 2,028,127; Jan. 14.
- Hutchens, Leander Z., assignor to Hutchens and Merritt Incorporated, Mount Airy, N. C. Laundry checking device. 2,063,165; Dec. 8.
- Hutchens and Merritt Incorporated. (See Hutchens, Leander Z., assignor.)
- Hutchings, Le Roi E., Kenmore, assignor to Remington Rand, Inc., Buffalo, N. Y. Camera for duplicating record cards. 2,042,005; May 26.
- Hutchings, Sabin A. (See Farris, Grover C., assignor.)
- Hutchings, Walter B., Huron, S. D., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Timer with interchangeable formula for controlling machines having series of operations. 2,055,031; Sept. 22.
- Hutchins Car Roofing Company. (See Franck, Edwin G., assignor.)
- Hutchins Car Roofing Company. (See Thompson, William D., assignor.)
- Hutchins, Henry A., Jr., Darien, Conn., assignor to National Union Radio Corporation, Newark, N. J. Sealed carton. 2,041,932; May 26.
- Hutchinson, Fenton F., San Francisco, Calif. Constant voltage generator. 2,034,470; Mar. 17.
- Hutchinson, Floyd M., Tiskilwa, Ill. Dental matrix. 2,039,418; May 5.
- Hutchinson, George, Manitowoc, assignor to Eastman Manufacturing Company, Manitowoc, Wis. Pressed-on hose coupling. 2,031,833; Feb. 25.
- Hutchinson, Richard J., Ithaca, assignor of one-half to R. Yost, Reading Center, N. Y. Pocket ashtray. 2,063,679; Dec. 8.
- Hutchison, Frank C., Kansas City, Mo., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Welding process and apparatus. 2,065,467; Dec. 22.
- Hutchison, George R., Beckley, W. Va. Dispensing apparatus. 2,030,004; Feb. 4.
- Hutchison, John F., et al. (See Cunningham, Alexander, assignor.)
- Hutchinson, Norman, Wilkes-Barre, Pa. Clothesline pulley. 2,042,102; May 26.
- Hutchinson, Oliver G. (See Rapaport, N., Armstrong, and Hutchinson.)
- Hutchinson, Philip H., Montclair, N. J., assignor to General Motors Corporation, Detroit, Mich. Cutting or surfacing machine. 2,039,223; Apr. 28.
- Hutchinson, Philip H., Montclair, N. J., assignor to General Motors Corporation, Detroit, Mich. Gauging machine. 2,039,224; Apr. 28.
- Hutchinson, Thomas, Newport, Oreg. Sorting conveyor. 2,038,362; Apr. 21.
- Hutchison, Robert R., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Oil pan assembly. 2,039,002; Apr. 28.
- Hutchison, William, et al. (See Cunningham, Alexander, assignor.)
- Hutnick, Benjamin. (See Lawson, C. M., and Hutnick.)
- Hutt, George A. (See Hutt, Robert J. and G. A.)
- Hutt, Robert J. and G. A., Brooklyn, N. Y. Container. 2,027,231; Jan. 7.
- Hutt, Robert J. and G. A., Brooklyn, N. Y. Packaging machine. 2,027,232; Jan. 7.
- Hutt, Robert J. and G. A., Brooklyn, N. Y. Cutter mechanism for packaging machines. 2,027,233; Jan. 7.
- Huttenlocher, Richard, and R. Hess, Frankfurt-on-the-Main, Germany. Production of sulphonic acids. 2,029,073; Jan. 28.
- Huttenlocher, Richard, and W. Lamatsch, Oberlahnstein-on-the-Rhine, Germany, assignors to Buffalo Electro Chemical Co. Incorporated, Buffalo, N. Y. Organic persulphonic compounds and preparing same. 2,058,315; Oct. 20.
- Hutter, William H., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph apparatus. 2,058,693; Oct. 27.
- Huttger, August, Tioga, assignor to E. P. Huttger, Philadelphia, Pa. Spring counterbalanced sash. 2,053,479; Sept. 8.
- Huttger, Edward P. (See Huttger, August, assignor.)
- Huttinger, Charles A., Lakewood, assignor to Acme Rayon Corporation, Cleveland, Ohio. Spinning rayon thread. 2,042,529; June 2.
- Huttinger, Charles A., Lakewood, assignor to Acme Rayon Corporation, Cleveland, Ohio. Means for use in spinning and in liquid treating tubular rayon packages. 2,065,526; Dec. 29.
- Huttinger, Charles A., Lakewood, and E. R. Timlowksi, Cleveland, assignors to Acme Rayon Corporation, Cleveland, Ohio. Producing rayon. 2,064,118; Dec. 15.
- Huttinger, William R., Lansdowne, Pa. Electric switch. 2,059,109; Oct. 27.
- Huttner, Karl. (See Schmidt, O., Huttner, and Kaeb.)
- Hutto, Marsden C., Detroit, Mich., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Automatic cylinder grinder. 2,063,931; Dec. 15.
- Hutto, Marsden C., Detroit, Mich., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Cylinder grinder. 2,063,932; Dec. 15.
- Hutton, Alfred L., Jr. (See Lawson, R. H., Cloutier, and Hutton.)
- Hutton, Donald, Carneys Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of aromatic para-amino-aldehydes. 2,048,006; July 21.
- Hutton, Horatio W., East Croydon, England. Dispension of synthetic resins in liquids. 2,040,000; May 5.
- Hutton, John, Winnipeg, Manitoba, Canada. Heater. 2,061,873; Nov. 24.
- Hutton, Ulric O., Newcastle, assignor to The Cambridge Instrument Company, Inc., Ossining, N. Y. Humidity apparatus. 2,061,424; Nov. 17.
- Hutton, Willis A., Seattle, Wash. Process of and apparatus for making bar soap. 2,057,192; Oct. 13.
- Huwylar, Oswald, Vienna, Austria. Draft regulator for locomotives. 2,047,071; July 7.
- Huxham, Trevor S. (See Werring, W. W., and Huxham.)
- Huxon Holding Corporation. (See Huck, Louis C., assignor.)
- Huxon Holding Corporation. (See Huck, L. C., and Chapman, assignors.)
- Huxon Holding Corporation. (See Huck, L. C., Chapman, Morris, and Miller, assignors.)
- Huxon Holding Corporation. (See Huck, L. C., and Miller, assignors.)
- Huxon Holding Corporation. (See Huck, L. C., and Morris, assignors.)
- Huxon Holding Corporation. (See Miller, Ralph A., assignor.)
- Huxon Holding Corporation. (See Morris, Will E., assignor.)
- Huyett, Daniel D., assignor to Atlas Powder Company, Wilmington, Del. Wad cutting and placing machine. 2,061,576; Nov. 24.
- Huyett, Daniel D., assignor to Atlas Powder Company, Wilmington, Del. Wadd cutting, forming, and placing machine. 2,061,577; Nov. 24.
- Huyett, Daniel D., assignor to Atlas Powder Company, Wilmington, Del. Detonator leg wire assembly and winding the same. 2,061,578; Nov. 24.
- Huyett, Daniel D., assignor to Atlas Powder Company, Wilmington, Del. Wire folding, cutting, and handling machine. 2,061,579; Nov. 24.
- Hyatt, Benjamin S., Vinita, assignor of twenty-four and one-half per cent to W. A. Robbins, Tulsa, Okla., and twenty-four and one-half per cent to B. N. Wright, Arkansas City, Ark. Attachment for typewriters. 2,029,074; Jan. 28.
- Hyatt, Edward, Cleveland Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Horticultural guard. 2,056,136; Sept. 29.
- Hyatt, Louis C., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Steam line water relief valve. 2,031,953; Feb. 25.
- Hyatt, Louis C., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Valve for bus heaters. 2,043,798; June 9.
- Hybinette, Sven E., and J. E. Tingay, assignors to The Niralumin Company, Jackson, Mich. Producing aluminum alloy rivets. 2,062,977; Dec. 1.
- Hybinette, Victor N., Jackson, Mich. Ice making apparatus. 2,062,180; Nov. 24.
- Hyde, A. R. & Sons Company. (See Green, Morris, assignor.)
- Hyde, Donald B., Framingham Center, Mass. Emergency illuminating kit. 2,050,436; Aug. 11.
- Hyde, E. C., Jr., Kansas City, Mo., and J. C. Renfro, Huntington Beach, Calif., assignors of forty-nine per cent to J. J. Richart, Whittier, two per cent to F. Harder, and forty-nine per cent to said Renfro. Apparatus for heating and agitating wells. 2,042,103; May 26.



- Hyde, George J., Brooklyn, N. Y., assignor of one-fourth to J. U. Koree, New York, N. Y. Gun. 2,049,776; Aug. 4.
- Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Joining or cementing glass building units. 2,052,229; Aug. 25.
- Hyde, Ralph E., Cleveland, and H. A. Maurer, Novelty, assignors to The Oster Manufacturing Company, Cleveland, Ohio. Assembly table. 2,030,594; Feb. 11.
- Hyde, Reed W. (See Lloyd, R. L., and Hyde.)
- Hyde, Reed W., Summit, N. J. Separation of cadmium from its ores. 2,064,835; Dec. 22.
- Hyden, William L. (See Charch, W. H., Hyden, and Siemann.)
- Hydraulic Brake Company. (See Bowen, Herbert C., assignor.)
- Hydraulic Brake Company. (See Gardner, Clarence V., assignor.)
- Hydraulic Brake Company. (See Heidloff, Joseph R., assignor.)
- Hydraulic Brake Company. (See Lang, Otto C., assignor.)
- Hydraulic Brake Company. (See Loughhead, Malcolm, assignor.)
- Hydraulic Brake Company. (See Loweke, Erwin F., assignor.)
- Hydraulic Brake Company. (See McCollum, Andrew O., assignor.)
- Hydraulic Brake Company. (See Oliver, Wallace F., assignor.)
- Hydraulic Brake Company. (See Oliver, W. F., Bowen, and Loweke, assignors.)
- Hydraulic Brake Company. (See Presnell, Frank G., assignor.)
- Hydraulic Brake Company. (See Rouch, Everett W., assignor.)
- Hydraulic Press Corporation, The. (See Ernst, Walter, assignor.)
- Hydraulic Press Corporation, The. (See Hubbert, Leslie S., assignor.)
- Hydraulic Press Corporation, The. (See MacMillin, Howard F., assignor.)
- Hydraulic Press Mfg. Company, The. (See Benedek, Elek K., assignor.)
- Hydraulic Products Co. (See Maisch, Theodore L., assignor.)
- Hydril Company. (See Stone, Frederick, assignor.)
- Hydrocarbon Foundation, Ltd. (See Loughrey, Carl T., assignor.)
- Hydro-Humus Corporation of America, The. (See Doe, William B., assignor.)
- Hydromatic Corporation. (See Baumgarten, A. W., and Pardee, assignors.)
- Hydro Nitro S. A. (See Hobler, Thadeus, assignor.)
- Hydrotator Company. (See Remick, Walter L., assignor.)
- Hygienol Co. Inc., The. (See Meyer, David, assignor.)
- Hygrade Sylvania Corporation. (See Allen, Victor O., assignor.)
- Hygrade Sylvania Corporation. (See Biggs, Orrick H., assignor.)
- Hygrade Sylvania Corporation. (See Burns, Laurence, assignor.)
- Hygrade Sylvania Corporation. (See Cox, James L., assignor.)
- Hygrade Sylvania Corporation. (See Erskine, Bernard G., assignor.)
- Hygrade Sylvania Corporation. (See Goodwin, Vernon D., assignor.)
- Hygrade Sylvania Corporation. (See Hoffman, Raymond R., assignor.)
- Hygrade Sylvania Corporation. (See Kahl, Maurice I., assignor.)
- Hygrade Sylvania Corporation. (See Kingston, Walter E., assignor.)
- Hygrade Sylvania Corporation. (See Krah, Walter L., assignor.)
- Hygrade Sylvania Corporation. (See Le Bel, Clarence J., assignor.)
- Hygrade Sylvania Corporation. (See Marsden, Charles P., assignor.)
- Hygrade Sylvania Corporation. (See Miller, Carl F., assignor.)
- Hygrade Sylvania Corporation. (See O'Neill, George D., assignor.)
- Hygrade Sylvania Corporation. (See Rogan, John J., assignor.)
- Hygrade Sylvania Corporation. (See Russi, Joseph, assignor.)
- Hygrade Sylvania Corporation. (See Thomas, Ralph B., assignor.)
- Hygrade Sylvania Corporation. (See Wise, Roger M., assignor.)
- Hyland, James L. (See Claassen, Alvin A., assignor.)
- Hyland, John L., New York, N. Y. Lifeboat launching apparatus. 2,045,603; June 30.
- Hyland, John L., New York, N. Y. Lifeboat launching apparatus. 2,045,604; June 30.
- Hyland, John L., New York, N. Y. Lifeboat launching apparatus. 2,054,083; Sept. 15.
- Hyland, John L., New York, N. Y. Lifeboat launching apparatus. 2,054,726; Sept. 15.
- Hyland, Lawrence A., and C. B. Mirick, Washington, D. C. Loop system indicating device for aircraft. 2,032,988; Mar. 3.
- Hyle, Jacob A., and W. L. Edwards, Chicago, Ill., assignors, by mesne assignments, to Champion Brake Corporation, Wilmington, Del. Locking and releasing hand brake mechanism for railway cars. 2,051,214; Aug. 18.
- Hyman, Bert L., assignor of one-half to J. Moody, Savannah, Ga. Fluid engine. 2,052,472; Aug. 25.
- Hyman, Henry. (See Britsch, Otto C., assignor.)
- Hyman, Henry. (See Muldoon, Bernard F., assignor.)
- Hyman, Henry. (See Rothenberg, Harry, assignor.)
- Hyman, Julius, and G. W. Ayers, Jr., Chicago, Ill., assignors, by mesne assignments, to Gasoline Antioxidant Company, Wilmington, Del. Treating hydrocarbon motor fuels. 2,039,595; May 5.
- Hyman, Sam B., Los Angeles, Calif. Convertible garment. 2,051,482; Aug. 18.
- Hymans, Frederick, Larchmont, assignor to Otis Elevator Company, New York, N. Y. Elevator safety device. 2,031,043; Feb. 18.
- Hymers Compound Maceration Process Co. (See Hymers, William D., assignor.)
- Hymers, William D., Central Cortada, assignor to Hymers Compound maceration Process Co., P. R. Macerating bagasse. 2,061,196; Nov. 17.
- Hynes, George T., and G. S. Smith, Bala-Cynwyd, Pa. Shipping container. 2,030,040; Feb. 4.
- Hyslop, Samuel, Newton, Mass. Thread clearer. 2,028,392; Jan. 21.
- I. G. Farbenindustrie Aktiengesellschaft. (See Baehr, Hans, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Baehr, H., and Mengdehl, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Balle, Gerhard, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Balz, O., Leber, and Diekmann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Bayer, Josef, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Bayer, J., Haltmeier, and Hencky, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Beck, Adolf, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Becker, W., Orthner, and Blömer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Beller, H., and Schellmann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Billig, Kurt, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Binapfl, Josef, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Binapfl, J., and Kuchenbuch, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Bögemann, Max, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Breuers, W., Mark, and Konrad, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Breuers, W., and Schatz, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Brodersen, Karl, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Daimler, Karl, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Dietz, K., and Frank, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Eberhardt, Ernst, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Heymer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Schmidt, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Fikentscher, Hans, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Eisenhut, O., Rein, and Kaupp, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Esselmann, P., and Kösslinger, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Esselmann, Paul, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Failer, Paul, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Flieg, Oskar, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Frankenburg, W., and Rössler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Gehrke, W., and Strohmenger, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Guenther, F., Conrad and Saftien, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Guenther, F., and Holsten, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Günther, F., and Hetzer, J., assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hackhofer, E., and Beuther, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hagedorn, Max, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hagedorn, M., and Jung, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Harder, Max, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Henglein, F. A., and Stauf, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hermann, T., Seydel, and Retter, assignors.)



- I. G. Farbenindustrie Aktiengesellschaft. (See Herzog, Hermann, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Heyse, M., and Persiel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Holsten, Hermann, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hopff, Heinrich, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hopff, H., and Ohlinger, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hubert, E., and Hecht, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hubert, E., and Matthes, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Huettner, R., and Wietzel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Jahrstorfer, M., and Hummel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Jannek, J., and Weitzel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Jordan, O., Kollek, and Ufer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kaufmann, W., and Bungartz, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kaufmann, W., Eckstein, and Rosenberger, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Keller, K., Hopff, Gofferjé, and Nuesslein, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kiesskalt, S., Funke, and Boedeker, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kircher, C., and Schmitt, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kircher, C., Mueller, and Suessenguth, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Klein, Hans, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Klein, R., Ulrich, and Koering, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kleine, J., Pfannenstiel, and Matthaes, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kling, Waldemar, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Koering, P., Scheeller, and Ulrich, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kollek, Leo, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kollek, L., and Jahrstorfer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Korinth, E., and Meder, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kösslinger, K., and Bayerl, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kränzlein, G., and Müller, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Krauss, Alwin, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Krzikalla, H., and Wolff, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kuehn, E., and Hopff, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Lederlé, Ekbert, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Luther, M., and Dietrich, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Lüttge, Fritz, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Meder, G., and Schad, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Meidert, Friedrich, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mueller-Cunradi, M., and Otto, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mueller-Cunradi, M., and Pieroh, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Nicodemus, O., and Wulff, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Noerr, H., and Mauthe, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Nuesslein, J., and Schoeller, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Orthner, L., and Becker, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Orthner, L., and Bögemann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Orthner, L., and Doser, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Orthner, L., and Freudenberger, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Orthner, L., and Meyer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Orthner, L., and Siefken, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Oschatz, Fritz, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Osswald, P., and Geisler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Overdick, F., and Gorke, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Persiel, H., Balle, Grom, and Semmig, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, Mathias, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Christmann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., Christmann, and Donath, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Donath, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Eisenhut, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Rabe, Hans, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Reissmann, E., and Wolff, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Reitz, Heinrich, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Renschler, E., and Remelé, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, Walter, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, W., and Keyssner, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, W., and Wolff, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Rosenthal, L., and Hebermehl, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Rumscheid, C., Jeltsch, Strzyzewski, and Hegge, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Rüschi, R., and Schmidt, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schellmann, M., and Franzen, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schiller, G., and Wietzel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schilling, H., and Stadler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schlecht, L., and Heinzel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schmidt, O., Huttner, and Kaeb, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schneider, Wilhelm, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schoenemann, Karl, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schuette, Hermann, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schuette, H., and Alles, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schuloff, Robert, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Smeykal, Karl, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Staib, Karl, and Heres, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Starck, Werner, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Steindorff, Adolf, Pfaff, Staudermann, Johannsen, and Spoun, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Theis, Erich, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Tschunkur, E., and Köhler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Tschunkur, E., and Köhler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., and Koering, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., Koering, and Nuesslein, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., Saurwein, and Siefert, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See von Weinberg, A., Rein, and Eisenhut, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Voss, A., and Dickhäuser, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wietzel, G., and Schiller, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wilke, E., and Fried, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wilke, W., Stadler, and Lappe, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wilmanns, G., and von Kujawa, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, F., and Haeuber, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wulff, C., and Treppenbauer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Zimmermann, A., and Spencker, assignors.)
- IO-Dow Chemical Company, Inc. (See Harrison, Laurence E., assignor.)
- I-T-E Circuit Breaker Company. (See Graves, Herbert C., Jr., assignor.)
- I-T-E Circuit Breaker Company. (See Kneass, E., and Jensen, assignors.)
- Iaggi, Charles, Salinas, Calif. Soap grater. 2,037,329; Apr. 14.
- Ibañez Valenzuela, Julio A. M., Providencia, Santiago, Chile. Determining stresses on a loaded structure. 2,043,910; June 9.
- Ibbott, Arthur P., Oxhey, Hertfordshire, England. Adjustable wrench. 2,053,033; Sept. 1.
- Icard, George M. (See Molsan, John J., assignor.)
- Ice, James N., assignor of one-half to J. S. Paull, and one-twentieth to S. K. Frank, Wheeling, W. Va. Power control for vehicle clutch and brake. 2,034,344; Mar. 17.
- Ice, James N., assignor, by mesne assignments, to Wace Development Corporation, Wheeling, W. Va. Drinking glass. 2,051,446; Aug. 18.



- Ice Cream Cone Machine Corporation. (See Tatossian, Harry G., assignor.)
- Ice Plant Equipment Company. (See Nelson, Wilbur B., assignor.)
- Ickes, Clarence W., and T. P. Ickes, Monte Vista, Colo. Air brake. 2,040,312; May 12.
- Ickes, Theodore P. (See Ickes, Clarence W., and T. P.)
- Idaho Maryland Mines Co. (See Newson, John B., assignor.)
- Iddings, Carl. (See Harkness, A. M., and Iddings.)
- Iddings, Carl, Staten Island, and J. N. Kennedy, Brooklyn, N. Y., assignors to The Muralo Company, Inc. Preventing foam. 2,045,551; June 23.
- Iddings, Carl, Staten Island, N. Y., assignor to The Muralo Company, Inc. Casein solution. 2,047,143; July 7.
- Iddings, Carl, Staten Island, assignor to General Chemical Company, New York, N. Y. Carbon bisulfide process. 2,052,297; Aug. 25.
- Iddings, Carl, Staten Island, N. Y. Spraying device. 2,062,787; Dec. 1.
- Ide, Walter D., assignor to The Piqua Hosiery Company, Inc., Piqua, Ohio. Garment. 2,035,604; Mar. 31.
- Ideal Aeroplane & Supply Co. (See Kramer, William, assignor.)
- Ideal Roller & Manufacturing Company. (See Lippincott, Wells A., assignor.)
- Ideal Roller & Manufacturing Company. (See Lippincott, W. A., and Campbell, assignors.)
- Ideal Roller & Manufacturing Co. Inc. (See Hubbard, Bruce W., assignor.)
- Idoine, Harry, assignor of one-half to L. A. Hanlin, Canton, Ohio. Freight car floor. 2,056,137; Sept. 29.
- Igarashi, Masaji, and T. Hatta, assignors to Kao Sekken Kabushiki Kaisha Nagase Shokai, Tokyo, Japan. Apparatus for manufacturing a fibrous soap. 2,043,378; June 9.
- Ignell, Carl, Chicago, Ill. Audible electric signal. 2,029,720; Feb. 4.
- Ilhefeldt, Johannes, Dessau, assignor to the firm G. Polysius, Aktiengesellschaft, Dessau, Germany. Pulverizing apparatus. 2,031,710; Feb. 25.
- Ihle, Ludwig A., Philadelphia, Pa. Nonrefillable bottle. 2,044,171; June 16.
- Ihrig, Harry K., assignor to Globe Steel Tubes Co., Milwaukee, Wis. Cementation. 2,046,629; July 7.
- Ihrig, Howard K. (See Hunter, J. H., and Ihrig.)
- Ikawa, Shunichi. (See Kondo, H., and Ikawa, and Kokayashi.)
- Ikeda, Banji, Torrance, Calif. Smoker's pipe. 2,045,779; June 30.
- Ikeda, Miyokichi, Okubo, Yodobashiku, Tokyo, Japan. Water tube boiler having steam superheater interchangeable to feed preheater. 2,045,914; June 30.
- Illeman, Emil A., Medford, Mass., assignor to Wilbin Instrument Corporation, New York, N. Y. Thermostatically controlled device. 2,064,163; Dec. 15.
- Iler, Eleanor C., administratrix. (See Iler, Franklin M.)
- Iler, Franklin M., deceased, Cleveland, Ohio, E. C. Iler, administratrix. Pulverizer. 2,030,839; Feb. 11.
- Ilford Limited. (See Harrison, Geoffrey B., assignor.)
- Ilg Electric Ventilating Co. (See Sutcliffe, Arthur G., assignor.)
- Ilgenfritz, Curtis B., York, assignor to United States Glass Company, Pittsburgh, Pa. Juice extractor. 2,042,341; May 26.
- Illian, Jacob J., Chicago, Ill. Bottle capping and closing machine. 2,030,371; Feb. 11.
- Illig, George D. (See Roberts, F. W., and Illig.)
- Illig, Walter E., assignor to Banner Iron Works, St. Louis, Mo. Cover for manhole frames or the like. 2,045,083; June 23.
- Illingworth Carbonization Company, The. (See Illingworth, Stewart R., assignor.)
- Illingworth, George. (See Donovan, J. F., and Illingworth.)
- Illingworth, George, and J. F. Donovan, East Cleveland, Ohio, assignors to General Electric Company. Machine for colling filaments. 2,054,675; Sept. 15.
- Illingworth, Stewart R., Fernwood, Radyr, Wales, assignor to The Illingworth Carbonization Company, Limited, Manchester, England. Apparatus for the carbonization or heat treatment of solid materials. 2,039,081; Apr. 28.
- Illinois Brick Company. (See Filippi, Hugo, assignor.)
- Illinois Clay Products Company et al. (See Jones, Otis L., assignor.)
- Illinois Iron and Bolt Company. (See Schumacher Charles H., assignor.)
- Illinois Iron & Bolt Company. (See Warner, Arthur L., assignor.)
- Illinois Railway Equipment Company. (See Harbert, Victor H., assignor.)
- Illinois Railway Equipment Company. (See Harbert, Victor H., assignor.)
- Illinois Railway Equipment Company. (See Harbert, Victor J., assignor.)
- Illinois Testing Laboratories, Inc. (See Boyle, John R., assignor.)
- Illinois Tool Works. (See Olson, Carl G., assignor.)
- Ilseman, Frederick W., Aurora, Ill. Universal coupler. 2,051,085; Aug. 18.
- Imbahn, Anton J., et al. (See Witte, Adolf P., assignor.)
- Imhof, Herman, Jersey City, N. J., assignor to Eclipse Aviation Corporation, East Orange, N. J. Integrating indicating instrument. 2,049,120; July 28.
- Imler, Nelle, assignor to Royal Worcester Corset Co., Worcester, Mass. Undergarment. 2,055,538; Sept. 29.
- Imler, Thomas, Phoenix, Ariz. Keeper for a gun sling. 2,059,949; Nov. 3.
- Imon, Sadami, Komeno-cho, Naka-ku, Nagoya, Japan. Narrowing mechanism for knitting machines. 2,065,858; Dec. 29.
- Imperial Brass Manufacturing Company, The. (See Dobrick, August C., assignor.)
- Imperial Brass Manufacturing Company, The. (See Lang, Frank M., assignor.)
- Imperial Brass Manufacturing Company, The. (See McIntosh, Robert D., assignor.)
- Imperial Brass Manufacturing Company, The. (See Shanley, William C., assignor.)
- Imperial Chemical Industries Ltd. (See Baird, William, assignor.)
- Imperial Chemical Industries Limited. (See Baird, W., and Hill, assignors.)
- Imperial Chemical Industries Limited. (See Baldwin, A. W., Everatt, and Knight, assignors.)
- Imperial Chemical Industries Limited. (See Baldwin, A. W., and Hailwood, assignors.)
- Imperial Chemical Industries Limited. (See Baldwin, A. W., Heilbron and Jones, assignors.)
- Imperial Chemical Industries Limited. (See Baldwin, A. W., and Knight, assignors.)
- Imperial Chemical Industries Limited. (See Baxter, John P., assignor.)
- Imperial Chemical Industries Limited. (See Beckett, Ernest G., assignor.)
- Imperial Chemical Industries Limited. (See Bradley, W., and Robinson, assignors.)
- Imperial Chemical Industries Limited. (See Brownsdon, H. W., Gee, and Wagstaff, assignors.)
- Imperial Chemical Industries Limited. (See Bunbury, H. M., and Clarke, assignors.)
- Imperial Chemical Industries Limited. (See Bunbury, H. M., Clarke, and Evans, assignors.)
- Imperial Chemical Industries Limited. (See Burgoine, E., and Soutar, assignors.)
- Imperial Chemical Industries Limited. (See Chappell, N., Haddock, and Lodge, assignors.)
- Imperial Chemical Industries Limited. (See Clarke, R. B. F., and Bunbury, assignors.)
- Imperial Chemical Industries Limited. (See Cocker, W., Davies, and Hill, assignors.)
- Imperial Chemical Industries Limited. (See Coffey, S., and Schofield, assignors.)
- Imperial Chemical Industries Limited. (See Coffey, S., and Sexton, assignors.)
- Imperial Chemical Industries Limited. (See Coffey, S., Lapworth, and Sexton, assignors.)
- Imperial Chemical Industries Limited. (See Corner, George H. C., and McGinn, assignors.)
- Imperial Chemical Industries Limited. (See Craik, James, assignor.)
- Imperial Chemical Industries Limited. (See Crawford, John W. C., assignor.)
- Imperial Chemical Industries Limited. (See Crawford, F. A. F., and Challenor, assignors.)
- Imperial Chemical Industries Limited. (See Davidson, Alfred, assignor.)
- Imperial Chemical Industries Limited. (See Davidson, A., and Reid, assignors.)
- Imperial Chemical Industries Limited. (See Dunbar, Charles, assignor.)
- Imperial Chemical Industries Limited. (See Ellingworth, S., Haddock, Lodge, and Lumsden, assignors.)
- Imperial Chemical Industries Limited. (See Evans, J. G., and Piggott, assignors.)
- Imperial Chemical Industries Limited. (See Fairweather, D. A. W., and Thomas, assignors.)
- Imperial Chemical Industries Limited. (See Fawcett, Erice, W., assignor.)
- Imperial Chemical Industries Limited. (See Goldstein, R. F., and Sexton, assignors.)
- Imperial Chemical Industries Limited. (See Haddock, N. H., and Kershaw, assignors.)
- Imperial Chemical Industries Limited. (See Haddock, N. H., and Lodge, assignors.)
- Imperial Chemical Industries Limited. (See Haddock, N. H., Lodge, and Lumsden, assignors.)
- Imperial Chemical Industries Limited. (See Haddock, N. H., Lodge, and Robinson, assignors.)
- Imperial Chemical Industries Ltd. (See Hall, W. K., and Heywood, assignors.)
- Imperial Chemical Industries Limited. (See Haupt, Albertus H., assignor.)
- Imperial Chemical Industries Limited. (See Hill, Rowland, assignor.)
- Imperial Chemical Industries Limited. (See Hodgson, Herbert H., assignor.)
- Imperial Chemical Industries Limited. (See Horsley, George F., assignor.)
- Imperial Chemical Industries Limited. (See Howes, Donald A., assignor.)
- Imperial Chemical Industries Limited. (See Jackson, K. S., Wainwright, and Hailes, assignors.)
- Imperial Chemical Industries Limited. (See Kershaw Arnold, assignor.)
- Imperial Chemical Industries Limited. (See Knight, Arthur H., assignor.)
- Imperial Chemical Industries Limited. (See Knight, A. H., and Sexton, assignors.)



- Imperial Chemical Industries Limited. (See Learmonth, William, assignor.)
- Imperial Chemical Industries Limited. (See Levesley, A. S., and Craik, assignors.)
- Imperial Chemical Industries Limited. (See Linch, F. W., and Stocks, assignors.)
- Imperial Chemical Industries Limited. (See Linstead, R. P. and Dent, assignors.)
- Imperial Chemical Industries Limited. (See Linstead, R. P., and Lowe, assignors.)
- Imperial Chemical Industries Limited. (See Lodge, F., and Lumsden, assignors.)
- Imperial Chemical Industries Limited. (See Lodge, F., and Piggott, assignors.)
- Imperial Chemical Industries Limited. (See Mendoza, Mordecai, assignor.)
- Imperial Chemical Industries Limited. (See Mendoza, M., and Rose, assignors.)
- Imperial Chemical Industries Limited. (See McQueen, S. T., and Stewart, assignors.)
- Imperial Chemical Industries Limited. (See Nonhebel, G., Pearson, and Learmonth, assignors.)
- Imperial Chemical Industries Limited. (See Oakeshott, Stephen H., assignor.)
- Imperial Chemical Industries Limited. (See Oosterhof, D., and van Vlodrop, and Waterman, assignors.)
- Imperial Chemical Industries Limited. (See Paine, Clifford, assignor.)
- Imperial Chemical Industries Limited. (See Piggott, Henry A., assignor.)
- Imperial Chemical Industries Limited. (See Piggott, H. A., and White, assignors.)
- Imperial Chemical Industries Limited. (See Renfrew, Archibald, assignor.)
- Imperial Chemical Industries Limited. (See Rodd, E. H., and Watts, assignors.)
- Imperial Chemical Industries Limited. (See Rubenstein, Leon, assignor.)
- Imperial Chemical Industries Limited. (See Sayles, Henry S., assignor.)
- Imperial Chemical Industries Limited. (See Sexton, Wilfred A., assignor.)
- Imperial Chemical Industries Limited. (See Sharp, Frederick L., assignor.)
- Imperial Chemical Industries Limited. (See Shaw, Cecil, assignor.)
- Imperial Chemical Industries Limited. (See Sosson, Charles E., assignor.)
- Imperial Chemical Industries Limited. (See Sosson, C. E., and Barlow, assignors.)
- Imperial Chemical Industries Limited. (See Taylor, James, assignor.)
- Imperial Chemical Industries Limited. (See Thomson, Mitchell G., assignor.)
- Imperial Chemical Industries Limited. (See Thomson, R. F., Smith, and Primrose, assignors.)
- Imperial Chemical Industries Limited. (See Traill, David, assignor.)
- Imperial Chemical Industries Limited. (See Tyrer, Daniel, assignor.)
- Imperial Chemical Industries Limited. (See White, Albert G., assignor.)
- Imperial Chemical Industries Limited. (See Williams, Vernon H., assignor.)
- Imperial Chemical Industries Limited. (See Wormald, Alec, assignor.)
- Imperial Chemical Industries Limited. (See Wyler, Max, assignor.)
- Imperial Chemical Industries Limited. (See Wyler, M., and Kersey, assignors.)
- Imperial Chemical Industries Limited. (See Wyler, M., Kersey, and Smith, assignors.)
- Improved Seamless Wire Company, The. (See Gibbs, Ralph F., assignor.)
- Imrie, James E., Grand Rapids, Mich. Dry kiln. 2,063,438; Dec. 8.
- Imschweller, John, Inglewood, Calif. Pancake turner. 2,033,635; Mar. 10.
- Imschweller, John, Inglewood, Calif. Automatic poultry fountain valve. 2,043,477; June 9.
- Inboden, John C., and C. E. Johnson, Canandaigua, N. Y. Storage tank. 2,056,857; Oct. 6.
- Inch, Alexander C., Chiswick, London, England, assignor, by mesne assignments, to The Permutit Company, (1934), Wilmington, Del. Water treating apparatus. 2,036,634; Apr. 7.
- Indahl, Marie R., New York, N. Y. Hair curler. 2,041,413; May 19.
- Indahl, Mauritz C., Rydal, assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Typographic mold. 2,029,529; Feb. 4.
- Independent Air Filter Company. (See Dahlman, Verner, assignor.)
- Independent Crop Dusting Inc. (See Robertson, Milton S., assignor.)
- Independent Die and Supply Company. (See Lindholm, Courtney R., assignor.)
- Independent Pneumatic Tool Co. (See Douglass, C. N., and Norling, assignors.)
- Independent Pneumatic Tool Co. (See Forss, Frithiof P., assignor.)
- Independent Pneumatic Tool Co. (See Hamerly, Frank B., assignor.)
- Independent Pneumatic Tool Co. (See Hultquist, Charles A., assignor.)
- Independent Pneumatic Tool Co. (See Kuehne, Herman, assignor.)
- Independent Pneumatic Tool Co. (See Norling, Reinhold A., assignor.)
- Indera Mills Company. (See Martin, Charles L., assignor.)
- Indian Refining Company. (See Govers, Francis X., assignor.)
- Indian Territory Illuminating Oil Company. (See Beardmore, Herbert F., assignor.)
- Indian Territory Illuminating Oil Company. (See Rison, Carey O., assignor.)
- Indiana Condensed Milk Company. (See Kennedy, Alex R., assignor.)
- Indiana Steel & Wire Company. (See Judy, Paul R., assignor.)
- Indiana Steel & Wire Company. (See Kitselman, Alva L., assignor.)
- Indiana Steel & Wire Company. (See Pennington, Harry R., assignor.)
- Indianapolis Corporation. (See Anderson, Roy F., assignor.)
- Indianapolis Glove Company. (See Zwick, Charles F., assignor.)
- Indianapolis Wire Bound Box Company. (See Gardner, George B., assignor.)
- India Rubber, Gutta Percha and Telegraph Works Company Limited. (See Tarris, Frederick J., assignor.)
- Indicator Corporation. (See Schiller, Frederick A., assignor.)
- Individual Drinking Cup Company. (See Graham, Samuel J., assignor.)
- Indo-Vin Corporation. (See Mosby, Gilbert H., assignor.)
- Industrial Brownhoist Corporation. (See Taylor, Ernest W., assignor.)
- Industrial By-Products and Research Corporation. (See Simon, Charles L., assignor.)
- Industrial Chemical Sales Company. (See Harris, John P., assignor.)
- Industrial Electronic Control Co. Inc. (See Bereche, Ernest V., assignor.)
- Industrial Gloves Corporation. (See Jensen, Karl E., assignor.)
- Industrial Improvements Incorporated. (See Kirby, James B., assignor.)
- Industrial Laboratories, Ltd. (See Cox, Edwin E., assignor.)
- Industrial Patents Corporation. (See Bech, Joseph, assignor.)
- Industrial Patents Corporation. (See Bellinghausen, Walter, assignor.)
- Industrial Patents Corporation. (See Brewster, Frederick T., assignor.)
- Industrial Patents Corporation. (See Christopher, Edward F., assignor.)
- Industrial Patents Corporation. (See Collins, Joel L., assignor.)
- Industrial Patents Corporation. (See Davis, Elmer M., assignor.)
- Industrial Patents Corporation. (See De Moss, Leonard, assignor.)
- Industrial Patents Corporation. (See De Vout, Anson W., assignor.)
- Industrial Patents Corporation. (See Droege Orville E., assignor.)
- Industrial Patents Corporation. (See Dziedzic, N. J., and McKee, assignors.)
- Industrial Patents Corporation. (See Grettie, Donald P., assignor.)
- Industrial Patents Corporation. (See Haase, Heinrich E., assignor.)
- Industrial Patents Corporation. (See Jackson, Robert M., assignor.)
- Industrial Patents Corporation. (See Klaus, Fred, assignor.)
- Industrial Patents Corporation. (See McKee, H. H., and McDonald, assignors.)
- Industrial Patents Corporation. (See Newton, R. C., and Grettie, assignors.)
- Industrial Patents Corporation. (See Paddock, L. S., and Rinehart, assignors.)
- Industrial Patents Corporation. (See Roth, W. D., Brown, and Phelps, assignors.)
- Industrial Patents Corporation. (See Straeten, Charles L., assignor.)
- Industrial Patents Corporation. (See Walter, Charles T., assignor.)
- Industrial Process Company. (See Goodwin, N., and Poindexter, assignors.)
- Industrial Rayon Corporation. (See Knebusch, Walter F., assignor.)
- Industrial Rayon Corporation. (See Knebusch, W. F., and Hillix, assignors.)
- Industrial Rayon Corporation. (See Lovett, Louis E., assignor.)
- Industrial Research Corporation. (See White, R. H., Jr., and Vaughan, assignors.)
- Industrial Research Laboratories, Ltd. (See Kormann, F. A., and Hirsch, assignors.)
- Industrial Research Limited. (See Snyder, F. H., and McLaren, assignors.)
- Industrial Wire Cloth Products Company. (See Jacobs, Clarence E., assignor.)
- Industrie A. G. Allegro. (See Schurmann, Martin, assignor.)



- Industrikemiska Aktiebolaget. (See Göth, Hans E. A., assignor.)
- Industrikemiska Aktiebolaget. (See Öman, Erik, assignor.)
- Industrikemiska Aktiebolaget. (See Öman, E., and Göth, assignors.)
- Industrikemiska Aktiebolaget. (See Öman, E., and Ledin, assignors.)
- Inertol Company. (See Holtz, Lee, assignor.)
- Infant Socks Company. (See Longtin, William J., assignor.)
- Infield, William W., Memphis, Tenn. Tank and filter system. 2,047,687; July 14.
- Ingalls, Alfred W. (See Shackford, E. W., and Ingalls.)
- Ingels, James J., assignor of one-half to E. Purnell and one-half to H. G. Goelitz, Chicago, Ill. Sheet metal cutter and edger. 2,031,604; Feb. 25.
- Ingersoll, Charles B., Cleveland, Ohio. Stud bolt wrench. 2,027,534; Jan. 14.
- Ingersoll, Edwin S., Rochester, N. Y. Typesetting device for X-ray identification and type holder therefor. 2,053,957; Sept. 8.
- Ingersoll, Ella I. (See Tatter, John W., assignor.)
- Ingersoll, George B. (See Tatter, John W., assignor.)
- Ingersoll, Homer H., Detroit, Mich. Solenoid motor. 2,056,674; Oct. 6.
- Ingersoll Milling Machine Company, The. (See Johnson, John R., assignor.)
- Ingersoll Milling Machine Company, The. (See Morgan, Everette K., assignor.)
- Ingersoll Milling Machine Company. (See Oberhoffken, Alexander, assignor.)
- Ingersoll Milling Machine Company. (See Oberhoffken, A., and Hanitz, assignors.)
- Ingersoll Milling Machine Company, The. (See Perry, Raymond S., assignor.)
- Ingersoll Milling Machine Company, The. (See Perry, R. S., Johnson and Oberhoffken, assignors.)
- Ingersoll Milling Machine Company, The. (See Strawn, M. L., and Rougemont, assignors.)
- Ingersoll-Rand Company. (See Baker, Charles S., assignor.)
- Ingersoll-Rand Company. (See Bayles, Lewis C., assignor.)
- Ingersoll-Rand Company. (See Frelin, Fritjof, assignor.)
- Ingersoll-Rand Company. (See Fuehrer, George H., assignor.)
- Ingersoll-Rand Company. (See Hansen, Charles C., assignor.)
- Ingersoll-Rand Company. (See Hibberd, F. H., Woodard, and Kirgan, assignors.)
- Ingersoll-Rand Company. (See Hoffman, Paul, assignor.)
- Ingersoll-Rand Company. (See Huff, Leslie R., assignor.)
- Ingersoll-Rand Company. (See Hulshizer, George W., assignor.)
- Ingersoll-Rand Company. (See Jones, Joseph W., assignor.)
- Ingersoll-Rand Company. (See Karr, Alfred D., assignor.)
- Ingersoll-Rand Company. (See Kirgan, John, assignor.)
- Ingersoll-Rand Company. (See Le Valley, John, assignor.)
- Ingersoll-Rand Company. (See Le Valley, J., and Stenger, assignors.)
- Ingersoll-Rand Company. (See Metzgar, Chester W., assignor.)
- Ingersoll-Rand Company. (See Miller, Ralph, assignor.)
- Ingersoll-Rand Company. (See Morrison, William A., assignor.)
- Ingersoll-Rand Company. (See Peters, Arthur E., assignor.)
- Ingersoll-Rand Company. (See Reynolds, Harold C., assignor.)
- Ingersoll-Rand Company. (See Slater, Fred M., assignor.)
- Ingersoll-Rand Company. (See Smickle, Raymond H., assignor.)
- Ingersoll-Rand Company. (See Smith, William A., Sr., assignor.)
- Ingersoll-Rand Company. (See Smith, W. A., Sr., and Mack, assignors.)
- Ingersoll-Rand Company. (See Stenger, August M., assignor.)
- Ingersoll-Rand Company. (See Terry, Edward F., assignor.)
- Ingersoll-Rand Company. (See Woodard, George H., assignor.)
- Ingersoll-Rand Company. (See Woodard, G. H., and Kirgan, assignors.)
- Ingersoll, Stephen L., assignor to Borg-Warner Corporation, Chicago, Ill. Ironing-shoe and manufacture thereof. 2,038,363; Apr. 21.
- Inglis, Alfred H., Orange, N. J., assignor to American Telephone and Telegraph Company. Telephone system. 2,041,933; May 26.
- Ingraham, Charles C., Minneapolis, Minn., assignor to Hart-Carter Company, Peoria, Ill. Grain separator. 2,047,508; July 14.
- Ingraham, George B. (See Bosence, A. L., and Ingraham.)
- Ingraham, Harold O. C., Greenwich, Conn., assignor to General Chemical Company, New York, N. Y. Method and apparatus for the production of sulphur dioxide. 2,030,021; Feb. 4.
- Ingraham, Harold O. C., Greenwich, Conn., assignor to General Chemical Company, New York, N. Y. Production of sulphur dioxide. 2,057,099; Oct. 13.
- Ingram, Edgar W., and E. G. Billings, assignors to White Castle System, Inc., Columbus, Ohio. Bun baking pan. 2,057,951; Oct. 20.
- Ingram, Joseph R., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Rubber composition and preservation of rubber. 2,062,885; Dec. 1.
- Ingram, Joseph R., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Preservation of rubber. 2,064,752; Dec. 15.
- Ingrassia, William. (See Cogito, J., and Ingrassia.)
- Ingstad, Edward. (See Hannewald, B. A., and Ingstad.)
- Ingwer, Carl H., Elyria, Ohio. Rubber heel. 2,037,133; Apr. 14.
- Inland Lime and Stone Company. (See Wygal, Clyde D., assignor.)
- Inland Manufacturing Company, The. (See Tinkham, Guy L., assignor.)
- Inland Wire Products Co. (See Johnson, Eric A., assignor.)
- Inman, Daniel O., Lena, Ill. Comb cleaner. 2,036,527; Apr. 7.
- Inman, George E., East Cleveland, Ohio, assignor to General Electric Company. Mounting and thermoinsulative jacket for vapor electric devices. 2,042,153; May 26.
- Inman, Harry A., Newark, N. Y. Carton. 2,041,609; May 19.
- Inman, Harry A., Newark, N. Y. Carton. 2,064,065; Dec. 15.
- Ingman, Thomas M. (See Garbutt, F. E., Ingman, and Cunningham.)
- Inman, William H., assignor to Bloomer Bros. Company, Newark, N. Y. Container for fragile articles. 2,056,195; Oct. 6.
- Inman, William H., assignor to Bloomer Bros. Company, Newark, N. Y. Collapsible box. 2,056,969; Oct. 13.
- Ingmanson, John H., Rahway, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Treatment of rubber. 2,061,276; Nov. 17.
- Innes, George, Davenport, assignor to Innes Manufacturing Company, Bettendorf, Iowa. Baling apparatus. 2,030,031; Feb. 4.
- Innes, Irvine, Minneapolis, Minn. Hand stamp. 2,034,191; Mar. 17.
- Innes Manufacturing Company. (See Innes, George, assignor.)
- Innis, Speiden & Co. (See Bridgeman, W. A. and Bridgman.)
- Innovation Brakes, Inc. (See Shelor, Frederick L., assignor.)
- Inoue, Shintaro, Kobe-Ku, Kobe-Shi, Japan. Apparatus for emitting volatile matters of medicinal matters by fumigation. 2,047,324; July 14.
- Inscho, Sidney D., Shelby, Ohio. Method and apparatus for reducing tubing. 2,051,948; Aug. 25.
- Inscho, Sidney D., Shelby, Ohio. Method and apparatus for reducing tubing. 2,051,949; Aug. 25.
- Insect-O Products Company. (See Budwig, Gilbert G., assignor.)
- Inskip, Leonard S. (See Ferris, L. P., Honaman, and Inskip.)
- Inskip, Leonard S. (See Honaman, R. K., Inskip, and Swart.)
- Instanta Electric Limited. (See Clayton, Gerard C. H., assignor.)
- Institute of Paper Chemistry. (See Kress, O., and Johnson, assignors.)
- Institute of Paper Chemistry, The. (See Kress, O., and Johnson, assignors.)
- Insulated Steel Construction Company. (See Clark, Mills G., assignor.)
- Insulite Company, The. (See Barrett, William, assignor.)
- Insulite Company, The. (See Ellis, George H., assignor.)
- Inter-Collegiate Press. (See Bender, Robert W., assignor.)
- Inter-Counties Limited. (See Fraser, Hugh, assignor.)
- Intermetal Corporation. (See Jenness, Leslie G., assignor.)
- International Banding Machine Company. (See Malocsay, Francis X., assignor.)
- International Bitumen Emulsions Corporation. (See Bly, Edwin P., assignor.)
- International Braid Company. (See Dennis, John R., assignor.)
- International Business Machines Corporation. (See Armbruster, John W., assignor.)
- International Business Machines Corp. (See Ayres, W., and Fryer, assignors.)
- International Business Machines Corporation. (See Borgert, Henry E., assignor.)
- International Business Machines Corporation. (See Bryce, James W., assignor.)
- International Business Machines Corporation. (See Bryce, J. W., and Daly, assignors.)
- International Business Machines Corporation. (See Bryce, J. W., Daly, and Cunningham, assignors.)
- International Business Machines Corporation. (See Buhler, Eugen, assignor.)
- International Business Machines Corporation. (Carroll, F. M., and Smith, assignors.)
- International Business Machines Corporation. (See Carroll, F. M., and Bakelaar, assignors.)
- International Business Machines Corporation. (See Cunningham, James M., assignor.)
- International Business Machines Corporation. (See Daly, George F., assignor.)



- International Business Machines Corporation. (See Dickinson, Arthur H., assignor.)
- International Business Machines Corporation. (See Ditzuns, Fritz, assignor.)
- International Business Machines Corporation. (See Doty, Charles R., assignor.)
- International Business Machines Corporation. (See Ecker, William E., assignor.)
- International Business Machines Corporation. (See Ewald, Bernhard K. F., assignor.)
- International Business Machines Corporation. (See Fitch, Clyde J., assignor.)
- International Business Machines Corporation. (See Ford, Eugene A., assignor.)
- International Business Machines Corporation. (See Furman, Frank J., assignor.)
- International Business Machines Corporation. (See Garman, H. F., and Woodruff, assignors.)
- International Business Machines Corporation. (See Gilbert, William N., assignor.)
- International Business Machines Corporation. (See Gumprich, W., and Gilbert, assignors.)
- International Business Machines Corporation. (See Harrison, Laurence S., assignor.)
- International Business Machines Corporation. (See Keen, Harold H., assignor.)
- International Business Machines Corporation. (See Kirkegaard, Einar L., assignor.)
- International Business Machines Corporation. (See Kölm, Ulrich, assignor.)
- International Business Machines Corporation. (See Lake, Clair D., assignor.)
- International Business Machines Corporation. (See Lake, C. D., and Hamilton, assignors.)
- International Business Machines Corporation. (See Lang, William, assignor.)
- International Business Machines Corporation. (See Larrabee, Clinton E., assignor.)
- International Business Machines Corporation. (See Lemon, Walter S., assignor.)
- International Business Machines Corporation. (See Little, James A., assignor.)
- International Business Machines Corporation. (See Malmros, Gustav V. A., assignor.)
- International Business Machines Corporation. (See Maul, Michael, assignor.)
- International Business Machines Corporation. (See Mills, Albert W., assignor.)
- International Business Machines Corporation. (See Page, Ralph E., assignor.)
- International Business Machines Corporation. (See Palmer, Ralph L., assignor.)
- International Business Machines Corporation. (See Peirce, John R., assignor.)
- International Business Machines Corporation. (See Peirce, J. R., and Torkelson, assignors.)
- International Business Machines Corporation. (See Petz, John L., assignor.)
- International Business Machines Corporation. (See Rast, Frederick Q., assignor.)
- International Business Machines Corporation. (See Reppert, Richard V., assignor.)
- International Business Machines Corporation. (See Rose, Ernest, assignor.)
- International Business Machines Corporation. (See Schaaff, John T., assignor.)
- International Business Machines Corporation. (See Scharr, Walter P., assignor.)
- International Business Machines Corporation. (See Simpson, Albert H., assignor.)
- International Business Machines Corporation. (See Sprecker, Alfred L., assignor.)
- International Business Machines Corporation. (See Tauschek, Gustav, assignor.)
- International Business Machines Corporation. (See Thorsson, Matthew T., assignor.)
- International Business Machines Corporation. (See Valtat, Raymond L. A., assignor.)
- International Business Machines Corporation. (See Von Pein, Edward J., assignor.)
- International Business Machines Corporation. (See von Pein, E. J., and Gilbert, assignors.)
- International Business Machines Corporation. (See Wellman, Charles O., assignor.)
- International Carbonic Engineering Company. (See Eichmann, Theophil, assignor.)
- International Carbonic, Inc. (See Rice, Edward, Jr., assignor.)
- International Carbonic Engineering Company. (See Ruffer, H., and Eichmann, assignors.)
- International Cellucotton Products Company. (See Davis, M. N., and Greiner, assignors.)
- International Cellucotton Products Company. (See Fourness, C. A., and Greiner, assignors.)
- International Cellucotton Products Company. (See Fourness, C. A., and Hagen, assignors.)
- International Cellucotton Products Company. (See Fourness, C. A., and Whelan, assignors.)
- International Cellucotton Products Company. (See Jurgensen, August P., assignor.)
- International Cement Corporation. (See Avnsoe, T., and Posselt, assignors.)
- International Cement Corporation. (See Durbin, Harvey R., assignor.)
- International Cement Corporation. (See Norvig, Johan, assignor.)
- International Chromium Process Corporation. (See Simpson, Kenneth M., assignor.)
- International Communications Laboratories, Inc. (See Clavier, André G., assignor.)
- International Communications Laboratories, Inc. (See Flood, Malcolm L., assignor.)
- International Communications Laboratories, Inc. (See Green, Cecil H., assignor.)
- International Communications Laboratories, Inc. (See Henry, Ferdinand G., assignor.)
- International Communications Laboratories, Inc. (See Hitt, Parker, assignor.)
- International Communications Laboratories Incorporated. (See Smith, Clyde, assignor.)
- International Derrick & Equipment Company. (See Boykin, Burwell, Jr., assignor.)
- International Door Company. (See Hagenbook, Thurlow M., assignor.)
- International Door Company. (See Shields, John W., assignor.)
- International Door Company. (See Shields, J. W., and Hagenbook, assignors.)
- International Engineering, Inc. (See Langenkamp, A. G., and McElroy, assignors.)
- International Golf Plate Corporation. (See Levy, Samuel F., assignor.)
- International Handkerchief Manufacturing Co., The. (See Anderson, Gustave A., assignor.)
- International Harvester Company. (See Acton, Russel D., assignor.)
- International Harvester Company. (See Baker, D. B., and Rogers, assignors.)
- International Harvester Company. (See Baker, D. B., Rogers, and Panzegrau, assignors.)
- International Harvester Company. (See Bechman, William O., assignor.)
- International Harvester Company. (See Benjamin, B. R., and Morkovski, assignors.)
- International Harvester Company. (See Burger, Leopold F., assignor.)
- International Harvester Company. (See Crumb, C. F., and Roscoe, assignors.)
- International Harvester Company. (See Duhain, Ernest, assignor.)
- International Harvester Company. (See Graves E. R., and Powell, assignors.)
- International Harvester Company. (See Harrison, F. H., Hannett, and Cesterle, assignors.)
- International Harvester Company. (See Harstick, William H., assignor.)
- International Harvester Company. (See Hartmann, Charles I., assignor.)
- International Harvester Company. (See Hilblom, Samuel E., assignor.)
- International Harvester Company. (See Hitchcock, Rex B., assignor.)
- International Harvester Company. (See Hunt, Arthur T., assignor.)
- International Harvester Company. (See Johnson, Arnold E. W., assignor.)
- International Harvester Company. (See Johnson, A. E. W., and Mowry, assignors.)
- International Harvester Company. (See Johnston, Edward A., assignor.)
- International Harvester Company. (See Johnston, E. A., and Baker, assignors.)
- International Harvester Company. (See Johnston, E. A., and Benjamin, assignors.)
- International Harvester Company. (See Kaupke, Lee H., assignor.)
- International Harvester Company. (See Kowalsky, Andrew, assignor.)
- International Harvester Company. (See Kriegbaum, G. M., and Haas, assignors.)
- International Harvester Company. (See Lindgren, Alexis C., assignor.)
- International Harvester Company. (See Lindgren, A. C., and Baker, assignors.)
- International Harvester Company. (See Lindgren, A. C., and Raney, assignors.)
- International Harvester Company. (See MacDonald, Raymond D., assignor.)
- International Harvester Company. (See Mitchell, Melville J., assignor.)
- International Harvester Company. (See Muench, William F., assignor.)
- International Harvester Company. (See Olson, Glen J., assignor.)
- International Harvester Company. (See Panzegrau, Norman O., assignor.)
- International Harvester Company. (See Raney, Clemma R., assignor.)
- International Harvester Company. (See Reinoehl, H. K., and Kuttler, assignors.)
- International Harvester Company. (See Robinson, Charles W., assignor.)
- International Harvester Company. (See Ronning, Adolph, and A. G., assignors.)
- International Harvester Company. (See Scarlett, Arthur A., assignor.)
- International Harvester Company. (See Straub, J. C. A., and Manwarning, assignors.)



- International Harvester Company. (See Welty, Albert B., assignor.)
- International Harvester Company. (See Wessman, Arnt W., assignor.)
- International Harvester Company. (See Wilson, Walter C., assignor.)
- International Latex Corporation. (See Gammeter, John R., assignor.)
- International Lead Refining Co. (See Peterman, Fernando B., assignor.)
- International Mailing Tube and Wrapper Company. (See Greve, Herman L., assignor.)
- International Manufacturing Company, The. (See Johnson, Roy W., assignor.)
- International Milling Company. (See Bean, Francis A., assignor.)
- International Motor Company. (See Day, William E., Jr., assignor.)
- International Motor Company. (See Loeffler, Bruno, assignor.)
- International Motor Company. (See Manville, Keith R., assignor.)
- International Motor Company. (See Matthews, Philip E., assignor.)
- International Motor Company. (See Post, El. M., Jr., and Hanshaw, assignors.)
- International Motor Company. (See Robbins, Azor D., assignor.)
- International Motor Company. (See Robbins, A. D., and Little, assignors.)
- International Motor Company. (See Walker, John, assignor.)
- International Motor Company. (See Wirrer, Gottfried, assignor.)
- International Motor Patents Proprietary Limited. (See Falconer, William S., assignor.)
- International Nickel Company, The. (See Erickson, Edward S., assignor.)
- International Nickel Company, The. (See Fraser, H. J., and Owens, assignors.)
- International Nickel Company, The. (See McKay, R. J., and Wise, assignors.)
- International Nickel Company, The. (See Merica, Paul D., assignor.)
- International Nickel Company, The. (See Mudge, William A., assignor.)
- International Nickel Company, The. (See Pilling, N. B., and Merica, assignors.)
- International Nickel Company, The. (See Wise, Edmund M., assignor.)
- International Nickel Company, The. (See Wise, E. M., and Vines, assignors.)
- International Nickel Company of Canada, The. (See Simcox, I. J., and Peek, assignors.)
- International Oil-Gas Corporation. (See Harris, Leonard B., assignor.)
- International Paper Company. (See Adams, A. G., and Bertain, assignors.)
- International Paper Company. (See Bebie, Edwin W., assignor.)
- International Paper Company. (See Campbell, John, assignor.)
- International Paper Company. (See Campbell, J., and Quinn, assignors.)
- International Paper Company. (See Charlton, Edgar A., assignor.)
- International Paper Company. (See Cheatham, Orme E., assignor.)
- International Paper Company. (See Hurrey, Ross C., assignor.)
- International Paper Company. (See Lang, Frank J., assignor.)
- International Paper Company. (See Murray, James M., assignor.)
- International Paper Company. (See Quinn, Robert G., assignor.)
- International Paper Company. (See Randall, Charles W., assignor.)
- International Paper Company. (See Scholl, A. A., and Novick, assignors.)
- International Patents Development Company. (See Bruce, Thomas A., assignor.)
- International Patents Development Company. (See Chalmers, George W., assignor.)
- International Patents Development Company. (See Copland, Charles J., assignor.)
- International Patents Development Company. (See Ebert, C., and Newkirk, assignors.)
- International Patents Development Company. (See Jefferies, Fredrick L., assignor.)
- International Patents Development Company. (See Kerr, Ralph W., assignor.)
- International Patents Development Company. (See Meyer, Heinrich, assignor.)
- International Patents Development Company. (See Newkirk, William B., assignor.)
- International Patents Development Company. (See Sjoström, Otto A., assignor.)
- International Patents, Ltd. (See John, Robert, assignor.)
- International Patents Development Company. (See Shurback, Samuel, assignor.)
- International Precipitation Company. (See Engert, Eugen, assignor.)
- International Precipitation Company. (See Grave, Georg, assignor.)
- International Precipitation Company. (See Lissman, Marcel A., assignor.)
- International Precipitation Company. (See Ruder, H. B., and Fiesel, assignors.)
- International Printing Ink Corporation, The. (See Jeuck, Francis J., assignor.)
- International Projector Corporation. (See Boecking, Ewald, assignor.)
- International Pulverizing Corporation. (See Andrews, Norwood H., assignor.)
- International Register Company. (See Larson, Axel F., assignor.)
- International Register Company. (See Woodward, Arthur H., assignor.)
- International Resistance Company. (See Pender, Harold, assignor.)
- International Scientific Products Co. (See Elbel, Eberhard, assignor.)
- International Seal and Knot Protector Co., The. (See Keidel, Frank, assignor.)
- International Silver Company. (See Marcy, L. B., and Egeberg, assignors.)
- International Spotlight Corporation. (See Sklarek, Clifford, assignor.)
- International-Stacey Corporation. (See Bloss, Richard R., assignor.)
- International-Stacey Corporation. (See Pranger, A., and Boykin, assignors.)
- International Standard Electric Corporation. (See Chereau, L. N. Deloraine, Guilbaud, Smets, and Van Mierlo, assignors.)
- International Standard Electric Corporation. (See Scott, T. R., and Menzies, assignors.)
- International Standard Electric Corporation. (See Scott, T. R., and Webb, assignors.)
- International Steel Wool Corporation. (See Galvin, Charles E., assignor.)
- Interrante, Frank, Brooklyn, N. Y. Hairpin clasp. 2,031,483; Feb. 18.
- Interrante, Frank, Brooklyn, N. Y. Hairpin clasp. 2,031,484; Feb. 18.
- Interstate Mechanical Products Corporation. (See Ganzert, George J., assignor.)
- Intertype Corporation. (See Blair, John E., assignor.)
- Intertype Corporation. (See Freund, Herman R., assignor.)
- Intertype Corporation. (See Freund, H. R., and Turner, assignors.)
- Intertype Corporation. (See Harris, W. R., and Reese, assignors.)
- Intertype Corporation. (See Klingberg Einar G., assignor.)
- Intertype Corporation. (See Klingberg, E. G., and Anderson, assignors.)
- Intertype Corporation. (See Sperry, Arthur G., assignor.)
- Intertype Corporation. (See Turner, Ransom H., assignor.)
- Intertype Corporation. (See Willis, Le Roy W., assignor.)
- Inventa Patent-Verwertungs-Gesellschaft. (See Engberg, A. O., and Eriksson-Jons, assignors.)
- Inventions Holding Corporation. (See Fox, Ansely H., assignor.)
- Invex Corporation. (See Craig, Palmer H., assignor.)
- Ioannu, John P., assignor to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Making high grade saccharine products and refining raw sugars. 2,059,110; Oct. 27.
- Ion Corporation. (See Kott, Herman, assignor.)
- Iowa Malleable Iron Company. (See van Lantschoot, August A., assignor.)
- Iowa State College of Agriculture and Mechanical Arts, the state of Iowa. (See Levine, M., Galligan, and Luebers, assignors.)
- Iowa State College Alumni Association, Incorporated. (See Collins, Edgar V., assignor.)
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Purification of gases. 2,035,889; Mar. 31.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,037,789; Apr. 21.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,037,790; Apr. 21.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,037,791; Apr. 21.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,037,792; Apr. 21.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,039,798; May 5.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,039,799; May 5.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of alkyl phenols. 2,046,900; July 7.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,057,433; Oct. 13.



- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of inhibitors. 2,058,881; Oct. 27.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of hydrocarbons. 2,060,871; Nov. 17.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of alkyl phosphates. 2,062,312; Dec. 1.
- Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oil. 2,063,933; Dec. 15.
- Ipatieff, Vladimir, and V. Komarewsky, assignors to Universal Oil Products Company, Chicago, Ill. Polymerization of olefins. 2,051,859; Aug. 25.
- Ipatieff, Vladimir and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,057,432; Oct. 13.
- Ireland, Dwight B., executor et al. (See Ireland, George E.)
- Ireland, Edith M., executor et al. (See Ireland, George E.)
- Ireland, George E., assignor to The City Machine & Tool Company, Toledo, Ohio. Formation of radiator shells. 2,033,900; Mar. 10.
- Ireland, George E., deceased, Toledo, by E. M. Ireland, Dayton, and D. B. Ireland, Washington Court House, executors, assignor to The City Machine & Tool Company, Toledo, Ohio. Radiator shell. 2,033,901; Mar. 10.
- Ireland, Murray, assignor, by mesne assignments, to McGraw Electric Company, Chicago, Ill. Electric cooking appliance. 2,036,049; Mar. 31.
- Ireland, Samuel W., Atlantic City, N. J. Percolator. 2,027,481; Jan. 14.
- Ireland, Thomas H., Rockville Centre, N. Y. Water heater. 2,029,927; Feb. 4.
- Irenius, Joseph V., Brooklyn, N. Y., assignor to The Dolly Toy Company, Dayton, Ohio. Climbing toy. 2,064,119; Dec. 15.
- Irey, Kenneth M., Ridgefield Park, N. J., assignor to Resinox Corporation, New York, N. Y. Molding composition. 2,038,113; Apr. 21.
- Irey, Kenneth M., Ridgefield Park, N. J., and L. C. Swallen, Terre Haute, Ind., assignors to Resinox Corporation, New York, N. Y. Production of molding resins. 2,059,526; Nov. 3.
- Irgens, Finn T., Wauwatosa, assignor to Outboard Motors Corporation, Milwaukee, Wis. Internal combustion engine. 2,031,891; Feb. 25.
- Irgens, Finn T., Wauwatosa, assignor to Outboard Motors Corporation, Milwaukee, Wis. Lower unit for outboard motors. 2,039,535; May 5.
- Irgens, Finn T., Wauwatosa, assignor to Outboard Motors Corporation, Milwaukee, Wis. Power lawn mower. 2,055,724; Sept. 29.
- Irgens, Finn T., assignor to Outboard Motors Corporation, Milwaukee, Wis. Rotary valve. 2,032,578; Mar. 3.
- Irick, Haden R., Spokane, assignor of one-half to L. L. Ritter, Hooper, Wash. Vegetable slicing machine. 2,041,766; May 26.
- Irish, Russell E., Pittsburgh, Pa. Orthodontic anchorage. 2,032,282; Feb. 25.
- Irish, Russell E., Pittsburgh, Pa. Soldering implement for use in assembling orthodontic devices. 2,032,936; Mar. 3.
- Irmscher, Hans. (See Hirsch, S., and Irmscher.)
- Irmscher, Hans, assignor to Millie Patent Holding Co. Inc., New York, N. Y. Reeling device for tag forming machines. 2,026,897; Jan. 7.
- Irmscher, Hans, assignor to Millie Patent Holding Co. Inc., New York, N. Y. Bag forming machine. 2,027,172; Jan. 7.
- Iron Fireman Manufacturing Company. (See Carter, Haskell C., assignor.)
- Iron Fireman Manufacturing Company. (See Webb, Ernest C., assignor.)
- Irons, Robert H., Harrisburg, and A. E. Eck, Camp Hill, assignors to Central Iron & Steel Company, Harrisburg, Pa. Highway guard. 2,056,858; Oct. 6.
- Irons, Ross C., Bellevue, Ohio. Packaging foods. 2,044,245; June 16.
- Irvine, Andrew. (See Roshirt, R. J., Bateman, and Irvine.)
- Irvine, Fergus A., New Orleans, La. Manufacturing hard board. 2,044,213; June 16.
- Irvine, Jan S. (See Slayter, G., Irvine, and Thomas.)
- Irving Air Chute Company. (See Rogers, Harold G., assignor.)
- Irving, Kenneth, et al. (See Jones, Jacob, assignor.)
- Irving, Philip L., Port Huron, Mich., and J. L. Gowie, Sarnia, Ontario, Canada, assignors to Mueller Brass Co., Port Huron, Mich. Sprinkler head. 2,048,125; July 21.
- Irving Trust Company, permanent trustee. (See Ball, Harry V., assignor.)
- Irving Trust Company, permanent trustee. (See Higgins, Gilbert H.)
- Irving Trust Company, permanent trustee. (See Higgins, G. H., and Huck, assignors.)
- Irving Trust Company, permanent trustee. (See Huck, William F., assignor.)
- Irving Trust Company, Permanent Trustee. (See Lamatsch, Frederick.)
- Irving Trust Company, permanent trustee. (See Lengel, A. L., and Andersen.)
- Irving Trust Company, Permanent Trustee. (See Zuckerman, Adolph M.)
- Irving Trust Company, trustee. (See Horton, Albert J., assignor.)
- Irving Trust Company, trustee. (See Melnick, Myer, assignor.)
- Irving Trust Company (trustee). (See Tomlin, John R.)
- Irrington Varnish & Insulator Co. (See Damitz, Frederick M., assignor.)
- Irwin Auger Bit Company, The. (See Swain, Howland M., assignor.)
- Irwin, Chester M., Milwaukee, assignor to Whyt-Rox Chemical Company, Wauwatosa, Wis. Filter material and method of making same. 2,066,271; Dec. 29.
- Irwin, Clifford R., Los Angeles, Calif. Locking-band. 2,028,609; Jan. 21.
- Irwin, Edward G. (See Irwin, Urth D., and E. G.)
- Irwin, John P., C. B. Thorne, and M. Cox, Cleveland, Ohio, E. T. Thorne, administratrix of said C. B. Thorne, deceased. Apparatus for cleaning gas. 2,056,789; Oct. 6.
- Irwin, Joseph A., Cleveland, Ohio. Building construction fabricating device. 2,026,835; Jan. 7.
- Irwin, Lawrence C., Brooklyn, N. Y. Refrigerator controller. 2,034,620; Mar. 17.
- Irwin Novelty Co. (See Cohn, I. E., and Tait, assignors.)
- Irwin, Richard A., et al. (See Gillespie, Charles P., assignor.)
- Irwin, Robert W., Company. (See Bekius, Nicholas, assignor.)
- Irwin, Urth D. and E. G., Los Angeles, Calif. Garment drying and shaping form. 2,060,395; Nov. 10.
- Isaac, Augustin, Lyon, assignor to Dognin-Société Anonyme, Villeurbanne, France. Tulle and lace comprising multiple elastic threads. 2,039,419; May 5.
- Isaac, Augustin, Lyon, assignor to Dognin-Société Anonyme, Villeurbanne, Rhone, France. Gas mask. 2,058,989; Oct. 27.
- Isaacs, Jasper P., assignor of one-half to J. Porter, Shamrock, Tex. Safety gas valve. 2,063,809; Dec. 8.
- Isaacs, Mone R., Philadelphia, Pa. Composition of matter. 2,051,338; Aug. 18.
- Isaacs, Moses H., et al., executors. (See Molins, Walter E.)
- Isaacs, Moses H., et al., executors. (See Molins, W. E., Ruau, and Hacking.)
- Isaacson, Arthur M., Flushing, assignor to Western Electric Company, Incorporated, New York, N. Y. Floor. 2,029,721; Feb. 4.
- Isaacson, Fred A., Topeka, Kans., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,051,605; Aug. 18.
- Isbell, Horace S., Washington, D. C., assignor to the Government of the United States represented by the Secretary of Commerce. Crystallizing calcium salts of aldonic acids and resulting products. 2,044,793; June 23.
- Isbell, John A., Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Printing press drive. 2,053,958; Sept. 8.
- Isbell, John A., Plainfield, and C. Ricards, South Plainfield, N. J., assignors to Wood Newspaper Machinery Corporation, New York, N. Y. Web roll tensioning device. 2,027,866; Jan. 14.
- Isbell Porter Company. (See Warner, Arthur W., assignor.)
- Isenberg, Stanley, Chicago, Ill. Insert for confection molds. 2,032,483; Mar. 3.
- Isenberg, Stanley, Chicago, Ill. Stick holder. 2,044,354; June 16.
- Isenhour, Lloyd L., assignor to The Quaker Oats Company, Chicago, Ill. Production of furoic acid. 2,041,184; May 19.
- Isett, John W., Hinsdale, Ill. Constructing, repairing, and widening concrete roads. 2,039,420; May 5.
- Ish, Max E., Salinas, Calif. Display rack for lawn mowers. 2,064,164; Dec. 15.
- Isham, Robert M., Okmulgee, assignor to Danciger Oil & Refineries, Inc., Tulsa, Okla. Recovery of acetylene from gas mixtures. 2,063,680; Dec. 8.
- Isherwood, Joseph W., Chislehurst, Kent, England. Construction of floating vessels. 2,054,011; Sept. 8.
- Ishidate, Morizo. (See Asahina, Y., and Ishidate.)
- Ishimura, Lyuhō S., Kamikyo-Ku, Kyoto, Japan. Making lead powder. 2,060,375; Nov. 10.
- Ish-Shalom Samu-el, and O. I. Bloom, New York, N. Y. Producing raised printing for the blind. 2,038,243; Apr. 21.
- Ish-Shalom, Samu-el, and O. I. Bloom, assignors to Mergenthaler Linotype Company. Type arrangement for composing machines. 2,065,155; Dec. 22.
- Iskyan, John A., Forest Hills, and T. J. Hart, Astoria, said Hart assignor to said Iskyan. Washing machine. 2,039,249; Apr. 28.
- Isler, Herman R., Norwood, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Universal dividing head quadrant. 2,042,258; May 26.
- Isles, David R., Topeka, Kans. Water saver device for steam lines and air-conditioning. 2,058,316; Oct. 20.
- Isom, Edward W., Scarsdale, assignor to Sinclair Refining Company, New York, N. Y. Manufacture of motor fuel. 2,046,749; July 7.
- Israel, Saul N. (See Peddie, F., Bentley, and Israel.)



- Israelson, Albert I., Hartington, Nebr. Clothes hanger. 2,061,704; Nov. 24.
- Itczak, Joseph J., Hartford, Conn. Fish net. 2,055,218; Sept. 22.
- Ito, Masaji, Sumaura-dori, Suma-Ku, Kobe, Japan, assignor to Kabushiki Kaisha Kawasaki Zosensho (Kawasaki Dockyard Co. Ltd.), Kobe, Japan. Electric arc welder. 2,028,780; Jan. 28.
- Ito, Yutaka, Misaki-Cho, Hayashida-Ku, Kobe, assignor to Kanegafuchi Boseki Kabushiki Kaisha, Tokyo, Japan. Extracting a sweet ingredient from Glycyrrhiza glabra (Linn). 2,058,019; Oct. 20.
- Ittner, Anthony F., St. Louis, Mo. Exhaust consumer. 2,038,567; Apr. 28.
- Ittner, Martin H. (See Lowry, G. A., and Grant, assignors.)
- Ivanoff, Alexander, and G. P. E. Howard, Luton, assignors to George Kent Limited, London, England. Automatic control and automatic control apparatus. 2,053,034; Sept. 1.
- Ivanoff, Alexander, and G. P. E. Howard, Luton, assignors to George Kent Limited, London, England. Automatic control apparatus. 2,064,753; Dec. 15.
- Ivens, Edmund M., New Orleans, La. Valve. 2,064,754; Dec. 15.
- Ivers-Lee Company. (See Salfisberg, Leroy L., assignor.)
- Iversen, Lorenz. (See Wilson, P. F., and Iversen.)
- Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Rolling mill. 2,039,959; May 5.
- Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Rolling mill. 2,047,509; July 14.
- Iversen, Lorenz, Pittsburgh, assignor to Mesta Machine Company, Homestead, Pa. Method and apparatus for scale breaking and edging hot metal slabs. 2,059,460; Nov. 3.
- Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Apparatus for shearing. 2,061,659; Nov. 24.
- Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Rolling mill. 2,063,810; Dec. 8.
- Iversen, Lorenz, Pittsburgh, and C. L. Raisig, Coraopolis, assignors to Mesta Machine Company, Homestead, Pa. Apparatus for forming tubes. 2,043,665; June 9.
- Iverson, Cato, assignor to National Rubber Machinery Company, Akron, Ohio. Vulcanizer. 2,058,233; Oct. 20.
- Iverson Tool Company. (See Smith, J. C., and Taylor, assignors.)
- Ives, Charles A., Erie, Pa., assignor to General Electric Company. Compressor. 2,050,094; Aug. 4.
- Ives, H. B., Co., The. (See Weidner, Ernest E., assignor.)
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical image production. 2,034,760; Mar. 24.
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical system. 2,037,167; Apr. 14.
- Ives, Herbert E., Montclair, N. J., assignor to The Perser Corporation, New York, N. Y. Camera for making parallax panoramagrams. 2,039,648; May 5.
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Photoelectric tube. 2,047,371; July 14.
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical system. 2,052,298; Aug. 25.
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical scanning system. 2,064,475; Dec. 15.
- Ives, Herbert E., Montclair, N. J., and F. Gray, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical system. 2,037,471; Apr. 14.
- Ives, Herbert E., Montclair, and R. C. Mathes, Wyoming, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical image production. 2,058,882; Oct. 27.
- Ives, Herbert E., Montclair, N. J., and V. Subrizi, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical transmission. 2,058,883; Oct. 27.
- Ivey, George F., Hickory, N. C. Yarn dyeing bobbin. 2,056,859; Oct. 6.
- Izard, Emmette F. (See Barrett, H. J., and Izard.)
- Izard, Emmette F., Elsmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative compositions. 2,041,715; May 26.
- Izard, Emmette F., Elsmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative compositions. 2,053,289; Sept. 8.
- Izard, Emmette F., Elsmere, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative compositions. 2,061,732; Nov. 24.
- Jabouley, Joanny, London, England, assignor, by mesne assignments, to Celanese Corporation of America. Textile machinery. 2,031,655; Feb. 25.
- Jabouley, Joanny, Spondon, near Derby, England, assignor to Celanese Corporation of America. Circular loom for weaving. 2,050,328; Aug. 11.
- Jabouley, Joanny, Spondon, near Derby, England, assignor to Celanese Corporation of America. Stop-motion for circular looms. 2,055,604; Sept. 29.
- Jabouley, Joanny, Spondon, near Derby, England, assignor to Celanese Corporation of America. Circular loom. 2,065,137; Dec. 22.
- Jack, David, and W. Matisek, assignors of one-fourth to said Matisek, one-half to Allied Manufacturers, Inc., Detroit, and one-fourth to E. Elmer Staub, Grosse Pointe Park, Mich. Tire groover. 2,063,894; Dec. 15.
- Jack, Norman H., Philadelphia, Pa. Metal shielded wire. 2,066,201; Dec. 29.
- Jack, Robert K., Lansing, Mich. Hydraulic transmission. 2,030,299; Feb. 11.
- Jack, William A., 3d, assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Silencer. 2,039,800; May 5.
- Jack, William A., 3d, assignor, by mesne assignments, to C. F. Burgess Laboratories, Inc., Madison, Wis. Silencer. 2,041,767; May 26.
- Jack, William A., 3d, Madison, Wis., assignor to C. F. Burgess Laboratories, Inc., Chicago, Ill. Silencer. 2,056,608; Oct. 6.
- Jackel, Arthur P., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control apparatus. 2,061,770; Nov. 24.
- Jacklitch, Frank A., Lakewood, Ohio, assignor to M. W. Kleckner, trustee. Transmission mechanism. 2,065,073; Dec. 22.
- Jackman, Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Composite photography. 2,030,300; Feb. 11.
- Jackman, Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Producing composite pictures. 2,045,084; June 23.
- Jackman, Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Composite motion picture. 2,064,206; Dec. 15.
- Jackman, George W. (See Pierson, W. D., and Jackman.)
- Jackomatic Corporation. (See Marlowe, Harold J., assignor.)
- Jacks, Louis A., Newark, N. J. Antiskid device for motor vehicles and the like. 2,058,799; Oct. 27.
- Jacks, William N., Stewart, Miss. Plow. 2,038,936; Apr. 28.
- Jackson, Alfred F., assignor to Apco Mossberg Corporation, L. R. Smith, Attleboro, Mass., receiver. Lighter. 2,037,027; Apr. 14.
- Jackson, Ben. (See Hoffman, M., and Jackson.)
- Jackson, Byron, Co. (See Grau, Herbert E., assignor.)
- Jackson, Byron, Co. (See Hertel, Richard K., assignor.)
- Jackson, Carey B. (See Ralston, A. W., and Jackson.)
- Jackson, Clarence C., Whittier, Calif., assignor to S. H. Davis, Omaha, Nebr. Sleeve former. 2,039,596; May 5.
- Jackson, Corwill, Ludington, Mich. Ballast tamper. 2,038,220; Apr. 21.
- Jackson, Corwill, Ludington, Mich. Paving machine. 2,044,883; June 23.
- Jackson, Corwill, Ludington, Mich. Implement for treating and placing materials. 2,059,239; Nov. 3.
- Jackson, David D., Providence, R. I., and E. W. Tefft, South Attleboro, Mass. Controlling mechanism. 2,062,716; Dec. 1.
- Jackson, Edward B., Downers Grove, assignor to Stromberg Electric Company, Chicago, Ill. Job time recorder system. 2,040,694; May 12.
- Jackson, Edward B., Downers Grove, assignor, by mesne assignments, to Stromberg Electric Company, Chicago, Ill. Time-controlled corrective apparatus for dual secondary systems. 2,055,080; Sept. 22.
- Jackson, Edward Q., et al. (See Salvoni, Ippolito, assignor.)
- Jackson, Edwin C., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Dump car structure. 2,049,612; Aug. 4.
- Jackson, Frank F., Cleveland, Ohio. Furnace unit. 2,059,794; Nov. 3.
- Jackson, George H., Jr., Evanston, Ill. Sanitary pad. 2,043,325; June 9.
- Jackson, George P., Flushing, assignor to Combustion Engineering Company, Inc., New York, N. Y. Furnace header. 2,053,434; Sept. 8.
- Jackson, Gilbert, New York, N. Y. Closure for bottles and other containers. 2,048,699; July 28.
- Jackson, Gilbert, New York, N. Y. Nonrefillable closure for bottles and other containers. 2,048,700; July 28.
- Jackson, Harold. (See Cutts, G. B., and Jackson.)
- Jackson, Harry and M. E., Harrisburg, Pa. Protective appliance. 2,038,491; Apr. 21.
- Jackson, Harry and M. E., Harrisburg, Pa. Protective appliance. 2,053,035; Sept. 1.
- Jackson, Hiram G., Birmingham, Mich., assignor, by mesne assignments, to General Motors Corporation. Brake actuating mechanism. 2,050,702; Aug. 11.
- Jackson, James J., Woodbury, N. J., assignor to Sandura Company, Inc., Philadelphia, Pa. Producing decorative sheet material. 2,028,781; Jan. 28.
- Jackson, James J., Woodbury, N. J., assignor to Sandura Company, Inc., Philadelphia, Pa. Decorative sheet material and manufacturing the same. 2,028,782; Jan. 28.
- Jackson, James J., Woodbury, N. J., assignor to Paulsboro Manufacturing Company. Decorative covering and manufacturing the same. 2,061,705; Nov. 24.
- Jackson, James P., Oklahoma City, Okla. Deep well pump. 2,049,957; Aug. 4.
- Jackson, John F., assignor to H & B American Machine Company, Pawtucket, R. I. Bobbin clutch for rotatable spindles. 2,030,301; Feb. 11.
- Jackson, John F., assignor to H. & B. American Machine Company, Pawtucket, R. I. Spindle. 2,034,192; Mar. 17.



- Jackson, John G., assignor to Square D Company, Detroit, Mich. Meter test block. 2,037,632; Apr. 14.
- Jackson, John M., Wellington, assignor to Crude Oil Recovery Company, Wichita, Kans. Apparatus for the reclamation of oil from hydrocarbon oil emulsion. 2,033,987; Mar. 17.
- Jackson, John W., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Spring clip. 2,056,724; Oct. 6.
- Jackson, Joseph B., assignor to Draper Corporation, Hopedale, Mass. Loom shuttle box. 2,046,292; June 30.
- Jackson, Joseph G., Oak Park, assignor to Edward Katzinger Company, Chicago, Ill. Pan set. 2,037,510; Apr. 14.
- Jackson, Kenneth D., Utica, N. Y. Hydraulic valve lifter. 2,034,142; Mar. 17.
- Jackson, Kenneth S., Runcorn, G. E. Wainwright and H. R. Hailes, Norton-on-Tees, assignors to Imperial Chemical Industries Limited. Production of hydrocarbon derivatives. 2,055,929; Sept. 29.
- Jackson, Lee A., Needham, Mass. Apparatus for piling rugs. 2,053,667; Sept. 8.
- Jackson, Lottie H., executrix. (See Jackson, Thomas H.)
- Jackson, Mary E. (See Jackson, Harry and M. E.)
- Jackson & Moreland. (See Moreland, E. L., Booth, and Danforth, assignors.)
- Jackson, Newton W. (See Craighead, Bedia L., assignor.)
- Jackson, Orville A., Des Moines, Iowa. Sign. 2,054,289; Sept. 15.
- Jackson, Percy, assignor to Henry Vogt Machine Co., Louisville, Ky. Boiler construction. 2,035,605; Mar. 31.
- Jackson & Perkins Company. (See Johnston, Walter I., assignor.)
- Jackson, Ralph H., and H. P. Kirchner, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive belt. 2,059,583; Nov. 3.
- Jackson, Ray P., Wilkensburg, and H. M. Biebel, Oakmont, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Capacitor motor. 2,032,129; Feb. 25.
- Jackson, Robert B. (See Tully, T. J., and Jackson.)
- Jackson, Robert J., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Floor covering or rug. 2,037,511; Apr. 14.
- Jackson, Robert M., Portland, Oreg., assignor to Industrial Patents Corporation, Chicago, Ill. Cooker. 2,060,992; Nov. 17.
- Jackson, Roland T., assignor to R. & W. H. Symington & Company Limited, Market Harborough, England. Lever buckle or slide. 2,040,655; May 12.
- Jackson, Sarah, London England. Gem or like settings in jewelery. 2,028,284; Jan. 21.
- Jackson, Thomas G., Deptford, London, England. Apparatus for feeding and severing webs. 2,037,330; Apr. 14.
- Jackson, Thomas H., deceased, later of Centralia, Ill., by L. H. Jackson, executrix, Centralia, Ill. Apparatus for dehydration of tar emulsions. 2,039,003; Apr. 28.
- Jackson, Thomas J., and J. A. Bekemans, Livingston, Mont. Flue cleaning machine. 2,027,173; Jan. 7.
- Jackson, Walter H., Summit, N. J. Antiskid device. 2,065,312; Dec. 22.
- Jackson, William H., Great Neck, N. Y. Apparatus for treating liquids. 2,042,006; May 26.
- Jackson, William P., Chico, Calif. Agglutinating test plate. 2,041,290; May 19.
- Jacob, Brent C., Cleveland, Ohio. Mathematical instrument. 2,033,715; Mar. 10.
- Jacob, Joseph A. W., and L. B. Temple, Montreal, Quebec, Canada. Electric bell. 2,063,604; Dec. 8.
- Jacob, Max, assignor to the firm Anker-Werke Aktiengesellschaft, Bielefeld, Germany. Cash register. 2,029,776; Feb. 4.
- Jacob, Paul. (See Pier, M., Jacob, and Simon.)
- Jacob, Thomas H., Wausau, Wis. Wheel hub. 2,038,293; Apr. 21.
- Jacob, Thomas H., Wausau, Wis. Drawbar for trailers. 2,056,523; Oct. 6.
- Jacob, Thomas H., Wausau, Wis. Trailer hitch. 2,062,788; Dec. 1.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Mounting means for automobile doorlocks. 2,040,258; May 12.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Spring clip. 2,046,514; July 7.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,047,966; July 21.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Spring cover. 2,051,143; Aug. 18.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,053,335; Sept. 8.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,059,694; Nov. 3.
- Jacobi, Edward N., assignor to Briggs & Stratton Corp., Milwaukee, Wis. Lock. 2,059,695; Nov. 3.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,059,696; Nov. 3.
- Jacobi, Edward N., assignor to Briggs and Stratton Corporation, Milwaukee, Wis. Lock. 2,059,697; Nov. 3.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,059,698; Nov. 3.
- Jacobi, Millard W. (See Heise, A. C., and Jacobi.)
- Jacobs, Albert R., Reiffton, Pa. Aircraft propelling mechanism. 2,055,081; Sept. 22.
- Jacobs Bros. Co. Inc., The. (See Eschenbacher, Hermann, assignor.)
- Jacobs Bros. Co. Inc., The. (See Eschenbacher, H., and Kircher, assignors.)
- Jacobs Bros. Co. Inc., The. (See Kircher, Paul J., assignor.)
- Jacobs Bros. Co., The. (See Walker, G., and Woodland, assignors.)
- Jacobs Bros. Co. Inc., The. (See Walker, Harold L., assignor.)
- Jacobs, Charles T., New Providence Township, Union County, N. J. Motor vehicle control device. 2,051,606; Aug. 18.
- Jacobs, Charles T., New Providence Township, Union County, N. J., assignor to Miessner Inventions, Inc. Method and apparatus for the production of music. 2,027,075; Jan. 7.
- Jacobs, Clarence E., assignor to Industrial Wire Cloth Products Company, Wayne, Mich. Air filter and making the same. 2,047,634; July 14.
- Jacobs, Clarence E., Detroit, assignor to Industrial Wire Cloth Products Company, Wayne, Mich. Air cleaner combination unit. 2,064,207; Dec. 15.
- Jacobs, Donald L., and E. M. Dons, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Cracking apparatus and operating the same. 2,032,846; Mar. 3.
- Jacobs, Edwin F., Toronto, Ohio. Gasoline purifying means. 2,057,779; Oct. 20.
- Jacobs, F. L., Company. (See Jacobs, Rex C., assignor.)
- Jacobs, F. L., Company. (See Visser, John, assignor.)
- Jacobs, Ferdinand. (See Shiraef, D. A., and Jacobs.)
- Jacobs, Frank E., assignor of one-half to R. C. Walker, Altadena, Calif. Garment holder. 2,056,428; Oct. 6.
- Jacobs, George H., Kings Mills, Ohio, assignor, by mesne assignments, to The Peters Cartridge Company. Primer for ammunition. 2,027,825; Jan. 14.
- Jacobs, Homer H., Dayton, Ohio. Aerodynamic support. 2,055,498; Sept. 29.
- Jacobs, James M. H., Dayton, Ohio. Toy airplane. 2,034,143; Mar. 17.
- Jacobs, Johannes, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Constant temperature device. 2,032,417; Mar. 3.
- Jacobs, Joseph, Bridgeport, assignor to A. J. Donahue Corporation, Milford, Conn. Garter grip. 2,044,728; June 16.
- Jacobs, Joseph H., Minneapolis, Minn. Wind electric plant. 2,055,012; Sept. 22.
- Jacobs, Julian B., East Falls Church, Va. Obstetrical forceps. 2,034,299; Mar. 17.
- Jacobs Manufacturing Company, The. (See Stoner, Arthur M., assignor.)
- Jacobs, Michael F., Akron, Ohio. Molding blanket. 2,038,937; Apr. 28.
- Jacobs, Oliver B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submarine signaling cable. 2,042,530; June 2.
- Jacobs, Oliver B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone toll switching. 2,050,610; Aug. 11.
- Jacobs, Reed E., Hayward, assignor of forty per cent to M. M. Bolton, Oakland, Calif. Dispensing container. 2,041,185; May 19.
- Jacobs, Rex C., Detroit, Mich. Glare shield. 2,027,433; Jan. 14.
- Jacobs, Rex C., Detroit, Mich. Door check. 2,034,905; Mar. 24.
- Jacobs, Rex C., Detroit, Mich. Door check. 2,039,961; May 5.
- Jacobs, Rex C., assignor to F. L. Jacobs Company, Detroit, Mich. Automobile door check. 2,039,960; May 5.
- Jacobs, Rex C., assignor to F. L. Jacobs Company, Detroit, Mich. Glare shield. 2,054,325; Sept. 15.
- Jacobs, Rex C., Detroit, Mich. Glare shield. 2,062,092; Nov. 24.
- Jacobs, Samuel S., San Mateo, Calif., and W. E. Rooney, Bellingham, Wash., assignors to American Can Company, New York, N. Y. Fish canning machine. 2,037,724; Apr. 21.
- Jacobsen, Earl S. (See Blumenthal, A., and Jacobsen.)
- Jacobsen, Henry, West Englewood, N. J., now by judicial decree to H. Jenett, assignor to Celanese Corporation of America. Thermoplastic compositions. 2,047,967; July 21.
- Jacobsen, Henry, Englewood, N. J., now by judicial decree to H. Jenett, assignor to Celanese Corporation of America. Thermoplastic compositions and preparing the same. 2,047,968; July 21.
- Jacobsen, Oystein, Dayton, Ohio, assignor to The Duriron Company, Inc. Centrifugal pump. 2,028,783; Jan. 28.
- Jacobsen, Oystein, Dayton, Ohio, assignor to The Duriron Company, Inc. Lubricated plug valve. 2,048,384; July 21.
- Jacobsen, Oystein, Dayton, Ohio, assignor to The Duriron Company, Inc. Lubricated plug valve. 2,048,385; July 21.
- Jacobsen, Oystein, Dayton, Ohio, assignor to The Duriron Company, Inc. Lubricated plug valve. 2,048,386; July 21.



- Jacobsen, Oystein, Dayton, Ohio, assignor to The Duriron Company, Inc. Valve. 2,049,204; July 28.
- Jacobsmeier, Lawrence, Chicago, Ill. Heat-treating machine. 2,035,890; Mar. 31.
- Jacobsohn, Isadore M., assignor to Coe Laboratories, Inc., Chicago, Ill. Modified vinyl resin and making it. 2,050,843; Aug. 11.
- Jacobson, Bernard H., Charleston, W. Va., assignor to Klipstein Chemical Processes, Inc., New York, N. Y. Cleaning and polishing composition. 2,027,535; Jan. 14.
- Jacobson, Bernard H., Charleston, W. Va., assignor to Klipstein Chemical Processes, Inc. Fluorescent solid composition. 2,037,793; Apr. 21.
- Jacobson, Conrad C., Glen Ridge, N. J., assignor to John Robertson Co., Inc., Brooklyn, N. Y. Apparatus for extruding metals. 2,045,655; June 30.
- Jacobson, Erik W., assignor of one-half to C. F. Nelson, Chicago, Ill. Flue cleaner. 2,026,680; Jan. 7.
- Jacobson, Eugene W. (See Lane, A. A., and Jacobson.)
- Jacobson, Henry A., Worcester, Mass., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Water seal for use with crushing machinery. 2,054,326; Sept. 15.
- Jacobson, Israel B. (See Schlachman, Ben, assignor.)
- Jacobson, Jacob, Cincinnati, Ohio. Air duct. 2,053,336; Sept. 8.
- Jacobson, James H. (See Lawrence, Albin J., assignor.)
- Jacobson, James H., Chicago, Ill. Finishing plastic masses. 2,048,071; July 21.
- Jacobson, James H., and E. E. Hall, Chicago, Ill. Parting strip for roadways or the like. 2,062,654; Dec. 1.
- Jacobson, Ludwig G., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Entrance enclosure structure. 2,043,174; June 2.
- Jacobson, Oskar J. F., New York, N. Y. Mechanical paddle canoe toy. 2,060,619; Nov. 10.
- Jacobson, Peter G., Chicago, Ill. Electrostatic condenser. 2,041,186; May 19.
- Jacobson, William, New York, N. Y. Needle guard for sewing machines. 2,050,095; Aug. 4.
- Jacobus, David S., Montclair, assignor to The Babcock & Wilcox Company, Newark, N. J. Pressure vessel and making the same. 2,047,633; July 14.
- Jacobus, David S., Jersey City, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam boiler. 2,052,299; Aug. 25.
- Jacobus, David S., Montclair, N. J., and W. A. Jones, West New Brighton, N. Y., assignors to The Babcock & Wilcox Company, Bayonne, N. J. Superheater boiler. 2,045,145; June 23.
- Jacobus, Nelson L., Hempstead, assignor of one-half to M. D. Jones, Bayside, N. Y. Container. 2,064,120; Dec. 15.
- Jacoby, Enos R. (See Timian, H. H., and Jacoby.)
- Jacoby, Hans-Eberhard, Wetzikon, and H. Nüssli, Hinwil, Switzerland. Control mechanism for carburetors of internal combustion engines. 2,055,539; Sept. 29.
- Jacoby, Meyer, New York, N. Y. Hair piece and the like. 2,053,908; Sept. 8.
- Jacoel, Isidore, Norfolk, Va. Cable splicer. 2,028,610; Jan. 21.
- Jacques, Jean, Philadelphia, Pa. Burial casket. 2,042,849; June 2.
- Jaden, Fred I., and A. B. Arnold, Hastings, Nebr. Spray gun. 2,057,434; Oct. 13.
- Jaek, Wolfgang. (See Nold, H., and Jaek.)
- Jaek, Wolfgang, Basel, and A. Schürch, Riehen, near Basel, assignors to firm Society of Chemical Industry in Basle, Basel, Switzerland. Printing acetate artificial silk. 2,029,568; Feb. 4.
- Jaekel, Ethel T., et al. (See Kelly, Harold E., assignor.)
- Jaeger, Albin, Brooklyn, N. Y. Alarm device. 2,041,549; May 19.
- Jaeger, Alphons O., Greentree, Pa., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation, New York, N. Y. Esters of sulphodicarboxylic acids. 2,028,091; Jan. 14.
- Jaeger, Alphons O., Greentree, Pa., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation, New York, N. Y. Synthetic tanning material. 2,029,322; Feb. 4.
- Jaeger, Alphons O., Greentree, Pa., assignor to Cyanamid & Chemical Corporation, New York, N. Y. Synthetic tanning material. 2,051,607; Aug. 18.
- Jaeger, Alphons O., Mount Lebanon, Pa., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Contact sulphuric acid process. 2,029,530; Feb. 4.
- Jaeger, Alphons O., Mount Lebanon, Pa., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Contact sulphuric acid process. 2,029,531; Feb. 4.
- Jaeger, Alphons O., Mount Lebanon, Pa., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Coated catalysts. 2,035,606; Mar. 31.
- Jaeger, Alphons O., Mount Lebanon, Pa., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Plasticizer. 2,044,612; June 16.
- Jaeger, Alphons O., Crafton, Pa., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Contact sulphuric acid process. 2,037,028; Apr. 14.
- Jaeger, Fritz, Halle Salle, Germany. Filter. 2,037,134; Apr. 14.
- Jaeger, Gebhard, assignor to The Jaeger Machine Company, Columbus, Ohio. Apparatus for mixing concrete. 2,048,657; July 21.
- Jaeger, Gustav, Neu-Isenburg in Hesse, Germany. Process for the preparation of metallic beryllium by electrolysis. 2,041,131; May 19.
- Jaeger, Gustav, Neu-Isenburg, assignor to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Production of practically iron-free compounds of the earth metals, alkaline earth metals, rare earth metals, earth acids, or the like. 2,030,372; Feb. 11.
- Jaeger, Gustav, Neu-Isenburg, assignor to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Decomposing beryllium minerals. 2,063,811; Dec. 8.
- Jaeger Machine Company, The. (See Jaeger, Gebhard, assignor.)
- Jaeger Machine Company, The. (See Mosel, Joseph H., assignor.)
- Jaeger Machine Company, The. (See Saxe, Arthur C., assignor.)
- Jaeger, Walter J., Imperial, Nebr. Knife attachment for listers. 2,066,113; Dec. 29.
- Jaeger, William H., Trenton, N. J. Safe. 2,026,977; Jan. 7.
- Jaenichen, Louis, Springfield Township, Oakland County, Mich. Gardening tool. 2,056,007; Sept. 29.
- Jaenicke, Max, and G. Bailleul, assignors to Carbo-Norit-Union Verwaltungs-Gesellschaft m. b. H., Frankfurt-on-the-Maine, Germany. Purifying of water. 2,031,711; Feb. 25.
- Jaffe, Elias, New York, N. Y. Self-fastening button. 2,058,020; Oct. 20.
- Jaffe, Jacob H., et al. (See Lotts, Delbert L., assignor.)
- Jagemann, Charles. (See De Bobula, Titus, assignor.)
- Jagger, Hubert. (See Hearnlund, J. W., and Jagger.)
- Jagger, Hubert, assignor to Ditto, Incorporated, Chicago, Ill. Paper straightening device for duplicating machines. 2,038,568; Apr. 28.
- Jagschitz, Konrad, Mainz, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Nuremberg, Germany. Collecting and purifying device for a waterless gas-holder. 2,058,459; Oct. 27.
- Jagschitz, Konrad, Mainz, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Nuremberg, Germany. Bell gas-holder. 2,064,916; Dec. 22.
- Jahraus, Harold A., Richmond, assignor to Mutual Air Systems, Inc., Indianapolis, Ind. Air cooling apparatus. 2,035,654; Mar. 31.
- Jahrstorfer, Michael. (See Kollek, L., and Jahrstorfer.)
- Jahrstorfer, Michael, and H. G. Hummel, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Polycarboxylic acid esters suitable as softening and gelatinizing agents and their production. 2,054,979; Sept. 22.
- Jaite-Grant Display Bag Company, The. (See Grant, R. S., and Schlegel, assignors.)
- Jakobs, Hermann, Maybach, Saar. Railway car coupling. 2,048,867; July 28.
- Jakobsen, Svend O., Høievarde, near Haugesund, Norway. Pressure lubrication pump. 2,064,755; Dec. 15.
- Jakosky, John J., Los Angeles, Calif. Method and apparatus for alternating-current investigation of uncased drill holes. 2,038,046; Apr. 21.
- Jakosky, John J., Los Angeles, assignor to Electroblacks, Incorporated, Culver City, Calif. Electrode for use in electrothermal processes for the production of carbon black. 2,027,732; Jan. 14.
- Jakosky, John J., Los Angeles, assignor to Electroblacks, Incorporated, Culver City, Calif. Production of carbon black by the thermal dissociation of organic materials. 2,054,084; Sept. 15.
- Jakupczyk, Leo, Simpson, Pa. Garment support. 2,065,976; Dec. 29.
- Jalbert, Jean H., Paris, France. Shock absorber for motor and other vehicles. 2,033,938; Mar. 17.
- Jalens, George, West New York, N. J. Apparatus for welding ink and cellulose tissue. 2,047,372; July 14.
- Jambrich, Lorenz, assignor of one-third to P. Grabner, South Bend, Ind. Mortise lock. 2,038,737; Apr. 23.
- Jambura, John W., Prairie du Chien, Wis. Combination tool. 2,054,503; Sept. 15.
- James, Arthur E., Bidwell, Ohio. Windmill. 2,059,356; Nov. 3.
- James, Brandon. (See Estes, Ed, assignor.)
- James, Charles S., et al. (See Lambert, Thomas H., assignor.)
- James, Cleveland A., Philadelphia, Pa., assignor to W. P. Montgomery, Atlantic City, N. J., and J. M. Zerbey, Philadelphia, Pa. Reflector. 2,029,375; Feb. 4.
- James, Cyril H. (See Hallam, H. and James.)
- James, Cyril H. (See Hazelton, G., James, and Bacon.)
- James, Edward M., Movlan, assignor to The Sharples Specialty Company, Philadelphia, Pa. Refining vegetable oils. 2,050,844; Aug. 11.
- James, Floyd M., Pender, Nebr. Veinous drain tube. 2,042,900; June 2.
- James, Harold, Booker, Tex. Land blocking machine. 2,044,304; June 16.
- James, James A., Amarillo, Tex. Threshing machine. 2,053,148; Sept. 1.
- James, Jenkins O., Rome, N. Y. Continuous electrical wall socket. 2,041,344; May 19.



- James, John, Lynnville, Ind. Horse collar. 2,058,317; Oct. 20.
- James, John W., Chicago, Ill. Flexible hose guard. 2,052,753; Mar. 3.
- James, Joseph H., Pittsburgh, Pa., assignor to Clarence P. Byrnes, trustee. Purification of oxidation products. 2,029,619; Feb. 4.
- James, Joseph H., Pittsburgh, assignor to C. P. Byrnes, trustee, Sewickley, Pa. Partial oxidation of hydrocarbons. 2,036,215; Apr. 7.
- James, Joseph H., Pittsburgh, assignor to C. P. Byrnes, trustee, Sewickley, Pa. Phenolic condensation products and making the same. 2,042,313; May 26.
- James, Joseph H., Pittsburgh, assignor to C. P. Byrnes, Sewickley, Pa. Treating partial oxidation products. 2,042,314; May 26.
- James, Joseph H., Pittsburgh, assignor to C. P. Byrnes, trustee, Sewickley, Pa. Partial combustion method for treating aliphatic hydrocarbons. 2,054,571; Sept. 15.
- James Manufacturing Company. (See Shodron, John G., assignor.)
- James River Paper Products, Inc. (See Haskell, Howze, assignor.)
- James, Robert F., Detroit, Mich., assignor, by mesne assignments, to Westinghouse Lamp Company, Bloomfield, N. J. Electric heater. 2,030,820; Feb. 11.
- James, Robert G. (See Murphy, E. A., Twiss, and James.)
- James, Robert M., Kenmore, N. Y. Fishing reel. 2,051,259; Aug. 18.
- James, Wallace O., New York, N. Y. Airplane control. 2,063,812; Dec. 8.
- James, William G., West Middlesex, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer structure. 2,064,011; Dec. 15.
- Jameson, Charles E., Fort Smith, assignor of one-fourth to E. E. Dunn and one-fourth to B. M. Moody, both of Sebastian County, Ark. Washboard. 2,052,230; Aug. 25.
- Jameson, John A., Canton, Ill., assignor of one-fifth to W. C. Sadler, Ann Arbor, Mich. Photographic printing apparatus. 2,038,430; Apr. 21.
- Jameson, Reuben M. (See Fantone, C. B., and Jameson.)
- Jameson, Ronald P., Christchurch, New Zealand. Electrical fire alarm. 2,058,082; Oct. 20.
- Jamieson, Hugh, Stamford, Conn. Finishing wood. 2,043,541; June 9.
- Jamieson, William G. (See Walker, R. W., and Jamieson.)
- Jancura, Charles G. (See Dean, W. A., and Jancura.)
- Janda, Jeannette H., Omaha, Nebr. Sanitary toilet. 2,041,187; May 19.
- Janda, Rudolph W., Berwyn, assignor to Conlon Corporation, Cicero, Ill. Ironing machine. 2,054,631; Sept. 15.
- Jandat, Karl, Munich, Germany. Apparatus for sterilizing by heated air. 2,065,895; Dec. 29.
- Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper. 2,031,954; Feb. 25.
- Jandus, Herbert S., assignor to Lyon Cover Company, Detroit, Mich. Valve cap for use with wheel or tire covers. 2,031,955; Feb. 25.
- Jandus, Herbert S., Detroit, Mich., assignor to General Spring Bumper Corporation. End connection for bumper bars. 2,040,176; May 12.
- Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Automobile bumper construction. 2,052,300; Aug. 25.
- Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Buffer plate construction. 2,065,806; Dec. 29.
- Jandus, Herbert S., and N. Y. Kristensen, assignors to General Spring Bumper Corporation, Detroit, Mich. Eye construction for double bar bumpers. 2,037,794; Apr. 21.
- Jandus, Herbert S., and H. L. Brooke, assignors to General Spring Bumper Corporation, Detroit, Mich. Auxiliary buffer construction. 2,039,004; Apr. 28.
- Jandus, Herbert S., and A. P. Ferguson, assignors to Lyon Cover Company, Detroit, Mich. Spare tire cover. 2,039,005; Apr. 28.
- Jandus, Herbert S., and B. M. Short, assignors to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper construction. 2,062,313; Dec. 1.
- Jandus, Herbert S., and N. Y. Kristensen, assignors to General Spring Bumper Corporation, Detroit, Mich. Bumper clamp and guard construction. 2,062,314. Dec. 1.
- Jandus, Herbert S., and B. M. Short, assignors to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper construction. 2,062,315; Dec. 1.
- Janeko, Stanley J., Detroit, Mich. Piston block. 2,064,756; Dec. 15.
- Janes, Edmund D., Middlebury, assignor to Scovill Manufacturing Company, Waterbury, Conn. Resilient attaching clip. 2,048,744; July 28.
- Jänicke, Hermann, Dessau, assignor to H. Junkers, Bayrisch-Zell, Oberbayern, Germany. Free piston engine compressor. 2,028,331; Jan. 21.
- Jänicke, Hermann, Dessau, assignor to Hugo Junkers, Bayrisch-Zell, Oberbayern, Germany. Multistage free piston motor compressor. 2,046,631; July 7.
- Jänicke, Hermann, Dessau, assignors to T. Junkers, Gauting, near Munich, Germany. Regulation of free-piston motor compressors. 2,064,976; Dec. 22.
- Janiszewski, Kasimir, Milwaukee, Wis. Die. 2,061,403; Nov. 17.
- Jannek, Josef, Ludwigshafen-on-the-Rhine, and H. Weitzel, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Carbonaceous fertilizer. 2,048,658; July 21.
- Jannin, Marcel, Meudon, France. Multiple groove expanding pulley. 2,031,712; Feb. 25.
- Janota, Joseph, Jr., Chicago Heights, assignor to Victor Chemical Works, Chicago, Ill. Dentifrice polishing base. 2,041,473; May 19.
- Janovsky, Wilhelm, Berlin-Spandau, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Device for measuring mechanical forces and momenta. 2,053,560; Sept. 8.
- Jansen, Sigurd, Oslo, Norway. Manufacture of yeast. 2,056,576; Oct. 6.
- Janson, Carl G. (See Wallgren, A. G., F., and Janson.)
- Jansse, Hermanus A. D., Djokjakarta, Java, Dutch East Indies. Device for boiling sugar juices to crystals. 2,063,166; Dec. 8.
- Janssen, Henry, assignor to Textile Machine Works, Wyomissing, Pa. Yarn conditioning means for knitting machines. 2,054,422; Sept. 15.
- Janssen, Henry, assignor to Textile Machine Works, Wyomissing, Pa. Truck. 2,060,620; Nov. 10.
- Janssen, Philip. (See Archibald, F. M., and Janssen.)
- Janssens, Peter A., Chicago, Ill. Measuring device. 2,026,681; Jan. 7.
- Janssens, Peter A., Chicago, Ill. Measuring device. 2,063,605; Dec. 8.
- Jansson, Axel J. (See Heiss, J. P., Carhart, and Jansson.)
- Jansson, Ernst T., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Process and apparatus for milking. 2,039,421; May 5.
- Jansson, Gustav E., Atlantic City, assignor to Condit Electrical Manufacturing Corporation, Boston, Mass. Circuit breaker. 2,060,758; Nov. 10.
- Jantzen Knitting Mills. (See Read, Dorothy, assignor.)
- Janzen, Otto, Berlin, Germany. Electric hand lamp. 2,035,812; Mar. 31.
- Jaques, Fernando O., Providence, assignor to The Central Tool Company, Auburn, R. I. Making a tool. 2,041,345; May 19.
- Jaques, Fernando O., Providence, assignor of one-fourth to L. S. Moulthrop, Cranston, and S. Harrington, Barrington, R. I. Making an abrasive cutting tool. 2,041,346; May 19.
- Jaques, Fernando O., Providence, assignor of one-half to L. S. Moulthrop, Cranston, R. I. Cutting tool and making the same. 2,041,347; May 19.
- Jaques, John C., Austin, Tex. Portable saw. 2,050,952; Aug. 11.
- Jaquith, Willard E., et al. (See Failing, Homer B., assignor.)
- Jarboe, Preston N., San Antonio, Tex. Gas mixer. 2,047,072; July 7.
- Jardim, Joaquin S., New York, N. Y. Jack. 2,028,868; Jan. 28.
- Jardine, Frank, assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio, as trustee. Piston. 2,044,074; June 16.
- Jardine, Frank, South Euclid, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Composite cylinder head. 2,049,205; July 28.
- Jardine, James V., Hespeler, Ontario, Canada. Faucet reseating tool. 2,034,396; Mar. 17.
- Jardine, Robert, Detroit, Mich., assignor to Wilcox-Rich Corporation. Valve seat ring and securing same. 2,035,165; Mar. 24.
- Jareckie, Eugene A., Madison, N. J., assignor to Celluloid Corporation. Sealing foil wrappers. 2,036,873; Apr. 7.
- Jarke, Hans. (See Gommel, Karl and P.)
- Jarmak, Jack. (See Hamer, L., and Jarmak.)
- Jarman, Donald E., assignor to The Dow Chemical Company, Midland, Mich. Welding electrode for magnesium and its alloys. 2,054,054; Sept. 8.
- Jarmin, James B., Dallas, Tex. Oil cleaner. 2,060,320; Nov. 10.
- Jarmin, James B., assignor to Servis Equipment Company, Dallas, Tex. Road machine. 2,055,767; Sept. 29.
- Jarmin, Roland C., assignor of one-half to W. S. Thelen, Osceola, Nebr. Condiment holder. 2,053,194; Sept. 1.
- Jarrier, René, St.-Quentin, France, assignor to Bartlett Arkell, New York, N. Y. Process and machine for the manufacture of tubes made of paper or like material. 2,042,531; June 2.
- Jarrier, René, St.-Quentin, France, assignor to Bartlett Arkell, New York, N. Y. Automatic sacking and weighing machine. 2,065,527; Dec. 29.
- Jarvis, Frederick, Philadelphia, Pa. Heating steel for hardening. 2,032,700; Mar. 3.
- Jarvis, Stuart L., London, England. Apparatus for playing a new game. 2,044,906; June 23.
- Jarvis, W. B., Company. (See Andrie, Michael B., assignor.)
- Jasicek, Alfons, Vienna, Austria, and F. Polnauer, Berlin, Germany. Textile machinery. 2,033,031; Mar. 3.
- Jasma A.-G. (See Lierg, Friedrich, assignor.)
- Jasper, Christian H., Rotterdam, Netherlands. Joining electric current conductors. 2,040,383; May 12.
- Jasper, Elmer P., Richmond, Mich. Humidor. 2,058,800; Oct. 27.



- Jasper, Louis, Bronx, New York, assignor of one-half to M. Apter, Brooklyn, N. Y. Apparatus for dispensing beverages. 2,039,006; Apr. 28.
- Jasperson, F. K. (See Beckett, William A., assignor.)
- Jasperson, Robert E. (See MacFarland, S. B., and Jasperson.)
- Jaumann, Andreas, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electric wave-filter. 2,034,906; Mar. 24.
- Javery, Armon J. (See Javery, Frank B., and A. J.)
- Javery, Frank B., Worcester, and A. J. Javery, Oxford, assignors to Warp Compressing Machine Company, Worcester, Mass. Spool mounting for textile machines. 2,046,559; July 7.
- Jawarski, Ignatius. (See Paul, L. R., and Witt, assignors.)
- Jaworski, Hans J., Milwaukee, Wis. String holder for sausage casings. 2,063,681; Dec. 8.
- Jaxheimer, William H. (See Drum, G. E., and Jaxheimer.)
- Jay, Allen E., Wilmington, Ohio. Closure. 2,062,417; Dec. 1.
- Jay, May O'R. (See Jay, Webb, assignor.)
- Jay, Webb, Port Washington, N. Y., assignor to May O'Rourke Jay, Miami Beach, Fla. Theft preventing tank filler tube. 2,066,202; Dec. 29.
- Jayne, David W., Jr. (See Christmann, L. J., and Jayne.)
- Jayne, Wade H., Brooklyn, N. Y. Mop. 2,056,008; Sept. 29.
- Jayne, Wade H., Brooklyn, N. Y. Mop. 2,060,621; Nov. 10.
- Jean, James W., Altadena, Calif. Spark plug. 2,037,239; Apr. 14.
- Jeandell, James D., Wilmington, Del. Hobbyhorse. 2,065,074; Dec. 22.
- Jeandron, Howard T., Hackettstown, N. J., and A. R. Morton, Brooklyn, assignors to Western Electric Company, Incorporated, New York, N. Y. Communication system. 2,045,146; June 23.
- Jack, George L., St. Louis, Mo. Cooking stove or range. 2,054,327; Sept. 15.
- Jecusco, Frederick P., Middletown, assignor to The Chatham Manufacturing Company, Portland, Conn. Elastic fabric and colored strand therefor. 2,041,837; May 26.
- Jeddo-Highland Coal Company. (See Becker, Frank N., assignor.)
- Jedeka, Lloyd W., assignor, by mesne assignments to Milwaukee Gas Specialty Company, Milwaukee, Wis. Automatic burner igniter. 2,057,193; Oct. 13.
- Jedele, Alfred. (See Feussner, O., and Jedele.)
- Jedele, Alfred, Hanau-on-the-Main, assignor to W. C. Heraeus Gesellschaft mit beschränkter Haftung, Hanau-on-the-Main, Germany. Point for gold pens and forming the same. 2,060,081; Nov. 10.
- Jefferies, Fredrick L., La Grange, Ill., assignor to International Patents Development Company, Wilmington, Del. Manufacture of starch from corn. 2,050,330; Aug. 11.
- Jefferies, Frederick L., La Grange, Ill., assignor to International Patents Development Company, Wilmington, Del. Starch making system. 2,065,313; Dec. 22.
- Jefferies, Samuel L., Gaffney, S. C. Apparatus for vibrating investing material. 2,065,977; Dec. 29.
- Jefferis, Alice, Washington, D. C. Cosmetic applicator. 2,033,139; Mar. 10.
- Jefferson, Charles J., Springfield, assignor to J. Stevens Arms Company, Chicopee, Mass. Firearm sight construction. 2,039,907; May 5.
- Jefferson, Do, Houston, Tex., assignor to The Texas Company, New York, N. Y. Burner for corrosive fluids. 2,042,058; May 26.
- Jefferson, Harold F., Rugby, England, assignor to General Electric Company. Electric motor. 2,027,867; Jan. 14.
- Jefferson, John A., Belmont, Mass. Combination shut-off and check valve. 2,058,590; Oct. 27.
- Jefferson Island Salt Mining Company. (See Segura, Marnell, assignor.)
- Jeffery, Allen T., Dayton, Ohio. Lather mask. 2,032,804; Mar. 3.
- Jeffery, Benjamin A., and F. H. Riddle, Detroit, Mich., assignors to Champion Spark Plug Company, Toledo, Ohio. Making and using a glass batch. 2,062,907; Dec. 1.
- Jeffery, Joseph A., Detroit, Mich., assignor, by mesne assignments, to Champion Spark Plug Company, Toledo, Ohio. Spark plug and making the same. 2,053,369; Sept. 8.
- Jeffres, Walter, Midwest, Wyo. Quick adjustable wrench. 2,065,276; Dec. 22.
- Jeffrey, M. L., Corporation, The. (See Jeffrey, Max L., assignor.)
- Jeffrey Manufacturing Company, The. (See Armstrong, Walter J., assignor.)
- Jeffrey Manufacturing Company, The. (See Bakstad, Johan R., assignor.)
- Jeffrey Manufacturing Company, The. (See Bauroth, Walter J., assignor.)
- Jeffrey Manufacturing Company, The. (See Beltz, J. S., and Mitchell, assignors.)
- Jeffrey Manufacturing Company, The. (See Fowler, John T., assignor.)
- Jeffrey Manufacturing Company, The. (See Francis, Earle V., assignor.)
- Jeffrey Manufacturing Company, The. (See Fulke, Frank L., assignor.)
- Jeffrey Manufacturing Company, The. (See Haworth, Mack E., assignor.)
- Jeffrey Manufacturing Company, The. (See Henderson, Charles S., assignor.)
- Jeffrey Manufacturing Company, The. (See Jeffrey, Robert K., assignor.)
- Jeffrey Manufacturing Company, The. (See Knies, Daniel, assignor.)
- Jeffrey Manufacturing Company, The. (See Levin, Nils D., assignor.)
- Jeffrey Manufacturing Company, The. (See Levin, N. D., and Muller, assignors.)
- Jeffrey Manufacturing Company, The. (See Lewis, Edward G., assignor.)
- Jeffrey Manufacturing Company, The. (See Montgomery, William J., assignor.)
- Jeffrey Manufacturing Company, The. (See Nichols, Richard D., assignor.)
- Jeffrey Manufacturing Company, The. (See Seckendorff, Ernst W., assignor.)
- Jeffrey Manufacturing Company, The. (See Smith, Archibald L., assignor.)
- Jeffrey Manufacturing Company, The. (See Strawn, Orval R., assignor.)
- Jeffrey, Max L., Shaker Heights, assignor, by mesne assignments, to The M. L. Jeffrey Corporation, Cleveland, Ohio. Resetting device for counters. 2,035,891; Mar. 31.
- Jeffrey, Robert K., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Drill mechanism. 2,030,636; Feb. 11.
- Jeffrey, Robert K., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Drill mechanism. 2,030,637; Feb. 11.
- Jeffrey, Robert K., Bexley, Ohio, assignor to The Jeffrey Manufacturing Company. Jack. 2,057,832; Oct. 20.
- Jeffrey, Sidney, assignor of one-half to C. Baia, Rockville Centre, N. Y. Securing adjacent edges of flexible materials. 2,047,268; July 14.
- Jeffries, Holly W., and A. B. Steward, Chicago, Ill. Filling or refilling compacts or the like. 2,042,059; May 26.
- Jeffries, Oren L., assignor of one-half to L. J. Brown, Columbus, Ohio. Apparatus for playing games. 2,026,682; Jan. 7.
- Jeffries, Oscar S. (See Ball, H. W., Kloos, and Jeffries.)
- Jeisel, John, et al. (See Miller, Lewis, assignor.)
- Jelalian, Martin, New York, N. Y. Airship. 2,061,075; Nov. 17.
- Jelenfy, Julius, New York, N. Y. Mop. 2,044,075; June 16.
- Jelley, Edwin E., Harrow, England. Refractometer. 2,047,561; July 14.
- Jell-Well Dessert Company. (See Blount, Alvin H., assignor.)
- Jeltsch, Arnold. (See Rumscheidt, C., Jeltsch, Strzyzewski, and Hegge.)
- Jenaer Glaswerk Schott & Gen. (See Bartsch, Otto, assignor.)
- Jencick, Stephen, Chagrin Falls, Ohio. Connecting rod. 2,057,897; Oct. 20.
- Jenckes, George W., Cranston, R. I., assignor to D. M. Watkins Company. Finding for clasps. 2,034,236; Mar. 17.
- Jenett, Henry, changed by judicial decree from Henry Jacobsen. (See Jacobsen, Henry, assignor.)
- Jenett, Henry, Cumberland, Md., assignor to Celanese Corporation of America. Plastic material and making same. 2,030,066; Feb. 11.
- Jenkins, Albert P., Vancouver, British Columbia, Canada. Windshield cleaning device. 2,047,073; July 7.
- Jenkins, Alexander F., Baltimore, Md. Tip for oxy-acetylene torches. 2,054,601; Sept. 15.
- Jenkins, Allston, Malvern, W. L. Day, Mount Airy, and P. R. Rempp, Spring House, assignors to The New Appliance Company, Philadelphia, Pa. Electric pen. 2,033,897; Mar. 10.
- Jenkins, David E., Niles, assignor to Republic Steel Corporation, Cleveland, Ohio. Flash remover. 2,053,831; Sept. 8.
- Jenkins, Edward M., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Building wall. 2,066,005; Dec. 29.
- Jenkins, Frederick T., Seattle, Wash. Water tube boiler. 2,053,480; Sept. 8.
- Jenkins, Henry G. (See Ryde, J. W., and Jenkins.)
- Jenkins, Henry K., Andover, Mass. Service and emergency brake control. 2,065,459; Dec. 22.
- Jenkins, James I., Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting machine. 2,046,076; June 30.
- Jenkins, John E., and S. E. Adair, Chicago, Ill., assignors, by mesne assignments, to Visomatic Systems, Inc., New York, N. Y. Record and making and using same. 2,031,605; Feb. 25.
- Jenkins, Mark H., Sr., Kansas City, Mo. Shingle painting and staining mechanism. 2,033,770; Mar. 10.
- Jenkins, Miriam B., Long Beach, Calif. Processing edible bivalves. 2,047,688; July 14.
- Jenkins, Peter. (See Lockett, W. H., and Jenkins.)
- Jenkins Petroleum Process Company. (See Smith, Arthur D., assignor.)
- Jenkins, Russell L. (See Ballard, J. L., and Jenkins.)



- Jenkins, Russell L., Anniston, and T. S. Foley, Birmingham, Ala., assignors to Swann Research Incorporated. Doctor or smoothing blade for treating coated sheets. 2,033,379; Mar. 10.
- Jenkins, Russell L., and G. Hardy, Anniston, Ala., assignors to Swann Research, Incorporated. Chlorinated diphenyl-sulphur mixtures. 2,034,580; Mar. 17.
- Jenkins, Thomas A., Rosele, N. J. Beer cooling and dispensing system. 2,048,266; July 21.
- Jenkins, Thomas M., Los Angeles, assignor to C. G. Watson, Oakland, Calif. Mop. 2,029,235; Jan. 28.
- Jenkinson, George B. (See Mousseau, Emile S., assignor.)
- Jenks, Harold C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,057,490; Oct. 13.
- Jenks, Leon E., Jackson Heights, assignor to General Chemical Company, New York, N. Y. Vanadium catalyst. 2,046,166; June 30.
- Jennens, Walter S., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Electrical testing. 2,064,663; Dec. 15.
- Jenner, Ralph L., Le Roy, N. Y., assignor to Lapp Insulator Company, Inc. Vertical mast wave antenna. 2,027,733; Jan. 14.
- Jenner, Ralph L., Le Roy, N. Y., assignor to Lapp Insulator Company, Inc. Insulator for radio masts. 2,064,121; Dec. 15.
- Jenness, Leslie G., Brooklyn, assignor to Intermetal Corporation, New York, N. Y. Producing titanium dioxide. 2,044,753; June 16.
- Jennett, Robert, Camden, N. J. Hedge cutter. 2,028,784; Jan. 28.
- Jennings, Aaron J. (See Hawks, W. K., and Jennings.)
- Jennings, Chester S. (See Perry, H. R., and Jennings.)
- Jennings, Chester S., assignor to The Lamson Company, Syracuse, N. Y. Conveyor. 2,031,263; Feb. 18.
- Jennings, Chester S., assignor to The Lamson Company, Syracuse, N. Y. Conveyor system. 2,043,293; June 9.
- Jennings, Chester S., assignor to The Lamson Company, Syracuse, N. Y. Conveyor system. 2,060,759; Nov. 10.
- Jennings, Edward O., Philadelphia, Pa. Yarn inspecting device. 2,052,711; Sept. 1.
- Jennings, Floyd E., San Mateo, Calif. Antirattling device for windows. 2,065,590; Dec. 29.
- Jennings, Frank L., Philadelphia, Pa. Clamp for button sewing machines. 2,050,331; Aug. 11.
- Jennings, Frank L., Philadelphia, Pa. Vibrating needle chain stitch mechanism. 2,061,236; Nov. 17.
- Jennings, Henry G., P. K. Lerpée, and A. Zaug, assignors to Paramount Productions, Inc., Los Angeles, Calif. Producing special effects in motion picture photography. 2,051,526; Aug. 18.
- Jennings, Irving C., South Norwalk, Conn. Vacuum steam heating apparatus. 2,065,704; Dec. 29.
- Jennings, Irving E. (See Gibson, L. H., and Jennings.)
- Jennings, Irving G., South Norwalk, Conn. Pump controlling mechanism. 2,033,032; Mar. 3.
- Jennings, James W., Providence, R. I. Salt shaker or the like. 2,026,738; Jan. 7.
- Jennings, James W., Providence, R. I. Salt shaker or the like. 2,028,870; Jan. 28.
- Jennings, Victor H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Picking mechanism for looms. 2,062,717; Dec. 1.
- Jennings, William A., assignor to Economy Forms Corporation, Des Moines, Iowa. Mold form for circular concrete walls. 2,046,123; June 30.
- Jennison, Herbert C., Bridgeport, Conn. Copper base alloy. 2,031,316; Feb. 18.
- Jennison Herbert C., Bridgeport, assignor to The American Brass Company, Waterbury, Conn. Copper base alloy. 2,031,315; Feb. 18.
- Jennison, Herbert C., Bridgeport, assignor to The American Brass Company, Waterbury, Conn. Fabricated structure and making the same. 2,049,449; Aug. 4.
- Jennison, Herbert C., Bridgeport, assignor to The American Brass Company, Waterbury, Conn. Fabricated structure and making the same. 2,052,139; Aug. 25.
- Jennison, Herbert C., Bridgeport, assignor to The American Brass Company, Waterbury, Conn. Fabricated structure and making the same. 2,052,140; Aug. 25.
- Jennison, Herbert C., Bridgeport, assignor to The American Brass Company, Waterbury, Conn. Bus or conductor for electrical currents. 2,053,561; Sept. 8.
- Jennison, Herbert C., Bridgeport, assignor to The American Brass Company, Waterbury, Conn. Fabricated structure and making. 2,058,884; Oct. 27.
- Jennison, Herbert C., Bridgeport, assignor to The American Brass Company, Waterbury, Conn. Fabricated structure and making. 2,058,885; Oct. 27.
- Jennison, Herbert C., Bridgeport, assignor to The American Brass Company, Waterbury, Conn. Fabricated structure and making. 2,058,886; Oct. 27.
- Jennison, Herbert C., Bridgeport, assignor to The American Brass Company, Waterbury, Conn. Fabricated structure and making. 2,058,887; Oct. 27.
- Jensch, Heinrich, Frankfurt-on-the-Main, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Quinoline derivatives. 2,034,983; Mar. 24.
- Jensch, Heinrich, Frankfurt-on-the-Main, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Quinoline compound. 2,050,971; Aug. 11.
- Jensen, Alfred M. (See Lang, J. W., and Jensen.)
- Jensen, Axel G., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical measuring system. 2,047,782; July 14.
- Jensen, Carl A. S., Charlottenlund at Copenhagen, assignor to Skandinavisk Radiorfabrik Aktieselskab, Copenhagen, Denmark. Thermionic valve device. 2,057,952; Oct. 20.
- Jensen, Claude H., Pittsburgh, assignor to Copperweld Steel Company, Glassport, Pa. Joint and making the same. 2,062,886; Dec. 1.
- Jensen, Fred H., Grand Rapids, Mich. Advertising mechanism. 2,027,981; Jan. 14.
- Jensen, Henry M., United States Navy. Navigational instrument. 2,026,537; Jan. 7.
- Jensen, Henry M., United States Navy. Noon interval calculator. 2,026,538; Jan. 7.
- Jensen, Henry M., United States Navy. Navigational instrument. 2,064,917; Dec. 22.
- Jensen, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Rotary fluid-conducting hose reel construction. 2,063,843; Dec. 8.
- Jensen, Jens J., assignor to Boggild & Jacobsen, Copenhagen, Denmark. Machine for the manufacture of filled chocolates. 2,055,605; Sept. 29.
- Jensen, John, assignor to Whitney Metal Tool Company, Rockford, Ill. Bending brake. 2,028,869; Jan. 28.
- Jensen, Karl E., assignor, by mesne assignments, to Industrial Gloves Corporation, Danville, Ill. Glove. 2,040,137; May 12.
- Jensen, Lars, and R. Sherman, Lincoln, Nebr. Safety pike. 2,031,044; Feb. 18.
- Jensen, Louis, assignor to United Autographic Register Co., Chicago, Ill. Autographic register. 2,031,370; Feb. 18.
- Jensen, Louis, assignor to United Autographic Register Co., Chicago, Ill. Autographic register. 2,055,293; Sept. 22.
- Jensen, Niels G., Viborg, Denmark. Lifting jack. 2,065,277; Dec. 22.
- Jensen, Olaf. (See Foss, A., Jensen, and Lunde.)
- Jensen, Otto. (See Kneass, E., and Jensen.)
- Jensen, Peter L., LaGrange, assignor to Jensen Radio Manufacturing Company, Chicago, Ill. Sound reproducer. 2,046,515; July 7.
- Jensen Radio Manufacturing Company. (See Jensen, Peter L., assignor.)
- Jensen, Talma E., Omaha, Nebr. Self locking interlocking wall construction. 2,033,831; Mar. 10.
- Jensen, William, Pasadena, assignor to Electrofoam Corporation, Ltd., Pasadena, Calif. Lather forming device. 2,052,569; Sept. 1.
- Jenswold, Gunval M., and H. DeWeert, Chicago, Ill. Toy pistol. 2,026,898; Jan. 7.
- Jeperfinger, Richard C. (See Erschen, C. P., and Jeperfinger.)
- Jephson, Allen C., and E. B. Custer, Johnstown, Pa. assignors to National Radiator Corporation. Cathode for electrolytic cells. 2,028,285; Jan. 21.
- Jeppson, George N., assignor to Norton Company, Worcester, Mass. Segmental grinding wheel. 2,032,484; Mar. 3.
- Jeppsson, Ivar. (See McArdle, M. W., and Jeppsson.)
- Jeppsson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric toaster. 2,031,656; Feb. 25.
- Jeppsson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Portable electric cutting machine. 2,033,939; Mar. 17.
- Jepsen, Carl M., Bellingham, Wash. Poultry house cleaner. 2,062,908; Dec. 1.
- Jepsen, Hans J., Hellerup by Copenhagen and K. C. Nielsen, Copenhagen, Denmark. Savings calendar. 2,046,167; June 30.
- Jepson, Ivar, Chicago, and J. J. Sigman, Cicero, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Sprinkler. 2,064,066; Dec. 15.
- Jepson, Melvin E. (See Mills, Bert E., assignor.)
- Jepson, William, London, England. Timing mechanism, particularly for washing or dry cleaning machines. 2,051,860; Aug. 25.
- Jerabek, Paul E., East Cleveland, assignor to The Lincoln Electric Company, Cleveland, Ohio. Electric arc welding. 2,038,178; Apr. 21.
- Jerde, Otis G., Sisseton, S. Dak. Hot lunch outfit. 2,051,994; Aug. 25.
- Jeremlassen, Finn, assignor to Aktieselskapet Krystal, Oslo, Norway. Crystallization apparatus. 2,042,661; June 2.
- Jerguson, Philip A. (See Chalataw, Leon S., assignor.)
- Jerguson, Philip A., West Medford, Mass. Water level gauge. 2,043,753; June 9.
- Jerguson, Philip A., West Medford, Mass. Water level gauge. 2,065,705; Dec. 29.
- Jernegan, Warren N., Roanoke, Va. Fence post fastener. 2,053,195; Sept. 1.
- Jersey, Vernon, assignor to S. M. A. Corporation, Cleveland, Ohio. Refining fats and oils. 2,029,722; Feb. 4.
- Jeserich, John P., assignor to American Flange & Manufacturing Company, Inc., Chicago, Ill. Closure plug and forming same. 2,040,088; May 12.
- Jespersen, Holger B., assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Apparatus for treating liquids with gases. 2,057,100; Oct. 13.
- Jessen, Arnold H., Los Angeles, Calif. Multiple-acting overrunning clutch. 2,065,938; Dec. 29.



- Jessen, Conrad O., Los Angeles, Calif. Magazine floor cover for bird cages. 2,065,923; Dec. 29.
- Jesser, Albert E., Edgewood, assignor to Pittsburgh Steel Drum Company, Pittsburgh, Pa. Sealing ring. 2,029,173; Jan. 28.
- Jesser, Albert E., Vandergrift, assignor to Pittsburgh Steel Drum Company, Pittsburgh, Pa. Metal sput and attaching the same to sheet metal containers. 2,043,101; June 2.
- Jessop, Alfred, Columbus, Ga. Plowshare. 2,038,492; Apr. 21.
- Jessop, Francis W., Cleveland Heights, assignor to The Ohio Electric Mfg. Co., Cleveland, Ohio. Magnetically operated clamshell bucket. 2,065,706; Dec. 29.
- Jessop Steel Company. (See Trembour, Max R., assignor.)
- Jester, Alfred T., Houston, Tex. Voltage control for rectifier circuits. 2,052,978; Sept. 1.
- Jester, Harry E., Jennings, La. Loading device. 2,033,243; Mar. 10.
- Jester, John M., Washington, D. C. Releasing clamp. 2,026,978; Jan. 7.
- Jett, George C., Milwaukee, Wis. Endless track mechanism. 2,035,703; Mar. 31.
- Jett, George C., assignor of two-fifths to W. H. Stiemke, Milwaukee, Wis. Crawler tread mechanism. 2,050,845; Aug. 11.
- Jett, George H., Brooklyn, N. Y., assignor to Butterworth System Incorporated. Pressure vacuum valve. 2,045,780; June 30.
- Jetter, Raymond. (See Turpin, C. E., and Jetter.)
- Jeuck, Francis J., Battle Creek, Mich., assignor to The International Printing Ink Corporation, New York, N. Y. Printing. 2,042,432; May 26.
- Jewell Electrical Instrument Co. (See Olesen, Harold L., assignor.)
- Jewell, Raymond L., Millcreek Township, Erie County, assignor to American Sterilizer Company, Erie, Pa. Water sterilizer. 2,044,433; June 16.
- Jewell, Richard G. (See Wilson, M. S., and Jewell, assignors.)
- Jewell, Richard G., Lynn, Mass., assignor to General Electric Company. Damping arrangement for deflecting instruments. 2,036,811; Apr. 7.
- Jewett, Earold C. (See Crouch, H. W., and Jewett.)
- Jewett, John H., Detroit, Mich. Wood cutting head with inserted cutters. 2,036,145; Mar. 31.
- Jewett, William Van D., Fall River, Mass., assignor to United Merchants & Manufacturers, Inc., New York, N. Y. Control for shuttle changing mechanism for looms. 2,033,636; Mar. 10.
- Jewett, William Van D., Fall River, Mass., assignor to United Merchants & Manufacturers, Inc., New York, N. Y. Loom. 2,059,357; Nov. 3.
- Jex, William A., Somerville, Mass. One-way clutch. 2,060,376; Nov. 10.
- Jezler, Hubert, assignor to Kontroll A.-G., Zurich, Switzerland. Detachable closure for containers. 2,032,879; Mar. 3.
- Jiffy Lubricator Company. (See Johnson, August and J. S., assignors.)
- Jirousek, Joseph F., assignor to The Chandler & Price Company, Cleveland, Ohio. Printing press cylinder mechanism. 2,058,888; Oct. 27.
- Jirsa, Emil F. (See Choate, R. E., and Jirsa.)
- Joachinczyk, Martin. (See Wolff, Heinrich, assignor.)
- Joannides, Christe, Constantinople, Turkey. Apparatus for the production of dentures. 2,049,011; July 28.
- Jobst, Gunther, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tube construction and circuit arrangement. 2,037,168; Apr. 14.
- Jobst, Gunther, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge tube. 2,038,738; Apr. 28.
- Jobst, Gunther, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge tube. 2,052,712; Sept. 1.
- Jobst, Günther, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Thermionic device. 2,061,733; Nov. 24.
- Jobst, Gunther, and H. Rothe, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron tube. 2,045,656; June 30.
- Jobst, Gunther, and F. Sammer, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge tube. 2,051,950; Aug. 25.
- Jobst, Gunther, and H. O. Roosenstein, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Discharge tube. 2,054,423; Sept. 15.
- Jobst, Günther and Franz Sammer, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,064,346; Dec. 15.
- Jodeiko, Alexander J., New York, N. Y. Combustion turbine. 2,035,482; Mar. 31.
- Joffe, Morris H., assignor to A. K. Epstein, M. C. Reynolds, and B. R. Harris, Chicago, Ill., doing business as Epstein, Reynolds & Harris. Cake and making same. 2,033,195; Mar. 10.
- Johannessen, Vaughn L., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing apparatus. 2,041,067; May 19.
- Johannessen, Vaughn L., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method and apparatus for combining strands. 2,058,234; Oct. 20.
- Johannessohn, Fritz, Mannheim-Feudenheim, and H. Thron, Mannheim-Waldhof, Germany, assignors to Rare Chemicals, Inc., Nepara Park, N. Y. Compound of -methyl-heptyl-hydro-cupreicine and making same. 2,058,081; Oct. 20.
- Johannsen, Adolf. (See Steindorff, A., Pfaff, Staudermann, Johannsen, and Spoun.)
- Johannsen, Friedrich, Magdeburg, Germany. Producing iron alloys. 2,053,149; Sept. 1.
- Johannsen, Friedrich, Magdeburg, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Treating ferriferous ores. 2,026,683; Jan. 7.
- Johannsen, Friedrich, assignor to firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Producing wrought iron. 2,047,562; July 14.
- Johannsen, Udo K., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Making skeleton crates. 2,047,905; July 14.
- Johannsen, Udo K., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Folding table. 2,050,846; Aug. 11.
- Johansen, Einar K., and R. W. Glasner, Chicago, Ill., said Johansen assignor to said Glasner. Press. 2,051,447; Aug. 18.
- Johansen, Harry C., Michigan City, Ind., assignor to Sullivan Machinery Company. Drilling apparatus. 2,048,072; July 21.
- Johansen, Harry C., Michigan City, Ind., assignor to Sullivan Machinery Company. Adjustable support. 2,052,301; Aug. 25.
- Johanson, Anton W., Florence, Ala. Caliper gauge. 2,039,718; May 5.
- Johanson, Carl H., Los Angeles, Calif. Bias finger fourchetteless glove. 2,048,793; July 28.
- Johansson, Carl E., Detroit, Mich. Demonstration apparatus. 2,026,684; Jan. 7.
- Johansson, Carl E., Detroit, Mich. Precision measuring instrument. 2,028,611; Jan. 21.
- Johansson, Ernest G., Watertown, assignor to The Palmer Electric & Manufacturing Co., Waltham, Mass. Test-block for electric meters. 2,030,522; Feb. 11.
- Johansson, Ernest G., Watertown, assignor to The Palmer Electric & Manufacturing Co., Waltham, Mass. Meter test block. 2,048,007; July 21.
- Johansson, Gustave. (See Perazzo, F., and Johansson.)
- Johansson, Johan E., assignor to Aktiebolaget Gotaverken, Gothenburg, Sweden. Reciprocating steam engine. 2,066,151; Dec. 29.
- John, Albert J., Brookfield, Ill. Marker. 2,042,315; May 26.
- John, Frank B., assignor of one-half to W. A. Cox, Nashville, Tenn. Screw driver. 2,028,546; Jan. 21.
- John, Hans and C. C. Le Febvre, Appleton, and H. Du Bois, Neenah, assignors to Paper Patents Company, Neenah, Wis. Bleaching pulp. 2,031,485; Feb. 18.
- John, Robert, New York, N. Y. Safety razor. 2,044,698; June 16.
- John, Robert, New York, N. Y., assignor to International Patents, Ltd., Dover, Del. Oil package. 2,042,996; June 2.
- John, Robert, Middleton Township, Monmouth County, and E. F. Spellmeyer, East Orange, N. J., assignors to Carbex Chemical Co. of Illinois, Chicago, Ill. Spark plug. 2,028,749; Jan. 28.
- John, Wesley E., Johannesburg, Transvaal, Union of South Africa. Moving lens cinematograph machine. 2,034,193; Mar. 17.
- Johns, George McD. (See Richards, T. T., Johns, and Smith.)
- Johns, Harold E., East Lansdowne, assignor to Clifton Yarn Mills, Clifton Heights, Pa. Tool for applying travelers to the rings of twisting machines and the like. 2,055,440; Sept. 22.
- Johns, Henry S., North Grimsby Township, Ontario, Canada. Conveying and driving belt. 2,061,838; Nov. 24.
- Johns, Herman S., assignor to Dual Parking Meter Company, Oklahoma City, Okla. Electrical parking device. 2,061,875; Nov. 24.
- Johns, Herman S., assignor to Dual Parking Meter Company, Oklahoma City, Okla. Meter for vehicle parking. 2,065,075; Dec. 22.
- Johns, James H., Los Angeles, Calif. Grinding mill. 2,059,795; Nov. 3.
- Johns, Joshua L., Algoma, Wis. Flushing tank and making the same. 2,057,149; Oct. 13.
- Johns-Manville Corporation. (See Badollet, Marion S., assignor.)
- Johns-Manville Corporation. (See Beckwith, Charles J., assignor.)
- Johns-Manville Corporation. (See Brown, George B., assignor.)
- Johns-Manville Corporation. (See Brown, G. B., and Holcomb, assignors.)
- Johns-Manville Corporation. (See Cannon, Phillip D., assignor.)
- Johns-Manville Corporation. (See Carroll, J. S., and Halstead, assignors.)
- Johns-Manville Corporation. (See Christenson, George, assignor.)



- Johns-Manville Corporation. (See Collier, Simon, assignor.)
- Johns-Manville Corporation. (See Cummins, Arthur B., assignor.)
- Johns-Manville Corporation. (See Cummins, A. B., Badollet, and Miller, assignors.)
- Johns-Manville Corporation. (See Deakin, Harry, assignor.)
- Johns-Manville Corporation. (See De Witt, Walter M., assignor.)
- Johns-Manville Corporation. (See Dillingham, C. K., and Cannon, assignors.)
- Johns-Manville Corporation. (See Driscoll, James, assignor.)
- Johns-Manville Corporation. (See Driscoll, J., and Bruce, assignors.)
- Johns-Manville Corporation. (See Fuller, Charles W., assignor.)
- Johns-Manville Corporation. (See Halstead, Dorne N., assignor.)
- Johns-Manville Corporation. (See Holcomb, Harry E., assignor.)
- Johns-Manville Corporation. (See Jenkins, Edward M., assignor.)
- Johns-Manville Corporation. (See Kellogg, George D., assignor.)
- Johns-Manville Corporation. (See MacIldowie, John C., assignor.)
- Johns-Manville Corporation. (See McQuade, Walter, assignor.)
- Johns-Manville Corporation. (See Meyer, Carl W., assignor.)
- Johns-Manville Corporation. (See Parkinson, John S., assignor.)
- Johns-Manville Corporation. (See Parsons, Raymond V., assignor.)
- Johns-Manville Corporation. (See Pond, Thomas C., assignor.)
- Johns-Manville Corporation. (See Powell, Edward R., assignor.)
- Johns-Manville Corporation. (See Rinehart, Harry H., assignor.)
- Johns-Manville Corporation. (See Rogers, Homer L., assignor.)
- Johns-Manville Corporation. (See Rolfs, Eugene L., assignor.)
- Johns-Manville Corporation. (See Rourke, Rupert K., assignor.)
- Johns-Manville Corporation. (See Rowe, William L., assignor.)
- Johns-Manville Corporation. (See Seigle, William R., assignor.)
- Johns-Manville Corporation. (See Shipway, George E., assignor.)
- Johns-Manville Corporation. (See Stafford, William L., assignor.)
- Johns-Manville Corporation. (See Voigt, P. A., and Rogers, assignors.)
- Johns-Manville Corporation. (See Voigt, Paul A., assignor.)
- Johns-Manville Corporation. (See Wells, Edward H., Jr., assignor.)
- Johns-Manville Corporation. (See Wirbelauer, William L., assignor.)
- Johnsen, Birger, Brooklyn, N. Y. Grid used in connection with ice trays. 2,063,100; Dec. 8.
- Johnsen, Bjornulf. (See Goss, H. T. and Johnsen.)
- Johnsen, Bjornulf, Brooklyn, assignor to H. T. Goss and B. Johnsen, copartners trading under the firm name and style of Goss & Johnsen, New York, N. Y. Safety device. 2,048,387; July 21.
- Johnsen, Bjornulf, Summit, N. J., assignor to H. T. Goss and B. Johnsen, copartners trading under the firm name and style of Goss & Johnsen, New York, N. Y. Safety device. 2,048,388; July 21.
- Johnsen, Bjornulf, Summit, N. J., assignor to H. T. Goss and B. Johnsen, copartners trading under the firm name and style of Goss & Johnsen, New York, N. Y. Safety device. 2,048,389; July 21.
- Johnson, Adger S., Lakewood, Ohio, assignor to National Carbon Company, Inc. Dry cell. 2,034,817; Mar. 24.
- Johnson, Albert M., assignor to Barnes Drill Company, Rockford, Ill. Skip-top control mechanism. 2,044,076; June 16.
- Johnson, Albin B. (See Moore, F. V., and Johnson.)
- Johnson, Alfred, West New Brighton, assignor to Combustion Utilities Corporation, New York, N. Y. Oil gasification process. 2,042,997; June 2.
- Johnson, Alfred, West New Brighton, assignor to Combustion Utilities Corporation, New York, N. Y. Oil gasification process. 2,042,998; June 2.
- Johnson, Alfred, West New Brighton, assignor to Combustion Utilities Corporation, New York, N. Y. Oil gasification process. 2,042,999; June 2.
- Johnson, Allen J., Delaware County, assignor, by mesne assignments, to Anthracite Heat Appliance Corporation, Dover, Del. Automatic heat machine. 2,039,422; May 5.
- Johnson, Allen J., Primos, and P. A. Mulcey, Philadelphia, Pa., assignors, by mesne assignments, to Anthracite Devices Corporation. Combustion heater. 2,039,423; May 5.
- Johnson, Alvin L. (See Adell, John A., assignor.)
- Johnson, Ansgarius H., Minneapolis, Minn. Dispensing device. 2,063,606; Dec. 8.
- Johnson, Anthon G., Des Moines, Iowa. Permanently waving hair. 2,046,632; July 7.
- Johnson, Anthon G., Des Moines, Iowa. Device for use in the permanent waving of hair. 2,065,807; Dec. 29.
- Johnson, Arnold E. W., Chicago, Ill. assignor to International Harvester Company. Side delivery rake. 2,028,332; Jan. 21.
- Johnson, Arnold E. W., Chicago, and E. Mowry, Rock Falls, Ill., assignors to International Harvester Company. Disk harrow. 2,052,302; Aug. 25.
- Johnson, Arnold H., and H. A. Trebler, Baltimore, Md., assignors to Sealtest System Laboratories, Inc., New York, N. Y. Dry soluble chlorine compound. 2,032,173; Feb. 25.
- Johnson, Arthur, Springfield, Mass. Fishing apparatus. 2,030,875; Feb. 18.
- Johnson, Arthur A., Bridgeport, Conn. Electric signal. 2,042,316; May 26.
- Johnson, Arthur A., Bridgeport, Conn. Manifolding. 2,064,611; Dec. 15.
- Johnson, Arthur A., assignor to Dictaphone Corporation, Bridgeport, Conn. Phonograph. 2,030,638; Feb. 11.
- Johnson, Arthur A., Great Neck, N. Y., assignor to Johnson-March Corporation. Waterproofing masonry structure. 2,061,098; Nov. 17.
- Johnson, Arthur A., Corporation, The. (See Baumeister, P. A., and Saunders, assignors.)
- Johnson, Arthur E., Taft, assignor of one-half to Hazard & Miller, Los Angeles, Calif. Rotary well drilling apparatus. 2,027,734; Jan. 14.
- Johnson, Arthur P., Wylde Green, Birmingham, England. Cinematograph apparatus. 2,029,871; Feb. 4.
- Johnson, Arthur S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Upper cementing machine. 2,032,364; Mar. 3.
- Johnson, Arthur S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Abrading machine. 2,032,418; Mar. 3.
- Johnson, Audrey M., St. Joseph, Mo. Bathtub cover. 2,028,454; Jan. 21.
- Johnson, August and J. S., assignors to Jiffy Lubricator Company, Inc., Fargo, N. Dak. Hydraulic lubricating connection. 2,040,177; May 12.
- Johnson, Austin C., and T. M. Wroble, Chicago, Ill. Stamp support and pad. 2,040,940; May 19.
- Johnson, Austin C., and T. M. Wroble, Chicago, Ill. Time stamp. 2,054,127; Sept. 15.
- Johnson Automatic Sealer Co. (See Richard, Charles F., assignor.)
- Johnson, Benjamin, New Suffolk, N. Y. Folding fishing line drier. 2,041,249; May 19.
- Johnson, Bessie L., executor. (See Johnson, E. W., and Buck.)
- Johnson, Bror A. (See Olson, R. V., and Johnson.)
- Johnson, Bror A. E., Alsten, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Package. 2,046,077; June 30.
- Johnson Brothers Engineering Corporation. (See Gordon, W. L., and Johnson, assignors.)
- Johnson Brothers Engineering Corporation. (See Johnson, Harry L., assignor.)
- Johnson, Carl, East Orange, N. J., assignor to Oakite Products, Inc. Cleaning metal surfaces. 2,032,174; Feb. 25.
- Johnson, Carl E. (See McCann, J. F., and Johnson, assignors.)
- Johnson, Carl E., Pasadena, Calif. Electrolift. 2,035,813; Mar. 31.
- Johnson, Carl H., Duluth, Minn. Road sanding mechanism. 2,059,950; Nov. 3.
- Johnson, Carl J., Newton, assignor to The Stanley Works, New Britain, Conn. Overhead door. 2,032,754; Mar. 3.
- Johnson, Carl W., assignor to Heywood Paper Box & Manufacturing Company, Minneapolis, Minn. Air purifying device. 2,031,164; Feb. 18.
- Johnson, Caroline S., assignor of one-half to C. A. Bernsten, San Francisco, Calif. Foot tub. 2,062,316; Dec. 1.
- Johnson, Charles B. (See MacLean, A. D., and Johnson.)
- Johnson, Charles B., Paterson, N. J. Warp sizing machine. 2,048,390; July 21.
- Johnson, Charles D. (See Simons, A., and Johnson.)
- Johnson, Charles D., assignor to Johnson Steel & Wire Company, Inc., Worcester, Mass. Stripper for wire-receiving blocks. 2,044,574; June 16.
- Johnson, Charles D., assignor to Johnson Steel & Wire Company, Inc., Worcester, Mass. Making rust resisting metal plated wire. 2,048,552; July 21.
- Johnson, Charles E. (See Kress, O., and Johnson.)
- Johnson, Charles E., De Graff, Ohio. Detachable heel. 2,027,482; Jan. 14.
- Johnson, Charles E., North Muskegon, Mich. Self-locking screw. 2,036,479; Apr. 7.
- Johnson, Charles E., North Muskegon, assignor to Sealed Power Corporation, Muskegon, Mich. Valve stem packing. 2,061,874; Nov. 24.
- Johnson, Charles J., Chicago, Ill. Bunsen burner. 2,041,348; May 19.
- Johnson, Charles R. (See Brooks, C. W., Jr., and Johnson.)
- Johnson, Chester F., Los Angeles, Calif. Brake equalizer. 2,052,473; Aug. 25.
- Johnson, Chester W., South Weymouth, assignor to Universal Implement Corporation, Boston, Mass. Anesthetic administering apparatus. 2,046,633; July 7.



- Johnson, Chester W., Weymouth, assignor to J. Kinniburgh, Quincy, Mass. Safety attachment for oil tanks. 2,050,096; Aug. 4.
- Johnson, Clarence, Cleveland, Ohio, assignor to Bailey Meter Company. Valve. 2,054,464; Sept. 15.
- Johnson, Clarence, East Cleveland, Ohio, assignor to Bailey Meter Company. Pressure measuring device. 2,063,313; Dec. 8.
- Johnson, Clarence A. E., Minneapolis, Minn. Milk strainer. 2,031,165; Feb. 18.
- Johnson, Clarence C., New York, N. Y., R. M. Hopkins, Rutherford, N. J., and R. F. Spamer, Lynbrook, N. Y., assignors to American District Telegraph Company, New York, N. Y. Waterflow retard alarm. 2,032,092; Feb. 25.
- Johnson, Clarence E., Easton, and H. T. Moore, Drexel Hill, Pa. Oil clarifier. 2,059,358; Nov. 3.
- Johnson, Cole E. (See Inboden, J. C., and Johnson.)
- Johnson, Conrad A., Jamestown, N. Y. Exercising device. 2,060,938; Nov. 17.
- Johnson, Corydon M., Freeport, N. Y. Running gear for vehicles. 2,043,542; June 9.
- Johnson, Corydon M., Freeport, N. Y. Rotary pump. 2,052,474; Aug. 25.
- Johnson, Corydon M., Freeport, N. Y. Engine mount. 2,056,938; Oct. 13.
- Johnson, David E., Rockford, Ill. Process of and machine for forming headed machine parts. 2,036,758; Apr. 7.
- Johnson, David E., Rockford, Ill. Nut making machine. 2,051,086; Aug. 18.
- Johnson, David E., Rockford, Ill. Method of and apparatus for making nuts. 2,057,527; Oct. 13.
- Johnson, David W., New Britain, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Mounting for electric lamps. 2,054,753; Sept. 15.
- Johnson, Dayton R., Sanford, Fla. Lifting jack. 2,044,699; June 16.
- Johnson, Earle W., Dallas, Tex., assignor to Western Geophysical Company Tulsa, Okla. Seismic surveying. 2,028,286; Jan. 21.
- Johnson, Edgar B. (See Roberts, R. P., and Johnson.)
- Johnson, Edgar B. (See Roberts, R. P., Johnson, and Gregory.)
- Johnson, Edgar F., Waseca, Minn. Transposition insulator. 2,043,754; June 9.
- Johnson, Edgar H., Emory University, Ga. Elevator. 2,038,047; Apr. 21.
- Johnson, Edward, Montclair, N. J., assignor to Meinecke & Company, New York, N. Y. Medicine glass cover. 2,031,892; Feb. 25.
- Johnson, Edward D., assignor to Wagner Electric Corporation, St. Louis, Mo. Vehicle control mechanism. 2,036,700; Apr. 7.
- Johnson, Edward E., assignor to Edward E. Johnson, Incorporated, St. Paul, Minn. Make and break switching device. 2,040,772; May 12.
- Johnson, Edward E., assignor to Edward E. Johnson, Incorporated, St. Paul, Minn. Well point and making the same. 2,046,456; July 7.
- Johnson, Edward E., assignor to Edward E. Johnson, Incorporated, St. Paul, Minn. Well screen. 2,046,457; July 7.
- Johnson, Edward E., assignor to Edward E. Johnson, Incorporated, St. Paul, Minn. Screen. 2,046,458; July 7.
- Johnson, Edward E., assignor to Edward E. Johnson, Incorporated, St. Paul, Minn. Screen for oil wells. 2,046,459; July 7.
- Johnson, Edward E., assignor to Edward E. Johnson, Incorporated, St. Paul, Minn. Metallically intergrated well screen. 2,046,460; July 7.
- Johnson, Edward E., assignor to Edward E. Johnson, Incorporated, St. Paul, Minn. Fabricating screens. 2,046,461; July 7.
- Johnson, Edward E., assignor to E. E. Johnson Incorporated, St. Paul, Minn. Forming well screens. 2,049,206; July 28.
- Johnson, Edward E., Incorporated. (See Johnson, Edward E., assignor.)
- Johnson, Edward Noël, Johannesburg, Transvaal, Union of South Africa. Gramophone pick-up. 2,066,203; Dec. 29.
- Johnson, Edward S., New Rochelle, N. Y., assignor to The Calco Chemical Co. Inc., Bound Brook, N. J. Catalyst. 2,027,316; Jan. 7.
- Johnson, Edward T. (See Tufts, N., and Johnson.)
- Johnson, Elmer E., Jr., North Tarrytown, N. Y. Safety razor. 2,060,321; Nov. 10.
- Johnson, Elmer L., Loma Linda, and J. G. Prosser, Pasadena, assignors to Concrete Conduit Company, Ltd., Colton, Calif. Liquid flow measuring and control apparatus. 2,035,371; Mar. 24.
- Johnson, Elmer W., Alexandria, Minn. Trap nest. 2,049,121; July 28.
- Johnson, Elmo W., deceased, and N. J. Buck, Hicksville, N. Y., B. L. Johnson, executrix of said E. W. Johnson, deceased. Tractor. 2,046,560; July 7.
- Johnson, Emil L., and O. Lundsten, Attleboro, Mass. Clasp. 2,039,225; Apr. 28.
- Johnson, Emil L., and O. Lundsten, Attleboro, Mass. Bouquet holder. 2,047,825; July 14.
- Johnson, Eric A., assignor to Inland Wire Products Co., Chicago, Ill. Box tie and seal therefor. 2,046,634; July 7.
- Johnson, Ernest E., Scotia, N. Y., assignor to General Electric Company. Measuring device. 2,057,576; Oct. 13.
- Johnson, Evert F., assignor to The Pennzoil Company, Oil City, Pa. Sign. 2,052,771; Sept. 1.
- Johnson, Ewald E. (See Stewart, C. B., and Johnson.)
- Johnson, Forrest F., assignor to The Spencer Manufacturing Co., Spencer, Ohio. Balanced driving head for machines. 2,027,174; Jan. 7.
- Johnson, Frank R., Floral Park, N. Y. Cleaning composition. 2,044,246; June 16.
- Johnson, Frank R., Floral Park, N. Y., and Charles F. Pflanze, University City, Mo., said Johnson assignor to said Pflanze. Attaching printing plates to presses. 2,060,082; Nov. 10.
- Johnson, Frank W., Pennsgrove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing pigments of the indanthrone series. 2,026,637; Jan. 7.
- Johnson, Frank W., Pennsgrove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the N-dihydro-1,2,2',1'-anthraquinone azine series and the production thereof. 2,030,876; Feb. 18.
- Johnson, Frank W., Pennsgrove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of derivatives of N-dihydro-1,2,2',1'-anthraquinone azine. 2,030,877; Feb. 18.
- Johnson, Frank W., Pennsgrove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of boric acid. 2,040,997; May 19.
- Johnson, Frank W., Pennsgrove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigments. 2,046,267; June 30.
- Johnson, Fred A., Jr. (See Johnson, Fred A., assignor.)
- Johnson, Fred A., assignor to F. A. Johnson, Jr., Chicago, Ill. Composite door. 2,040,259; May 12.
- Johnson, Fred R., Hamburg, assignor to The Exolon Company, Bladell, N. Y. Magnetic separation. 2,065,460; Dec. 22.
- Johnson, Frederick B., Murrysville, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker. 2,037,418; Apr. 14.
- Johnson, George A., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Attachment plug receptacle. 2,049,381; July 28.
- Johnson, George H., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Hinge. 2,033,244; Mar. 10.
- Johnson, George T., Columbus, assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Car truck. 2,031,777; Feb. 25.
- Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine—reciprocating type. 2,029,104; Jan. 28.
- Johnson, George W., Norwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Pressing machine. 2,030,595; Feb. 11.
- Johnson, George W., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Pressing element for pressing machines. 2,030,596; Feb. 11.
- Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine for shirts and the like. 2,043,326; June 9.
- Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine and maintaining means. 2,043,480; June 9.
- Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Pressing machine. 2,045,358; June 23.
- Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine with sectional element. 2,050,611; Aug. 11.
- Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine-turret type. 2,050,612; Aug. 11.
- Johnson, George W., Cincinnati, Ohio, assignor, by mesne assignments, to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Power transmission mechanism. 2,060,322; Nov. 10.
- Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Rotary cylinder construction. 2,062,030; Nov. 24.
- Johnson, Gladwin E., Chicago, Ill. Combination drill point gauge, bevel protractor, and center head. 2,064,430; Dec. 15.
- Johnson, Glenn D., assignor, by mesne assignments, to MacClatchie Manufacturing Company, Compton, Calif. Expandable cutter tool. 2,049,450; Aug. 4.
- Johnson, Godwin H., New York, N. Y. Sash and window frame. 2,026,685; Jan. 7.
- Johnson, Gunnar E., East Milton, Mass. Food can attachment. 2,030,597; Feb. 11.
- Johnson, Gunnard E., Hammond, Ind., and T. H. Donahue, Tucson, Ariz., assignors to Anaconda Lead Products Company. Production of composite pigments. 2,046,823; July 7.
- Johnson, Gustaf A., New Bedford, Mass. Electric switch. 2,041,414; May 19.
- Johnson, Gustaf A., New Bedford, Mass. Lamp socket. 2,045,915; June 30.
- Johnson, Gustaf A., New Bedford, Mass. Lamp socket. 2,047,563; July 14.



- Johnson, Gustaf A., New Bedford, Mass. Pendant switch and outlet. 2,047,564; July 14.
- Johnson, Gustaf E., and G. Lowenberg, assignors to Metal Specialties Manufacturing Company, Chicago, Ill. Spraying device. 2,027,103; Jan. 7.
- Johnson, Gustav, West Roxbury, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Collar fastener. 2,028,705; Jan. 21.
- Johnson, Gustav, West Roxbury, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Slide fastener socket. 2,051,715; Aug. 18.
- Johnson, Gustav, West Roxbury, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Button. 2,055,441; Sept. 22.
- Johnson, Gustav, West Roxbury, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Sew-on button. 2,058,318; Oct. 20.
- Johnson, Gustav, West Roxbury, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Slide fastener socket. 2,061,466; Nov. 17.
- Johnson, Gustave A., Newark, N. J., assignor to Electrical Patent Holding Corporation, New York, N. Y. Armored bare ground wire. 2,040,438; May 12.
- Johnson, Gustave T., Sheboygan Falls, Wis. Abrading mowers or like machines. 2,064,166; Dec. 15.
- Johnson, Harold M., and A. C. Perbal, St. Louis, Mo., said Johnson assignor to said Perbal. Illuminated sign. 2,040,695; May 12.
- Johnson, Harry L. (See Gordon, W. L., and Johnson.)
- Johnson, Harry L. (See Gray, C. C., and Johnson.)
- Johnson, Harry L., assignor to Johnson Brothers Engineering Corporation, Waukegan, Ill. Carburetor. 2,060,217; Nov. 10.
- Johnson, Harry W., assignor to The Turner Company, Cedar Rapids, Iowa. Communication system. 2,044,305; June 16.
- Johnson, Helen S., Oak Park, Ill. Traffic lane marker. 2,065,314; Dec. 22.
- Johnson, Henry A., et al. executors. (See Johnson, Henry T.)
- Johnson, Henry C., Los Angeles, Calif. Waffle cooker. 2,029,620; Feb. 4.
- Johnson, Henry T., deceased, by H. A. Johnson, Putney, and E. M. Perring, Richmond, England, executors. Self-supporting bag for golf-sticks and other stick-like articles. 2,045,147; June 23.
- Johnson, Henry W. A., Roslindale, and R. H. Moore, Lexington, assignors to J. W. Moore Valve Corporation, Everett, Mass. Heater. 2,033,904; Mar. 10.
- Johnson, Herbert A. (See Settle, S. B., and Johnson.)
- Johnson, Herbert C., Chicago, Ill. Emulsifying device. 2,041,068; May 19.
- Johnson, Herbert C., Chicago, Ill. Ice crusher. 2,048,569; July 21.
- Johnson, Herbert W. (See Kennedy, J. E., and Johnson.)
- Johnson, Horace L. (See Ross, R. N., and Johnson.)
- Johnson, Howard, Troy, Ohio. Adjustable book end holder. 2,051,448; Aug. 18.
- Johnson, Howard F. (See Connelly, J. F., and Johnson.)
- Johnson, Howard F., assignor to The Champion Machine and Forging Company, Cleveland, Ohio. Pipe coupling. 2,041,132; May 19.
- Johnson, J. Kenneth, et al. (See Wagner, Walter C., assignor.)
- Johnson, James H., Washington, D. C., assignor to The Rochester Company, Inc., San Antonio, Tex. Handkerchief. 2,028,070; Jan. 14.
- Johnson, James K. (See Johnson, Lynn E. and J. K., and Shaver.)
- Johnson, James P., Shaker Heights, Ohio. Pump. 2,026,739; Jan. 7.
- Johnson, Jean P. (See Book, A. J., and Johnson.)
- Johnson, Jesse C., Oakland, Calif. Apparatus for feeding fuel oil to burners for boilers and similar installations. 2,028,393; Jan. 21.
- Johnson, John, Cheam, England. Water tube boiler. 2,034,237; Mar. 17.
- Johnson, John A. (See Lawton, M. W., and Johnson.)
- Johnson, John A., Woodhaven, N. Y. Feeding means for sealing pads for receptacle closure caps. 2,028,218; Jan. 21.
- Johnson, John A., Woodhaven, N. Y. Feeding means for sealing pads for receptacle closure caps. 2,028,219; Jan. 21.
- Johnson, John A., Woodhaven, N. Y. Closure cap feeding device. 2,033,988; Mar. 17.
- Johnson, John A., Woodhaven, N. Y. Feeding means for receptacle closure caps. 2,040,851; May 19.
- Johnson, John A., assignor to National Supply & Service Corporation, Crawfordsville, Ind. Spark screen. 2,053,694; Oct. 27.
- Johnson, John B., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system regulation. 2,050,703; Aug. 11.
- Johnson, John B., Maplewood, and H. W. Weinhardt, Elizabeth, N. J., assignors to Bell Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,063,314; Dec. 8.
- Johnson, John I., Springfield, Mass. Power transmission chain. 2,036,216; Apr. 7.
- Johnson, John J., Dallas, Tex. Photographic apparatus. 2,050,571; Aug. 11.
- Johnson, John K., Rye, N. Y., assignor to Hazeltine Corporation. Coupling system. 2,038,294; Apr. 21.
- Johnson, John K., Rye, N. Y., assignor to Hazeltine Corporation. Detector circuit. 2,041,291; May 19.
- Johnson, John K., Rye, assignor to Hazeltine Corporation, New York, N. Y. Variable inductance tuning device. 2,054,424; Sept. 15.
- Johnson, John K. (See Perry, R. S., Johnson, and Oberhoffen.)
- Johnson, John R., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Slideway for machine tool elements. 2,049,394; July 28.
- Johnson, John S. (See Johnson, August and J. S.)
- Johnson & Johnson. (See Bender, H. L., and Bennett, assignors.)
- Johnson & Johnson. (See Crockford, Joseph R., assignor.)
- Johnson & Johnson. (See Gale, George E., Jr., assignor.)
- Johnson & Johnson. (See Jordan, John T., assignor.)
- Johnson & Johnson. (See King, George S., assignor.)
- Johnson, Jonas F., Chicago, assignor of one-half to F. Deglan, Elmhurst, Ill. Panel board. 2,055,032; Sept. 22.
- Johnson, Joseph. (See Wilson, L. A., and Johnson.)
- Johnson, Joseph B. (See Arms, M. H., and Johnson.)
- Johnson, Joseph W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Preparing soles for cement shoes. 2,058,460; Oct. 27.
- Johnson, Joseph W., Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Nozzle for machines for preparing soles for cement shoes. 2,058,461; Oct. 27.
- Johnson, L. E. et al. (See Ridley, Ralph M., assignor.)
- Johnson Laboratories, Inc. (See Crossley, Alfred, assignor.)
- Johnson Laboratories, Inc. (See Crossley, A., and Meinema, assignors.)
- Johnson Laboratories, Inc. (See Gustafson, Edwin A., assignor.)
- Johnson Laboratories, Inc. (See Kirk, M. J., and McGinley, assignors.)
- Johnson Laboratories, Inc. (See Polydoroff, Wladimir, J., assignor.)
- Johnson Laboratories, Inc. (See Schaper, William A., assignor.)
- Johnson, Lawrence E. (See Popp, Leonard A., assignor.)
- Johnson, Lawrence J., Boston, Mass. Plug and socket coupling. 2,037,907; Apr. 21.
- Johnson, Lewis H., Madison, N. J., and F. K. Low, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,029,723; Feb. 4.
- Johnson, Lil A., et al. (See Rowe, Claude O., assignor.)
- Johnson, Lloyd A., Hillsborough, Calif. Oil retainer. 2,031,956; Feb. 25.
- Johnson, Lloyd F., Wheaton, assignor to United States Gypsum Company, Chicago, Ill. Reinforced plaster base. 1,054,085; Sept. 15.
- Johnson, Louis J., Whittemore, Mich. Receptacle. 2,041,349; May 19.
- Johnson, Lynn E., et al. (See Wagner, Walter C., assignor.)
- Johnson, Lynn E., Canastota, J. K. Johnson, Oneida, and B. H. Shaver, Cazenovia, N. Y. Tensioning device for antiskid armor. 2,063,439; Dec. 8.
- Johnson, Manfred J., Naugatuck, assignor to Dictaphone Corporation, Bridgeport, Conn. Electromagnetic phonograph recorder. 2,054,980; Sept. 22.
- Johnson, Manfred J., Naugatuck, Conn., assignor to Dictaphone Corporation, New York, N. Y. Dictating machine. 2,057,379; Oct. 13.
- Johnson Manufacturing Company, The. (See Wickersham, D. P., and Waldvogel, assignors.)
- Johnson-March Corporation. (See Johnson, Arthur A., assignor.)
- Johnson, Marvin O., assignor to Koehring Company, Milwaukee, Wis. Mechanical puddler. 2,041,350; May 19.
- Johnson, Mary, Cleveland, Ohio. Automobile brake. 2,063,440; Dec. 8.
- Johnson, Mary L., Mahwah, and W. W. Lillard, Midland Park, N. J. Rug beater. 2,037,135; Apr. 14.
- Johnson Matthey & Company Limited. (See Powell, A. R., and Davies, assignors.)
- Johnson, Milton, Port Orchard, Wash. Slicing device. 2,043,175; June 2.
- Johnson Motor Company. (See Blue, Ralph, assignor.)
- Johnson Motor Company. (See Karasinski, Romulad, assignor.)
- Johnson Motor Company. (See King, Don W., assignor.)
- Johnson Motor Company. (See Rayniak, Joseph G., assignor.)
- Johnson Motor Company. (See Tanner, Philip A., assignor.)
- Johnson, Norman G., and H. A. Lewis, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive composition. 2,033,196; Mar. 10.
- Johnson, Oliver W. (See Williams, P. S., and Johnson.)
- Johnson, Oliver W., Geneva, Ohio. Ladder support. 2,046,516; July 7.
- Johnson, Olof, Oakland, Calif. Draft preventer. 2,053,793; Sept. 8.
- Johnson, Oscar A., Chattanooga, Tenn. Grinding mill. 2,051,716; Aug. 18.
- Johnson, Oscar B., Ensign, Kans. Field tiller. 2,029,872; Feb. 4.
- Johnson, Oscar N. (See Macdonald, L. S., and Johnson.)



- Johnson, Oscar W., Rochester, N. Y., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Folding machine. 2,034,040; Mar. 17.
- Johnson, Oscar W., Rochester, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio. Removable container for extractors. 2,059,461; Nov. 3.
- Johnson, Pat B., Charlotte, N. C. Piston ring. 2,037,984; Apr. 21.
- Johnson, Paul A., Grand Haven, Mich. Ground key valve. 2,041,415; May 19.
- Johnson, Paul A., Grand Haven, Mich. Combination bushing for beer barrels. 2,056,524; Oct. 6.
- Johnson, Paul B., assignor of one-fourth to D. O. Anderson, one-fourth to H. Mayson, and one-fourth to P. E. Woods, Los Angeles, Calif. Rotary internal combustion engine. 2,062,576; Dec. 1.
- Johnson, Ray C., Port Hunter, assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Textile manufacture. 2,035,268; Mar. 24.
- Johnson, Ray M., Birch Run, Mich. Valve. 2,035,548; Mar. 31.
- Johnson, Raymond K. (See Dake, C. W., and Johnson.)
- Johnson, Roy, Seattle, Wash. Mechanical coal stoker. 2,055,725; Sept. 29.
- Johnson, Roy W., Milwaukee, Wis. Time controlled mechanism for valves or the like. 2,028,933; Jan. 28.
- Johnson, Roy W., Milwaukee, Wis. Solenoid valve. 2,041,416; May 19.
- Johnson, Roy W., Wyoming, assignor to The International Manufacturing Company, Cincinnati, Ohio. Automobile lamp. 2,035,432; Mar. 24.
- Johnson, Russell H., Indianapolis, Ind. Fineness modulus indicator. 2,063,506; Dec. 8.
- Johnson, Russell W., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Grille fastener and installation thereof. 2,047,510; July 14.
- Johnson, S. C., & Son, Inc. (See Gewalt, William C., assignor.)
- Johnson, Samuel J., assignor to Clopay Corporation, Cincinnati, Ohio. Window shade and making. 2,064,165; Dec. 15.
- Johnson, Selyar G., Chicago, Ill. Stenciling device. 2,043,438; June 9.
- Johnson Service Company. (See Otto, Arthur J., assignor.)
- Johnson Service Company. (See Otto, Carl A., assignor.)
- Johnson, Sheldon K. (See Walker, Joseph B., assignor.)
- Johnson, Sigurd N., and W. Hall, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Apparatus for expanding articles. 2,037,795; Apr. 21.
- Johnson, Stanley N., assignor to Motor Wheel Corporation, Lansing, Mich. Assembling die. 2,042,716; June 2.
- Johnson Steel & Wire Company. (See Johnson, Charles D., assignor.)
- Johnson, Stephen, Jr. (See McCune, J. C., and Johnson.)
- Johnson, Stephen, Jr. (See Vorech, S., and Johnson.)
- Johnson, Stephen, Jr., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Motor vehicle control mechanism. 2,062,812; Dec. 1.
- Johnson, Stephen, Jr., and W. A. Eaton, assignors to Bendix Westinghouse Automatic Air Brake Company, Pittsburgh, Pa. Brake mechanism. 2,053,614; Sept. 8.
- Johnson, Stephen, Jr., and R. H. Casler, assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Trailer vehicle. 2,056,525; Oct. 6.
- Johnson, Stephen S., Jr., Short Hills, N. J., assignor to The M. W. Kellogg Company, New York, N. Y. Distilling petroleum under vacuum. 2,050,329; Aug. 11.
- Johnson, Sven, North Bergen, N. J. Display device. 2,053,832; Sept. 8.
- Johnson, Swan, Tujunga, Calif. Clutch device adapted for spray guns. 2,037,240; Apr. 14.
- Johnson, Sylvester A., North Providence, assignor to A and Z Chain Company, Providence, R. I. Extendible and adjustable clasp for watch-bracelets or the like. 2,042,154; May 26.
- Johnson, Tomlinson F., Atlanta, Ga. Repeating fuse. 2,059,796; Nov. 3.
- Johnson, Treat B., Bethany, Conn., assignor to Winthrop Chemical Company, Inc., New York, N. Y. Derivatives of thiazole and preparing the same. 2,030,373; Feb. 11.
- Johnson, Theodore E., Fort Lauderdale, Fla. Automatically operable seed planter. 2,031,713; Feb. 25.
- Johnson, Theodore W., assignor to Deere & Company, Moline, Ill. Tractor supported implement attachment. 2,033,380; Mar. 10.
- Johnson, Thomas A., Chicago, Ill., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Feather renovating. 2,032,579; Mar. 3.
- Johnson, Thomas C., Quincy, Ill. Roll paper holder and cutter. 2,035,704; Mar. 31.
- Johnson, Treat B., Bethany, Conn., assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Hydroxy diphenyl sulphide derivatives. 2,065,808; Dec. 29.
- Johnson, Wallace C., Orange, N. J., assignor to The Plykrome Corporation, New York, N. Y. Making composite metal. 2,059,584; Nov. 3.
- Johnson, Warner D., St. Louis Park, Minn. Composition building element. 2,039,536; May 5.
- Johnson, Warren, New Orleans, La. Operating mechanism for elevators. 2,033,524; Mar. 10.
- Johnson, Warren V., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Mine car wheel. 2,049,908; Aug. 4.
- Johnson, Welton V., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Sensitive polar relay. 2,036,277; Apr. 7.
- Johnson, Wilfrid E., Schenectady, N. Y., assignor to General Electric Company. Compressor and balancing device therefor. 2,030,701; Feb. 11.
- Johnson, Wilfrid E., Schenectady, N. Y., assignor to General Electric Company. Intake muffler. 2,058,990; Oct. 27.
- Johnson, Wilfrid E., Schenectady, N. Y., assignor to General Electric Company. Machine mounting. 2,063,682; Dec. 8.
- Johnson, Wilfrid E., Schenectady, N. Y., assignor to General Electric Company. Lubricating system. 2,066,177; Dec. 29.
- Johnson, William C. (See McCahey, George F., assignor.)
- Johnson, William C., assignor to Machinery Development Company, Milwaukee, Wis. Setting out machine. 2,063,101; Dec. 8.
- Johnson, William G., Milwaukee, Wis. Pulverizer. 2,041,188; May 19.
- Johnson, William W. Houston, Tex., assignor to Sinclair Refining Company, New York, N. Y. Coking hydrocarbons. 2,059,734; Nov. 3.
- Johnson's, Iver, Arms & Cycle Works. (See Back, Leonard, assignor.)
- Johnson's, Iver, Arms & Cycle Works. (See Curtis, Arthur P., assignor.)
- Johnston, Arthur J., Aldan, Pa., assignor to General Electric Company. Remote signaling system. 2,042,532; June 2.
- Johnston, Clarence A., Pecos, N. Mex. Dispensing container. 2,029,660; Feb. 4.
- Johnston, Donald F., Pelham, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,055,659; Sept. 29.
- Johnston, Edward A., Chicago, Ill. Razor blade stropper and honer. 2,044,850; June 23.
- Johnston, Edward A., Chicago, Ill. Razor blade sharpener. 2,048,868; July 28.
- Johnston, Edward A., Chicago, Ill. Razor blade sharpener. 2,048,869; July 28.
- Johnston, Edward A., Chicago, Ill. Razor blade sharpener. 2,064,836; Dec. 22.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Tractor. 2,031,317; Feb. 18.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. High compression engine. 2,032,755; Mar. 3.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Doffing means for cotton pickers. 2,034,907; Mar. 24.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Rubber track for track laying tractors. 2,037,983; Apr. 21.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Power lift for tractors. 2,039,316; May 5.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Hydraulic power lift. 2,039,801; May 5.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Track for track type tractors. 2,040,696; May 12.
- Johnston, Edward A., H. F. Bryan, and H. H. Turner, Chicago, Ill., assignors to International Harvester Company. Heavy fuel vaporizer. 2,028,333; Jan. 21.
- Johnston, Edward A., Chicago, and D. B. Baker, Riverside, Ill., assignors to International Harvester Company. Track type tractor. 2,048,933; July 28.
- Johnston, Edward A., Chicago, and B. R. Benjamin, Oak Park, Ill., assignors to International Harvester Company. Draft coupling device for tractors. 2,052,303; Aug. 25.
- Johnston, Edward F., Wilmington, Del. Lacquer. 2,031,606; Feb. 25.
- Johnston, Frank H., Dayton, and A. R. Lambert, Oakwood, assignors to The Ohio Units Incorporated, Dayton, Ohio. Abrading or cutting apparatus. 2,037,796; Apr. 21.
- Johnston, Herbert L., assignor to The Hobart Manufacturing Company, Troy, Ohio. Food handling apparatus. 2,047,476; July 14.
- Johnston, Herbert L., assignor to The Hobart Manufacturing Company, Troy, Ohio. Washing machine. 2,058,083; Oct. 20.
- Johnston, Herbert L., assignor to The Hobart Manufacturing Company, Troy, Ohio. Food handling apparatus. 2,060,807; Nov. 17.
- Johnston, Herbert V., Modesto, Calif. Step-in baby crib. 2,059,240; Nov. 3.
- Johnston, Howard A., Toronto, Ontario, Canada. Measuring device. 2,028,871; Jan. 28.
- Johnston, Howard A., Toronto, Ontario, Canada. Sleeve stretcher. 2,063,683; Dec. 8.
- Johnston, Howard A., Toronto, Ontario, Canada. Stretcher for use with drying forms. 2,065,372; Dec. 22.
- Johnston, Howard M., assignor to Massey-Harris Company, Limited, Toronto, Ontario, Canada. Pitman for machine. 2,064,476; Dec. 15.



- Johnston, James W., Manchester, N. H., assignor to North American Holding Corporation, Syracuse, N. Y. Grading machine. 2,052,829; Sept. 1.
- Johnston, James W., Manchester, N. H., assignor to North American Holding Corporation, Syracuse, N. Y. Grading machine. 2,052,830; Sept. 1.
- Johnston, John R., Jr. (See Boyles, E. R., and Moon, assignors.)
- Johnston, Mordica O., Glendale, Calif., assignor, by mesne assignments, to Technicraft Engineering Corporation. Casing perforating gun. 2,048,451; July 21.
- Johnston, Norris. (See Jones, B. A., and Johnston.)
- Johnston Pump Company. (See Miller, De Mont G., assignor.)
- Johnston, Robert F., McKeesport, Pa., assignor to American Sheet and Tin Plate Company. Removing cavities from sheet metal. 2,065,461; Dec. 22.
- Johnston, Robert S., Yardley, Pa., assignor to John A. Roebing's Sons Company, Trenton, N. J. Coated welding rod. 2,062,457; Dec. 1.
- Johnston, Robert T., Plainfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Coated base material. 2,060,083; Nov. 10.
- Johnston, Robert T., Plainfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Coated wood material. 2,060,084; Nov. 10.
- Johnston, Sterling, Bethlehem, Pa., assignor to McClintic-Marshall Corporation. Building construction. 2,049,262; July 28.
- Johnston, Wayburn E., Minneapolis, Minn. Pressure operated regulator for burners. 2,032,283; Feb. 25.
- Johnston, Wayburn E., Minneapolis, Minn. Pressure regulating valve. 2,032,284; Feb. 25.
- Johnston, William C., Lincoln, Nebr. Tractor wheel tread. 2,037,136; Apr. 14.
- Johnston, William, Jr., Pittsburgh, Pa. Cinder pot. 2,057,528; Oct. 13.
- Johnstone, Harold G., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Accounting system. 2,034,260; Mar. 17.
- Johnstone, Harold G., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Key controlled apparatus. 2,061,277; Nov. 17.
- Johnstone, Harold G., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Duplicating mechanism. 2,062,456; Dec. 1.
- Johnstone, Henry F., assignor to Board of Trustees of the University of Illinois, Urbana, Ill. Removing catalysis inhibitors from aqueous solutions. 2,027,982; Jan. 14.
- Johnstone, Robert M. (See Cameron, J. A., and Johnstone.)
- Johnstone, Robert McC., Short Hills, N. J., assignor to Cameron Machine Company, Brooklyn, N. Y. Machine for combining and winding two or more webs of flexible material. 2,057,029; Oct. 13.
- Johst, Eugene A., New York, N. Y. Hand protector. 2,047,635; July 14.
- Jokela, Lawrence, and V. J. Procita, Brooklyn, N. Y. Tie-holding attachment for shirts. 2,043,799; June 9.
- Jokubaitis, Damians J., Detroit, Mich. Vegetable cutting machine. 2,039,962; May 5.
- Jolado Corporation. (See Doll, Joseph A., assignor.)
- Jolley, Sidney W., Osawatomie, Kans. Steam power plant generator. 2,049,652; Aug. 4.
- Jolly, Carl H., United States Navy. Hoisting sling. 2,063,040; Dec. 8.
- Jolly, Carl H., United States Navy. Chuck for airplane wheels. 2,065,528; Dec. 29.
- Jomek, Paul. (See Friedmann, L., Deutsch, Jomek, Nemetz, and Eitzelt.)
- Jonas, Frank D. (See Wood, S. A., and Jonas.)
- Jonas, Frank D., East Williston, N. Y., assignor to Oxford Filing Supply Co., Brooklyn, N. Y. Filing folder and manufacturing the same. 2,037,579; Apr. 14.
- Joncha, Anton, East Moline, Ill., assignor to American Machine and Metals Manufacturing Corporation, New York, N. Y. Grease dispensing unit. 2,059,965; Nov. 3.
- Jones, A. Trevor. (See De Haes, Jerome, assignor.)
- Jones, Alfred, assignor to W. M. Still & Sons Limited, London, England. Apparatus for the distillation of dry cleaning liquid. 2,039,963; May 5.
- Jones, Andrew U., Montreal, Quebec, Canada. Humidifying apparatus. 2,065,707; Dec. 29.
- Jones, B. W., Schenectady, and L. D. Meeker, Scotia, N. Y., assignors to General Electric Company. Remote control system. 2,032,937; Mar. 3.
- Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Thermal relay. 2,051,379; Aug. 18.
- Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Thermal relay. 2,051,380; Aug. 18.
- Jones, Bernard A., and N. Johnston, Cuyahoga Falls, assignors to The Firestone Tire and Rubber Company, Akron, Ohio. Viscometer. 2,034,658; Mar. 17.
- Jones, Brinley. (See Singleton, W., Hulm, and Jones.)
- Jones, Charles L. (See Rodman, C. J., Hecht, and Jones.)
- Jones, Charles T. (See Ricks, F., and Jones.)
- Jones, Charles T., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe-supporting mechanism. 2,035,549; Mar. 31.
- Jones, Chester D., assignor to Pittsburgh Water Heater Corporation, Pittsburgh, Pa. Heater structure. 2,051,215; Aug. 18.
- Jones, Clarence L. G., Parktown, Johannesburg, Transvaal, Union of South Africa. Changeable signs. 2,059,951; Nov. 3.
- Jones, Clarence M., Tulsa, Okla. Captive receptacle cap. 2,060,622; Nov. 10.
- Jones, Colin C. (See Mott, G. A., and Jones.)
- Jones, Coulter W., Altadena, Calif. Sulphur refining process. 2,044,214; June 16.
- Jones, David, Ottawa, Ontario, Canada. Securing means for hammer heads. 2,055,151; Sept. 22.
- Jones, David, assignor of one-fourth to P. B. Scott, one-fourth to R. G. Thomson, and one-fourth to C. Rivers, Ottawa, Ontario, Canada. Sash lock and holder. 2,029,569; Feb. 4.
- Jones, David, Iraan, Tex., assignor of one-half to F. E. King. Sand separator. 2,029,323; Feb. 4.
- Jones, David H., assignor of one-half to Scaffolding (Great Britain) Limited, London, England. Clamp for scaffolding. 2,044,700; June 16.
- Jones, David M. (See Whitmore, F. C., Homeyer, Jones, and Trent.)
- Jones, Dramin D., Jersey City, N. J. Automatic microphone boom. 2,053,833; Sept. 8.
- Jones, Earl E., Glendora, Calif. Shield attachment for eyeglass frames. 2,052,772; Sept. 1.
- Jones, Edward D., and W. R. Teller, Cleveland, Ohio, assignors to American Gas Association, Incorporated, New York, N. Y. Burner control apparatus. 2,049,958; Aug. 4.
- Jones, Edward D., and W. R. Teller, Cleveland, Ohio, assignors to American Gas Association, Incorporated, New York, N. Y. Burner control apparatus. 2,049,959; Aug. 4.
- Jones, Edward D., and W. R. Teller, Cleveland, Ohio, assignors to American Gas Association, Incorporated, New York, N. Y. Burner control apparatus. 2,049,960; Aug. 4.
- Jones, Edward G., Hutchinson, Kans. Sole patch. 2,040,001; May 5.
- Jones, Edward H. (See Betts, W. L., and Jones.)
- Jones, Edwin A., assignor to L. J. Mueller Furnace Company, Milwaukee, Wis. Heat exchange apparatus. 2,053,036; Sept. 1.
- Jones, Edwin W., London, England, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Soot blower. 2,049,451; Aug. 4.
- Jones, Ellis L., Long Island City, assignor, by mesne assignments, to American Sealcone Corporation, New York, N. Y. Paraffining apparatus. 2,044,077; June 16.
- Jones, Ellis L., Bellaire, assignor to American Sealcone Corporation, New York, N. Y. Paraffining receptacles. 2,044,078; June 16.
- Jones, Ernest F., London, England. Apparatus for production of steel tubes and other sections. 2,026,979; Jan. 7.
- Jones, Ernest R., Bromsgrove, A. B. Denton, Wollaston, Stourbridge, and J. A. Coombs, London, England, assignors to Activated Sludge Incorporated, Chicago, Ill. Fluid treatment apparatus. 2,040,941; May 19.
- Jones, Frances E. and F. D. Helena, Mont. Toy corner block construction. 2,041,069; May 19.
- Jones, Francis D. (See Jones, Frances E. and F. D.)
- Jones, Frank, Toronto, Ontario, Canada, Lining for garments. 2,056,068; Sept. 29.
- Jones, Frank E., West Lafayette, assignor to The Jones Metal Products Company, West Lafayette, Ohio. Cooking apparatus. 2,032,175; Feb. 25.
- Jones, Frank N., Chicago, and E. E. Hodgkin, Quincy, Ill. Multituit container. 2,052,475; Aug. 25.
- Jones, Frederick A. (See Willshaw, H., Twiss, Goodhall, and Jones.)
- Jones, Frederick B. (See Madge, E. W., Jones, and Karkinson.)
- Jones, George M. G., Ipswich, England. Golf bags. 2,064,542; Dec. 15.
- Jones, George O., Ludowici, Ga. Transmission. 2,029,661; Feb. 4.
- Jones, Harold D., Payson, Utah. Theftproof gas tank. 2,041,070; May 19.
- Jones, Harry C., New York, N. Y. Negative holder. 2,026,836; Jan. 7.
- Jones, Harry C., New York, N. Y. Whirler for printing plates. 2,033,469; Mar. 10.
- Jones, Harry C., New York, N. Y. Printing frame. 2,035,892; Mar. 31.
- Jones, Harry C., New York, N. Y. Offset proof press mechanism. 2,043,543; June 9.
- Jones, Harry J., Irvington, assignor to Baker & Company, Inc., Newark, N. J. Spinneret. 2,051,861; Aug. 25.
- Jones, Herbert E., Lake Wilson, Minn. Rear view mirror for trucks. 2,047,325; July 14.
- Jones, Hilton I. (See Alton, W. H., and Jones.)
- Jones, Hilton I., Wilmette, assignor to The Naselmo Corporation, Chicago, Ill. Embalming composition. 2,048,008; July 21.
- Jones, Homer W. (See Brookins, W. L., and Jones.)
- Jones, Homer W. (See Bryce, C. K., and Jones.)
- Jones, Homer W. (See Kehl, R. J., and Jones, assignors.)
- Jones, Homer W., Elizabeth, J. H. Bucknam, Cranford, and H. W. Cowin, Westfield, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Cutting or welding machine. 2,054,425; Sept. 15.



- Jones, Jacob, Woodinville, Wash., assignor of sixteen and one-third per cent to H. P. Peterson, sixteen and one-third per cent to K. Irvin, and sixteen and one-third per cent to J. H. Utt. Apparatus for heating vapor, and burning stumps thereby. 2,040,485; May 12.
- Jones, James, Wyatt, Mo. Signal device. 2,050,181; Aug. 4.
- Jones, John A., and A. C. Miller, Baltimore, Md. Machine for trimming and splicing the waste ends of paper and similar webs. 2,059,873; Nov. 3.
- Jones, John E., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of immunized cotton or other cellulose fibers. 2,031,657; Feb. 25.
- Jones, John G., and H. G. Dewey, assignors to Eastman Kodak Company, Rochester, N. Y. Electrically welding all metal spools. 2,051,216; Aug. 18.
- Jones, Jonathan, Bethlehem, Pa., assignor to McClintic-Marshall Corporation. Structural element. 2,049,263; July 28.
- Jones, Joseph R., Portland, Oreg. Three wheeled automobile. 2,038,843; Apr. 28.
- Jones, Joseph W. (See Reilly, F. C., and Jones.)
- Jones, Joseph W., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Tractor. 2,046,517; July 7.
- Jones, Kenneth W., Cheam, England. Needle for use in making rugs and for other purposes. 2,053,721; Sept. 8.
- Jones, Kenneth W., Cheam, England. Device for cutting loops of wool such as are formed in making wool rugs, mats, carpets, or the like. 2,065,185; Dec. 22.
- Jones & Lamson Machine Company. (See Beardsley, Robert O., assignor.)
- Jones & Lamson Machine Company. (See Beardsley, R. O., Bysshe, and Finn, assignors.)
- Jones & Lamson Machine Company. (See Lovely, John E., assignor.)
- Jones & Lamson Machine Company. (See Lovely, J. E., and Knights, assignors.)
- Jones & Laughlin Steel Corporation. (See Littler, Carl W., assignor.)
- Jones & Laughlin Steel Corporation. (See Lynch, Albert S., assignor.)
- Jones & Laughlin Steel Corporation. (See Weibel, Alexander R., assignor.)
- Jones & Laughlin Steel Corporation. (See Weibel, A. R., and Jones, assignors.)
- Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Continuous process of chemically treating petroleum oil. 2,035,655; Mar. 31.
- Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Dewaxing oil. 2,036,966; Apr. 7.
- Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Dewaxing petroleum stock. 2,053,337; Sept. 8.
- Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Feeding and treating system for fluids. 2,058,889; Oct. 27.
- Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Distillation. 2,062,266; Nov. 24.
- Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Apparatus for purification of oil. 2,064,798; Dec. 15.
- Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Liquid impelling system. 2,064,799; Dec. 15.
- Jones, Lloyd E. (See McDill, R. DeO., and Jones.)
- Jones, Lloyd E., Pasadena, assignor to Food Machinery Corporation, San Jose, Calif. Brush making machine. 2,031,658; Feb. 25.
- Jones, Lloyd T. (See Kennedy, H. E., Rotermund, and Jones.)
- Jones, Lloyd T., Berkeley, Calif. Luminescent tube. 2,056,464; Oct. 6.
- Jones, Lloyd T., H. E. Kennedy, and M. A. Rotermund, Berkeley, Calif., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Electric welding. 2,043,960; June 9.
- Jones, Lyman L., Seattle, Wash., assignor to American Can Company, New York, N. Y. Soldering can bodies or the like. 2,054,086; Sept. 15.
- Jones, Mallie D. (See Jacobus, Nelson L., assignor.)
- Jones, Mary, et al. (See Nash, William C., assignor.)
- Jones, Marvyn, Kansas City, Mo. Machine for driving piling in railroad beds. 2,063,383; Dec. 8.
- Jones Metal Products Company, The. (See Jones, Frank E., assignor.)
- Jones Metal Products Company, The. (See McKay, John A., assignor.)
- Jones, Otis L., assignor of one-half to Illinois Clay Products Company, and one-half to F. E. Schundler & Company, Inc., Joliet, Ill. Plastic refractory insulating material. 2,043,249; June 9.
- Jones, Otis L., assignor of one-half to The Illinois Clay Products Company and one-half to F. E. Schundler & Company, Inc., Joliet, Ill. Porous refractory insulating cement. 2,063,102; Dec. 8.
- Jones, Paul C., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of aromatic dithiocarbamates. 2,046,875; July 7.
- Jones, Paul C., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of diaryl dithiocarbamates. 2,046,876; July 7.
- Jones, Paul Edward. (See Montgomery, J. E., and Jones.)
- Jones, R. A., & Company. (See Jones, Ruel A., assignor.)
- Jones, Ray C., Tiffin, Ohio. Servicing covered vehicle springs. 2,050,572; Aug. 11.
- Jones, Ray E., assignor to Detroit Lubricator Company, Detroit, Mich. Detachable union. 2,042,229; May 26.
- Jones, Richard J. (See Brown, L., and Jones.)
- Jones, Robert, Bay Shore, N. Y. Attachment for standard lawn mowers. 2,032,701; Mar. 3.
- Jones, Robert F., Framingham, Mass. Fish cutting machine. 2,048,701; July 28.
- Jones, Robert M., Saco, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Lap winding machine. 2,045,469; June 23.
- Jones, Roy S., assignor to The Barber Manufacturing Company, Anderson, Ind. Spring cushion construction. 2,051,087; Aug. 18.
- Jones, Ruel A., assignor to R. A. Jones & Company, Inc., Covington, Ky. Container filling machine. 2,051,483; Aug. 18.
- Jones, Russell C. (See Price, J., and Jones.)
- Jones, Samuel G., Norfolk, Va. Universal joint. 2,040,002; May 5.
- Jones, Thomas D., Metuchen, N. J., and J. C. Reinhardt, Omaha, Nebr., assignors to American Smelting and Refining Company, New York, N. Y. Detinning lead alloys. 2,043,575; June 9.
- Jones, Thomas H., Woodthorpe, England. Knitted fabrics and in the production thereof. 2,038,493; Apr. 21.
- Jones, Truman H., assignor to Hoffman Gas & Electric Heater Company, Louisville, Ky. Anti-siphoning device. 2,062,516; Dec. 1.
- Jones & Vining, Inc. (See Harriman, Charles E., assignor.)
- Jones & Vining, Inc. (See Harriman, C. E., and Robinson, assignors.)
- Jones, W. Bartlett, Chicago, Ill. Manufacture of wet-formed compacts. 2,053,996; Sept. 8.
- Jones, W. Bartlett, Chicago, Ill. Sponge applicator. 2,054,198; Sept. 15.
- Jones, W. D. (See Thompson, Alex., assignor.)
- Jones, Walter, Princeton, assignor to Carrier Engineering Corporation, Newark, N. J. Cold storage humidification and dehumidification system. 2,059,874; Nov. 3.
- Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener installation and fastener for the same. 2,031,563; Feb. 18.
- Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener secured installation. 2,048,659; July 21.
- Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener secured installation. 2,048,660; July 21.
- Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener stud. 2,051,407; Aug. 18.
- Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Wallboard structure and fastener. 2,055,442; Sept. 22.
- Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Nut member. 2,055,443; Sept. 22.
- Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Attaching wallboard structure to a support. 2,058,319; Oct. 20.
- Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Separable snap fastener stud. 2,058,320; Oct. 20.
- Jones, Walter L., Kenmore, N. Y. Spinning top. 2,030,302; Feb. 11.
- Jones, Walter L., Kenmore, assignor of one-half to William H. Nugent, Buffalo, N. Y. Closure for collapsible tubes. 2,041,351; May 19.
- Jones, Wilbur L., Yonkers, N. Y., assignor to Demco Library Supplies, Inc., Madison, Wis. Adhesive and manufacture thereof. 2,045,988; June 30.
- Jones, William. (See Weibel, A. R., and Jones.)
- Jones, William A. (See Jacobus, D. S., and Jones.)
- Jones, William A., Westerleigh, N. Y., assignor to Fuller Lehigh Company, Fullerton, Pa. Boiler furnace wall. 2,034,677; Mar. 17.
- Jones, William E. (See Baldwin, A. W., Heilbron, and Jones.)
- Jones, William L. M., assignor to Penn, Olson and Company, Winnipeg, Manitoba, Canada. Grain stacking barge. 2,065,973; Dec. 29.
- Jones, William S., Seaford, Del. Mounting for leaf. 2,061,942; Nov. 24.
- Jongedyk, Ralph. (See Fairfield, W. B., and Jongedyk.)
- Jonker, Johan L. H. (See Van Gessel, K. M., Holst, and Jonker.)
- Jonker, Johan L. H., Eindhoven, Netherlands, assignor to Radio Corporation of America. Electric discharge tube. 2,044,613; June 16.
- Jonnart, André, Charleroi, Belgium. Selective protection of electric distributing networks having an insulated neutral point. 2,041,644; May 19.
- Jonsson, Augustinus E., Stockholm, Sweden. Apparatus for preparation of malt. 2,029,873; Feb. 4.
- Jonsson, Augustinus E., Stockholm, Sweden. Apparatus for treating grain, fruit, vegetables, and the like. 2,035,893; Mar. 31.



- Jonsson, Augustinus E., Stockholm, Sweden. Rotating or oscillating drum. 2,046,685; July 7.
- Jonsson, Johan E., Stockholm, R. W. Larsson, Appelvikén, and A. J. E. Rylander, Stockholm, Sweden. Suction and cleaning apparatus. 2,051,717; Aug. 18.
- Joralemon, Alexander M., Newark, N. J., and A. W. Vaughan, Cleveland, Ohio, assignors to National Carbon Company, Inc. Articulated display. 2,027,536; Jan. 14.
- Jordan, A. H. B. (See Babcock, Garrison, assignor.)
- Jordan, Claude W. (See Ward, A. L., Jordan, and Milbourne.)
- Jordan, Frederick H., Chicago, Ill., assignor to Bendix Products Corporation, South Bend, Ind. Driving control means for automobiles. 2,048,452; July 21.
- Jordan, Hans. (See Schoeller, W., and Jordan.)
- Jordan, Henry, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes and their preparation. 2,030,991; Feb. 18.
- Jordan, Henry, and M. A. Dahlen, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Monazo dyes and their preparation. 2,032,093; Feb. 25.
- Jordan, Isaac N., assignor to Armour and Company, Chicago, Ill. Shipping case. 2,040,313; May 12.
- Jordan, James D. (See Kenney, M. W., and Jordan.)
- Jordan, John T., Chicago, Ill., assignor to Johnson & Johnson, New Brunswick, N. J. Reversible athletic supporter. 2,045,470; June 23.
- Jordan, Kurt R., Ludenscheid in Westphalia, Germany. Lock for interlocking fasteners. 2,032,019; Feb. 25.
- Jordan, Otto, and L. Kollek, Mannheim, and H. Ufer, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Base for coating compositions. 2,054,019; Sept. 8.
- Jordan, Richard H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ice cream freezer. 2,036,217; Apr. 7.
- Jordan, Richard H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical heating unit. 2,041,352; May 19.
- Jordan, Richard H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heating device. 2,050,332; Aug. 11.
- Jordan, Richard H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Room heater. 2,050,333; Aug. 11.
- Jordan, Sidney W., Cleveland, Ohio. Lifting jack. 2,062,132; Nov. 24.
- Jordan, Sloan B. (See Dahlen, M. A., Clapp, and Jordan.)
- Jordan, Warren D., assignor to Franklin Steel Works, Joliet, Ill. Automatic weighing machine. 2,054,290; Sept. 15.
- Jordan, William V., Louisville, Ky. Fluid regulating valve. 2,051,484; Aug. 18.
- Jordhoy, Hans C., North Plainfield, and C. L. Ricards, South Plainfield, N. J., assignors to Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing device. 2,063,384; Dec. 8.
- Jore, Bjorn, Hastings-upon-Hudson, assignor to Anaconda Wire & Cable Company, New York, N. Y. Grounding shielding tape at terminal of insulated conductors. 2,036,414; Apr. 7.
- Jorgensen, Arnold T., Jerome, Idaho. Butter mold. 2,040,003; May 5.
- Jorgensen, Bernhardt, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,026,539; Jan. 7.
- Jorgensen, Bernhardt, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in the manufacture of shoes. 2,033,245; Mar. 10.
- Jorgensen, Bernhardt, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method and machine for use in lasting shoes. 2,040,138; May 12.
- Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Assembling machine. 2,057,030; Oct. 13.
- Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoe uppers. 2,060,085; Nov. 10.
- Jorgensen, Edmund, assignor of one-half to H. W. Hawes, Chicago, Ill. Safety razor and blade therefor. 2,054,220; Sept. 15.
- Jorgensen, Enoch B., Los Angeles, Calif., assignor to Viber Company, Limited. Concrete vibrator mechanism. 2,061,943; Nov. 24.
- Jorgensen, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Power transmission mechanism. 2,046,462; July 7.
- Jorgensen, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-distributing device. 2,047,205; July 14.
- Jorgensen, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,059,241; Nov. 3.
- Jorgensen, Lars R., Berkeley, Calif. Grouting cracks and contraction joints. 2,053,562; Sept. 8.
- Jorrand, Jean A., Aubusson, France. Apparatus for lighting cigarettes or cigars. 2,065,278; Dec. 22.
- Joseph, Albert G. (See Katz, Solomon, assignor.)
- Joseph, Alfred, Paris, France, assignor, by mesne assignments, to Houdry Process Corporation, Dover, Del. Catalytic apparatus and regenerating contact masses therein. 2,042,469; June 2.
- Joseph, Curt, Berlin, Germany, assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Wrapping material. 2,038,114; Apr. 21.
- Joseph, Felix A., Hampstead, London, England. Control of clutches in automobiles. 2,057,491; Oct. 13.
- Joseph, Glenn H. (See Thompson, D. R., and Joseph, assignors.)
- Joseph, Glenn H., Corona, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Treating pectin. 2,061,158; Nov. 17.
- Joseph, Henry, Rosedale, assignor to General Chemical Company, New York, N. Y. Making a catalyst. 2,029,376; Feb. 4.
- Joseph, John F., Cincinnati, assignor to The Cincinnati Rubber Manufacturing Company, Norwood, Ohio. Roll. 2,062,317; Dec. 1.
- Joseph, William. (See Gilowitz, Benjamin, assignor.)
- Josephs, Albert, Oakland, Calif. Dustproof, telescopic automotive trailer. 2,055,930; Sept. 29.
- Joshua, Walter P., Cheam, H. M. Stanley, Tadworth, and J. B. Dymock, Sutton, England. Preparation of isopropyl alcohol. 2,051,144; Aug. 18.
- Joshua, Walter P., Cheam, H. M. Stanley, Tadworth, and J. B. Dymock, Sutton, England. Hydration of olefines. 2,052,095; Aug. 25.
- Joslyn Mfg. and Supply Co. (See Smalley, B. M., and Hauf, assignors.)
- Journal Box Servicing Corporation. (See Bissell, William T., assignor.)
- Journeaux, Didier, West Collingswood, N. J., assignor, by mesne assignments, to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric power rectifier. 2,052,831; Sept. 1.
- Journeaux, Didier, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Magnetic sheet tester. 2,054,020; Sept. 8.
- Journeaux, Didier, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electron discharge device. 2,056,609; Oct. 6.
- Joy, Henry B., Grosse Pointe Farms, Mich. Electric switch mechanism. 2,026,980; Jan. 7.
- Joy, Joseph F., Marion, Ohio, assignor to Sullivan Machinery Company, Chicago, Ill. Manufacture and rebuilding of cutter chains. 2,040,852; May 19.
- Joy, Joseph F., Marion, Ohio, assignor to Sullivan Machinery Company, Chicago, Ill. Cutter chain. 2,048,702; July 28.
- Joy, Joseph F., Marion, Ohio, assignor to Sullivan Machinery Company. Coal mining machine. 2,062,657; Dec. 1.
- Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Kerf-forming method and apparatus. 2,057,684; Oct. 20.
- Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Coal mining machine. 2,062,655; Dec. 1.
- Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Apparatus for mining coal. 2,062,656; Dec. 1.
- Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Kerf cutting apparatus. 2,065,809; Dec. 29.
- Joy Manufacturing Company. (See Arentzen, Einar M., assignor.)
- Joy Manufacturing Company. (See De Vore, Raymond E., assignor.)
- Joyaux, Charles D., Paris France. Ticket printing device. 2,057,031; Oct. 13.
- Joyce, Bryan P., East Orange, N. J., assignor to American Armament Corporation, New York, N. Y. Separable gun mount. 2,046,518; July 7.
- Joyce, Bryan P., East Orange, N. J., assignor to American Armament Corporation, New York, N. Y. Mortar projectile. 2,057,953; Oct. 20.
- Joyce-Cridland Company, The. (See Hott, Ion Von K., assignor.)
- Joyce-Cridland Company, The. (See Hott, I. Von K., and Webster, assignors.)
- Joyce, Harold L., Joliet, Ill. Wallpaper package. 2,034,471; Mar. 17.
- Joyce, Lyndon W., Greensboro, N. C. Assembling machine for stitching together fabric pieces. 2,045,188; June 23.
- Joyce, Lyndon W., assignor to Southern Webbing Mills, Inc., Greensboro, N. C. Unitary metallic and elastic slide and button loop. 2,035,433; Mar. 24.
- Joyce, Lyndon W., assignor to Southern Webbing Mills, Inc., Greensboro, N. C. Suspender slide with button loop. 2,038,179; Apr. 21.
- Joyce, Roy E., assignor to Pittsburgh Equitable Meter Company of California, Los Angeles, Calif. Demountable closure member for valves. 2,059,111; Oct. 27.
- Joyce, Warren, Cleveland, Ohio. Machine for manufacturing paper excelsior. 2,040,745; May 12.
- Juba, Harold, and J. Furey, Nyack, N. Y. Sanitary container. 2,039,424; May 5.
- Jubilee Manufacturing Co. (See Gillet, Alexis, F., assignor.)
- Jubilee Manufacturing Co. (See Nielsen, Peter, assignor.)



- Judson, Alfred O., assignor to The Pilliod Company, Swanton, Ohio. Auxiliary valve gear mechanism. 2,060,939; Nov. 17.
- Judd, Ernest S., Nashville, Tenn. Fluid mixer. 2,043,621; June 9.
- Judd, Gene J., and C. A. Morgan, Indianapolis, Ind. Fuel economizer. 2,037,169; Apr. 14.
- Judd, H. L., Company. (See Whitehead, Oscar N., assignor.)
- Judd, Harold J., assignor to The United Glass Bottle Manufacturers Limited, London, England. Flowerpot. 2,045,189; June 23.
- Judd, Irving H., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Automobile transport. 2,028,547; Jan. 21.
- Judd, Irving H., Dearborn, assignor to Whitehead & Kales Company, River Rouge, Mich. Running gear assembly. 2,046,561; July 7.
- Judd, Morton F., Stratford, Conn., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Toothed friction facing. 2,057,954; Oct. 20.
- Judelshon, Oscar I., Park Ridge, N. J. Variable speed drive. 2,035,269; Mar. 24.
- Judge, Edward E., Lansing, Mich. Multilead head right and left spiral grinding mechanism. 2,032,938; Mar. 3.
- Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,042,662; June 2.
- Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,045,713; June 30.
- Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,045,951; June 30.
- Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,059,112; Oct. 27.
- Judson, Clarence B., Los Angeles, Calif. Switch. 2,034,870; Mar. 24.
- Judson, Wilber. (See Bacon, R. F., and Judson.)
- Judy, Paul R., assignor to Indiana Steel & Wire Company, Muncie, Ind. Flux-coated electrode. 2,032,322; Feb. 25.
- Juffa, Wilhelm, Ilmenau, Germany. Reducing piece for standard ground surfaces. 2,052,713; Sept. 1.
- Juhlin, Gustaf A. (See Ehrenberg, A. C., and Juhlin.)
- Juhlin, Gustaf A., Timperley, and W. A. Coates, Bowdon, England, assignors to General Electric Company. Electric circuit interrupter. 2,056,009; Sept. 29.
- Juhlin, Jalmar, Milwaukee, Wis. Parachute toy. 2,039,597; May 5.
- Juhnke, William H., Los Angeles, Calif. Heater. 2,056,465; Oct. 6.
- Julian, Richard O. (See Gill, C. C., Julian, McIlwraith, and Rutledge.)
- Julien, Arlie P. (See Keene, P. A., and Julien.)
- Julien, Louis F., assignor to Chemberlin Metal Weather Strip Company, Detroit, Mich. Weather strip. 2,049,064; July 28.
- Jump, Eldo M., Toledo, Ohio. Printed sheet drier. 2,040,998; May 19.
- June, Frank H., Jr., Oak Park, Ill. Light shield. 2,058,084; Oct. 20.
- Jung, Adolf. (See Hagedorn, M., and Jung.)
- Jung, Albert H., Flushing, N. Y. Pipe smoker's utensil. 2,049,298; July 28.
- Jung, Erlend V., Jonkoping, Sweden. Fuel-injection compression-ignition engine. 2,045,858; June 30.
- Jung, Heinrich. (See Andersag, H., and Jung.)
- Jung, Norbert A., Cincinnati, Ohio, assignor to Remington Rand Inc., New York, N. Y. Tally winding spool for typewriting, computing, and like machines. 2,059,242; Nov. 3.
- Jung, Oscar H., and P. E. Heffelfinger, Milwaukee, Wis. Electric fuse. 2,055,866; Sept. 29.
- Jung, Oscar H., and P. E. Heffelfinger, assignors to Trico Fuse Mfg. Co., Milwaukee, Wis. Electric fuse. 2,048,391; July 21.
- Jung, Reinhard. (See Tramm, H., and Jung.)
- Junge, Arthur J., St. Louis, Mo. Reel. 2,039,250; Apr. 28.
- Junge, Max, assignor to J. E. Reinecker, A. G. Chemnitz, Germany. Change gear mechanism. 2,029,174; Jan. 28.
- Jungersen, Thøger G., West Allis, Wis. Dumping body for automobile trucks. 2,057,833; Oct. 20.
- Junghans, Helmut, Schramberg-Sulgen, Germany. Fabricating metal bobbins for automatic looms. 2,052,773; Sept. 1.
- Jungholm, Karl J., Stockholm, Sweden. Actuating device for electric apparatus. 2,058,695; Oct. 27.
- Jungkunz, Frank F., Milford, Iowa. Abreast motorcycle control. 2,061,944; Nov. 24.
- Jungmann, Heinrich, Altona-Othmarschen, assignor to Kali-Chemie Aktiengesellschaft, Berlin, Germany. Hexamethylenetetramine compound and producing the same. 2,059,462; Nov. 3.
- Jungmann, Karl, Aussig-on-the-Elbe, Czechoslovakia. Preparation for protecting and sealing wounds and manufacturing the same. 2,039,082; Apr. 28.
- Junior Manufacturing Corporation. (See Creiger, John E., assignor.)
- Junker, Emil, Zurich, Switzerland. Machine for plane grinding piston rings. 2,034,621; Mar. 17.
- Junker & Ruh, A.-G. (See Guhl, H., Dori, and Gargel, assignors.)
- Junkers & Co., G. m. b. H. (See Hegwein, Georg, assignor.)
- Junkers & Co. G. m. b. H. (See Treiber, Hans, assignor.)
- Junkers, Hugo. (See Jänicke, Hermann, assignor.)
- Junkers, Hugo, assignor to firm Junkers-Motorenbau G. m. b. H., Dessau, Germany. Engine. 2,031,318; Feb. 18.
- Junkers-Motorenbau G. m. b. H. (See Junkers, Hugo, assignor.)
- Junkers, Therese. (See Jänicke, Hermann, assignor.)
- Junkin, John C., assignor of one-fourth to W. R. Wuest and one-fourth to J. H. Wuest, Louisville, Ky. Safety guard mechanism for power driven presses and other machines. 2,039,964; May 5.
- Junkin, Joseph S., Chicago, Ill. Nonrefillable bottle. 2,064,167; Dec. 15.
- Junkin, Malcolm P., Lansdowne, assignor to National Metal Edge Box Company, Philadelphia, Pa. Container. 2,044,701; June 16.
- Junkunc, Stephen. (See Pahlow, G. C., and Junkunc.)
- Juno Corporation. (See Stewart, Charles E., assignor.)
- Juno Corporation Limited. (See Stewart, Charles E., assignor.)
- Junod, Edmond, Lausanne, Switzerland. Crystal inserter. 2,050,335; Aug. 11.
- Jurgens, Emil G., and H. K. Becker, assignors to Peters Machinery Co., Chicago, Ill. Bag making and filling machine. 2,027,434; Jan. 14.
- Jurgensen, August P., Atlantic City, N. J., assignor to The De Long Hook and Eye Company. Machine for making sanitary napkins. 2,039,425; May 5.
- Jurgensen, August P., New York, N. Y., assignor to International Cellucotton Products Company, Chicago, Ill. Catamenial bandage. 2,064,431; Dec. 15.
- Jurist, Alfred E. (See Lott, W. A., and Jurist.)
- Jurkat, Gerhard, and W. A. Ebert, Hoboken, N. J. Liquid cooling device. 2,032,130; Feb. 25.
- Jurs, Albert E., Oakland, Calif. Valve system for dispensing liquids. 2,057,834; Oct. 20.
- Just, George A. (See Lunken, E. H., and Just.)
- Justheim, Clarence I., Salt Lake City, Utah. Portable dry ice refrigeration. 2,027,382; Jan. 14.
- Justheim, Clarence I., Salt Lake City, Utah. Automobile insulation and floor board. 2,029,024; Jan. 28.
- Justheim, Clarence I., Salt Lake City, Utah. Freezing ice cream and formula therefor. 2,029,025; Jan. 28.
- Justrite Manufacturing Company. (See Brown, LeRoy O., assignor.)
- Justus, James E., Butler, Mo. Filter. 2,043,379; June 9.
- Juxto-Display Corporation. (See Rice, Alexander, assignor.)
- K. C. M. Company. (See Wilkinson, A. D., and Fanselow, assignors.)
- K-D Manufacturing Company. (See Kulp, Harry W., assignor.)
- K-D Manufacturing Company. (See Kulp, H. W., and Dellinger, assignors.)
- K. P. F. Electric Company. (See Wilkins, Roy, assignor.)
- K-S Specialty Company. (See Klein, Henry.)
- Kaasa, Orin G., Munster, and Thomas B. Kimball, Hammond, Ind., assignors to Sinclair Refining Company, New York, N. Y. Cracking. 2,056,725; Oct. 6.
- Kabushiki Kaisha Kawasaki Zosensho (Kawasaki Dockyard Co. Ltd.) (See Ito, Masaji, assignor.)
- Kabushiki Kaisha L. Leybold Shokwan et al. (See Okano, Kinji, assignor.)
- Kacena, Joseph F., Chicago, Ill. Adjustable trestle. 2,048,009; July 21.
- Kachkaroff, Pierre, Châtillon-sous-Bagneux, and C. Matignon, Paris, France. Process for the simultaneous production of sulphuric and nitric acids. 2,053,834; Sept. 8.
- Kadco Corporation. (See Kelley, George S., assignor.)
- Kaddeland, Christen R., Shelton, Conn., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Printing press. 2,064,168; Dec. 15.
- Kadel, Byers W., Baltimore, Md., assignor to The Symington-Gould Corporation, Rochester, N. Y. Draft rigging. 2,063,876; Dec. 8.
- Kader, Wilhelm, Warth, near Hennef-on-the-Sieg, assignors to the firm of Hennefer Maschinenfabrik C. Reuther & Reiser mit beschränkter Haftung, Hennef-on-the-Sieg, Germany. Locking device for automatic weighing machines or scales. 2,038,739; Apr. 28.
- Kaderbeck, George J., Hamburg, N. Y., assignor of one-half to Hamburg Floral Mfg. Co., Inc., Hamburg, N. Y., and one-half to The Joseph M. Stern Company, Cleveland, Ohio. Imitation grass mat. 2,040,611; May 12.
- Kaeb, Georg. (See Schmidt, O., Huttner, and Kaeb.)
- Kaemmerlen, Charles F., and E. J. Willis, Morehead City, N. C. Windshield wiper. 2,039,598; May 5.
- Kaemmerlen, Charles F., and E. J. Willis, Morehead City, N. C. Combination can puncturer and handle. 2,054,504; Sept. 15.
- Kaemmerling, Gustav H., assignor to Erie City Iron Works, Erie, Pa. Apparatus for pulverizing material. 2,040,816; May 12.
- Kaercher, Howard M. (See Brockman, Edwin, assignor.)
- Kaestner, E. A., Company. (See Kaestner, Robert E., assignor.)
- Kaestner, Robert E., Baltimore, Md., assignor to E. A. Kaestner Company. Dumping and draining apparatus. 2,059,997; Nov. 3.



- Kägi, Emil, Wädenswil, Switzerland. Heating apparatus. 2,032,660; Mar. 3.
- Kägi, Emil, Wädenswil, Switzerland. Safety discharge valve. 2,057,194; Oct. 13.
- Kägi, Emil, assignor to the firm Sulzer Frères Société Anonyme, Winterthur, Switzerland. Refrigerating plant. 2,057,101; Oct. 13.
- Kagi, Walter W. (See Anderson, H. A., Gillis, Kagi, and Prendergast.)
- Kagi, Walter W., LaGrange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for stirring materials. 2,038,221; Apr. 21.
- Kahl, Leopold, Berlin-Charlottenburg, assignor to Ruetgerswerke-Aktiengesellschaft, Berlin, Germany. Wetting agent. 2,035,894; Mar. 31.
- Kahl, Maurice I., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Electric discharge device. 2,049,164; July 28.
- Kahle, Heinrich, Hoellriegelskreuth, near Munich, Germany, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Obtaining krypton and xenon. 2,060,940; Nov. 17.
- Kahlhofer, Wolfram, Berlin-Charlottenberg, assignor to Elektrizitätsgesellschaft "Sanitas", Berlin, Germany. Apparatus for hair waving and curling. 2,052,349; Aug. 25.
- Kahlisch, Gustav. (See Reiners, W., and Kahlisch.)
- Kahlisch, Gustav, Gladbach-Rheydt, Germany. Producing cross-wound warp beams and apparatus therefor. 2,037,512; Apr. 14.
- Kahn, Abraham. (See Yunker, J. O., and Kahn.)
- Kahn, Benjamin, New York, N. Y. Two-cycle engine. 2,053,242; Sept. 1.
- Kahn, Benjamin, New York, N. Y. Scavenging for internal combustion engines. 2,053,338; Sept. 8.
- Kahn, Benjamin, New York, N. Y. Two-cycle single sleeve-valve engine. 2,055,352; Sept. 22.
- Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 2,057,780; Oct. 20.
- Kahn, Bertrand B., Cincinnati, and W. T. Bradbury, Hamilton, assignors to The Estate Stove Company, Hamilton, Ohio. Stove. 2,064,347; Dec. 15.
- Kahn, Fred, New York, N. Y. Mechanism for regulating transmission speeds. 2,049,065; July 28.
- Kahn, Jacob K., Chicago, Ill. Belt drive. 2,031,319; Feb. 18.
- Kahn, Julius, and D. K. MacLeod, assignors to Truscon Steel Company, Youngstown, Ohio. Sound excluding window. 2,040,049; May 5.
- Kahn, Leo M., New York, N. Y. Multiple laundry press. 2,045,148; June 23.
- Kahn, Leo M., New York, N. Y., assignor, by mesne assignments, to American Laundry Machinery Company, Cincinnati, Ohio. Folding machine. 2,054,426; Sept. 15.
- Kahn, Leon, Brooklyn, N. Y. Foundation girdle. 2,064,977; Dec. 22.
- Kahn, Lucian L., assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 2,030,639; Feb. 11.
- Kahn, Max, Cedarhurst, N. Y. Corset. 2,040,810; May 12.
- Kahn, Max, New York, N. Y. Corset. 2,058,991; Oct. 27.
- Kahn, Myrtil, Cologne-Riehl, Germany. Rails for vehicles running on rails. 2,057,955; Oct. 20.
- Kahnt, Ellis, Chicago, Ill. Massaging and bathing apparatus. 2,026,981; Jan. 7.
- Kahr, John S. (See Kahr, Martin and J. S.)
- Kahr, Martin and J. S., Milwaukee, Wis., said J. S. Kahr assignor to said Martin Kahr. Hydraulic device for oil well pumping. 2,027,104; Jan. 7.
- Kaier, Richard. (See Goosman, H. J., and Kaier.)
- Kaimowitz, Morris, Astoria, N. Y. Garment pressing or ironing apparatus. 2,036,415; Apr. 7.
- Kain, Clifford H., San Carlos, Calif., assignor of one-third to C. C. Richard, Bloomfield Hills, and one-third to Detroit Trust Company, Detroit, Mich. Hydraulically controlled duplicating machine. 2,030,022; Feb. 4.
- Kainen, Joseph, assignor to Algren Manufacturing Co. Inc., New York, N. Y. Making buckle frames. 2,053,481; Sept. 8.
- Kaiser, Alfred, Jersey City, and P. Niethamer, Secaucus, N. J. Cigarette case and match box. 2,063,103; Dec. 8.
- Kaiser, Charles A., Philadelphia, Pa. Rotary embroidering machine. 2,037,725; Apr. 21.
- Kaiser, Edmund, New York, N. Y. Manual propelling and steering device for boats. 2,033,637; Mar. 10.
- Kaiser, Frank A., Milwaukee, Wis. Calculating machine. 2,042,342; May 26.
- Kaiser, Frank F., Montrose, N. Y., assignor to John Waldron Corporation, New Brunswick, N. J. Multicolor printing machine. 2,042,060; May 26.
- Kaiser, Herman F. (See Canfield, R. H., and Kaiser.)
- Kaiser, Oltman, Gothenburg, Nebr. Shovel tooth furrow corn harrow. 2,055,294; Sept. 22.
- Kaiser, Otto. (See Gyr, J., and Kaiser.)
- Kalamazoo Sled Company, The. (See Kidder, William E., assignor.)
- Kalamazoo Vegetable Parchment Company. (See Gibbs, Charles R., assignor.)
- Kalamazoo Vegetable Parchment Company. (See Hayward, Ralph A., assignor.)
- Kalb, Lewis P., Grosse Pointe Village, and H. H. Timian, assignors to Continental Motors Corporation, Detroit, Mich. Engine. 2,034,397; Mar. 17.
- Kalbach, Samuel B., assignor to Textile Machine Works, Wyomissing, Pa. Textile working device. 2,031,216; Feb. 18.
- Kalber, Wilfrid A., Somerville, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Zinc oxide dispersion. 2,056,924; Oct. 6.
- Kalbhenn, Joseph, et al. (See Gibson, Robert, assignor.)
- Kalckbrenner, Ernst. (See Weinand, K., and Kalckbrenner.)
- Kalenborn, Arion S. (See Frickey, R. E., and Kalenborn.)
- Kalenborn, Arion S., Redwood City, assignor to Welding Service, Inc., San Francisco, Calif. Rail grinding machine. 2,032,419; Mar. 3.
- Kalencik, Paul, assignor of one-half to J. F. Rider, New York, N. Y. Switching device for radio receiving and other electrical systems. 2,064,348; Dec. 15.
- Kalenoff, Godel, Brooklyn, N. Y. Elastic sanitary telephone protector. 2,050,097; Aug. 4.
- Kalenoff, Godel, Brooklyn, N. Y. Elastic sanitary telephone protector. 2,050,098; Aug. 4.
- Kalenoff, Godel, Brooklyn, N. Y. Sanitary mouthpiece cover. 2,055,353; Sept. 22.
- Kalenoff, Godel, Brooklyn, N. Y. Sanitary mouthpiece cover. 2,055,354; Sept. 22.
- Kalfas, Georges. (See Latulippe, Eddy, assignor.)
- Kalfas, Sotirios, Manchester, N. H. Boat and propelling boats. 2,048,339; July 21.
- Kali-Chemie Aktiengesellschaft. (See Jungmann, Heinrich, assignor.)
- Kali-Chemie Aktiengesellschaft. (See Rüsberg, Friedrich, assignor.)
- Kalichevsky, Vladimir. (See Fulton, S. C., and Kalichevsky.)
- Kalichevsky, Vladimir, Elizabeth, N. J., assignor to Standard Oil Development Company. Desulphurizing a petroleum oil distillate. 2,028,335; Jan. 21.
- Kalif Corporation. (See Pike, Robert D., assignor.)
- Kalina, Charles A., Exeter, Nebr. Animal trap. 2,047,417; July 14.
- Kalinsey, Paul W. (See Phillips, I. M., and Kalinsey.)
- Kalio Inc. (See Verbeek, Arnold F., assignor.)
- Kalkbrenner, Robert, Breslau, and H. Toehl, Wuppertal-Elberfeld, Germany, assignors to North American Rayon Corporation, New York, N. Y. Spinning centrifuge. 2,042,433; May 26.
- Kalkusch, Rudolph, Chicago, Ill. Building block and facing tile. 2,058,235; Oct. 20.
- Käll, Alfred, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Calculating machine. 2,048,453; July 21.
- Kallam, Floyd L., South Gate, Calif. Refrigeration system. 2,035,814; Mar. 31.
- Kallander, Ernest L., and G. R. Alden, assignors to Dennison Manufacturing Company, Framingham, Mass. Sticking bodies. 2,027,435; Jan. 14.
- Kallander, Ernest L., and G. R. Alden, assignors to Dennison Manufacturing Company, Framingham, Mass. Adhesive tape. 2,027,436; Jan. 14.
- Kallberg, Oscar, Tacoma, Wash. Fishing line submerger. 2,062,718; Dec. 1.
- Kalle & Co. Aktiengesellschaft. (See Horn, Josef, assignor.)
- Kalle & Co. Aktiengesellschaft. (See Schmidt, M. P., and Franke, assignors.)
- Kalle & Co. Aktiengesellschaft. (See Schmidt, M. P., and Zahn, assignors.)
- Kalle & Co. Aktiengesellschaft. (See Werner, Georg, assignor.)
- Kallenbach, George K., Schenectady, N. Y., assignor to General Electric Company. Grid construction of electric discharge devices. 2,027,175; Jan. 7.
- Källner, Gerhard, assignor to Silesia, Verein Chemischer Fabriken, Ida- und Marienbutte, near Saarau, Germany. Production of disulphides from mercaptothiazoles. 2,031,714; Feb. 25.
- Kallock, Wilmer F., assignor to Eastman Kodak Company, Rochester, N. Y. Wrapping material. 2,047,269; July 14.
- Kallus, Frederick, Hoboken, N. J. Electric lamp bulb. 2,027,983; Jan. 14.
- Kalmbacker, Edward H., Collingdale, Pa., assignor to General Electric Company. Wiring grille and making the same. 2,051,639; Aug. 18.
- Kalner, Samuel, et al. (See De Cesare, Matteo, assignor.)
- Kalstrom, Charles N., and B. S. Pope, Henderson, N. C. Fire alarm. 2,059,113; Oct. 27.
- Kaltenbach, Alois, and R. Voigt, Potsdam, Germany. Angle piece for dental purposes. 2,051,718; Aug. 18.
- Kaltenbach, Alois and R. Voigt, Potsdam, Germany. Guide-pulley bearing for band drive in dental machines. 2,066,204; Dec. 29.
- Kaltenbach, Robert W., Cleveland, Ohio. Car dumper. 2,054,199; Sept. 15.
- Kaltenbach, Robert W., Cleveland Heights, Ohio. Car dumper. 2,060,218; Nov. 10.
- Kalvin, Louis, New York, N. Y. Dental impression supporting tray. 2,043,294; June 9.
- Kalvin, Louis, New York, N. Y. Dental impression parting tool. 2,043,831; June 9.
- Kalvin, Louis, assignor to M. Fluegelman, New York, N. Y. Adjustable hat form. 2,045,231; June 23.



- Kalwitz, Herman C., Park Ridge, Ill. Switch. 2,041,250; May 19.
- Kalyu, Hans, Fort Lauderdale, Fla. Artificial bait. 2,044,702; June 16.
- Kambl, Eduard, Basel, and E. Stöcklin, Binnengen, near Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of indigoid dyestuffs. 2,034,622; Mar. 17.
- Kambl, Eduard, and J. Fröhlich, Basel, and E. Stöcklin, Binnengen, near Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Indigoid dyestuffs and making same. 2,038,364; Apr. 21.
- Kamborian, Jacob S., West Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting tool. 2,063,167; Dec. 8.
- Kamdron, Robert J., Seattle, Wash., and G. A. Stavrov, Victoria, British Columbia, Canada. Nautical signaling device. 2,046,635; July 7.
- Kamen, Martin. (See Scharfman, H. H., and Kamen.)
- Kamerer, James W., New Kensington, and LeR. S. Whitmire, Natrona Heights, Pa., assignors to Duplate Corporation. Safety glass. 2,030,878; Feb. 18.
- Kamil, Joseph, New York, N. Y., assignor to Kamil Knit Sportwear Inc. Sweater. 2,058,801; Oct. 27.
- Kamil Knit Sportwear Inc. (See Kamil, Joseph, assignor.)
- Kaminsky, Michael, New Britain, Conn. Cylinder grinder. 2,038,295; Apr. 21.
- Kämmel, Hugo, Zella-Mehlis, assignor to Mercedes Büromaschinen-Werke Aktiengesellschaft, Thuringia, Postamt Zella-Mehlis, H. Hinrichs, Hamburg, Germany, and P. Peroti, London, England. Code writing machine. 2,044,530; June 16.
- Kammer, William F., Wenatchee, Wash. Current motor. 2,047,689; July 14.
- Kammer, William F., Wenatchee, Wash. Current motor operated pump. 2,058,591; Oct. 27.
- Kammer, William H., Baltimore, Md. Vaginal and rectal syringe. 2,036,218; Apr. 7.
- Kammerdiner, James A. (See McCullough, Ira J., assignor.)
- Kammerer, Archer W., Fullerton, Calif. Well bit. 2,049,543; Aug. 4.
- Kammerer, Frank J. (See Gabriel, P. J., and Kammerer.)
- Kammerer, Hans. (See Siefert, F., and Kaemmerer.)
- Kammerer, Harry A., Mount Vernon, N. Y. Metal weather stripping. 2,048,609; July 21.
- Kammerich, Andrew, Cooper County, Mo. Mail box or road sign support. 2,050,573; Aug. 11.
- Kammeyer, Charles T., Niagara Falls, N. Y. Device for opening eggs. 2,032,146; Mar. 3.
- Kamosis, Louis P., Detroit, Mich. Riveting tool. 2,061,660; Nov. 24.
- Kampe, John E., Waltham, Mass. Watchmaker's calipers. 2,039,226; Apr. 28.
- Kamper, Mathis, Hallston, near Leongatha, Australia. Power transmission system. 2,058,802; Oct. 27.
- Kämpfer, Adolf, Berlin-Charlottenburg, Germany. Reflecting sign. 2,036,146; Mar. 31.
- Kämpfer, Adolf, Berlin, Germany. Producing laminated glass. 2,038,494; Apr. 21.
- Kampschulte, Josef, Osnabrück, Germany, assignor to H. A. Richardson, New York, N. Y. Steam washing machine. 2,045,085; June 23.
- Kamrath, Herbert G., Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Filter element. 2,063,743; Dec. 8.
- Kanabay, E. Joseph. (See Benoit, L., and Kanabay.)
- Kane, Henry D. (See Rosenberg, George S., assignor.)
- Kane, James M., U. S. Navy, Washington, D. C. Static and interference balance system. 2,031,607; Feb. 25.
- Kane, James W., I. C. Keller, and M. E. Holy, Cook County, assignors to Container Corporation of America, Chicago, Ill. Container. 2,046,562; July 7.
- Kane, John P., New York, N. Y. Rubber coated cake of soap. 2,042,104; May 26.
- Kanegafuchi Boseki Kabushiki Kaisha. (See Ito, Yutaka, assignor.)
- Kanell, Andrew, Chicago, Ill. Shoe stretching device. 2,052,141; Aug. 25.
- Kanengeiser, Earl P., Youngstown, Ohio. Scooter. 2,030,796; Feb. 11.
- Kang, Young S., Chicago, assignor to Minerva L. Guthapfel, sole proprietor of Sugar-Less Candy Company, Evanston, Ill. Food product and process. 2,040,943; May 19.
- Kangro, Walther, and A. Lindner, Brunswick, Germany. Arrangement of the reaction chamber for the treatment of material. 2,037,241; Apr. 14.
- Kankelwitz, Bruno, Dresden, Germany. Manufacturing photographic silver halide developing emulsions durably free from grey and yellow fogging and of durable quality. 2,059,642; Nov. 3.
- Kann, Gustave H., Pittsburgh, Pa., assignor to The Globe Steel Abrasive Company, Mansfield, Ohio. Making abrasive material. 2,062,093; Nov. 24.
- Kann, Louis J., Cleveland, Ohio. Container and dispenser for cans containing condensed milk, sirup, fruit juices and the like. 2,053,370; Sept. 8.
- Kannee, Henry M., Washington, D. C. Automatic drying device for inked sheets. 2,048,870; July 28.
- Kannel, Charles, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Leather tanning. 2,044,946; June 23.
- Kannenber, Walter F., Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Asymmetrical electrical conductor. 2,046,686; July 7.
- Kanner, Samuel, Providence, R. I. Making felt hats. 2,054,201; Sept. 15.
- Kansas City Testing Laboratory. (See Stareck, Jesse E., assignor.)
- Kanter, Edward, Cleveland Heights, Ohio. Wall bracket lamp. 2,061,359; Nov. 17.
- Kanter, Jerome J. (See Spring, L. W., and Kanter.)
- Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle filling valve. 2,028,092; Jan. 14.
- Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Adjustable float mechanism for bottle fillers. 2,040,384; May 12.
- Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle filler shifter. 2,064,378; Dec. 15.
- Kanzler, Julius, Trenton, N. J. Oyster-opening machine. 2,052,231; Aug. 25.
- Kao Sekken Kabushiki Kaisha Nagase Shokal. (See Igarashi, M., and Hatta, assignors.)
- Kaolin Processes Inc. (See McCormick, David F., assignor.)
- Kapella Limited. (See Lee, Horace W., assignor.)
- Kapella Limited. (See Reason, Richard E., assignor.)
- Kapella Limited. (See Taylor, William, assignor.)
- Kaplan, Benjamin J., Brookline, Mass. Decorative patent leather and making the same. 2,029,377; Feb. 4.
- Kaplan, Bernard H., Fairfax, Calif. Hedge and lawn clipper. 2,051,862; Aug. 25.
- Kaplan, Maurice I., et al. (See Lotts, Delbert L., assignor.)
- Kaplan, Max, New York, N. Y. Artificial flowerpot. 2,062,577; Dec. 1.
- Kaplan, Philip, Lowell, Mass. Knitting machine. 2,041,417; May 19.
- Kaplan, Philip, Brooklyn, N. Y., assignor to The Richards Chemical Works, Inc. Sulphonation of oil. 2,052,570; Sept. 1.
- Kaplan, Reuben A., assignor to Owatonna Tool Company, Owatonna, Minn. Pulling tool. 2,052,304; Aug. 25.
- Kaplan, William, Lynbrook, N. Y., assignor to Doherty Research Company, New York, N. Y. Petroleum conversion. 2,059,527; Nov. 3.
- Kaplowitz, Morris, Park Ridge, assignor to Microphone Corporation of America, Brooklyn, N. Y. Multiple reflector. 2,033,940; Mar. 17.
- Kapp, Stanley E., New York, N. Y. Collapsible shade tent. 2,027,984; Jan. 14.
- Kappeler, Markus. (See Knecht, O., Kappeler, and Apotheker.)
- Käppler, Felix, Freiberg, Germany. Manufacture of proflated matches. 2,047,636; July 14.
- Kaps, Edward. (See Bollman, E. B., and Kaps.)
- Kaps, Richard A., trustee et al. (See Ducker, Louis F., assignor.)
- Karageorgieff, Christoph, Vienna, Austria. Tapping and refill-controlling device. 2,065,373; Dec. 22.
- Karajan, Wolfgang, and U. Khuner, Vienna, Austria. Device for measuring the thickness of sheet metal and metal foil. 2,057,835; Oct. 20.
- Karalis, John N., Minneapolis, Minn. Pie rack. 2,034,238; Mar. 17.
- Karapetoff, Vladimir, Ithaca, N. Y., assignor to General Electric Company. Electrical distribution system. 2,057,529; Oct. 13.
- Karasinski, Romuald, assignor to Johnson Motor Company, Waukegan, Ill. Outboard motor. 2,050,336; Aug. 11.
- Karcher, Arthur A., Fostoria, Ohio. Adjustable lamp support. 2,029,532; Feb. 4.
- Karcher, Henry. (See Raab, L., and Karcher.)
- Karcher, John C., et al. (See McCarty, Madison P., assignor.)
- Karcher, John C., Dallas, Tex. Apparatus for determining subsurface tectonics of the earth. 2,044,079; June 16.
- Kardaszewicz, Jerzy, Zagodzón, assignor to Państwowe Wytwórnice Prochu, Pionki, Poland. Producing poly-substituted derivatives of urea. 2,044,355; June 16.
- Kardorff, Emil H. (See Clesi, F. E., and Kardorff.)
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Attachment for sewing machines. 2,063,844; Dec. 8.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Attachment for sewing machines. 2,063,845; Dec. 8.
- Karfiol, Edward, New York, N. Y. Shelf edging and making the same. 2,036,334; Apr. 7.
- Karfiol, Edward, New York, N. Y. Shelf paper. 2,036,335; Apr. 7.
- Karfiol, Edward, New York, N. Y. Shelf edging. 2,057,646; Oct. 13.
- Karfiol, Edward, New York, N. Y. Shelf edging. 2,057,647; Oct. 13.
- Karg, Josef, Vienna, Austria, assignor of one-half to J. M. Bing, New York, N. Y., and E. Mayer, Vienna, Austria. Automatic exposure control. 2,061,909; Nov. 24.
- Karge, Maxwell R., Brockport, N. Y. Cooling unit. 2,043,176; June 2.
- Karges, Albert, Woodstock, Ontario, Canada. Float valve. 2,059,359; Nov. 3.
- Karges, Howard W. (See Conner, G. O., and Karges.)



- Kari-Keen Manufacturing Co. (See Arndt, Ernest A., assignor.)
- Karl, Heinrich, Jersey City, N. J. Preserving can. 2,027,437; Jan. 14.
- Karl, Heinrich, Jersey City, N. J. Sanitary preserving can. 2,027,438; Jan. 14.
- Karl, Heinrich, Jersey City, N. J. Sanitary preserving can. 2,049,264; July 28.
- Karlberg, Axel O. A., assignor to Sulloway Page Company, Franklin, N. H. Presser mechanism for spring needle knitting machines. 2,041,133; May 19.
- Karle, George J., Sr., Buffalo, N. Y. Grooving saw. 2,061,237; Nov. 17.
- Karle, John D., Roselle Park, assignor to the Singer Manufacturing Company, Elizabeth, N. J. Rug-making attachment for sewing machines. 2,049,395; July 28.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Ornamental trimming strip. 2,053,959; Sept. 8.
- Karlin, Nathan A., assignor to Kay Products of America, Brooklyn, N. Y. Radio control head. 2,042,061; May 26.
- Karlson, Gunnar, Pacific Palisades, Calif. Container. 2,054,981; Sept. 22.
- Karlsson, Edwin A., Soderkoping, assignor to C. E. Ellison, Norrkoping, Sweden. Milk cooler. 2,040,139; May 12.
- Karlsson-Ygger, Albert, New York, N. Y. Container. 2,058,592; Oct. 27.
- Karlsson-Ygger, Albert, assignor to L. B. Koch, New York, N. Y. Combined roasting and grinding machine. 2,014,489; June 16.
- Karlström, Fredrik J. R., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,031,957; Feb. 25.
- Karlström, Fredrik J. R., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,032,756; Mar. 3.
- Karlström, Karl J., Thurbo, Hedemora, assignor to Wikmanshytte Bruks Aktiebolag, Wikmanshyttan, Sweden. Method and apparatus for removing bark from timber by means of fluid jets. 2,038,658; Apr. 28.
- Karmazin Engineering Company. (See Karmazin, John, assignor.)
- Karmazin, John, Huntington, Ind., assignor to Karmazin Engineering Company. Header construction. 2,028,455; Jan. 21.
- Karmazin, John, Huntington, Ind., assignor to Karmazin Engineering Company. Refrigerating apparatus. 2,028,456; Jan. 21.
- Karmazin, John, Huntington, Ind., assignor to Karmazin Engineering Company. Refrigerating apparatus. 2,028,457; Jan. 21.
- Karmazin, John, Huntington, Ind., assignor to Karmazin Engineering Company. Refrigerating apparatus. 2,028,458; Jan. 21.
- Karmazin, John, Huntington, Ind., assignor to Karmazin Engineering Company. Heat exchange apparatus. 2,045,657; June 30.
- Karmazin, John, Huntington, Ind., assignor to Karmazin Engineering Company. Refrigerating apparatus. 2,055,200; Sept. 22.
- Karmazin, John, Huntington, Ind., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,058,593; Oct. 27.
- Karmazin, John, Huntington, Ind., assignor to Karmazin Engineering Company. Refrigerating apparatus. 2,059,114; Oct. 27.
- Karmazin, John, Grosse Ile, Mich., assignor to Karmazin Engineering Company. Grille. 2,032,365; Mar. 3.
- Karnes, James C. (See Somers, R. H., Guion, and Karnes.)
- Karnes, James C., Buffalo, N. Y. Ordnance sight. 2,032,366; Mar. 3.
- Karnes, James C., Buffalo, N. Y. Sight mounting. 2,048,703; July 28.
- Karnes, James C., Buffalo, N. Y. Sighting device for guns. 2,052,571; Sept. 1.
- Karnofsky, Henry E., assignor to The General Therapeutics Corp., Minneapolis, Minn. Process and apparatus for treating pathological conditions. 2,055,540; Sept. 29.
- Karolus, August, Leipzig, Germany, assignor to Radio Corporation of America. Photoelectric amplifying system. 2,042,602; June 2.
- Karolus, August, Leipzig, Germany, assignor to Radio Corporation of America. Television apparatus. 2,043,800; June 9.
- Karon, Louis, Superior, Wis. Antiskid device. 2,065,810; Dec. 29.
- Karpen, King. (See Beck, E. J., and Van Derveer, and Karpen.)
- Karpen, S., & Bros. (See Beck, E. J., Van Derveer, and Karpen, assignors.)
- Karpen, S., & Bros. (See Karpen, Solomon, assignor.)
- Karpen, S., & Bros. (See Lofman, Charles, assignor.)
- Karpen, S., & Bros. (See Van Derveer, Clarence A., assignor.)
- Karpen, Solomon, assignor to S. Karpen & Bros., Chicago, Ill. Spring-structure. 2,049,961; Aug. 4.
- Karper, Abraham S., New York, N. Y. Waste receptacle. 2,063,507; Dec. 8.
- Karr, Alfred D., Newark, assignor to Ingersoll-Rand Company, Jersey City, N. J. Controlling apparatus for refrigerating systems. 2,052,305; Aug. 25.
- Karr, Charles D., Holland, Mich. Spring mattress assembly. 2,058,462; Oct. 27.
- Karr, Charles D., Holland, Mich. Spring assembly. 2,058,463; Oct. 27.
- Karrer, Sebastian, Washington, D. C., assignor to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Shaft sealing means. 2,035,073; Mar. 24.
- Karrer, Sebastian, Washington, D. C., and H. C. Mohlenrich, assignors to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Shaft sealing device. 2,035,072; Mar. 24.
- Karst, Clarence E., assignor to The Brunhoff Manufacturing Company, Cincinnati, Ohio. Bracket. 2,051,408; Aug. 18.
- Karst, Clarence E., assignor to the Brunhoff Manufacturing Company, Cincinnati, Ohio. Advertising sign. 2,062,887; Dec. 1.
- Karst, Marshall F., and G. I. Titus, Des Moines, Iowa. Secondary vending attachment for vending machines. 2,038,180; Apr. 21.
- Karstens, Edward S., Davenport, Iowa, assignor of one-fourth to Koehring Company, Milwaukee, Wis. Concrete pumping machine. 2,061,425; Nov. 17.
- Kartles Limited. (See Ware, Herbert M., assignor.)
- Karwat, Ernst. (See Lennings, W., ad Karwat.)
- Karwat, Ernst. (See Schuftan, P., Karwat, and Steinbach.)
- Karwat, Ernst, Grosshesselohe, near Munich, Germany. Producing pig iron or steel simultaneously with Portland cement. 2,035,550; Mar. 31.
- Karwat, Ernst, Grosshesselohe, near Munich, Germany, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Simultaneous production of pig iron and Portland cement. 2,052,879; Sept. 1.
- Kasanof, David R., et al. (executor). (See Kasanof, Maurice M.)
- Kasanof, Maurice M., Bronx, N. Y., deceased, D. R. Kasanof and A. Kriegel, executors. Treatment of fabrics. 2,037,797; Apr. 21.
- Kasanof, Maurice M., deceased, Bronx, N. Y., D. R. Kasanof and A. Kriegel, executors. Treatment of fabrics. 2,039,649; May 5.
- Kasarjian, Armen A., Jackson Heights, N. Y. Spark plug. 2,029,570; Feb. 4.
- Kasarjian, Armen A., Philadelphia, Pa., assignor to Mosler Ignition Corporation, New York, N. Y. Spark plug. 2,045,781; June 30.
- Kasarjian, Armen A., Jackson Heights, assignor to Mosler Ignition Corporation, New York, N. Y. Spark plug and making the same. 2,060,219; Nov. 10.
- Kasdan, Nathan, New York, and R. F. Landwehr, Laurelton, Long Island, assignors to Majestic Metal Specialties, Inc., New York, N. Y. Lip stick holder. 2,043,250; June 9.
- Kasdan, Nathan, New York, and D. Pollack, Brooklyn, N. Y., assignors to Majestic Metal Specialties, Inc. Lip-stick holder. 2,057,720; Oct. 20.
- Kase, Nathan, Brooklyn, and L. Wiesenfeld, New York, N. Y. Bending die. 2,054,821; Sept. 22.
- Kaselitz, Oscar, Berlin, Germany. Production of alkali metal nitrates. 2,038,569; Apr. 28.
- Kaselitz, Oscar, Berlin, Germany. Production of monocalcium phosphate. 2,057,956; Oct. 20.
- Kaselitz, Oscar, Berlin, Germany. Production of potassium nitrate. 2,057,957; Oct. 20.
- Kaselitz, Oscar, Berlin, Germany. Recovering nitrogen from nitrosyl chloride. 2,064,978; Dec. 22.
- Kaselitz, Oscar, Berlin, Germany. Production of alkali orthophosphates. 2,064,979; Dec. 22.
- Kasen, Daniel, assignor of one-half to L. A. Kasen, Newark, N. J. Producing molded articles from casein. 2,045,471; June 23.
- Kasen, Louis A. (See Kasen, Daniel, assignor.)
- Kaser, Walter I., Clark Township, Holmes County, assignor of one-half to J. F. Glidden, Lakewood, Ohio. Forage crop gathering implement. 2,035,705; Mar. 31.
- Kash, Benjamin, Los Angeles, Calif. Handbag. 2,034,398; Mar. 17.
- Kasin, Vincent A., Houston, Tex. Shoe stretcher. 2,048,794; July 28.
- Kasik, Bertha, Chicago, Ill. Drip pan for scrub pails. 2,065,591; Dec. 29.
- Kasman, Anton. (See Paschke, F., Kasman, and Fahl.)
- Kaspar Getreideschmaschine G. m. b. H. (See Kaspar, L., Sr., and Kistner, assignors.)
- Kaspar, Leopold, Sr., Olmutz, Czechoslovakia, and N. Kistner, assignors to the firm Kaspar Getreideschmaschine G. m. b. H., Offenbach, Germany. Device for hulling and polishing cereals and podded grains. 2,044,531; June 16.
- Kassler, Jeanette S. (See Kassler, Louis, assignor.)
- Kassler, Louis, assignor to J. S. Kassler, New York, N. Y. Speed measuring apparatus. 2,041,134; May 19.
- Kasson, Julius, et al. (See Van Note, Eugene, assignor.)
- Kasson, Max, et al. (See Van Note, Eugene, assignor.)
- Kast, Samuel H., assignor to Railway & Industrial Engineering Company, Greensburg, Pa. Relay system. 2,042,901; June 2.
- Kastar Specialty Mfg. Co. (See Lampert, Herbert H., assignor.)
- Kästner, Alfred, Berlin-Lichterfelde, Germany. Elastic clutch. 2,045,086; June 23.
- Kastner, Ernest C., and H. W. Falstrom, Bloomfield, N. J. Garment supporting clasp. 2,062,267; Nov. 24.



- Katadyn Inc. (See Krause, George A., assignor.)  
 Katcher, Morris. (See Horwitt, N. G., and Katcher.)  
 Katcher, Morris. (See Horwitt, N. G., Katcher, and Neel.)  
 Katcher, Morris, assignor to Samuel Bonat & Harry Bonat, partners trading as Samuel Bonat and Brothers, New York, N. Y. Dirtproof caster. 2,046,384; July 7.  
 Katenkamp, Charles J., Arlington, N. J. Sun bath seat. 2,040,942; May 19.  
 Kath, Alfred W., assignor to Arthur Colton Company, Detroit, Mich. Closing and sealing collapsible tubes. 2,035,656; Mar. 31.  
 Kath, Alfred W., assignor to Arthur Colton Company, Detroit, Mich. Cigar wrapping and banding machine. 2,044,947; June 23.  
 Kath, Alfred W., assignor to Arthur Colton Company, Detroit, Mich. Method and apparatus for combining wrappers and bands for cigars. 2,061,968; Nov. 24.  
 Kathon Limited. (See Whiston, H. W., and McIvor and Thein, assignors.)  
 Katten, Henry, New York, N. Y. Radiator. 2,051,485; Aug. 18.  
 Kattermann, Emil D., assignor to Swiss Knitting Company, Dover, N. J. Garment. 2,045,391; June 23.  
 Katz, J. Jerome, et al. (See Granor, Charles B., assignor.)  
 Katz, Morris, Bronx, N. Y. Cellulose cord. 2,041,418; May 19.  
 Katz, Robert E., and W. S. Kline, Atlanta, Ga. Dress protector. 2,045,359; June 23.  
 Katz, Solomon, assignor of one-half to A. G. Joseph, Chicago, Ill. Seat cushion. 2,059,875; Nov. 3.  
 Katz, William, St. Louis, Mo. Headwear. 2,056,276; Oct. 6.  
 Katz, Willy, New York, N. Y. Safety device for gas ranges, gas boilers, etc. 2,031,415; Feb. 18.  
 Katzinger, Edward, Company. (See Jackson, Joseph G., assignor.)  
 Katzinger, Edward, Company. (See Kollman, Jacob, assignor.)  
 Katzinger, Edward, Company. (See Zimmer, Myron J., assignor.)  
 Katzman, Max, Brooklyn, N. Y. Electric vaporizer. 2,051,719; Aug. 18.  
 Katzman, Philip A. (See Doisy, E. A., and Katzman.)  
 Kauffman, Adah, Berkeley, Calif. Combination shelf and doorlock. 2,035,074; Mar. 24.  
 Kauffman, Carl C., Conshohocken, Pa. Safety belt. 2,030,172; Feb. 11.  
 Kauffman, Charles A., and H. W. Davidson, Pittsburgh, Pa. Window screen shade and ventilator. 2,040,853; May 19.  
 Kauffman, Charles H. (See Kauffman, Chauncey B., and C. H.)  
 Kauffman, Chauncey B. and C. H., Hellam, Pa. Automatic window closer. 2,060,575; Nov. 10.  
 Kauffman, Clair S., York, Pa. Cigar box. 2,056,860; Oct. 6.  
 Kauffman, Frank M., Merion, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Making pile fabric. 2,064,208; Dec. 15.  
 Kauffman, Meyer. (See Kauffman, S., and Doss, assignor.)  
 Kauffman, Ralph A., Denver, Colo. Hypodermic syringe. 2,047,512; July 14.  
 Kauffman, Saul, and G. G. Doss, assignors to M. Kauffman, Syracuse, N. Y. Method of and apparatus for embossing. 2,060,577; Nov. 10.  
 Kauffman, Walter L., 2d, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,039,803; May 5.  
 Kauffman, Walter L., 2d, Youngstown, Ohio, assignor to Lovell Manufacturing Company, Erie, Pa. Expressor. 2,056,466; Oct. 6.  
 Kauffman, Walter L., 2d., assignor to Lovell Manufacturing Company, Erie, Pa. Drier. 2,056,467; Oct. 6.  
 Kauffman, Walter L., 2d., assignor to Lovell Manufacturing Company, Erie, Pa. Drier. 2,056,468; Oct. 6.  
 Kauffman, Walter L., 2d, assignor to Lovell Manufacturing Company, Erie, Pa. Marked rubber goods and producing the same. 2,060,576; Nov. 10.  
 Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,064,543; Dec. 15.  
 Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,064,544; Dec. 15.  
 Kauffman, Walter L., II., assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,065,329; Dec. 22.  
 Kauffman, Walter L., II., assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,065,330; Dec. 22.  
 Kauffmann, Frederick C., Brookline, Mass., assignor to Stellar Corporation. Mouthpiece. 2,045,658; June 30.  
 Kauffmann, Hans O., and D. D. Crandell, assignors to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Making plasterboard. 2,064,800; Dec. 15.  
 Kauffer, Felix. (See Halbig, P., and Kauffer.)  
 Kauffer, Felix, and H. P. Schmitz, assignors to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie, Munich, Germany. Printing ink. 2,036,480; Apr. 7.  
 Kaufman, Aaron, et al. (See Post, Charles E., assignor.)  
 Kaufman, Alfonse, Long Beach, assignor, by mesne assignments, to Biolite, Inc., New York, N. Y. Display device. 2,031,416; Feb. 18.  
 Kaufman, Alfonse, Long Beach, assignor to Biolite, Incorporated, New York, N. Y. Illuminated sign. 2,041,135; May 19.  
 Kaufman, Alois, Vienna, Austria. Pyrophoric lighter. 2,065,374; Dec. 22.  
 Kaufman, Charles, Parma, assignor to The National Machinery Company, Tiffin, Ohio. Bolt and the like and process of making. 2,064,918; Dec. 22.  
 Kaufman, Charles H., San Antonio, Tex. Broom rake. 2,040,205; May 12.  
 Kaufman, Daniel L., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,053,290; Sept. 8.  
 Kaufman, Edwin A. (See Laube, G., Stevens, and Kaufman.)  
 Kaufman, Frank M., Merion, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Pile fabric and making the same. 2,029,621; Feb. 4.  
 Kaufman, Frank M., Merion, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Weaving pile fabrics. 2,060,502; Nov. 10.  
 Kaufman, Gerson, Flushing, and B. Lindner, Larchmont, assignors to Gynex Corporation, New York, N. Y. Dispensing device. 2,059,966; Nov. 3.  
 Kaufman, Gus, Beacon, assignor to The Texas Company, New York, N. Y. Lubricants. 2,043,961; June 9.  
 Kaufman, Gus, Beacon, assignor to The Texas Company, New York, N. Y. Lubricants. 2,043,962; June 9.  
 Kaufman, Gus, and O. P. Puryear, Beacon, assignors to The Texas Company, New York, N. Y. Lubricant. 2,055,795; Sept. 29.  
 Kaufman, Gus, and O. P. Puryear, Beacon, assignors to The Texas Company, New York, N. Y. Lubricant. 2,058,236; Oct. 20.  
 Kaufman, Gus, and O. P. Puryear, Beacon, assignors to The Texas Company, New York, N. Y. Lubricant. 2,058,237; Oct. 20.  
 Kaufman, Harry. (See Levine, A., and Kaufman.)  
 Kaufman, John, et al. (See Rogers, Clifford H., assignor.)  
 Kaufman, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom harness. 2,026,787; Jan. 7.  
 Kaufman, Joseph. (See Lewis, Lew, assignor.)  
 Kaufman, Louis, et al. (See Sobie, Sol, assignor.)  
 Kaufmann, Egon, Mannheim, assignor to Deutsche Perrot Bremse G. m. b. H., Mannheim-Friedrichsfeld, Germany. Brake. 2,055,413; Sept. 22.  
 Kaufmann, Hans, Munster, Germany. Quinine compound and making the same. 2,039,802; May 5.  
 Kaufmann, Hans P., Munster, Germany, assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing angelic acid. 2,060,623; Nov. 10.  
 Kaufmann, Harry A., Highland Park, Mich. Safety razor, hone strap, and container. 2,057,530; Oct. 13.  
 Kaufmann, Hermann. (See Herold, P., and Kaufmann.)  
 Kaufmann, Johanna, assignor to I. Strauss, Mulheim-on-the-Ruhr, and L. Frankenberg, Dusseldorf, Germany. Arrangement for the regular formation of characters. 2,045,360; June 23.  
 Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Heddle frame. 2,034,871; Mar. 24.  
 Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Heddle frame. 2,037,381; Apr. 14.  
 Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Adjustable connector. 2,040,790; May 12.  
 Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom harness. 2,040,791; May 12.  
 Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom harness. 2,047,511; July 14.  
 Kaufmann, Richard H., Schenectady, N. Y., assignor to General Electric Company. Electrical Regulating system. 2,046,952; July 7.  
 Kaufmann, Waldemar, and E. Bungartz, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Glass permeable to ultraviolet rays. 2,031,958; Feb. 25.  
 Kaufmann, Waldemar, L. Eckstein, and K. Rosenberger, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Photoluminescent glass. 2,042,425; May 26.  
 Kaufmann, Werner. (See Koppelman, F., Kaufmann, and Kesselring.)  
 Kaula, Rudolph J., Edgbaston, Birmingham, assignor to The General Electric Company Limited, London, England. Press. 2,029,026; Jan. 28.  
 Kaupke, Lee H., Auburn, N. Y., assignor to International Harvester Company. Picker arm for potato planters. 2,062,578; Dec. 1.  
 Kaupp, Erich. (See Eisenhut, O. Rein, and Kaupp.)  
 Kaut, William, University City, assignor to Brown Shoe Company, St. Louis, Mo. Prewelt lasting machine. 2,054,545; Sept. 15.  
 Kautter, Carl T. (See Groll, H. P. A., and Kautter.)  
 Kautter, Carl T., Berkeley, Calif. Production of carbonylic compounds. 2,060,086; Nov. 10.  
 Kautter, Carl T., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Production of monoalkylolamines. 2,051,486; Aug. 18.  
 Kautter, Wolfgang. (See Roosenstein, H. O., Kautter, and Rothe.)



- Kautter, Wolfgang, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. High frequency distribution system. 2,054,799; Sept. 22.
- Kautter, Wolfgang and H. O. Roosenstein, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Shielded electron discharge device. 2,062,663; Dec. 1.
- Kautz, Kurt, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Welding iron, steel, and alloys of iron or steel. 2,054,770; Sept. 15.
- Kavanaugh, James C., et al. (See Parks, R. D., and Hildenbrand, assignors.)
- Kavanaugh, John P., et al. (See Parks, R. D., and Hildenbrand, assignors.)
- Kawasaki, Goro, Los Angeles, Calif. Safety bumper. 2,061,801; Nov. 24.
- Kawneer Company, The. (See Milligan, Walter, assignor.)
- Kawneer Company, The. (See Plym, Francis J., assignor.)
- Kay-Brunner Products Inc. (See Kay, Lloyd D., assignor.)
- Kay, David. (See Dyer, J. W., and Kay.)
- Kay, David T., et al. (See Koenig, Paul, assignor.)
- Kay Displays, Inc. (See Nordmark, H. P., and Baker, assignors.)
- Kay, Elmer E., Paterson, N. J. Window seat. 2,059,115; Oct. 27.
- Kay-Fries Chemicals, Inc. (See Peirce, Joseph O., assignor.)
- Kay Gyroplanes Limited. (See Dyer, J. W., and Kay, assignors.)
- Kay, Horace, New York, N. Y. Tomato marmalade and making same. 2,050,182; Aug. 4.
- Kay, Lloyd D., Alhambra, Calif. Vehicle axle. 2,044,389; June 16.
- Kay, Lloyd D., Alhambra, Calif., assignor to Kay-Brunner Steel Products Inc. Four-wheel spring suspension mechanism for trucks. 2,050,056; Aug. 4.
- Kay, Lloyd D., San Marino, Calif., assignor to Kay-Brunner Steel Products, Inc. Axle. 2,028,394; Jan. 21.
- Kay Products of America. (See Karlin, Nathan A., assignor.)
- Kay and Ess Chemical Corp., The. (See Kittredge, H. G., and Turner, assignors.)
- Kaylor, Jacob H. (See Meharg, L., Kaylor, and Rodenbaugh.)
- Kaylor, Raymond, near Los Angeles, and R. E. Kenney, Los Angeles, Calif. Combination clip board and light. 2,029,425; Feb. 4.
- Kaynis, Samuel A., et al. (See Fein, Jacob, assignor.)
- Kayser, Gerhard H., Lonneker (near Enschede), Netherlands. Combination garment or so-called overalls. 2,058,238; Oct. 20.
- Kayser, Julius, & Company. (See Beniston, W. J., and Beers, assignors.)
- Kayser, Julius, & Co. (See Boadwee, R. K., and Seem, assignors.)
- Kayser, Julius, & Co. (See Deakin, William, assignor.)
- Kayser, Julius, & Co. (See Hausbeck, Charles J., assignor.)
- Kayser, Julius, & Company. (See Kovar, Charles R., assignor.)
- Kayser, Julius, & Company. (See Mutchler, A. W., and Straussberger, assignors.)
- Kayser, Julius, & Co. (See Simpson, Earl W., assignor.)
- Kazlauskas, Anthony, Chicago, Ill. Boiler. 2,052,403; Aug. 25.
- Keall, Frank B. (See Gouldbourn, J., Kestell, and Keall.)
- Keall, Frank B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Indenting machine. 2,048,073; July 21.
- Keall, Oswald E. (See Rust, N. M., and Keall.)
- Keall, Oswald E., Chelmsford, England, assignor to Radio Corporation of America. Frequency changing system. 2,038,570; Apr. 28.
- Kean, Otho V., Bronxville, assignor to F. P. Warfield, New York, N. Y. Photographic apparatus. 2,051,608; Aug. 18.
- Kearney, Edward J., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Transmission and control mechanism for machine tools. 2,035,388; Mar. 24.
- Kearney, Emily. (See Kearney, James and E.)
- Kearney, James, and E., Chicago, Ill. Bird cage projector. 2,045,472; June 23.
- Kearney, James R., Corporation. (See Cooper, Ellis W., assignor.)
- Kearney, James R., Corporation. (See Fox, Charles A., assignor.)
- Kearney, James R., Corporation. (See Heinrich, Walter A., assignor.)
- Kearney, James R., Corporation. (See McCluskey, Francis J., assignor.)
- Kearney & Trecker Corporation. (See Armitage, Joseph B., assignor.)
- Kearney & Trecker Corporation. (See Kearney, Edward J., assignor.)
- Kearney & Trecker Corporation. (See Parsons, Fred A., assignor.)
- Kearns, Bernard A. (See Haas, F. S., and Kearns.)
- Kearns, Timothy H., Dundalk, and M. L. Weikert, Baltimore, Md., assignors to Bethlehem Steel Company. Rolling mill guide. 2,039,169; Apr. 28.
- Kearsley, William K., Schenectady, N. Y., assignor to General Electric Company. X-ray system. 2,039,908; May 5.
- Kearsley, William K., Schenectady, N. Y., assignor to General Electric Company. Fluid dispensing apparatus. 2,052,404; Aug. 25.
- Kearsley, William K., Schenectady, N. Y., assignor to General Electric Company. Safety device for x-ray apparatus. 2,058,992; Oct. 27.
- Keasbey & Mattison Company. (See Buczkowski, Edward J., assignor.)
- Keath, Howard B., assignor to Wagner Electric Corporation, St. Louis, Mo. Flexible guard for bushing terminals. 2,065,315; Dec. 22.
- Keating, Frank J. (See Cooney, Robert K., assignor.)
- Keating, John J., Ottawa, Ontario, Canada. Magazine pencil. 2,033,033; Mar. 3.
- Keating, Paul J., Fitchburg, Mass. Wallboard securing means. 2,066,205; Dec. 29.
- Keating, William A., and W. D. Kinsell, assignors to Federal Electric Company, Inc., Chicago, Ill. Illuminated sign. 2,041,189; May 19.
- Keaton, Clyde D., assignor of two-thirds to S. S. Tumbridge, New York, N. Y. Coffee maker and filter. 2,027,826; Jan. 14.
- Keaton, Clyde D., Long Island City, assignor of 2/3 to S. S. Tumbridge, New York, N. Y. Apparatus for making infusions of coffee or the like. 2,057,616; Oct. 13.
- Keaton, Robert H., San Francisco, Calif. Music typing machine. 2,047,690; July 14.
- Kee, Charles L., Portsmouth, Va. Soda fountain attachment. 2,066,040; Dec. 29.
- Keech, Fred G., Newark, and A. Markowitz, Bloomfield, N. J. Sand distributor for automobiles. 2,028,334; Jan. 21.
- Keefe, Arthur, Akron, Ohio. Air valve. 2,057,195; Oct. 13.
- Keefe, Lincoln M., Springfield, Mass. Relay. 2,057,380; Oct. 13.
- Keefer, Clarence E., and F. C. Wachter, Baltimore, Md., assignors to The Dorr Company, Inc., New York, N. Y. Sewage digester. 2,054,128; Sept. 15.
- Keefer, Noel L., Chicago, Ill., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio circuit. 2,052,880; Sept. 1.
- Keegan, Joseph, and T. Wadge, Winnipeg, Manitoba, Canada. Hot water heater. 2,041,071; May 19.
- Keegan, Peter E., assignor to Chicago Transformer Corporation, Chicago, Ill. Transformer casing. 2,053,339; Sept. 8.
- Keele, Ralph M., assignor to Duart Manufacturing Co. Ltd., San Francisco, Calif. Hair waving apparatus. 2,048,934; July 28.
- Keeler Brass Company. (See Haan, Gilbert J., Jr., as assignor.)
- Keeley, Henry J., Denver, Colo. Burner. 2,044,215; June 16.
- Keeley, Henry J., Denver, Colo. Drive mechanism for fuel burners. 2,051,559; Aug. 18.
- Keeley, Henry J., Denver, Colo. Combustion control. 2,060,323; Nov. 10.
- Keely, Leroy F., assignor to The Louis Allis Company, Milwaukee, Wis. Dynamo-electric machine. 2,055,931; Sept. 29.
- Keen, Alexis W., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Apparatus and method for controlling flow of fluid materials. 2,057,032; Oct. 13.
- Keen, Harold H., Letchworth, England, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,063,508; Dec. 8.
- Keen, Harold L., Oneonta, N. Y. Railway tie-plate. 2,064,664; Dec. 15.
- Keen, John S., Philadelphia, Pa. Power reverse valve control. 2,058,890; Oct. 27.
- Keenan, Joseph H., Hoboken, N. J., assignor to Jabez Burns & Sons, Inc., New York, N. Y. Cyclone separator. 2,033,470; Mar. 10.
- Keenan, Joseph H., Hoboken, N. J., assignor to Jabez Burns & Sons, Inc., New York, N. Y. Cyclone separator. 2,033,471; Mar. 10.
- Keenan, Joseph H., Medford, Mass., assignor to Jabez Burns & Sons, Inc., New York, N. Y. Cyclone separator. 2,044,614; June 16.
- Keene, Paul A., and A. P. Julien, Syracuse, assignor to The Solvay Process Company, New York, N. Y. Improving the purity of calcium chloride brines. 2,032,702; Mar. 3.
- Keenan, Walter, Little Falls Township, Passaic County, N. J. Nonrefillable bottle. 2,047,270; July 14.
- Keenan, Walter F., Jr. (See Malseed, J. S., Welsh, and Keenan.)
- Keenan, Walter F., Jr., Pelham Manor, N. Y., assignor to Foster Wheeler Corporation, New York, N. Y. Power plant. 2,031,423; Feb. 18.
- Keener, Martin M., Lancaster, Pa. Pin ticket. 2,061,969; Nov. 24.
- Keep, Otto A., Harborcreek, Pa., assignor to General Electric Company. Circuit breaker control system. 2,053,150; Sept. 1.
- Keeran, Charles R., Evanston, Ill., assignor to Du Pont Viscoloid Company, Wilmington, Del. Making celluloid articles. 2,044,356; June 16.



- Kees, Daniel, Beatrice, Nebr., assignor to F. D. Kees Manufacturing Company. Roller skate. 2,060,578; Nov. 10.
- Kees, Ernest G., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,036,219; Apr. 7.
- Kees, F. D., Manufacturing Company. (See Kees, Daniel, assignor.)
- Keese, Beverly W., Oshkosh, Wis., assignor to Timken-Detroit Axle Company, Detroit, Mich. Driving arrangement and construction for tandem axles. 2,033,246; Mar. 10.
- Keese, Beverly W., Oshkosh, Wis., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Steering wheel drive for vehicles. 2,042,404; May 26.
- Keese, Beverly W., Oshkosh, Wis., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Axle construction. 2,064,262; Dec. 15.
- Keesecker, Guy L., Washington, D. C. Ice cube tray. 2,048,160; July 21.
- Keever, William R., Sulphur Mine, La., assignor to The Union Sulphur Company. Removable straightening tool. 2,065,896; Dec. 29.
- Kegler, Harold L. (See Laub, S. V., and Kegler.)
- Kégresse, Adolphe, Courbevoie, France. Arrangement for operating engine valve gear sleeves. 2,040,206; May 12.
- Kégresse, Adolphe, Courbevoie, France. Endless track vehicle. 2,044,306; June 16.
- Kégresse, Adolphe, Courbevoie, France. Endless track vehicle. 2,044,307; June 16.
- Kehl, Robert J., Bayside, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Welding or cutting apparatus. 2,036,733; Apr. 7.
- Kehl, Robert J., Bayside, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Welding and cutting apparatus. 2,036,734; Apr. 7.
- Kehl, Robert J., Bayside, and H. W. Jones, Williamsville, N. Y., assignors to Union Carbide and Carbon Corporation. Two-stage pressure regulator. 2,057,150; Oct. 13.
- Kehm, Horace S. (See Newton, Courtland G., assignor.)
- Kehne, Karl, Dusseldorf-Oberkassel, Germany, assignor to Waffenfabrik Solothurn, A. G., Solothurn, Switzerland. Cocking device for automatic firearms having a sliding barrel and a bolted breech. 2,056,577; Oct. 6.
- Kehr, Cyrus. (See Harvey, Jacquelin E., Jr., assignor.)
- Kehr, Gustav H., and F. J. Ertel, Brooklyn, N. Y. Adjustable support. 2,065,529; Dec. 29.
- Keidel, Frank, Elmhurst, assignor to The International Seal and Knot Protector Co., New York, N. Y. Sealable container. 2,064,432; Dec. 15.
- Keiffer, Lawrence R., Cleveland Heights, Ohio, assignor to General Electric Company. Light measuring instrument. 2,039,083; Apr. 28.
- Keighley, Lloyd M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,029,263; Jan. 28.
- Keighley, Lloyd M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,051,769; Aug. 18.
- Keight, Albert W., Cumberland, Md., assignor to Celanese Corporation of America. Apparatus for manufacturing twisted artificial yarns or threads. 2,030,110; Feb. 11.
- Keihl, Ernest F. W., Jr., assignor of one-half to B. W. O'Donnell, Medina, N. Y. Bale tie. 2,032,285; Feb. 25.
- Keil, Alfred, Berlin, assignor to Heko-Werk Chemische Fabrik A. G., Berlin-Tempelhof, Germany. Heater casing for use with a dental press. 2,065,186; Dec. 22.
- Keil, Francis, & Son, Inc. (See Fetyk, Joseph F., assignor.)
- Keil, Francis, & Son, Inc. (See Hansen, Herman, assignor.)
- Keil, Francis, & Son, Inc. (See Keil, Henry F., assignor.)
- Keil, Francis, & Son, Inc. (See Schoorel, Adam, assignor.)
- Keil, Henry F., Scarsdale, N. Y., assignor to Francis Keil & Son, Inc. Lock construction. 2,047,969; July 21.
- Keil, Henry F., Scarsdale, N. Y., assignor to Francis Keil & Son, Inc. Lock construction. 2,048,507; July 21.
- Keil, Henry F., Scarsdale, N. Y., assignor to Francis Keil & Son, Inc. Bracket construction. 2,060,760; Nov. 10.
- Keil, Henry F., Scarsdale, N. Y., assignor to Francis Keil & Son, Inc. Key construction. 2,065,468; Dec. 22.
- Keil, Henry F., Scarsdale, N. Y., assignor to Francis Keil & Son, Inc. Electrically-releasable bolt keeper. 2,066,277; Dec. 29.
- Keil, Henry F., Scarsdale, N. Y., assignor to Francis Keil & Son, Inc. Electric door release mechanism. 2,066,278; Dec. 29.
- Keilhauer, Ulrich. (See Ehrig, H., and Keilhauer.)
- Keillen, Saul, assignor to The Standard Electric Time Company, Springfield, Mass. Electric clock apparatus. 2,039,084; Apr. 28.
- Keillor, Joseph D., Aylmer, Ontario, Canada. Cleansing and deodorizing device for closet bowls. 2,045,473; June 23.
- Keiper, Phillip C., and F. E. Lewis, deceased, Chicago, by E. M. Bouton, administrator, Park Ridge, assignors to Westinghouse Electric Elevator Company, Chicago, Ill. Signal and control system for elevators. 2,057,492; Oct. 13.
- Keirle, Charles F., St. Louis, Mo. Water heater. 2,065,708; Dec. 29.
- Keiser, Arthur J., deceased, by E. E. Keiser, Greece, N. Y., administratrix, assignor to The Bircher Co., Inc., Rochester, N. Y. Envelope opening machine. 2,027,045; Jan. 7.
- Keiser, Bernhard. (See De Groote, M., Adams, Keiser, and Wirtel, assignors.)
- Keiser, Bernhard. (See DeGroote, M., and Keiser.)
- Keiser, Bernhard. (See DeGroote, M., Keiser, and Wirtel.)
- Keiser, Esther E., administratrix. (See Keiser, Arthur J.)
- Keiser, Olive D., Columbus, Ohio. Necktie. 2,040,386; May 12.
- Keith, Claude D., New York, N. Y., assignor to C. E. Culpeper, Norwalk, Conn. Display device for bottled beverages. 2,057,617; Oct. 13.
- Keith, Claude D., New York, N. Y., assignor to C. E. Culpeper, Norwalk, Conn. Display package for bottled goods and the like. 2,057,618; Oct. 13.
- Keith, Frederick R., Randolph, Mass. Heel. 2,048,340; July 21.
- Keith, George, assignor to James Keith & Blackman Company, Limited, London, England. Gas burner. 2,059,360; Nov. 3.
- Keith, George, assignor to James Keith & Blackman Company Limited, London, England. Gas-fired baking oven. 2,060,993; Nov. 17.
- Keith, Irving L., Haverhill, Mass. Cementing machine. 2,046,327; July 7.
- Keith, Irving L., Haverhill, Mass. Cementing machine. 2,054,822; Sept. 22.
- Keith, James, & Blackman Company, Limited. (See Keith, George, assignor.)
- Keith, James H. (See Harvey, Lloyd E., assignor.)
- Keith, Kenneth M., Minneapolis, and O. J. Parks, Hopkins, assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Grain drill. 2,053,794; Sept. 8.
- Keith, Kenneth M., Minneapolis, and O. J. Parks, Hopkins, assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Grain drill. 2,053,795; Sept. 8.
- Keith, Kenneth M., Minneapolis, and O. J. Parks, Hopkins, assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Grain drill hopper. 2,053,796; Sept. 8.
- Keith Paper Company. (See Grogan, W. H., and Ladd, assignors.)
- Keith, Percival C., Jr., Port Washington, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Process and apparatus for treating hydrocarbon oils. 2,033,472; Mar. 10.
- Keith, Percival C., Jr., Peapack, assignor to Gasoline Products Company, Inc., Newark, N. J. Treatment of hydrocarbon oils. 2,033,473; Mar. 10.
- Keith, Percival C., Jr., Peapack, assignor to Gasoline Products Company, Inc., Newark, N. J. Treating hydrocarbon oil. 2,046,385; July 7.
- Keith, Percival C., Jr., Peapack, assignor to Gasoline Products Company, Inc., Newark, N. J. Treating hydrocarbon oils. 2,050,847; Aug. 11.
- Keith, Percy C., Jr., Peapack, H. O. Forrest, Teaneck, and L. Van Horn, Elizabeth, N. J., assignors to Standard Oil Company, Chicago, Ill. Continuous rotary filter. 2,050,007; Aug. 4.
- Keith, Percival C., Jr., Peapack, assignor to Gasoline Products Co. Inc., Newark, N. J. Treatment of hydrocarbon oil. 2,064,757; Dec. 15.
- Keith, Percival C., Jr., Peapack, assignor to Gasoline Products Co., Inc., Newark, N. J. Treatment of hydrocarbon oil. 2,065,470; Dec. 22.
- Keith, Wayland D., Wichita Falls, Tex., assignor, by mesne assignments, to J. H. Schreiber, St. Louis, Mo. Automatic dispensing apparatus. 2,034,517; Mar. 17.
- Keith, William C., Beaumont, Tex. Shotgun shell. 2,048,267; July 21.
- Kekoni, John, Anchorage, Alaska. Detachable heel lift. 2,043,177; June 2.
- Kelco Company. (See Clark, D. E., and Green, assignors.)
- Kelco Company. (See Green, Harland C., assignor.)
- Keler, Henry F., Bridgeport, Conn. Ophthalmic mounting. 2,046,268; June 30.
- Kell, Alfred T. B., Beckenham, England. Stabilization and preservation of rubber latex. 2,034,531; Mar. 17.
- Kell, Clement W., Ridley Park, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Locomotive structure. 2,049,613; Aug. 4.
- Kell, Ray D., Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Signaling system. 2,061,734; Nov. 24.
- Kellam, David S., Atlanta, Ga. Hose clamp. 2,064,919; Dec. 22.
- Kelleher, Daniel, assignor to Thompson Products Incorporated, Cleveland, Ohio. Apparatus and method for making valve spring retainer locks. 2,052,306; Aug. 25.
- Kellendorfer, Richard, Munich, Germany. Electric safety cut-out. 2,063,813; Dec. 8.
- Keller, Arthur C. (See Harrison, H. C., and Keller.)
- Keller, Arthur C. (See Harrison, H. C., Keller, and Pol-Jard.)
- Keller, Arthur C., Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phonograph reproducer. 2,034,872; Mar. 24.
- Keller, August F., Philadelphia, Pa. Electric insect trap. 2,038,495; Apr. 21.
- Keller, Carl A. (See Thoms, A. P., and Keller.)



- Keller, Charles L., Cincinnati, assignor to The Richardson Company, Lockland, Ohio. Making composite molded products. 2,027,483; Jan. 14.
- Keller, Clarence J., and J. Q. Holmes, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Insulating machine. 2,045,087; June 23.
- Keller, Cornelius H., San Francisco, Calif., assignor to Minerals Separation North American Corporation, New York, N. Y. Froth flotation concentration of ores. 2,044,851; June 23.
- Keller, Curt, Zurich, Switzerland. Labyrinth packing for rotating machine parts. 2,058,993; Oct. 27.
- Keller, Ferdinand W. (See Miller, George, assignor.)
- Keller, Franz. (See Rallet, D., and Keller.)
- Keller, Fred, New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum welding rod. 2,043,855; June 9.
- Keller, Harry H., Ventnor, N. J., assignor to Bitting Incorporated, New York, N. Y. Wall construction. 2,038,115; Apr. 21.
- Keller, Hugo F., Oneida, N. Y. Bandage making machine. 2,066,178; Dec. 29.
- Keller, Ira C. (See Kane, J. W., Keller, and Holy.)
- Keller, John D., Pittsburgh, Pa. Carbon pile meter. 2,030,523; Feb. 11.
- Keller, John H., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Rear engine mounting. 2,039,007; Apr. 28.
- Keller, Joseph F., New York, N. Y. Flexible closure for containers and the like. 2,030,992; Feb. 18.
- Keller, Joseph R., assignor to The Black Rock Manufacturing Company, Bridgeport, Conn. Roller grinding machine. 2,048,634; July 21.
- Keller, Karl. (See Münz, F., and Keller.)
- Keller, Karl, Frankfort-on-the-Main Fehrenheim, H. Hopff, Ludwigshafen-on-the-Rhine, E. Gofferjé, Frankfort-on-the-Main, and J. Nuesslein, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of assistants for the textile and related industries. 2,063,934; Dec. 15.
- Keller, Kirk L., Creve Coeur, Mo., assignor to The Moto-Mower Co., Detroit, Mich. Mowing and spraying apparatus. 2,044,884; June 23.
- Keller, Lewis R., New York, N. Y. Stringed instrument pick. 2,052,405; Aug. 25.
- Keller, Lewis R., New York, N. Y. Sounding toy. 2,052,406; Aug. 25.
- Keller, Paul L., Concord, Calif. Plant guard. 2,062,789; Dec. 1.
- Keller, Ray B., assignor to Hammermill Paper Company, Erie, Pa. Continuous printing method and apparatus therefor. 2,066,179; Dec. 29.
- Keller, Rex E. (See Rauhen, C. F., and Keller.)
- Keller, Theodore P., Flushing, assignor to Gas Purifying Materials Co., Inc., Long Island City, N. Y. Gas purifying material and making same. 2,053,960; Sept. 8.
- Keller, Walter D., assignor to The Alliance Machine Company, Alliance, Ohio. Forging manipulator. 2,053,291; Sept. 8.
- Keller, Walter D., and E. H. Kendall, assignors to The Alliance Machine Company, Alliance, Ohio. Fulcrum for forging manipulators. 2,053,292; Sept. 8.
- Keller, Wilbur J., Ephrata, Wash. Bed attachment. 2,050,183; Aug. 4.
- Kellermann, Marvin, assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Game apparatus. 2,035,706; Mar. 31.
- Kellermann, Otto. (See Kleinschmit, O., and Kellermann, assignors.)
- Kellermeier, Fred J., assignor to Gross Photo Supply Company, Toledo, Ohio. Photo mount. 2,049,165; July 28.
- Kellett Autogiro Corporation. (See Young, Charles D., assignor.)
- Kellett, William P., New York, N. Y. Side unloading freight car. 2,036,336; Apr. 7.
- Kellett, William P., New York, N. Y. Shock reducing car structure. 2,040,486; May 12.
- Kellett, William P., New York, N. Y. Truck equipment for transporting goods containers. 2,058,891; Oct. 27.
- Kellett, William R., Menasha, and H. M. Ostertag, Neenah, assignors to Paper Patents Company, Neenah, Wis. Hydraulic inlet for paper making machines. 2,060,808; Nov. 17.
- Kelley, Floyd C., Schenectady, N. Y., assignor to General Electric Company. Cemented tantalum carbide. 2,053,151; Sept. 1.
- Kelley, Francis E., Providence, R. I., assignor to Easton and Burnham Machine Company. Spindle bearing. 2,041,934; May 26.
- Kelley, George S., Mount Vernon, assignor to Kadco Corporation, New York, N. Y. Dust deflector. 2,055,768; Sept. 29.
- Kelley, John C., Westmount, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 2,039,650; May 5.
- Kelley, John E., Larchmont, N. Y. Hair drier. 2,026,942; Jan. 7.
- Kelley, John E., Larchmont, N. Y. Multiple service hair drier or the like. 2,057,033; Oct. 13.
- Kelley-Koett Mfg. Co. (See Tietig, Chester, assignor.)
- Kelley, Lloyd A., assignor to The Conklin Pen Company, Toledo, Ohio. Fountain pen. 2,040,999; May 19.
- Kelley, Roland S., Meadville, Pa., assignor to Hookless Fastener Company. Fastener. 2,031,959; Feb. 25.
- Kelley-Springfield Tire Company, The. (See Hardman, Albert F., assignor.)
- Kelley, Wesley J., Minneapolis, Minn. Movable electric receptacle. 2,042,105; May 26.
- Kelley, Wingate, Needham, Mass. Boot or shoe and making same. 2,050,337; Aug. 11.
- Kellner, Gustav, Munich, Germany. Collapsible tube. 2,045,190; June 23.
- Kellner, Heinrich, G. m. b. H. (See Schmieglitz, Willy, assignor.)
- Kellner, Louis, Brooklyn, N. Y. Electrical cord connector. 2,058,321; Oct. 20.
- Kellogg, Chever M., Webster Groves, Mo., assignor to Shell Development Company, San Francisco, Calif. Dewaxing mineral hydrocarbon oils. 2,047,826; July 14.
- Kellogg Company. (See Wilder, Harold K., assignor.)
- Kellogg, David R., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lightning arrester. 2,050,334; Aug. 11.
- Kellogg, Edward W. (See Batsel, C. N., and Kellogg.)
- Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Strip record supporting and driving apparatus. 2,029,027; Jan. 28.
- Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Recording and reproduction of electrical impulses. 2,031,835; Feb. 25.
- Kellogg, Edward W., Moorestown, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Volume control means for radio apparatus. 2,049,809; Aug. 4.
- Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Clutch or brake mechanism. 2,050,613; Aug. 11.
- Kellogg, Edward W., Schenectady, N. Y., assignor to General Electric Company. Photographic sound recording. 2,064,665; Dec. 15.
- Kellogg, Edward W., Moorestown, and S. Read, Jr., Haddonfield, N. J., assignors to Radio Corporation of America. Sound and picture camera. 2,031,836; Feb. 25.
- Kellogg, George D., Pelham Manor, assignor to Johns-Manville Corporation, New York, N. Y. Structural assembly. 2,033,100; Mar. 3.
- Kellogg, George D., Pelham Manor, assignor to Johns-Manville Corporation, New York, N. Y. Wall assembly. 2,040,385; May 12.
- Kellogg, George D., Pelham Manor, assignor to Johns-Manville Corporation, New York, N. Y. Corner portion of an assembly wall. 2,053,482; Sept. 8.
- Kellogg, George D., Pelham, assignor to Johns-Manville Corporation, New York, N. Y. Building assembly and fastening means. 2,066,006; Dec. 29.
- Kellogg, Helen L. (See Kellogg, John L., assignor.)
- Kellogg, Herbert C., Detroit, Mich., assignor to Temprite Products Corporation. Mechanically cooled dispensing apparatus. 2,034,300; Mar. 17.
- Kellogg, Homer G., assignor to Motor Products Corporation, Detroit, Mich. Method of and apparatus for making composite strips. 2,056,675; Oct. 6.
- Kellogg, Homer G., assignor to Motor Products Corporation, Detroit, Mich. Fastener for trim strips. 2,061,970; Nov. 24.
- Kellogg, John L., assignor to H. L. Kellogg, Chicago, Ill. Container and cooling means therefor. 2,030,005; Feb. 4.
- Kellogg, John L., assignor to H. L. Kellogg, Chicago, Ill. Beverage shipping and storage container. 2,046,953; July 7.
- Kellogg, John L., assignor to H. L. Kellogg, Chicago, Ill. Container and heat insulating means therefor. 2,054,754; Sept. 15.
- Kellogg, John L., assignor to H. L. Kellogg, Chicago, Ill. Cooling and pressure control means for liquid containers. 2,063,877; Dec. 8.
- Kellogg, M. W., Company. (See Blumberg, Harry S., assignor.)
- Kellogg, M. W., Company. (See Hopkins, Robert K., assignor.)
- Kellogg, M. W., Company, The. (See Johnson, Stephen S., Jr., assignor.)
- Kellogg, M. W., Company. (See Kidd, Alexander, assignor.)
- Kellogg Manufacturing Co. (See Browne, Lindsay H., assignor.)
- Kellogg Switchboard and Supply Company. (See Eaton, George R., assignor.)
- Kellogg Switchboard & Supply Co. (See Eaton, G. R., and Armstrong, assignors.)
- Kellogg Switchboard and Supply Company. (See Grout, Martin B., assignor.)
- Kellogg Switchboard & Supply Co. (See Horn, R., and Humphreys, assignors.)
- Kellogg Switchboard and Supply Company. (See Kiner, Glenn, assignor.)
- Kellogg Switchboard and Supply Company. (See Peterson, Ruben O., assignor.)
- Kellogg, William D., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Pile fabric. 2,028,872; Jan. 28.
- Kellogg, William D., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Tuft pile fabric loom. 2,035,235; Mar. 24.



- Kellogg, William D., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Pile straightening and holding device. 2,035,236; Mar. 24.
- Kelsay, LeRoy W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Protective device. 2,058,59; Oct. 27.
- Kelly, Anthony H. (See Leyner, G. A., and Kelly.)
- Kelly, Bernard J., and J. W. Kemmler, assignors to Sloane-Blabon Corporation, Philadelphia, Pa. Printing. 2,052,350; Aug. 25.
- Kelly, Bernard J., and J. W. Kemmler, assignors to Sloane-Blabon Corporation, Philadelphia, Pa. Printing. 2,052,351; Aug. 25.
- Kelly, Bryant S., Lubert City, Ga. Turpentine gum cup cover. 2,029,571; Feb. 4.
- Kelly, Byron F., Worcester, Mass. Shipping case. 2,054,982; Sept. 22.
- Kelly, Clyde W., assignor to Detroit Steel Products Company, Detroit, Mich. Window. 2,033,832; Mar. 10.
- Kelly, Edward A., Indianapolis, Ind. Passbook. 2,050,184; Aug. 4.
- Kelly, Frederick G. (See Stirlen, E. D., and Kelly.)
- Kelly, Frederick G., Jr., assignor to The Engineering and Research Corporation, New Haven, Conn. Electric timing apparatus. 2,029,622; Feb. 4.
- Kelly, Frederick G., Jr., assignor to The Engineering and Research Corporation, New Haven, Conn. Traffic control system and apparatus. 2,044,907; June 23.
- Kelly, Frederick G., assignor to American Teletector Corporation, New Haven, Conn. Detecting system. 2,064,980; Dec. 22.
- Kelly, Harold E., Hollywood, assignor of thirty-nine per cent to J. F. Goetz and ten per cent to W. C. Pollitt, Los Angeles, Calif., and ten per cent to E. T. Jaeckel, New York, N. Y. Vehicle closure and operating means therefor. 2,035,895; Mar. 31.
- Kelly, Harry G., Omaha, Nebr. Rolling door mechanism. 2,059,585; Nov. 3.
- Kelly, James J., and L. Sommer, Ben E. Ettelson, executor of said L. Sommer, assignor to Kelly Process, Inc., Portland, Oreg. Roller or flat platen. 2,049,452; Aug. 4.
- Kelly, John D. (See Near, H. B., Pacini, Crosley, Gerth, Bredigam, and Kelly.)
- Kelly, Leo J., assignor to Exhibit Supply Company, Chicago, Ill. Phonograph cabinet. 2,062,517; Dec. 1.
- Kelly, Paul, English Lookout, La. Propeller puller. 2,030,006; Feb. 4.
- Kelly Process, Inc. (See Kelly, J. J., and Sommer, assignors.)
- Kelly Reamer Company, The. (See Berg, Herman, assignor.)
- Kelly Reamer Company, The. (See Van Deusen, D. E., and Berg, assignors.)
- Kelly, Richard S., Ridgefield Park, N. J. Paper clip. 2,056,139; Sept. 29.
- Kelly, Rowland L., Chicago, Ill., assignor to Ditto, Incorporated. Duplicating machine. 2,038,571; Apr. 28.
- Kelly, Thomas F., Sausalito, Calif. Tag holder. 2,032,617; Mar. 3.
- Kelly, Timothy J., assignor to Southern Brighton Mills, Shannon, Ga. Seed bed cover. 2,028,220; Jan. 21.
- Kelly, Vaughn. (See Bogin, C., and Kelly.)
- Kelly, Wallace W., Racine, Wis. Vehicle reverse brake mechanism. 2,044,475; June 16.
- Kelly, William M., Westfield, assignor to American Type Founders Company, Elizabeth, N. J. Printing press. 2,030,173; Feb. 11.
- Kelm, Artur F., Berlin-Neubabelsberg, Germany, assignor to Kelm & Daniel G. m. b. H., Berlin, Germany. Grinding and polishing machine. 2,047,872; July 14.
- Kelm & Daniel G. m. b. H. (See Kelm, Artur F., assignor.)
- Kelm, William. (See Ginn, Horace S., assignor.)
- Kelsall, Bernard. (See Kinsella, E., Pratt, and Kelsall.)
- Kelsay, Carrie, Columbia, Ky. Kitchen utensil. 2,040,004; May 5.
- Kelsey, Cadwallader W., Short Hills, N. J. Agricultural implement. 2,054,129; Sept. 15.
- Kelsey-Hayes Wheel Company, The. (See Ash, Charles S., assignor.)
- Kelsey-Hayes Wheel Company. (See Dostal, Joseph L., assignor.)
- Kelsey-Hayes Wheel Company. (See Main, Frank L., assignor.)
- Kelsey-Hayes Wheel Company. (See Main, F. L., and Moore, assignors.)
- Kelsey-Hayes Wheel Company, The. (See Sinclair, Charles W., assignor.)
- Kelsey-Hayes Wheel Company, The. (See Sinclair, Charles W., assignor.)
- Kelsey-Hayes Wheel Company. (See Smith, Walter P., assignor.)
- Kelsey-Hayes Wheel Company, The. (See Stefancky, Rudolph, assignor.)
- Kelsey-Hayes Wheel Company. (See Thomas, George J., assignor.)
- Kelsey-Hayes Wheel Company. (See White, John W., assignor.)
- Keltonik, Stephen, Conemaugh, Pa. Sled propeller. 2,065,375; Dec. 22.
- Kelvie, James D., Massillon, assignor to The Republic Steel Corporation, Youngstown, Ohio. Method of and apparatus for cleaning stainless steel. 2,037,633; Apr. 14.
- Kelvinator Corporation. (See Baker, Norman A., assignor.)
- Kelvinator Corporation. (See Bersey, Arthur T., assignor.)
- Kelvinator Corporation. (See Ellis, Don G., assignor.)
- Kelvinator Corporation. (See Goulouze, Martin J., assignor.)
- Kelvinator Corporation. (See Graham, Frank O., assignor.)
- Kelvinator Corporation. (See Greenwald, H. A., and Palmer, assignors.)
- Kelvinator Corporation. (See Heideman, Fred J., assignor.)
- Kelvinator Corporation. (See Heitman, Edward, assignor.)
- Kelvinator Corporation. (See Ohmart, Grayston, R., assignor.)
- Kelvinator Corporation. (See Philipp, Lawrence A., assignor.)
- Kelvinator Corporation. (See Replogle, John R., assignor.)
- Kelvinator Corporation. (See Sekyra, Charles J., assignor.)
- Kelvinator Corporation. (See Thomas, Charles C., assignor.)
- Kelvinator Corporation. (See Thomas, C. C., and Ellis, assignors.)
- Kelvinator Corporation. (See Tiffany, Burton E., assignor.)
- Kelvinator Corporation. (See West, Frank R., assignor.)
- Kem, Huxley D., and J. R. Marshall, Jr., Medford, Oreg. Printing press. 2,039,909; May 5.
- Kemila, Johannes H., et al. (See Satukangas, Hannes, assignor.)
- Kemler, Emory N., Pittsburgh, Pa., assignor to Gulf Research & Development Company, Wilmington, Del. Dynamometer. 2,045,474; June 23.
- Kemler, Emory N., Glenshaw, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Mechanical dynamometer. 2,063,169; Dec. 8.
- Kemler, Florence, administratrix. (See Fetter, Edward.)
- Kemmer, Frank R., Larchmont, N. Y., assignor to Magnesium Products, Inc., Pittsburgh, Pa. Method of and apparatus for treating discrete particles and vapors. 2,032,215; Feb. 25.
- Kemmer, Frank R., Larchmont, N. Y., assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Condensing magnesium. 2,051,863; Aug. 25.
- Kemmer, Frank R., Larchmont, N. Y., assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Apparatus for condensing magnesium. 2,065,709; Dec. 29.
- Kemmerer, Ralph R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Signaling system. 2,030,924; Feb. 18.
- Kemmerer, Ralph R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,062,055; Nov. 24.
- Kemmerich, William E., Nyack, assignor to General Aniline Works, Inc., New York, N. Y. Azodyestuffs and their production. 2,061,159; Nov. 17.
- Kemmler, James W. (See Kelly, B. J., and Kemmler.)
- Kemp, Archie R. (See Williams, R. R., and Kemp.)
- Kemp, Archie R., Westwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Treatment of rubber. 2,040,314; May 12.
- Kemp, Archie R., Westwood, N. J., and A. N. Gray, Baltimore, Md., assignors, by mesne assignments, to Western Electric Company, Incorporated. Insulated conductor. 2,047,736; July 14.
- Kemp, Caroline, Clayton, N. Y. Toaster for canapés for hors d'oeuvres. 2,028,159; Jan. 21.
- Kemp, David, New York, N. Y. Tent. 2,059,463; Nov. 3.
- Kemp, Edgar T., Premont, Tex. Level and drainage projection instrument. 2,065,530; Dec. 29.
- Kemp, Paul. (See Feuer, E., and Kemp.)
- Kemp, William J., Deptford, London, England. Wrapping for block shaped articles. 2,041,679; May 19.
- Kempe, Adolf. (See Burwell, A. W., and Kempe.)
- Kempel, Arthur B., assignor to Rex-Hide, Incorporated. East Brady, Pa. Rubber repair material. 2,031,960; Feb. 25.
- Kemper, Charles R., Dayton, Ohio. Circuit controlling device. 2,044,080; June 16.
- Kemper, Gilbert L., assignor to Cincinnati Coffin Company, Cincinnati, Ohio. Handle escutcheon. 2,028,071; Jan. 14.
- Kempf, Herman H., New York, N. Y. Marginal warning signal for automobiles. 2,060,771; Nov. 10.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,540; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,541; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,542; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,543; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,544; Jan. 7.



- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,545; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,546; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,547; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,548; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,553; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,554; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,555; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,556; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,557; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,558; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,559; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,560; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,561; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,562; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,563; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,564; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,565; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,566; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,567; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,568; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,569; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,570; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,571; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,572; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,573; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,574; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloys. 2,026,575; Jan. 7.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Free cutting alloy. 2,047,873; July 14.
- Kempf, William C. (See Geiger, C. F., and Kempf.)
- Kempka, Friedrich, New York, assignor of one-half to E. Van Hoofstadt, North Valley Stream, Long Island, N. Y. Alloy and making the same. 2,052,714; Sept. 1.
- Kempster, Ernest B., Jr., assignor to General Railway Signal Company, Rochester, N. Y. Signaling system for railroads. 2,042,663; June 2.
- Kempthorne, James L., Montclair, N. J. Pump or the like. 2,040,178; May 12.
- Kempthorne, James L., Montclair, N. J. Rotary engine. 2,043,544; June 9.
- Kemptner, Frank. (See Roberts, Lee R., assignor.)
- Kempton, Herbert E., assignor to Tuthill Pump Company, Chicago, Ill. Seal for rotary engines. 2,030,303; Feb. 11.
- Kenagy, Reed B., Sr., and C. J. Hallaux, Kansas City, Mo. Sandal. 2,062,909; Dec. 1.
- Kendall, Clement, Morristown, N. J. Cable anchorage. 2,032,703; Mar. 3.
- Kendall Company, The. (See Donaldson, Robert R., Jr., Assignor.)
- Kendall Company, The. (See Eustis W., and Noonan, assignors.)
- Kendall Company, The. (See Eustis, W., and Walter, assignors.)
- Kendall Company, The. (See Reed, Raymond E., assignor.)
- Kendall, Edgar H. (See Keller, W. D., and Kendall.)
- Kendall, Edna T., Oxnard, Calif. Shoe protector. 2,061,160; Nov. 17.
- Kendall, James M., Woodbury Heights, N. J., assignor to Radio Corporation of America. Electrical translation device. 2,028,873; Jan. 28.
- Kendall, Kenneth W., Cedarvale, assignor of one-half to F. E. Baird, Pedernal, N. Mex. Wrench. 2,051,043; Aug. 18.
- Kendall, Genevieve A. (See Kendall, Ira H., assignor.)
- Kendall, Ira H., assignor to G. A. Kendall, Potsdam, N. Y. Method of and apparatus for washing milk cans or other receptacles. 2,062,664; Dec. 1.
- Kendig, Benton B., Philadelphia, Pa., assignor to Wescott Products Corp., Brooklyn, N. Y. Tubular article. 2,063,607; Dec. 8.
- Kendrick, Curtis A., Buffalo, N. Y. Supporting structure for concrete floors. 2,038,296; Apr. 21.
- Kenedy, Louis, New Rochelle, assignor to P. J. Kenedy & Sons, New York, N. Y. Bookmark. 2,060,624; Nov. 10.
- Kenedy, P. J., & Sons. (See Kenedy, Louis, assignor.)
- Kenerson, Stanley M., assignor to The Standard Electric Time Company, Springfield, Mass. Time instrument. 2,036,050; Mar. 31.
- Keney, Joseph C. (See Guthrie, James M., assignor.)
- Kennard, Doris B., Tallahassee, Fla. Diaper. 2,032,131; Feb. 25.
- Kenneally, Martin M., assignor to The Ohio Brass Company, Mansfield, Ohio. Transmission line support. 2,045,150; June 23.
- Kennebeck, Eugene G., Denver, Colo. Device for sacking sliced bread and the like. 2,031,264; Feb. 18.
- Kennecott Wire and Cable Company. (See McKan, J. R., and Busy, assignors.)
- Kennecott Wire and Cable Company. (See Moss, John B., assignor.)
- Kennedy, Alex R., assignor to Indiana Condensed Milk Company, Indianapolis, Ind. Processing canned products. 2,056,526; Oct. 6.
- Kennedy, Benjamin H., Rochester, N. Y. Canopy for children's play devices. 2,065,225; Dec. 22.
- Kennedy, Benjamin H., Rochester, N. Y. Accessory for infants' bathing devices. 2,065,226; Dec. 22.
- Kennedy Car Liner & Bag Co., The. (See Smith, James M., assignor.)
- Kennedy, Carlton L., Braintree, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Motor and mounting therefor. 2,056,676; Oct. 6.
- Kennedy, Carlton L., Braintree, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Condenser induction motor. 2,028,934; Jan. 28.
- Kennedy, Carlton L., Braintree, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Induction motor. 2,033,525; Mar. 10.
- Kennedy, Charles E., Lakeville, Mass. Combined roll and frankfurt electric toasting device. 2,044,615; June 16.
- Kennedy, Charles L., Columbia, S. C. Loom. 2,065,076; Dec. 22.
- Kennedy, Charles W. (See Harrison, W. B., and Kennedy.)
- Kennedy, Edgar S. (See Collins, B. W., Kennedy, and Allen.)
- Kennedy, Edgar S. (See Converse, L. S., and Kennedy.)
- Kennedy, Emmett F. (See Ahrens, H. A., Kennedy, and Nason.)
- Kennedy, Emmett F., Garfield Heights, assignor to The Cleveland Co-Operative Stove Company, Cleveland, Ohio. Stove or range. 2,059,735; Nov. 3.
- Kennedy, Francis J., Needham, Mass. Elastic thread. 2,057,577; Oct. 13.
- Kennedy, Frank W., assignor to De Laval Steam Turbine Company, Trenton, N. J. Automobile transmission. 2,060,220; Nov. 10.
- Kennedy, George C., Waterloo, Iowa. Adjustably extensible carrier. 2,048,553; July 21.
- Kennedy, George H., Jr., Worcester, assignor to United States Envelope Company, Springfield, Mass. Envelope. 2,026,837; Jan. 7.
- Kennedy, Harry E. (See Jones, L. T., Kennedy and Rotermund.)
- Kennedy, Harry E., Berkeley, Calif. Ignition system for internal combustion engines. 2,059,243; Nov. 3.
- Kennedy, Harry E., M. A. Rotermund, and L. T. Jones, Berkeley, Calif., assignors to Union Carbide and Carbon Research Laboratories, Inc. Arc welding. 2,026,943; Jan. 7.
- Kennedy, Henry L. (See Tucker, G. R., Kennedy, and Renner.)
- Kennedy, Jerome F., Berlin, Germany. Constructional toy elements consisting of tubes, plates, and connecting pieces. 2,042,007; May 26.
- Kennedy, John N. (See Iddings, C., and Kelledy.)
- Kennedy, John W., Glasgow, Scotland. Spring suspension for vehicles. 2,050,099; Aug. 4.



- Kennedy, Joseph A., Pawtucket, R. I., assignor to Anaconda Wire & Cable Company, New York, N. Y. Insulated cable. 2,047,271; July 14.
- Kennedy, Joseph E., assignor to N. Kennedy, New York, N. Y. Pulverized fuel apparatus. 2,053,340; Sept. 8.
- Kennedy, Joseph E., assignor to N. Kennedy, New York, N. Y. Pulsating screen. 2,053,341; Sept. 8.
- Kennedy, Joseph E., New York, and H. W. Johnson, Bronxville, assignors to N. Kennedy, New York, N. Y. Pneumatic transport system. 2,032,867; Mar. 3.
- Kennedy, Joseph E., and J. V. Pyle, assignors to Nellie Kennedy, New York, N. Y. Boiler furnace. 2,039,537; May 5.
- Kennedy, Nellie. (See Kennedy, Joseph E., assignor.)
- Kennedy, Nellie. (See Kennedy, J. E., and Johnson, assignors.)
- Kennedy, Nellie. (See Kennedy, J. E., and Pyle, assignors.)
- Kennedy, Robert E., New York, N. Y. Beverage container and dispenser. 2,052,307; Aug. 25.
- Kennedy, Samuel E. (See Brown, Henry A., assignor.)
- Kennedy, William J., Chicago, Ill. Water outlet and salt inlet device for water softeners. 2,042,008; May 26.
- Kennedy, William J., New York, N. Y. Revolvable gate. 2,054,701; Sept. 15.
- Kenner, Arthur, Maplewood, N. J., and C. A. Smith, Great Neck, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Fuse panel. 2,065,897; Dec. 29.
- Kenney, Edward F. (See Bent, Q., and Kenney.)
- Kenney, Edward F., Bethlehem, R. B. Gerhardt, Steelton, and R. E. Dudley, Bethlehem, Pa., assignors to Bethlehem Steel Company. Rail testing method. 2,032,989; Mar. 3.
- Kenney, John A., Plainfield, N. J., assignor to The Barrett Company, New York, N. Y. Dispersion of nonsaponifiable resin and making same. 2,051,409; Aug. 18.
- Kenney, John A., Plainfield, N. J., assignor to The Barrett Company, New York, N. Y. Making a dispersion of a hard resin of the coumarone indene type. 2,051,410; Aug. 18.
- Kenney, Mahlon W., Chicago, and A. R. Constantine, River Forest, Ill., assignors to General Household Utilities Company, Chicago, Ill. Shockless mounting. 2,041,353; May 19.
- Kenney, Mahlon W., Chicago, and A. R. Constantine, River Forest, assignors to General Household Utilities Company, Chicago, Ill. Compressor. 2,045,014; June 23.
- Kenney, Mahlon W., Berwyn, and J. D. Jordan, Elmhurst, assignors to General Household Utilities Company, Chicago, Ill. Pump for refrigerating means. 2,057,381; Oct. 13.
- Kenney Manufacturing Company. (See Kenney, William C., assignor.)
- Kenney, Ray E. (See Kaylor, R., and Kenney.)
- Kenney, William C., assignor to Kenney Manufacturing Company, Cranston, R. I. Crane and extension bracket therefor. 2,046,824; July 7.
- Kenney, William J., Chicago, Ill. Automatically regenerating water softener. 2,044,247; June 16.
- Kennison, Frank, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for use in applying pressure to shoe bottoms. 2,029,324; Feb. 4.
- Kennison, Frank, and J. R. O'Brien, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for applying pressure to shoe bottoms. 2,049,453; Aug. 4.
- Kenny, Michael J., Mentor Township, Lake County, Ohio, assignor to The Reece Button Hole Machine Company, Boston, Mass. Buttonhole sewing machine. 2,040,260; May 12.
- Kenny, Thomas J., Elkins Park, assignor to Sheffer-Gross Company Inc., Philadelphia, Pa. Apparatus for separating air and solids from liquids. 2,061,517; Nov. 17.
- Kenny, William F., Company, The. (See Holby, Frank A., assignor.)
- Kensington Steel Company. (See Messenger, George P., assignor.)
- Kent, Alfred W., Groby, assignor to Wildt and Company, Limited, Leicester, England. Circular knitting machine of the double axially opposed needle cylinder type. 2,065,469; Dec. 22.
- Kent, Everett E., et al. (See Whitford, Arley C., assignor.)
- Kent, George, Limited. (See Ivanoff, A., and Howard, assignors.)
- Kent Machine Works, Inc. (See Peters, Elmer P., assignor.)
- Kent, Robert S., Brooklyn, N. Y. Kiln retort structure. 2,046,687; July 7.
- Kent, Walter E., assignor of one-half to J. T. Sutliff, Decatur, Ill. Suction cleaner. 2,033,833; Mar. 10.
- Kenty, Carl E., Chatham, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Electric discharge device. 2,027,383; Jan. 14.
- Kenty, Carl E., Chatham, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Apparatus for controlled electric discharge devices. 2,027,384; Jan. 14.
- Kenty, Carl E., Jersey City, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Gaseous electric discharge device. 2,030,376; Feb. 11.
- Kenworthy, Henry E., Tacoma, Wash. Truss pad. 2,052,631; Sept. 1.
- Kenworthy, Kenneth P., Moscow, Idaho. Color screen holder. 2,059,361; Nov. 3.
- Keny, Emma L., administratrix. (See Eggert, Joseph.)
- Kenyon, Edward W., Detroit, Mich. Circular depository. 2,032,618; Mar. 3.
- Kenyon, Julia P., Owasco, N. Y. Device for closing jars. 2,055,978; Sept. 29.
- Kenyon, Theodore S., executors et al. (See Gray, Thomas T.)
- Kenyon, William O. (See Yackel, E. C., and Kenyon.)
- Kenyon, William O., and G. P. Waugh, assignors to Eastman Kodak Company, Rochester, N. Y. Preparing fibrous esters of cellulose. 2,033,716; Mar. 10.
- Kenyon, William O., and G. P. Waugh, assignors to Eastman Kodak Company, Rochester, N. Y. Preparing organic acid esters of cellulose. 2,051,217; Aug. 18.
- Keoughan, Laurence M., Berwyn, Ill. Apparatus for drying sludge. 2,028,395; Jan. 21.
- Kepler, William R., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Chime for barrels and making it. 2,034,399; Mar. 17.
- Kepler, Robert C., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Railway car construction. 2,037,382; Apr. 14.
- Kepler, Albert E., assignor to Brown & Bailey Company, Philadelphia, Pa. Display box. 2,035,075; Mar. 24.
- Kepler, Helmut. (See Hentrich, W., Kepler, and Hintzmänn.)
- Kerber, Joseph H., assignor to Hi-Way Service Corporation, Milwaukee, Wis. Hydraulic apparatus. 2,031,166; Feb. 18.
- Kerckhoff, Richard D., Lake Forest, Mo., assignor to Pevely Dairy Company, St. Louis. Counter. 2,050,848; Aug. 11.
- Kerigan, Joseph E. (See Brault, Andora, assignor.)
- Kermin, Henry, San Bernardino, Calif. Container and dispenser. 2,028,838; Jan. 28.
- Kern, Edward F., assignor to The American Metal Company, Limited, New York, N. Y. Silver alloys. 2,052,142; Aug. 25.
- Kern, Edward F., assignor to The American Metal Company, Limited, New York, N. Y. Silver alloys. 2,052,143; Aug. 25.
- Kern, Erwin. (See Brynhildsen, C., and Kern.)
- Kern, Erwin, Ennetbaden, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electron discharge device control system. 2,028,706; Jan. 21.
- Kern, Fred M., Detroit, Mich., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Adjusting device for cylinder grinders. 2,058,464; Oct. 27.
- Kern, Jean G., Hamburg, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Dye compositions and making. 2,048,745; July 28.
- Kern, Walter, Sissach, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Vat dyestuffs of the pyrenequinone series and making the same. 2,065,710; Dec. 29.
- Kern, William H., assignor to Associated Inventions, Inc., Jersey City, N. J. Nonrefillable bottle stopper. 2,031,715; Feb. 25.
- Kernen, Frank H., Louisville, Ky. Display tray. 2,029,662; Feb. 4.
- Kerner, Edward V., assignor to Starlock Manufacturing Company, Pittsburgh, Pa. Locking means for tiles and bricks. 2,054,512; Sept. 15.
- Kerner Incinerator Company. (See Nicol, Herbert E., assignor.)
- Kerns, Kenneth R., Wahiawa, Hawaii. Method of and material for forcing flowering and fruit formation in plants. 2,047,874; July 14.
- Kernspecht, Otto, assignor to Variety Machine & Stamping Company, Cleveland, Ohio. Guard for automotive vehicle bumpers. 2,031,217; Feb. 18.
- Kerone, Edward B. W. (See Olsen, F., Tibbitts, and Kerone.)
- Kerotest Manufacturing Company. (See Forbes, J. S., and Lamar, assignors.)
- Kerr, Harold L., assignor to F. Gardner, Dallas, Tex. Removing sulphur compounds from petroleum distillates. 2,053,909; Sept. 8.
- Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Protective covering for tubes. 2,028,160; Jan. 21.
- Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. High pressure boiler. 2,032,368; Mar. 3.
- Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam washer. 2,058,239; Oct. 20.
- Kerr, Howard J., Westfield, assignor, by mesne assignments, to The Babcock & Wilcox Company, Newark, N. J. Water cooled furnace. 2,061,404; Nov. 17.
- Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Superheated steam cooling device. 2,063,441; Dec. 8.
- Kerr, Howard J., Westfield, and C. U. Savoye, Hackensack, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Tube support. 2,033,077; Mar. 3.
- Kerr, John A., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Alleron control for folding wings. 2,044,357; June 16.



- Kerr, John W., Chicago, Ill., assignor to E. H. Geyer, Milwaukee, Wis. Longitudinal joint reinforcement system for concrete roads. 2,031,371; Feb. 18.
- Kerr, Paul W., Elkhart, Ind. Shower bath cabinet. 2,065,531; Dec. 29.
- Kerr, Ralph W., Riverside, Ill., assignor to International Patents Development Company, Wilmington, Del. Producing odorless cornstarch. 2,052,308; Aug. 25.
- Kerr, Samuel L., Philadelphia, Pa. Apparatus for controlling prime movers. 2,039,426; May 5.
- Kerr, Samuel L., Philadelphia, Pa. Automatic operator. 2,050,338; Aug. 11.
- Kerr, Samuel L., Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Valve mechanism. 2,052,572; Sept. 1.
- Kerr, William J., assignor to The Bristol Company, Waterbury, Conn. Time-cycle controller. 2,050,614; Aug. 11.
- Kerr, William J., Waterbury, and E. C. Miller, Naugatuck, assignors to The Bristol Company, Waterbury, Conn. Time-cycle controller. 2,030,451; Feb. 11.
- Kerschbaum, Friedrich P., Frankfort-on-the-Main, Germany, W. H. Waggaman, Baltimore, Md., and S. D. Gooch, Pembroke, Fla., assignors, by mesne assignments, to Pembroke Chemical Corporation. Recovery of phosphorus from dilute gases. 2,029,663; Feb. 4.
- Kerschbaum, Friedrich P., Berlin-Wilmersdorf, Germany, and S. D. Gooch, Lake Wales, Fla. Recovery of phosphorus. 2,050,796; Aug. 11.
- Kerschbaum, Friedrich P., Winterhaven, and S. D. Gooch, assignors to Pembroke Chemical Company, Pembroke, Fla. Apparatus for recovery of phosphorus. 2,050,797; Aug. 11.
- Kersey, Earl N., Panuco, Mexico, assignor to Mexican Gulf Oil Company, Wilmington, Del. Rotary drill. 2,046,915; July 7.
- Kersey, Robert W. (See Wyler, M., and Kersey.)
- Kersey, Robert W. (See Wyler, M., Kersey, and Smith.)
- Kershaw, Arnold. (See Haddock, N. H., and Kershaw.)
- Kershaw, Arnold, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Amino-ortho-nitro-aryl-thiocarboxylic acids and preparing same. 2,041,716; May 26.
- Kershaw, Henry, assignor to Sovereign Machinery Company, Newark, N. J. Method of and apparatus for producing radio tube grids. 2,064,169; Dec. 15.
- Kershaw, William E., Gwynedd Valley, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Separative diaphragm for electrolytic cells and producing the same. 2,043,954; June 9.
- Kersten, Jacob, Kalamazoo, Mich. Adjustable seat. 2,031,109; Feb. 18.
- Kersting, Bernard H., Ben Avon, Pa., assignor to The Dravo Contracting Company. Concrete bucket. 2,054,546; Sept. 15.
- Kerwin, Frank C., Brooklyn, N. Y. Liberation of oxygen from sodium perborate. 2,035,896; Mar. 31.
- Kerwin, Philip A., Detroit, Mich., assignor to City of Detroit, Department of Street Railways, Wayne County, Mich. Concrete tamping device. 2,043,585; June 9.
- Kerzak, Milton, New York, N. Y. Automatic steering device. 2,047,875; July 14.
- Kesel, William P., Valley Stream, N. Y. Food product and making the same. 2,045,782; June 30.
- Keseling, Herman G., Cuero, Tex. Reinforcement supporting chair. 2,031,265; Feb. 18.
- Kesling, Elmer G., Bloomfield, Mo. Gear shifting mechanism. 2,029,485; Feb. 4.
- Kesling, Elmer G., Bloomfield, Mo. Gear shifting mechanism. 2,034,400; Mar. 17.
- Kesling, Elmer G., Bloomfield, Mo. Flexible shaft. 2,036,528; Apr. 7.
- Kesling, Elmer G., Bloomfield, Mo. Gear shifting mechanism. 2,052,573; Sept. 1.
- Kessel, Josef, Krefeld-Bockum, Germany. Producing stencils for printing textile fabrics. 2,034,437; Mar. 17.
- Kessel, William P., San Francisco, Calif. Turbine. 2,044,532; June 16.
- Kesselman, Sol L. (See Hausbach, Samuel, assignor.)
- Kesselring, Camillus J. (See Eagle, A. A., and Grosser, assignors.)
- Kesselring, Fritz. (See Koppelman, F., Kaufmann, and Kesselring.)
- Kessenich, Gregory J., Madison, Wis. Container. 2,044,004; June 16.
- Kessler, Charles J. (See Chadwick, L. S., Resek, and Kessler.)
- Kessler, Charles J., Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Heating apparatus. 2,038,740; Apr. 28.
- Kessler Chemical Corporation, The. (See Goldschmidt, S., and Wolff, assignors.)
- Kessler, Jack J., Cleveland, Ohio, assignor to United Autographic Register Co., Chicago, Ill. Apparatus for attaching printing plates to a cylinder. 2,055,295; Sept. 22.
- Kessler, John E. (See Harrison, T. R., Grauel, and Kessler.)
- Kessler, Joseph W. (See Severance, S. W., and Kessler.)
- Kessler, Sebastian W., et al. (See Oglesby, N. E., Kessler, and Gilkeson.)
- Kesslinger, William, St. Louis, Mo. Food carrying case. 2,034,472; Mar. 17.
- Kestell, Thomas A. (See Gouldbourn, J., and Kestell.)
- Kestell, Thomas A. (See Gouldbourn, J., Kestell, and Keall.)
- Kestenman Bros. Mfg. Co. (See Kestenman, Charles H., assignor.)
- Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Terminal-clasp or connector. 2,041,354; May 19.
- Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Bracelet chain or linkage. 2,055,541; Sept. 29.
- Kester, Ernest B., Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Gas and Coke Company. Producing phenols. 2,043,102; June 2.
- Kester, Ernest B., Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Gas and Coke Company. Apparatus for extracting substances such as phenolic materials. 2,043,103; June 2.
- Kester Solder Company. (See Barber, C. L., and Ripley, assignors.)
- Kestle, Robert C. (See Brown, B. A., Kindl, and Kestle.)
- Ketay, Morris F. (See Reichel, W. A., and Ketay.)
- Ketay, Morris F., Brooklyn, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Annunciator unit. 2,031,266; Feb. 18.
- Ketay, Morris F., Brooklyn, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Signal control apparatus. 2,043,000; June 2.
- Ketcham, Frank, Dearborn, and G. E. Dunn, Detroit, Mich., assignors to The Universal Products Co., Inc. Roller bearing assembling machine. 2,031,417; Feb. 18.
- Ketcham, Lyman G., Brooklyn, assignor to Tele-Radio Engineering Corporation, New York, N. Y. Making inductive windings. 2,038,297; Apr. 21.
- Ketcham, Lyman G., Brooklyn, assignor to Teleradio Engineering Corporation, New York, N. Y. Transformer unit. 2,065,711; Dec. 29.
- Ketchpel, Paul A. (See Moeller, O., and Ketchpel, assignors.)
- Ketchpel, Paul A., West Englewood, N. J., assignor to The Standard Stoker Company, Incorporated. Stoker mechanism. 2,044,308; June 16.
- Ketchpel, Paul A., West Englewood, N. J., assignor to The Standard Stoker Company, Incorporated. Locomotive. 2,051,001; Aug. 11.
- Ketchpel, Paul A., West Englewood, N. J., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,053,722; Sept. 8.
- Ketten, P. J. V., & Getriebe G. m. b. H. (See Maurer, Albrecht, assignor.)
- Kettenring, Leon C., Plainfield, and L. H. Robertson, Elizabeth, N. J., assignors to Standard Oil Development Company. Dewaxing oils. 2,055,627; Sept. 29.
- Kettenring, Louis R., and F. J. Lillis, Seattle, Wash. Furnace control. 2,065,712; Dec. 29.
- Kettl, Clement A., Ford City, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Boring tool. 2,046,386; July 7.
- Kettleband, George F., Providence, assignor of one-half to J. W. Staton, West Barrington, and J. W. Staton, Cranston, R. I. Slur cam particularly adapted for use in straight knitting machines employing horizontally reciprocable sinkers. 2,042,062; May 26.
- Keuffel, Adolf W., Montclair, assignor to Keuffel & Esser Company, Hoboken, N. J. Template. 2,050,057; Aug. 4.
- Keuffel, Adolf W., Montclair, assignor to Keuffel & Esser Company, Hoboken, N. J. Scriber. 2,050,058; Aug. 4.
- Keuffel, Adolph W., Montclair, and J. J. Lippoth, New York, N. Y., assignors to Keuffel & Esser Company, Hoboken, N. J. Ink bottle stopper. 2,066,007; Dec. 29.
- Keuffel & Esser Co. (See Campbell, Ben J., assignor.)
- Keuffel & Esser Company. (See Keuffel, Adolf W., assignor.)
- Keuffel & Esser Company. (See Keuffel, A. W., and Lippoth, assignors.)
- Keuffel & Esser Co. (See Neumayer, Eduard, assignor.)
- Keulers, Jakob, Hilden, assignor to Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Manufacture of thin-walled light containers. 2,062,910; Dec. 1.
- Kewanee Boiler Corporation. (See Bronson, Carlos E., assignor.)
- Key Company. (See Key, Frederick E., assignor.)
- Key, Frederick E., St. Louis, Mo., assignor to Key Company. Tube connecting device. 2,042,603; June 2.
- Keyes, Gordon F., assignor to The Mullins Manufacturing Corporation, Salem, Ohio. Freezing unit for refrigerators. 2,064,837; Dec. 22.
- Keyes, Harmon E., Miami, Ariz. Method of and apparatus for treating ores and similar materials. 2,036,578; Apr. 7.
- Keyes, Harmon E., Miami, Ariz. Fixing sulphur dioxide as sulphuric acid and ferric sulphate. 2,055,082; Sept. 22.
- Keyes, Robert E., Dedham, Mass., assignor to The Cooling & Air Conditioning Corporation, New York, N. Y. Air conditioning system employing refrigeration. 2,030,032; Feb. 4.
- Keys, Morris, Chicago, Ill. Lubricating pad. 2,044,248; June 16.
- Keys, William A., New York, N. Y. Necktie. 2,061,630; Nov. 24.
- Keyser, Johann J., Aarau, Switzerland. Driving mechanism for flier, spinning, and doubling frames, with spindles driven by gear wheels. 2,034,581; Mar. 17.
- Keysor, Harold C. (See Hedgcock, W. C., and Keysor.)



- Keyssner, Ernst. (See Reppe, W., and Keyssner.)
- Keystone Controls, Inc. (See Stedwell, George W., assignor.)
- Keystone Index Card Company. (See Thomas, Frederick, assignor.)
- Kharasch, Morris S., Chicago, Ill., assignor to Eli Lilly and Company, Indianapolis, Ind. Stabilized epinephrine-type compound, and stabilizing it. 2,047,144; July 7.
- Kharasch, Morris S., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Adding a hydrogen halide to a compound containing an olefinic linkage. 2,058,465; Oct. 27.
- Kharasch, Morris S., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Adding a hydrogen halide to a compound containing an olefinic linkage. 2,058,466; Oct. 27.
- Kharasch, Morris S., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Insecticidal compositions and processes using the same. 2,062,911; Dec. 1.
- Khuner, Ulrich. (See Karajan, W., and Khuner.)
- Kibbe, Susie, Oakland, Calif. Brassière. 2,063,104; Dec. 8.
- Kibler, Ray S., St. Louis, Mo. Continuously variable transmission. 2,050,185; Aug. 4.
- Kichline, Howard F., assignor to North American Cement Corporation, Catskill, N. Y. Cement mortar. 2,057,382; Oct. 13.
- Kidd, Alexander, Allwood, N. J., assignor to M. W. Kellogg Company, New York, N. Y. Welding tubular connectors. 2,040,140; May 12.
- Kidd, Alexander, Allwood, N. J., assignor to M. W. Kellogg Company, New York, N. Y. Welding tubular connectors. 2,050,339; Aug. 11.
- Kidd, Herbert A., assignor to The Mead Corporation, Chillicothe, Ohio. Paper machinery. 2,044,987; June 23.
- Kidd, Jerome F., assignor to U. N. C. Corporation, East St. Louis, Ill. Apparatus for cracking nuts. 2,065,376; Dec. 22.
- Kidd, Thomas J., Birmingham, Ala. Separator. 2,048,746; July 28.
- Kidde, Walter, & Company. (See Buchholz, Max, assignor.)
- Kidde, Walter, & Company. (See Grant, Harry C., Jr., assignor.)
- Kidde, Walter, & Company. (See Heigis, Henry E., assignor.)
- Kidde, Walter, & Company. (See Hill, Valentine J., Jr., assignor.)
- Kidde, Walter, & Company. (See Hill, V. J., Jr., Heigis, and Towart.)
- Kidde, Walter & Company. (See Mapes, Daniel, assignor.)
- Kidde, Walter & Company. (See Rothschild, Anton, assignor.)
- Kidder, William E., assignor to The Kalamazoo Sled Company, Kalamazoo, Mich. Sled. 2,037,076; Apr. 14.
- Kiech, Clarence F., assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Method and apparatus for treating emulsions. 2,061,197; Nov. 17.
- Kiecksee, Ernst, Leipzig, assignor, by mesne assignments to Meco-Brennkraft-Maschinen G. m. b. H., Frankfurt-on-the-Main, Germany. Ram. 2,031,535; Feb. 18.
- Kiefer, Joseph J. (See Danielsen, H. P., and Kiefer.)
- Kiefer, Karl, Machine Company, The. (See Rheinstrom, James A., assignor.)
- Kieffer, John E., Ewing, Ind. Indented shock absorbing cushioning or packing paper and method and apparatus for making same. 2,036,051; Mar. 31.
- Kieffer, John E., Ewing, Ind. Indented shock absorbing cushioning or packing paper. 2,042,470; June 2.
- Kieffer, Raymond J. (See Stahl, F. E., and Kieffer.)
- Kieffer, Walter M., Fleetwood, Pa. Clutch collar. 2,046,916; July 7.
- Kiefner, Leopold, Irvington, N. J. Spreading lock bolt. 2,057,648; Oct. 13.
- Kiehl, Leslie R. (See Bukove, Frank, assignor.)
- Kiehs, Eugenie, Lawrence, N. Y. Baby-garment or night-shirt with a safety device. 2,044,390; June 16.
- Kiekhaefer, Elmer C., assignor to Stearns Magnetic Manufacturing Company, Milwaukee, Wis. Automatic brake. 2,059,244; Nov. 3.
- Kiel, John B., Chicago, Ill. Sound reproducing apparatus. 2,066,041; Dec. 29.
- Kiel, John E., assignor to Audiotone Company, Chicago, Ill. Talking motion picture apparatus. 2,031,608; Feb. 25.
- Kielbasinski, Stanislaw, Warsaw, Poland. Purifying aminoarsinobenzenes. 2,042,259; May 26.
- Kieley & Mueller, Inc. (See Brisacher, Hugo, assignor.)
- Kielhorn, Richard. (See Gerth, F., and Kielhorn.)
- Kiellar, Stephen A., Wallington, N. J. Self-spacing individual composition shingle. 2,064,263; Dec. 15.
- Kielman, Otto, Waukegan, Ill. Fruit jar wrench. 2,048,269; June 30.
- Kiely, James, Amesbury, Mass. Vehicle door hinge and mounting therefor. 2,044,533; June 16.
- Klene, Louis H., Buffalo, N. Y. Internal combustion motor valve timing device. 2,033,140; Mar. 10.
- Kienle, Roy H., Schenectady, N. Y., assignor to General Electric Company. Preparing mixed esters. 2,065,331; Dec. 22.
- Kientz, Joseph C., Jr., Carnegie, assignor to Superior Steel Corporation, Pittsburgh, Pa. Annealing steel and the like. 2,045,392; June 23.
- Kientz, Joseph C., Jr., Carnegie, assignor to Superior Steel Corporation, Pittsburgh, Pa. Treatment of strip. 2,061,380; Nov. 17.
- Kiernan, Harry G., Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Amine salts of dyestuffs containing one or more acid groups and their production. 2,038,298; Apr. 21.
- Kiernan, Howard A., New York, N. Y. Cosmetic cream. 2,032,704; Mar. 3.
- Kierstead, Friend H., Pittsfield, Mass., assignor to General Electric Company. Protection of electric systems. 2,034,518; Mar. 17.
- Kiesel, Bernhard F., Detroit, Mich. Toy gun. 2,053,152; Sept. 1.
- Kiesel, John S., Williamsport, Pa. Gate valve. 2,031,372; Feb. 18.
- Kiesel, William F., Jr., Hollidaysburg, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Braking system. 2,065,377; Dec. 22.
- Kieser, Karl, Beuel-on-the-Rhine, Germany. Regeneration of photographic fixing baths. 2,053,525; Sept. 8.
- Kieser, Walter, Berlin, Germany, assignor to General Electric Company. Rotary pump, blower, or compressor and the like. 2,042,533; June 2.
- Kiesskalt, Siegfried, A. Funke, and K. Boedeker, Frankfurt-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing fine-grained precipitates. 2,059,116; Oct. 27.
- Kiff, Earl. (See Niven, H. A., and Kiff.)
- Kiff, Earl, Attleboro, Mass., assignor to L. G. Balfour Company. Finger ring. 2,065,811; Dec. 29.
- Kiffin, Frances B., Manhasset, N. Y. Head covering. 2,054,130; Sept. 15.
- Kilbourn, Ira C. (See Hammond, Charles A., assignor.)
- Kilburn, Karl, Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe bottom construction and making shoes and shoe bottom units. 2,055,542; Sept. 29.
- Kilburn, Karl, Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 2,056,323; Oct. 6.
- Kiley, Edward J., assignor to Hammond Brass Works, Hammond, Ind. Valve. 2,061,706; Nov. 24.
- Kilfitt, Heinz, Schwelm, Germany. Photographic camera. 2,044,434; June 16.
- Kilfitt, Heinz, Dusseldorf, assignor to Otto Berning & Co., Schwelm, Germany. Photographic camera. 2,040,018; May 5.
- Kilgore, George R., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Magnetostatic oscillator with internal oscillating circuit. 2,046,688; July 7.
- Kilgore, George R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Magneto-static oscillator. 2,064,012; Dec. 15.
- Kilgore Mfg. Company, The. (See Peake, Edward S., assignor.)
- Kilgore Mfg. Company, The. (See Richenbacher, Robert J., assignor.)
- Kilgour, Dwight F., Lexington, Mass. Combustion apparatus. 2,059,586; Nov. 3.
- Kille, Lindley A. (See Buchanan, R. B., and Kille.)
- Kille, Lindley A., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching device. 2,033,287; Mar. 10.
- Killefer, Manufacturing Corporation. (See Sjogren, O. W., Mitchell, Vaughn, and Skinn, assignors.)
- Killian, Thomas J., assignor to Luminous Tube Lighting Corporation, Seattle, Wash. Ionic discharge tube. 2,041,610; May 19.
- Killingstad, Ralph. (See Sweeley, E. A., and Killingstad.)
- Killman, Robert T. (See Killman, Thomas A. and R. T.)
- Killman, Thomas A. and R. T., Nashville, Tenn. Hydraulic shock absorber. 2,042,664; June 2.
- Killman, Thomas A. and R. T., Nashville, Tenn. Natural colored motion picture apparatus. 2,060,503; Nov. 10.
- Killman, Thomas A. and R. T., Nashville, Tenn. Colored motion-picture camera. 2,060,505; Nov. 10.
- Killoran, Joseph L. (See Elvin, W. J., and Killoran.)
- Kilpatrick, Howard M., New York, N. Y. Lawn or garden sprinkler. 2,032,369; Mar. 3.
- Kilpela, Ano E. (See Rauen, C. F., and Kilpela.)
- Kilstrom, Axel, Cranston, R. I., assignor to Henry Lederer & Bro., Inc. Lighter. 2,038,048; Apr. 21.
- Kimball, A., Company. (See Laencher, Frederick W., assignor.)
- Kimball, A., Company. (See Wallin, Gustaf A., assignor.)
- Kimball, Harold C., New York, N. Y. Last. 2,048,795; July 28.
- Kimball, James L., Danvers, assignor to Ruggles-Klingemann Mfg. Company, Salem, Mass. Throttle valve. 2,035,166; Mar. 24.
- Kimball, James L., Danvers, assignor to Ruggles-Klingemann Mfg. Co., Salem, Mass. Heat control. 2,059,362; Nov. 3.
- Kimball, Leo B., New Haven, Conn., assignor to Fuel Development Corporation. Obtaining the optimum position of ignition contacts in internal combustion engines. 2,029,874; Feb. 4.
- Kimball, Leo B., New Haven, Conn., assignor to Fuel Development Corporation. Valve for automatic control of antiknock liquids. 2,037,908; Apr. 21.



- Kimball, Linwood, Danvers, assignor to Ruggles-Klingemann Mfg. Co., Salem, Mass. Throttle valve. 2,059,363; Nov. 3.
- Kimball, Linwood, Danvers, assignor to Ruggles-Klingemann Mfg. Co., Salem, Mass. Throttle valve. 2,059,364; Nov. 3.
- Kimball, Richard L., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. System of control. 2,027,234; Jan. 7.
- Kimball, Thomas B. (See Gullette, W. S., and Kimball.)
- Kimball, Thomas B. (See Kaasa, O. G., and Kimball, assignors.)
- Kimball, Vernon R. (See Dirkes, R. F., and Kimball.)
- Kimball, Vernon R. (See Sortore, E. J., and Kimball.)
- Kimball, Wallace D., Jackson Heights, assignor to Standard-Knapp Corporation, Long Island City, N. Y. Can packing machine. 2,043,411; June 9.
- Kimball, Wallace D., Jackson Heights, C. I. Braren, Jamaica, and M. McFaul, Jackson Heights, assignors to Standard-Knapp Corporation, Long Island City, N. Y. Machine for packing articles in boxes. 2,047,272; July 14.
- Kimball, Wallace D., Jackson Heights, and C. I. Braren, Jamaica, N. Y., and G. P. Schaefer, Midland Park, N. J., assignors, by mesne assignments, to Standard-Knapp Corporation. Can boxing machine. 2,052,513; Aug. 25.
- Kimball, Wallace D., Jackson Heights, N. Y., E. T. McKaig, Oak Park, Ill., and C. I. Braren, Jamaica, assignors to Standard-Knapp Corporation, Long Island City, N. Y. Apparatus for packing articles in boxes. 2,053,435; Sept. 8.
- Kimball, William D., and L. J. Hedden, Barberton, and C. L. Arnold, Massillon, Ohio. Self-propelled vehicle. 2,053,835; Sept. 8.
- Kimbell, Arthur W., Newton Center, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Antinnoise structure. 2,055,444; Sept. 22.
- Kimbell, Arthur W., Newton Center, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener secured installations and fasteners for the same. 2,061,467; Nov. 17.
- Kimbirl, Avery C., assignor to The Terrell Machine Company, Charlotte, N. C. Weft-end clearing and bobbin stripping mechanism for filling replenishing looms. 2,057,619; Oct. 13.
- Kimbirl, Julius E., assignor to The Terrell Machine Company, Charlotte, N. C. Valve operating mechanism. 2,050,972; Aug. 11.
- Kimbirl, Julius E., assignor to The Terrell Machine Company, Charlotte, N. C. Bobbin cleaner. 2,062,225; Nov. 24.
- Kimble, Austin, assignor to O. A. Kimble, Inc., Canoga Park, Calif. Ventilated pulley. 2,057,435; Oct. 13.
- Kimble Glass Company. (See Meyer, Felix, assignor.)
- Kimble, Original A., Inc. (See Kimble, Austin, assignor.)
- Kimbrough, Allan M., deceased, late of Norfolk, by Carrie B. Kimbrough, administratrix, Richmond, Va. Portable seat. 2,056,925; Oct. 6.
- Kimbrough, Carrie B., administratrix. (See Kimbrough, Allan M.)
- Kimmel, C. R. (See Hatch, Theron E., assignor.)
- Kimmell, Edward G. (See High, I. M., and Kimmell.)
- Kimmelman & Lane Holding Co. (See Lane, Donald B., assignor.)
- Kimpton, William H. (See Roberts, R. P., Kimpton, and Dingley.)
- Kimsel, Paul, assignor of one-half to C. Winter, Chicago, Ill. Making reproductions. 2,065,316; Dec. 22.
- Kinahan, John C. (See Sobatzki, R. J., and Kinahan.)
- Kinatome Patents Corporation. (See Bundick, C. U., and Berglund, assignors.)
- Kinatome Patents Corporation. (See Ford, George W., assignor.)
- Kinatome Patents Corporation. (See Foster, Warren D., assignor.)
- Kinatome Patents Corporation. (See Foster, W. D., and Sweet, assignors.)
- Kinatome Patents Corporation. (See Oswald, C. L., and Foster, assignors.)
- Kinatome Patents Corporation. (See Proctor, Barton A., assignor.)
- Kinatome Patents Corporation. (See Sweet, F. D., and Foster, assignors.)
- Kincaid, Volney C. (See Gill, W. L., and Kincaid.)
- Kindberg, Frank, Detroit, Mich. Electric conduit. 2,062,752; Dec. 1.
- Kindelberger, James H., Los Angeles, and A. E. Raymond, Santa Monica, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Passenger chair for airplanes. 2,036,520; Apr. 7.
- Kindelberger, James H., Los Angeles, and A. E. Raymond, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Airplane having unique retractable landing device. 2,049,066; July 28.
- Kindermann, Hermann, Koniginhof, Czechoslovakia. Apparatus for the production of etched copper printing cylinders. 2,049,012; July 28.
- Kindervater, Julius, Richmond, Va., assignor to American Locomotive Company, New York, N. Y. Thermostatic valve. 2,060,994; Nov. 17.
- Kindl, Carl H. (See Aseltine, F. E., Kindl, and Teeter.)
- Kindl, Carl H., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Shock absorber. 2,046,689; July 7.
- Kindl, Carl H., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorber. 2,050,953; Aug. 11.
- Kindl, Carl H., and C. S. McCann, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Shock absorber. 2,046,690; July 7.
- Kiner, Glenn, Park Ridge, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system. 2,054,702; Sept. 15.
- Kinetic Chemicals, Inc. (See Daudt, H. W., and Youker, assignors.)
- Kinetic Chemicals, Inc. (See Holt, L. C., Youker, and Laird, assignors.)
- King, Allan S. (See Trobridge, G. W., Murphy, and King.)
- King, Archibald M., Chicago, Ill. Lifting device for aircraft. 2,034,761; Mar. 24.
- King, Arthur E. (See Anderson, F. H., and King.)
- King, Bert W., Detroit, Mich. Scale. 2,051,487; Aug. 18.
- King, Cecil B. R., Talawakelle, Ceylon. Spraying device. 2,051,382; Aug. 18.
- King, Cecil C., Millville, N. J. Pitching control practice device. 2,059,365; Nov. 3.
- King, Charles J., assignor to Perfection Steel Body Company, Galion, Ohio. Burial vault locking mechanism. 2,038,794; Apr. 28.
- King, Clark C., assignor to Jos. J. Kovar Co., Inc., Owatonna, Minn. Harrow. 2,036,052; Mar. 31.
- King, Clifford G., Barrington, R. I. Multiple ring bracelet. 2,031,110; Feb. 18.
- King, Clifford G., Providence, R. I. Handbag. 2,040,141; May 12.
- King Company, The. (See Eisenmann, Frederick T., assignor.)
- King, Cyril J., Flushing, assignor to General Regulator Corporation, New York, N. Y. Fluid operated regulating machine. 2,053,797; Sept. 8.
- King, Daniel P., Goodwood, Australia. Carburetor. 2,043,801; June 9.
- King, Don W., Jackson, Mich., assignor to Johnson Motor Company, Waukegan, Ill. Ignition spark advance. 2,050,340; Aug. 11.
- King, Edward F., Cranston, R. I. Cloth board. 2,028,396; Jan. 21.
- King, Edward S., Chicago, Ill. Projector slide. 2,042,604; June 2.
- King, Edwin C. F., Brentford-Middlesex, England, assignor to Pyrene Manufacturing Company, Newark, N. J. Production of protective coating on aluminum and non-cuprous alloys thereof. 2,066,180; Dec. 29.
- King, Edwin C. F., Brentford-Middlesex, England, assignor to Pyrene Manufacturing Company, Newark, N. J. Production of protective coating on aluminum and non-cuprous alloys thereof. 2,066,181; Dec. 29.
- King, Elizabeth C. (See King, Robert J. and E. C.)
- King, Elmore L., New York, N. Y. Advertising device. 2,061,309; Nov. 17.
- King, Everett W., Norwalk, Conn., assignor to The Lorsch-Schlag Co., Inc., Rochester, N. Y. Merchandise container. 2,031,893; Feb. 25.
- King, F. E. (See Jones, David, assignor.)
- King, Frank A., Los Angeles, Calif. Propeller mounting mechanism. 2,027,439; Jan. 14.
- King, Frank A., Los Angeles, Calif. Fishing reel. 2,054,823; Sept. 22.
- King, Frank A., Los Angeles, Calif. Internal combustion engine. 2,060,221; Nov. 10.
- King, Frank G. W., Sutton Coldfield, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Pneumatic tire cover. 2,063,105; Dec. 8.
- King, George, assignor of one-half to Albright & Wilson Limited, Oldbury, near Birmingham, England. Electric heating device. 2,035,707; Mar. 31.
- King, George D. (See Roos, C. K., and King.)
- King, George E. (See Beach, C. E., Weld, and King.)
- King, George L., St. Paul, Minn. Shotgun sight attachment. 2,056,469; Oct. 6.
- King, George S., South Orange, assignor to Johnson & Johnson, New Brunswick, N. J. Disposable diaper. 2,062,978; Dec. 1.
- King, Gerald V., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,038,222; Apr. 21.
- King, Harold D. (See Bohn, S., and King.)
- King, James F., Cranston, R. I. Making pipe coupling parts. 2,027,176; Jan. 7.
- King, Jesse G., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,031,536; Feb. 18.
- King, Jesse G., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,047,326; July 14.
- King, Jesse G., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,052,407; Aug. 25.
- King, Jesse G., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,054,328; Sept. 15.
- King, Jesse G., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,055,499; Sept. 29.
- King, Jesse G., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,061,426; Nov. 17.



- King, Jesse G., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,061,427; Nov. 17.
- King, John A. C., Lansdowne, Pa. Signal indicator for railroad vehicles. 2,027,985; Jan. 14.
- King, John M., Dover, N. J. Container closure. 2,036,278; Apr. 7.
- King, John M., Dover, N. J. Auxiliary parachute. 2,036,279; Apr. 7.
- King, John M., Dover, N. J. Guard for flare suspension means. 2,045,605; June 30.
- King, Martin D., III. (See Bragunier, Clarence A., assignor.)
- King, Ralph E., Fort Wayne, Ind., assignor to General Electric Company. Refrigerating machine. 2,036,812; Apr. 7.
- King, Reginald W., Boston, Mass. Plug fuse. 2,041,000; May 19.
- King, Reginald W., Boston, Mass. Roll paper dispenser. 2,062,418; Dec. 1.
- King, Reginald W., and W. R. Leslie, Boston, Mass. Ash tray container. 2,049,067; July 28.
- King, Robert J. and E. C., assignors to The Robert J. King Company, Inc., Stamford, Conn. Rubbert cement. 2,042,063; May 26.
- King, Robert J., Company, The. (See King, Robert J. and E. C., assignors.)
- King, Thomas C. (See Hogg, W. C., King, and Rumford, assignors.)
- King, Thomas J., Oak Park, and F. R. Zimmerman, assignors to The Gerrard Company, Inc., Chicago, Ill. Machine for assembling cushion spring units. 2,059,117; Oct. 27.
- Kingdon, Ralph H., Maywood, assignor to Sears, Roebuck and Co., Chicago, Ill. Rubbing device. 2,029,426; Feb. 4.
- Kingman, Russell B., Orange, assignor to Metal Textile Corporation, West Orange, N. J. Scouring implement. 2,026,638; Jan. 7.
- Kingman, Russell B., Orange, N. J., assignor, by mesne assignments, to Camel Pen Company. Soluble ink fountain pen. 2,030,452; Feb. 11.
- Kingman, Russell B., and R. L. Hartwell, Orange, N. J., said Hartwell assignor to said Kingman. Soluble ink fountain pen. 2,061,405; Nov. 17.
- Kingsbury, Edward J., Keene, N. H. Feed mechanism for machine tool units. 2,030,007; Feb. 4.
- Kingsbury, Edward J., Keene, N. H. Belt drive. 2,046,917; July 7.
- Kingsbury, Edward J., Keene, N. H. Composite machine tool for multiple operations. 2,051,720; Aug. 18.
- Kingsbury, Edward J., Keene, N. H. Machine tool unit with double feeding system. 2,053,398; Sept. 8.
- Kingsbury, Edward J., Keene, N. H. Mechanism for intermittent and progressive drill feeding. 2,053,399; Sept. 8.
- Kingsbury, Edward J., Keene, N. H. Machine tool. 2,053,400; Sept. 8.
- Kingsbury, Franklin L. (See Washburn, W. F., and Kingsbury.)
- Kingsbury, Fred B., assignor to The Whitney Blake Company, Hamden, Conn. Electric connector plug. 2,043,666; June 9.
- Kingsbury, George P., Hollis, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,035,076; Mar. 24.
- Kingsbury, George P., Hollis, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,035,077; Mar. 24.
- Kingsbury, George P., Hollis, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,035,078; Mar. 24.
- Kingsbury, George P., Hollis, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,043,755; June 9.
- Kingsbury, Harry T., Keene, N. H. Sounding wheeled toy. 2,045,032; June 23.
- Kingsbury, Harry T., assignor to Kingsbury Mfg. Company, Keene, N. H. Battery light. 2,027,912; Jan. 14.
- Kingsbury, Harry T., assignor to Kingsbury Mfg. Company, Keene, N. H. Spring scale. 2,036,635; Apr. 7.
- Kingsbury, Harry T., assignor to Kingsbury Mfg. Company, Keene, N. H. Postal scale. 2,036,636; Apr. 7.
- Kingsbury, Harry T., assignor to Kingsbury Mfg. Company, Keene, N. H. Postal scale. 2,036,637; Apr. 7.
- Kingsbury, Kenneth K., Kansas City, Mo. Arch support. 2,053,910; Sept. 8.
- Kingsbury Machine Works, Inc. (See Howarth, Harry A. S., assignor.)
- Kingsbury Mfg. Company. (See Kingsbury, Harry T., assignor.)
- Kingsbury, Rosa B., executrix. (See Girod, Edgar F., assignor.)
- Kingsland, George D., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system and apparatus. 2,055,033; Sept. 22.
- Kingsley, Albert, Montreal, Quebec, Canada. Flow control device. 2,054,632; Sept. 15.
- Kingsley, Donald G. (See Oftedal, P. R., Kingsley, and Congreve.)
- Kingsley, Lewis A., Los Angeles, Calif. Stamping machine. 2,047,373; July 14.
- Kingsley, Ray, Syracuse, N. Y. Strip clip. 2,033,905; Mar. 10.
- Kingston, Neil A. (See Moore, F. V., and Johnson, assignors.)
- Kingston Products Corporation. (See Beal, Fay, assignor.)
- Kingston, Walter E., Lynn, Mass., assignor to Hygrade Sylvania Corporation, Salem, Mass. Heat treating furnace. 2,061,910; Nov. 24.
- Kinison, Jesse M., Coal Fork, W. Va. Safety scotch hook. 2,026,982; Jan. 7.
- Kinkade, James G., Pasadena, Calif. Fountain tooth brush. 2,033,197; Mar. 10.
- Kinkead, Fullerton S., Ridgefield Park, N. J., and G. A. Locke, Glenwood Landing, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph repeating system. 2,056,277; Oct. 6.
- Kinkead, Robert E. (See David, Bruce W., assignor.)
- Kinkead, Robert S., St. Paul, Minn. Mower. 2,063,168; Dec. 8.
- Kinkenon, Frank R., assignor to Bakeries Service Corporation, New York, N. Y. Article container. 2,033,526; Mar. 10.
- Kinker, Clarence C., Alton, Ill., assignor to Owens-Illinois Glass Company. Revolving pot. 2,044,616; June 16.
- Kinker, Clarence C., Alton, Ill., assignor to Owens-Illinois Glass Company. Cover for molten glass containers. 2,061,661; Nov. 24.
- Kinker, John C., Jr., South Richmond, Va., assignor to American Machine & Foundry Company. Stemming machine construction. 2,039,085; Apr. 28.
- Kinkhorst, Hendrik, Utrecht, assignor to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands. Synchronous clock comprising a striking mechanism. 2,052,832; Sept. 1.
- Kinn, Gabriel. (See McFarlane, M. D., and Kinn.)
- Kinn, Theodore P., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Crystal control circuit. 2,064,013; Dec. 15.
- Kinnaird, William R., assignor to Universal Oil Products Company, Chicago, Ill. Valve. 2,029,105; Jan. 28.
- Kinnaird, William R., assignor to Universal Oil Products Company, Chicago, Ill. Valve. 2,029,777; Feb. 4.
- Kinnard, James A., Detroit, Mich. Thermostatic valve. 2,065,812; Dec. 29.
- Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Reforming knuckles. 2,039,086; Apr. 28.
- Kinnear Mfg. Company, The. (See McCloud, Edward H., assignor.)
- Kinnear Manufacturing Company, The. (See Rush, Albert, assignor.)
- Kinney, Fay D., Southbridge, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and apparatus for operating on the sole edges of rubber-soled shoes. 2,029,533; Feb. 4.
- Kinney, James A., Lebanon, Pa., assignor to Bethlehem Steel Company. Sucker rod coupling. 2,049,265; July 28.
- Kinney, Justus R., Boston, Mass. Broom. 2,029,486; Feb. 4.
- Kinney, Le Baron W., Jr., assignor to The White Motor Company, Cleveland, Ohio. Liquid measuring apparatus. 2,057,034; Oct. 13.
- Kinniburgh, James. (See Johnson, Chester W., assignor.)
- Kinnucan, James W., and J. O. Fink, assignors to Continental Motors Corporation, Detroit, Mich. Engine. 2,030,213; Feb. 11.
- Kinross, Rupert I., London, assignor to Electric & Musical Industries, Ltd., Hayes, Middlesex, England. Superheterodyne receiver. 2,027,986; Jan. 14.
- Kinsell, William D. (See Keating, W. A., and Kinsell.)
- Kinsella, Edward, Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of artificial filaments and similar materials. 2,045,326; June 23.
- Kinsella, Edward, and R. J. Ward, Spondon, near Derby, England, assignors to Celanese Corporation of America. Extrusion apparatus. 2,026,740; Jan. 7.
- Kinsella, Edward, and R. H. J. Riley, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of artificial materials. 2,030,212; Feb. 11.
- Kinsella, Edward, J. G. Pratt, and B. Kelsall, Spondon, near Derby, England, assignors to Celanese Corporation of America. Knitting mechanism. 2,036,874; Apr. 7.
- Kinsella, Edward, J. G. Pratt, and B. Kelsall, Spondon, near Derby, England, assignors to Celanese Corporation of America. Knitting mechanism. 2,037,798; Apr. 21.
- Kinsella, Edward, and C. W. Addy, Spondon, near Derby, England, assignors to Celanese Corporation of America. Balancing means for spinning machines. 2,064,920; Dec. 22.
- Kinsella, Edward, and C. W. Addy, Spondon, near Derby, England, assignors to Celanese Corporation of America. Spindle of cap-spinning machines. 2,064,921; Dec. 22.
- Kinsella, Edward, and C. W. Addy, Spondon, near Derby, England, assignors to Celanese Corporation of America. Lifter apparatus for spinning machines. 2,064,922; Dec. 22.
- Kinsella, Edward, and C. W. Addy, Spondon, near Derby, England, assignors to Celanese Corporation of America. Lifter motion of spinning machines. 2,064,923; Dec. 22.
- Kinsella, Edward, and C. W. Addy, Spondon, near Derby, England, assignors to Celanese Corporation of America. Lifter motion of spinning apparatus. 2,064,924; Dec. 22.
- Kinsley, Lewis, W. C. Kinsley, and N. B. Chaveas, Philadelphia, Pa. Container. 2,032,880; Mar. 3.



- Kinsley, William C. (See Kinsley, Lewis and W. C., and Chaveas.)
- Kinsman, Gordon, assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Oil burner lighting means. 2,052,514; Aug. 25.
- Kintz, Earl E., Bucyrus, Ohio. Shield. 2,026,741; Jan. 7.
- Kinzbach, Frank, Houston, Tex. Milling cutter. 2,039,427; May 5.
- Kinzel, Augustus B., Douglaston, N. Y., assignor to Electro Metallurgical Company. Treating steel making slags. 2,027,868; Jan. 14.
- Kinzel, Augustus B., Douglaston, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Melting and refining metals. 2,039,087; Apr. 28.
- Kinzel, Augustus B., Beechhurst, Long Island, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Portable testing machine. 2,030,640; Feb. 11.
- Kinzel, Augustus B., Beechhurst, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Tool. 2,055,769; Sept. 29.
- Kinzel, Augustus B., Flushing, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Apparatus for use at low temperatures. 2,042,426; May 26.
- Kinzel, Augustus B., Flushing, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Apparatus for use at low temperatures. 2,042,427; May 26.
- Kinzel, Augustus B., Flushing, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Producing gases. 2,042,665; June 2.
- Kinzel, Augustus B., Douglaston, and W. Crafts, Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Machine element. 2,046,168; June 30.
- Kinzey, Albert F., Cuyahoga Falls, Ohio. Cushion wheel. 2,065,823; Sept. 29.
- Kinzie, Charles J., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Producing zirconium silicate. 2,036,220; Apr. 7.
- Kinzie, Charles J., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Purifying zirconium silicates. 2,036,221; Apr. 7.
- Kinzie, Charles J., Niagara Falls, N. Y., assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Metallurgical scavenger and making same. 2,044,908; June 23.
- Kinzie, Charles J., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Composition and method of setting up vitreous enamel slips. 2,057,958; Oct. 20.
- Kinzie, Charles J., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Vitreous enamel and making same. 2,063,252; Dec. 8.
- Kinzie, Charles J., and D. S. Hake, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Titanium compound and methods of making. 2,040,854; May 19.
- Kinzie, Phillip A., assignor to Universal Hydraulic Corporation, Denver, Colo. Valve control mechanism. 2,045,232; June 23.
- Kinzie, Phillip A., assignor to Universal Hydraulic Corporation, Denver, Colo. Valve. 2,054,258; Sept. 15.
- Kinzie, Phillip A., assignor to Universal Hydraulic Corporation, Denver, Colo. Rotor valve. 2,054,259; Sept. 15.
- Kinzie, Phillip A., Denver, Colo., assignor to Universal Hydraulic Corporation, Denver, Colo. Torque mechanism. 2,059,366; Nov. 3.
- Kinzie, Phillip A., J. L. Savage, and L. E. France, assignors to Universal Hydraulic Corporation, Denver, Colo. Hydraulic rotor operated butterfly valve. 2,053,668; Sept. 8.
- Kinzler, Edward F., Pittsburgh, Pa. Etching apparatus. 2,036,232; Apr. 7.
- Kip, Frederic E., Montclair, N. J. Roasting apparatus. 2,047,565; July 14.
- Kip, Frederic E., Montclair, N. J. Sign. 2,062,094; Nov. 24.
- Kipper, Allen F., Glendale, and L. B. Tuckerman, Los Angeles, Calif., assignors to Continental Fire-Proof Iron Corp. Self-lifting sadiron. 2,062,665; Dec. 1.
- Kipphan, Karl, Dessau, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Retouching photographic films or plates. 2,026,899; Jan. 7.
- Kirangelos, George N., New York, N. Y. Knife. 2,051,721; Aug. 18.
- Kirby, Charles H., assignor to Marvel Carburetor Company, Flint, Mich. Carburetor. 2,026,788; Jan. 7.
- Kirby, George W. (See Schultz, A. S., Kirby, and Frey.)
- Kirby, George W., New York, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Manufacture of yeast. 2,029,572; Feb. 4.
- Kirby, George W., Bronx, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Preparation of a yeast product. 2,065,332; Dec. 22.
- Kirby, Harry C., Sunbury, Ohio. Pneumatic horse collar. 2,062,063; Nov. 24.
- Kirby, James B., West Richfield, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio, as trustee. Clothes washing machine. 2,046,901; July 7.
- Kirby, James B., West Richfield, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Ironing machine. 2,051,449; Aug. 18.
- Kirby, James B., West Richfield, assignor to Industrial Improvements Incorporated, Cleveland, Ohio. Pneumatic cleaner. 2,053,563; Sept. 8.
- Kirby, James E. (See Carothers, W. H., Collins, and Kirby.)
- Kirby, Julian N., and R. G. Gille, St. Paul, Minn.; said Gille, assignor to said Kirby. Wood carving machine. 2,046,563; July 7.
- Kirby, Matthew R., Wentbridge, Ponterfract, England, assignor of one-half to A. Stewart, Teddington, England. Cement, grout, or concrete placer. 2,033,338; Mar. 10.
- Kirch, Ernst, Berlin-Oberschoneweide, Germany, assignor to General Electric Company. Oil filled high voltage cable. 2,050,888; Aug. 11.
- Kirchen Bros., Inc. (See Burton, Robert N., assignor.)
- Kircher, Carl, and F. Mueller, Ludwigshafen-on-the-Rhine, and H. Suessenguth, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Working up of natural and industrial salt mixtures. 2,029,623; Feb. 4.
- Kircher, Carl, and K. O. Schmitt, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of mixed fertilizer. 2,036,701; Apr. 7.
- Kircher, Paul. (See Echenbacher, H., and Kirchner.)
- Kirchner, Carl O., assignor to Leggett and Platt Spring Bed and Manufacturing Company, Carthage, Mo. Supporting bed springs. 2,060,675; Nov. 10.
- Kirchner, Henry P. (See Jackson, R. H., and Kirchner.)
- Kircher, Paul J., assignor to The Jacobs Bros. Co. Inc., Brooklyn, N. Y. Scale. 2,061,278; Nov. 17.
- Kircher, Ralph N., assignor to West Bend Aluminum Co., West Bend, Wis. Electric teakettle. 2,027,537; Jan. 14.
- Kircher, Ralph N., assignor to West Bend Aluminum Company, West Bend, Wis. Attaching pouring spouts to vessels. 2,034,438; Mar. 17.
- Kirchhofer, August, Nashville, Tenn., and W. A. Kline, Columbus, Ga. Boiler blow-off apparatus. 2,063,007; Dec. 1.
- Kirchoff, William G., assignor to The J. H. Day Company, Cincinnati, Ohio. Dough mixer. 2,064,753; Dec. 15.
- Kirchner, Henry P. (See Benner, R. C., Kirchner, and Melton.)
- Kirchner, Henry P. (See Benner, R. C., Melton, and Kirchner.)
- Kirk, Arthur E., assignor to The National Dry Kiln Company, Indianapolis, Ind. Apparatus for drying lumber. 2,050,226; Aug. 4.
- Kirgan, John. (See Hibberd, F. H., Woodard, and Kirgan.)
- Kirgan, John. (See Woodard, G. H., and Kirgan.)
- Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Refrigerating system. 2,029,106; Jan. 28.
- Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Safety device for refrigerating systems. 2,055,543; Sept. 29.
- Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Vacuum refrigerating unit. 2,065,187; Dec. 22.
- Kirik, Ted, New York, N. Y. Tie rack. 2,033,430; Mar. 10.
- Kirk & Blum Manufacturing Company, The. (See Hulton, Charles S., assignor.)
- Kirk, Claude R. (See Collison, E. E., and Kirk.)
- Kirk, Claude R., and E. E. Collison, assignors to Standard Ticket Games Corporation, Chicago, Ill. Game apparatus. 2,044,309; June 16.
- Kirk, Claude R., and E. E. Collison, assignors, by mesne assignments, to Exhibit Supply Company, Chicago, Ill. Game apparatus. 2,054,983; Sept. 22.
- Kirk, Ernest W. (See Ellis, G. H., and Kirk.)
- Kirk, Ernest W. (See Ellis, G. H., Olpin, and Kirk.)
- Kirk, Ernest W., and G. H. Ellis, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile materials. 2,035,483; Mar. 31.
- Kirk, Ernest W., and G. H. Ellis, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile materials. 2,048,796; July 28.
- Kirk, Geo. E. (See Lewellyn, John A., assignor.)
- Kirk, Martin J., Chicago, and J. C. McGinley, Hinsdale, assignors to Johnson Laboratories, Inc., Chicago, Ill. Adjusting means for intermediate-frequency transformers. 2,032,580; Mar. 3.
- Kirk, Ralph L., Bellevue, assignor to Railway and Industrial Engineering Company, South Greensburg, Pa. Safety interlock for electrical and mechanical equipment and systems. 2,065,859; Dec. 29.
- Kirkegaard, Einar L., Detroit, Mich., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulator. 2,059,797; Nov. 3.
- Kirkland, Emmett. (See Demery, H. P., and Kirkland.)
- Kirkman, Doris J., et al. (See Havens, Charles M., assignor.)
- Kirkpatrick, William J., and F. G. Whittington, Garden City, N. Y., assignors, by mesne assignments, to Scovill Manufacturing Company, Waterbury, Conn. Tire valve. 2,043,380; June 9.



- Kirkwood, Arthur M., Portland, Oreg. Log debarking cutter head. 2,034,908; Mar. 24.
- Kirkwood, Loren R., Merchantville, N. J., assignor to Radio Corporation of America. Antenna coupling system. 2,038,938; Apr. 28.
- Kirkwood, Loren R., Merchantville, N. J., assignor to Radio Corporation of America. Volume control circuit. 2,050,437; Aug. 11.
- Kirley, Arthur A., New York, N. Y. Bolt. 2,026,686; Jan. 7.
- Kirley, Arthur A., New York, N. Y. Expansion rivet. 2,065,333; Dec. 22.
- Kirsch, Benjamin, assignor to Auto Radiator Manufacturing Co., Chicago, Ill. Radiator shell. 2,047,637; July 14.
- Kirsch Company. (See Kirsch, Guy W., assignor.)
- Kirsch, Guy W., assignor to Kirsch Company, Sturgis, Mich. Slat for venetian blinds. 2,033,834; Mar. 10.
- Kirsch, Guy W., assignor to Kirsch Company, Sturgis, Mich. Support for venetian blinds. 2,039,538; May 5.
- Kirsch, Guy W., assignor to Kirsch Company, Sturgis, Mich. Traverse curtain rod. 2,062,579; Dec. 1.
- Kirschbraun, Lester, New York, N. Y., assignor, by mesne assignments, to The Patent and Licensing Corporation, Boston, Mass. Apparatus for making roofing. 2,041,419; May 19.
- Kirschbraun, Lester, assignor to The Patent and Licensing Corporation, New York, N. Y. Bituminous emulsions. 2,061,076; Nov. 17.
- Kirschbraun, Lester, Leonia, N. J., assignor to The Patent and Licensing Corporation, Boston, Mass. Making shingle strips. 2,043,545; June 9.
- Kirschbraun, Lester, Leonia, N. J., assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Producing bituminous road mixtures. 2,046,902; July 7.
- Kirschbraun, Lester, Leonia, N. J., assignor to The Patent and Licensing Corporation, Boston, Mass. Apparatus for treating shingles and shingle elements. 2,053,723; Sept. 8.
- Kirschbraun, Lester, Leonia, N. J., assignor to The Patent and Licensing Corporation, Boston, Mass. Siding material. 2,063,935; Dec. 15.
- Kirschmann, Leopold, Berlin-Halensee, Germany. Adjustable and clampable stand for electric lamps and for displaying articles. 2,041,474; May 19.
- Kirschner, Henry J., and W. D. Gove, assignors to General Motors Corporation, Detroit, Mich. Ratio control for transmission mechanism. 2,057,151; Oct. 13.
- Kirschner, Louis, Philadelphia, Pa. Drain trap valve. 2,049,909; Aug. 4.
- Kirsebom, Gustaf N., Oslo Norway, assignor to Calloy Limited, London, England. Production of alloys of the alkaline earth metals with lead or other metals. 2,031,486; Feb. 18.
- Kirsebom, Gustaf N., Oslo, Norway, assignor to Calloy Limited, London, England. Production of alloys of the alkaline earth metals with cadmium. 2,031,487; Feb. 18.
- Kirsebom, Gustaf N., Oslo, Norway, assignor to Calloy Limited, London, England. Reduction of silicates other than alkaline earth metal silicates and the production of alloys of aluminium. 2,054,427; Sept. 15.
- Kirst, William E., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pelleted blasting powder. 2,062,666; Dec. 1.
- Kirst, William E., Woodbury, N. J., and C. A. Woodbury, Media, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive. 2,033,198; Mar. 10.
- Kirstahler, Alfred. (See Elbel, E., and Kirstahler.)
- Kirstein, Jacob, assignor to Bunting Glider Company, Philadelphia, Pa. Spring construction. 2,040,656; May 12.
- Kirsten, Kurt F. J., Seattle, Wash., assignor to Kirsten Lighting Corporation. Low voltage gas arc lamp. 2,028,548; Jan. 21.
- Kirsten, Kurt F. J., Seattle, Wash., assignor to Kirsten Lighting Corporation. Low voltage gas arc lamp. 2,038,049; Apr. 21.
- Kirsten, Kurt F. J., and H. M. Heuver, Seattle, Wash. Propeller for aircraft. 2,045,233; June 23.
- Kirsten Lighting Corporation. (See Kirsten, Kurt F. J., assignor.)
- Kirton, Thomas A., Jacksonville, Fla. License tag. 2,030,702; Feb. 11.
- Kirwin, Charles A., assignor to W. D. Pierson, Crystal Lake, Ill. Dough former. 2,032,420; Mar. 3.
- Kisevalter, George G., New York, N. Y. Wind motor. 2,044,794; June 23.
- Kish, Charles. (See Peremi, E., and Kish.)
- Kislyn Corporation. (See Berthon, Rodolphe, assignor.)
- Kispert, Joseph J., Hamden, assignor to I. Newman & Sons, Inc., New Haven, Conn. Clasp and hook stay. 2,029,875; Feb. 4.
- Kispert, Joseph J., Hamden, assignor to I. Newman & Sons, Inc., New Haven, Conn. Corset. 2,032,216; Feb. 25.
- Kispert, Joseph J., Hamden, assignor to I. Newman & Sons, Inc., New Haven, Conn. Corset. 2,055,355; Sept. 22.
- Kiss, Fritz, Berlin-Dahlem, assignor to Electricitätsgesellschaft "Sanitas", G. m. b. H., Berlin, Germany. Hair waving apparatus. 2,052,352; Aug. 25.
- Kiss, Fritz, Berlin-Dahlem, assignor to Electricitätsgesellschaft "Sanitas", G. m. b. H., Berlin, Germany. Hair waving apparatus. 2,052,353; Aug. 25.
- Kiss, Stephen A., Brooklyn, N. Y., assignor to Standard-I. G. Company. Destructive hydrogenation. 2,031,961; Feb. 25.
- Kissinger, George B., Takoma Park, Md. End closure for tile blocks. 2,045,033; June 23.
- Kistemacher, Otto H., Oklahoma City, Okla. Foot for chair legs. 2,052,715; Sept. 1.
- Kister, Harry, assignor of one-half to W. H. Eden, Philadelphia, Pa. Toy vehicle. 2,040,005; May 5.
- Kistner, Nikolaus. (See Kasper, L., Sr., and Kistner.)
- Kitamura, Zenkuro, Vancouver, British Columbia, Canada. Steam cooking and hot water heating system. 2,034,473; Mar. 17.
- Kitchen Art Foods, Inc. (See Lorenzen, Heinz G., assignor.)
- Kitchen Art Foods, Inc. (See McKinney, W. A., and Lorenzen, assignors.)
- Kitchen, John G. A., Bowness-on-Windermere, England. Endless traveler band, track, and the like. 2,055,932; Sept. 29.
- Kitching, Roy E., Pasadena, Calif. Pneumatic well drill. 2,033,527; Mar. 10.
- Kitching, Roy E., Pasadena, Calif. Drill stem. 2,054,859; Sept. 22.
- Kitley, Thomas E., Little Rock, Ark. Engine starting mechanism. 2,035,708; Mar. 31.
- Kitroser, Isaac, Viroflay, France, assignor to Société Bronzavia, Paris, France. Telemeter. 2,053,196; Sept. 1.
- Kitselman, Alva L., assignor to Indiana Steel & Wire Company, Muncie, Ind. Wire netting loom. 2,048,341; July 21.
- Kitselman, Harry L., assignor to Indiana Steel & Wire Company, Muncie, Ind. Wire netting loom. 2,053,221; Sept. 1.
- Kittel, John J., St. Albans, N. Y. Constant tension web control. 2,033,578; Mar. 10.
- Kittle, Charles R., Elsinore, and J. R. Kittle, Van Nuys, Calif. Brake for motor vehicles. 2,051,088; Aug. 18.
- Kittle, Harry E., assignor of one-half to L. M. Fowler, St. Johnsville, N. Y. Can opener. 2,059,367; Nov. 3.
- Kittle, James R. (See Kittle, Charles R., and J. R.)
- Kittle, Russell L. (See Ruys, J. D., and Kittle.)
- Kittler, Milton J., assignor to M. E. Chandler, Detroit, Mich. Carburetor valve. 2,038,223; Apr. 21.
- Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,046,636; July 7.
- Kittredge, Harvey G., and A. J. Turner, assignors to The Kay and Ess Chemical Corp., Dayton, Ohio. Air drying imitation leather finish. 2,037,331; Apr. 14.
- Kitzmiller, William R., assignor to Frick Company, Waynesboro, Pa. Refrigerant liquid return system. 2,032,286; Feb. 25.
- Kitzmiller, William R., assignor to Frick Company, Waynesboro, Pa. Refrigerant feed control. 2,032,287; Feb. 25.
- Kivlin, Alfred P., North Attleboro, Mass., assignor to H. J. Forster, as trustee for Association of American Railroads. Anchor member for load bracings. 2,051,381; Aug. 18.
- Kiwad, Isidore, Brooklyn, N. Y. Hat forming machine. 2,065,077; Dec. 22.
- Kizer, Howard W., South Orange, N. J., assignor to The Texas Company, New York, N. Y. Streamlined automotive vehicle. 2,048,454; July 21.
- Kjaer, Viggo A., Copenhagen, Denmark. Device for reducing torsional vibrations in shafts. 2,028,459; Jan. 21.
- Kjaer, Viggo A., Copenhagen, Denmark. Chain. 2,049,841; Aug. 4.
- Kjellberg, Carl F. G., Sandviken, Sweden. Internal combustion motor. 2,037,726; Apr. 21.
- Kjellstrom, John H., assignor to J. L. Clark Manufacturing Co., Rockford, Ill. Metallic jar. 2,044,081; June 16.
- Kjellstrom, John H., assignor to J. L. Clark Manufacturing Co., Rockford, Ill. Sheet metal container. 2,060,504; Nov. 10.
- Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Radial guiding truck. 2,044,575; June 16.
- Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Lateral restraint device. 2,044,576; June 16.
- Klages, Edward A., Crafton, Pa. Wall structure. 2,044,216; June 16.
- Klages, Frank E. P., Park Ridge, assignor to Powers Regulator Company, Chicago, Ill. Apparatus for controlling moisture content of material. 2,038,431; Apr. 21.
- Klages, G. W., & Son, Inc. (See Klages, Norman H., assignor.)
- Klages, Norman H., Pittsburgh, Pa., assignor to L. J. Houze Convex Glass Company. Glass-cutting machine. 2,044,577; June 16.
- Klages, Norman H., assignor to G. W. Klages & Son, Inc., Pittsburgh, Pa. Glass cutter. 2,048,935; July 28.
- Klahn, Emil, New Vernon, N. J., J. M. Percival, administratrix of said E. Klahn, deceased. Apparatus for minimizing friction and vibration of rotor elements. 2,054,055; Sept. 8.



- Klahre, Hugo A., Teaneck, N. J., assignor to Consolidated Trimming Corporation, New York, N. Y. Loading loops on the automatic loop feed member of machines for applying ornamentation to header loops. 2,058,994; Oct. 27.
- Klaiber, Edward C., Memphis, Tenn., assignor to The Wabash Screen Door Company, Minneapolis, Minn. Fly escape structure. 2,043,043; June 2.
- Klaiber, Erich, Stuttgart, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Obtaining advanced and retarded ignition. 2,027,692; Jan. 14.
- Klaiber, Erich, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Dynamo-electric machine frame. 2,048,161; July 21.
- Klaisler-Berry Engineering Company. (See Berry, Robert C., assignor.)
- Klamp, Paul, assignor to The Timken Roller Bearing Company, Canton, Ohio. Mill for rolling articles of circular section and irregular profile. 2,060,087; Nov. 10.
- Klangfilm G. m. b. H. (See Schwarz, Karl, assignor.)
- Klaphake, Wolf. (See Baensch, W., and Klaphake.)
- Klasing, Augustus F., Chicago, Ill. Flatcar. 2,042,260; May 26.
- Klassen, Harry G., Chicago, Ill. Safety match container. 2,036,222; Apr. 7.
- Klasstorner, Samuel. (See Faith, S., and Klasstorner.)
- Klatt, Herman, Pueblo, Colo. Revolving wing aircraft. 2,059,528; Nov. 3.
- Klatt, Rudolph A., Tonawanda, assignor to Auto-Wheel Coaster Company, Inc., North Tonawanda, N. Y. Sled. 2,034,984; Mar. 24.
- Klatt, Walter, Feuerbach, near Stuttgart, assignor to Ernst Leitz Optische Werke, Wetzlar, Germany. Photographic enlargement apparatus. 2,055,235; Sept. 22.
- Klatt, Walter, Feuerbach, near Stuttgart, assignor to Ernst Leitz, Optische Werke, Wetzlar, Germany. Photographic enlargement apparatus. 2,055,236; Sept. 22.
- Klau, David W., New York, N. Y. Spool and winder therefor. 2,029,427; Feb. 4.
- Klauber, Walter E., Houston, Tex. Triangle meter. 2,037,580; Apr. 14.
- Klauminzer, Carl W., deceased, Rocky River, Ohio, Florence A. Klauminzer, administratrix of said Carl W. Klauminzer. Valved nozzle. 2,064,794; Dec. 15.
- Klauminzer, Florence A., administratrix. (See Klauminzer, Carl W.)
- Klaus, Fred, assignor to Industrial Patents Corporation, Chicago, Ill. Measuring and filling machine. 2,062,181; Nov. 24.
- Klawans, Harry I., Chicago, Ill. Mop and making the same. 2,035,130; Mar. 24.
- Klawuhn, Otto W., Rocky River, Ohio. Safety device for vehicles. 2,040,487; May 12.
- Klay, Walter S., and D. Gurney, assignors to Landis Tool Company, Waynesboro, Pa. Work chuck. 2,026,639; Jan. 7.
- Klazkin, Alfred, Brooklyn, N. Y. Convertible high chair and baby walker. 2,037,634; Apr. 14.
- Kleckner, Arthur C., and H. E. Fellows, assignors to Webster Electric Company, Racine, Wis. Fuel supply unit for oil burners or the like. 2,051,301; Aug. 18.
- Kleckner, Milton W. (See Jacklitch, Frank A., assignor.)
- Klee, Henry O., Jackson, Mich., assignor of one-half to A. W. Morf, Niles Center, and J. A. Lyons, Chicago, Ill., a co-partnership, and one-half to All Metal Card Table Corporation, Chicago, Ill. Upholstering of metal surfaces. 2,027,644; Jan. 14.
- Kleekamp, George H., Defiance, Ohio, assignor to A. Haviland. Universal pipe connector. 2,046,124; June 30.
- Kleenburn Stoker Corporation. (See Shott, Christian M., assignor.)
- Kleenglas (1935) Limited. (See Griffiths, Alfred, assignor.)
- Klefeker, Charles B., Newark, assignor to Bloomer Bros. Company, Newark, N. Y. Ice cream pail. 2,031,834; Feb. 25.
- Kleiman, Morris, Mount Vernon, and M. Braunstein, New York, N. Y. Pinker guard and fabric guide. 2,061,707; Nov. 24.
- Klein, Abraham. (See Esterow, L., and Klein.)
- Klein, Adolf, New York, N. Y. Check for piano actions. 2,031,488; Feb. 18.
- Klein, Albert S., St. Louis, Mo. Whiskey-aging apparatus. 2,045,859; June 30.
- Klein, Arthur L. (See Allen, E. T., Klein, Millikan, and Northrop.)
- Klein, Carl E. (See Eldridge, H. B., and Klein.)
- Klein, David X., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of anthraquinone compounds. 2,033,339; Mar. 10.
- Klein, Franklin S., Malverne, N. Y. Wall block coupling. 2,029,876; Feb. 4.
- Klein, Frederick, Glen Rock, assignor to Sipp-Eastwood Corporation, Paterson, N. J. Leasing warps. 2,044,578; June 16.
- Klein, Frederick L., assignor of one-half of W. Schlottbauer, Hartford, Conn. Gravity safety valve for hydraulic brake systems. 2,058,595; Oct. 27.
- Klein, George, Dearborn, Mich. Shaving tool holder. 2,041,251; May 19.
- Klein, Gustav, Mannheim, and A. Grosse, Ludwigshafen-on-the-Rhine, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Pharmaceutical preparation. 2,055,083; Sept. 22.
- Klein, Hans, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of emulsifiable bituminous substances. 2,038,572; Apr. 28.
- Klein, Hans, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Absorption of ethers. 2,039,170; Apr. 28.
- Klein, Helen, Tampa, Fla. Garment support. 2,061,238; Nov. 17.
- Klein, Henry, Philadelphia, assignor to Samuel Silver, Glenside, Pa., trading as K-S Specialty Company. Trap plug. 2,043,412; June 9.
- Klein, Joseph M., Belle Harbor, N. Y. Wall construction. 2,047,145; July 7.
- Klein, Matthew, Billings, Mont., assignor of one-half to Hart-Albin Company. Merchandise ticket auditing machine. 2,048,074; July 21.
- Klein, Max. (See Dunn, J. C., and Klein.)
- Klein, Maximilian, and R. A. Tolleisen, Sellersville, Pa., assignors to United States Gauge Company, New York, N. Y. High pressure gauge. 2,044,005; June 16.
- Klein, Otto, Stuttgart-Oberturkheim, Germany. Machine for grinding valves of the mushroom or poppet type. 2,060,396; Nov. 10.
- Klein, Otto L., San Francisco, Calif. Game. 2,029,107; Jan. 28.
- Klein, Richard, H. Ulrich, and P. Koerding, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Soaking of hides. 2,043,667; June 9.
- Kleinberg, Joseph H., assignor to Elmer C. Hake, Covington, Ky. Glider toy. 2,035,131; Mar. 24.
- Kleine, Arnold, Flushing, assignor to Comprex Oscillator Corp., New York, N. Y. Illuminated cautery electrode. 2,029,487; Feb. 4.
- Kleine, Johannes, H. Pfannenstiel, and W. Matthaes, Dessau-in-Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Spinning artificial silk. 2,044,885; June 23.
- Kleine, Josephus A., Leiden, Netherlands. Reinforcing of furs. 2,060,397; Nov. 10.
- Kleineberg, Paul E., Easton, Pa., assignor to T. W. & C. B. Sheridan Company, New York, N. Y. Trimming mechanism for bookbinding machines. 2,028,785; Jan. 28.
- Kleineberg, Paul E., Easton, Pa., assignor to T. W. & C. B. Sheridan Company, New York, N. Y. Wrapping machine. 2,030,879; Feb. 18.
- Kleineberg, Paul E., Easton, Pa., assignor to T. W. & C. B. Sheridan Company, New York, N. Y. Wrapping machine. 2,030,880; Feb. 18.
- Kleineisen- und Schranbenfabrik Steele Gesellschaft mit beschränkter Haftung. (See Seibel, Fritz, assignor.)
- Kleinert, I. B., Rubber Company. (See Guinzburg, Roland H., assignor.)
- Kleinman, Jacob L., Bronx, N. Y. Razor. 2,057,493; Oct. 13.
- Kleinmann, Ernst, Berlin-Lichtenberg, Germany. Electrical contact pin. 2,036,759; Apr. 7.
- Kleinmann, Ernst, and A. Mendel, Berlin-Lichtenberg, Germany. Electrical contact plug. 2,032,847; Mar. 3.
- Kleinmann, Ernst, and A. Mendel, Berlin-Lichtenberg, Germany. Electrical contact plug or pin. 2,064,545; Dec. 15.
- Kleinschmidt, Arthur F. (See Bruening, Henry W., assignor.)
- Kleinschmidt, Edward E., assignor to Teletype Corporation, Chicago, Ill. Switching system. 2,037,472; Apr. 14.
- Kleinschmidt, Edward E., and E. F. Kleinschmidt, assignors to Teletype Corporation, Chicago, Ill. Facsimile printing telegraph system and apparatus. 2,046,328; July 7.
- Kleinschmidt, Edward F. (See Kleinschmidt, E. E. and E. F.)
- Kleinschmidt, Robert V., Stoneham, Mass., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Conversion process and apparatus for catalytic chemical reactions. 2,051,774; Aug. 18.
- Kleinschmidt, Oscar and O. Muller, assignors to Gebrüder Brehmer, Leipzig-Plagwitz, Germany. Mechanism for separating the books of an interconnected book-pad. 2,027,105; Jan. 7.
- Kleinschmidt, Oscar, and O. Kellermann, assignors to Gebrüder Brehmer, Leipzig-Plagwitz, Germany. Controlling device for automatic stitching machines. 2,058,995; Oct. 27.
- Kleiser, Emil H., Jr., Nashville, Tenn. Toilet tank lever. 2,061,310; Nov. 17.
- Kleissler, Edwin A., assignor to G. A. Kleissler Co., Newark, N. J. Dust collector. 2,057,578; Oct. 13.
- Kleissler, G. A. Co. (See Kleissler, Edwin A., assignor.)
- Klema, Joseph N., Austin, Minn. Display sign. 2,036,147; Mar. 31.
- Klemin, Alexander, New York, N. Y. Game apparatus. 2,040,855; May 19.
- Klemm, Emil R., Jr., Chicago, Ill. Governor. 2,052,401; Aug. 25.
- Klemm, Rudolf, assignor to Gebrüder Brehmer, Leipzig-Plagwitz, Germany. Sheet separating. 2,052,632; Sept. 1.
- Klemperer, Hans, New York, N. Y., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voltage regulation inverter. 2,027,235; Jan. 7.



- Klemperer, Wolfgang B., assignor to Goodyear-Zeppelin Corporation, Akron, Ohio. Strain gauge. 2,050,186; Aug. 4.
- Klemperer, Wolfgang B., Silver Lake, and P. D. Ffield, assignors to Goodyear-Zeppelin Corporation, Akron, Ohio. Yield link. 2,050,187; Aug. 4.
- Klemperer, Wolfgang B., Silver Lake, and H. R. Liebert, assignors to Goodyear-Zeppelin Corporation, Akron, Ohio. Control for vessels. 2,058,803; Oct. 27.
- Klenyansky, William. (Klenyansky, G., and Klenyansky.) Klenyansky, George, and W. Klenyansky, Chicago, Ill. Reinforcing device for screen frame corners. 2,051,995; Aug. 25.
- Klepper, Eberhard A., Paicines, Calif. Making prune beer. 2,038,939; Apr. 28.
- Kless, Herman L., Houston, Tex. Drill bit. 2,030,374; Feb. 11.
- Klessig, Arthur L., Manitowoc County, Wis. Automatic hitch. 2,028,221; Jan. 21.
- Kleucker, George M., St. Louis, Mo. Multifeed coil. 2,060,995; Nov. 17.
- Kleucker, George M., St. Louis, Mo. Holding down device for ice cans. 2,061,381; Nov. 17.
- Klie, Frank H., Paris, Ill. Fan construction. 2,052,180; Aug. 25.
- Kliefoth, Max H., assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Rubber dispersion in alkali silicates. 2,028,397; Jan. 21.
- Kliefoth, Max H., assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Making a material for absorbing sound. 2,039,008; Apr. 23.
- Kliesrath, Victor W. (See Bragg, C. S., and Kliesrath.) Kliesrath, Victor W. (See Price, H. W., and Kliesrath.) Kliesrath, Victor W., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,027,827; Jan. 14.
- Kliesrath, Victor W., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Clutch control mechanism. 2,031,716; Feb. 25.
- Kliesrath, Victor W., South Bend, Ind., assignor to The Steel Wheel Corporation, Chicago, Ill. Vehicle. 2,039,317; May 5.
- Kliesrath, Victor W., South Bend, Ind., assignor to The Steel Wheel Corporation, Chicago, Ill. Motor vehicle. 2,039,318; May 5.
- Kliesrath, Victor W., assignor, by mesne assignments, to Bragg-Kliesrath Corporation, South Bend, Ind. Clutch control mechanism. 2,041,475; May 19.
- Kliesrath, Victor W., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Clutch control. 2,042,717; June 2.
- Kliesrath, Victor W., South Bend, Ind., assignor to The Steel Wheel Corporation, Chicago, Ill. Motor vehicle. 2,059,246; Nov. 3.
- Kliesrath, Victor W., assignor to Bragg-Kliesrath Corporation, Long Island City, N. Y. Valve for clutch control mechanism. 2,036,053; Mar. 31.
- Kliesrath, Victor W., Port Washington, N. Y., assignor to The Steel Wheel Corporation, Chicago, Ill. Motor vehicle. 2,059,245; Nov. 3.
- Kliesrath, Victor W., South Bend, Ind., and R. S. Sanford, New York, N. Y., assignors to Bragg-Kliesrath Corporation, South Bend, Ind. Control mechanism. 2,064,612; Dec. 15.
- Kliwer, Edward A., Longview, assignor of one-half to R. W. Fair, Tyler, and one-sixteenth to Delta Drilling Company, Longview, Tex. Friction brake. 2,041,935; May 26.
- Kliwer, Edward A., Longview, assignor of one-half to R. W. Fair, Tyler, Tex. Vehicle chassis. 2,041,936; May 26.
- Kligman, Aaron R. (See Goldberg, D. D., and Kligman.) Klimek, Gustav A., East Rutherford, N. J., assignor to Diehl Corporation, New York, N. Y. Torque converter. 2,033,474; Mar. 10.
- Klmeik, Gustav A., East Rutherford, N. J., assignor to Diehl Corporation, New York, N. Y. Torque converter. 2,033,475; Mar. 10.
- Klmeik, Gustav A., East Rutherford, N. J., assignor to Diehl Corporation, New York, N. Y. Power transmitter. 2,044,172; June 16.
- Kliment, William P., assignor to Crane Co., Chicago, Ill. Tool. 2,038,116; Apr. 21.
- Kline, Edward M. (See Turrell, Charles E., assignor.) Kline, Emil, Buffalo, assignor to Du Pont Rayon Company, New York, N. Y. Producing rayon. 2,042,944; June 2.
- Kline, J. Alexander. (See McClelland, John, assignor.) Kline, Joseph E., Alpena, Mich. Transportable dock. 2,044,703; June 16.
- Kline, Joseph E., Alpena, Mich. Combination lathe center. 2,058,322; Oct. 20.
- Kline, Myron C., Erie, Pa. Core-stripping machine. 2,047,105; July 7.
- Kline, Theodore S., and K. Rogers, Sacramento, Calif. Cylinder block reamer. 2,039,719; May 5.
- Kline, W. T., Omaha, Nebr. Flexible basket. 2,036,723; Apr. 7.
- Kline, Walter, Wellington, and W. A. Brubaker, Akron, said Kline assignor to E. H. Morrison, Wellington, Ohio. Shipping and storing receptacle. 2,060,941; Nov. 17.
- Kline, Walter, Wellington, and W. A. Brubaker, Akron, said Kline assignor to E. H. Morrison, Wellington, Ohio. Shipping and/or storing receptacle. 2,060,942; Nov. 17.
- Kline, William, Roanoke, Va. Ink feeder for printing presses, etc. 2,065,279; Dec. 22.
- Kline, William A. (See Kirchhofer, A., and Kline.) Kline, William S. (See Katz, R. E., and Kline.) Kling Brothers Engineering Works. (See Molin, Louis A., assignor.) Kling, Fred E., Youngstown, Ohio. Rolling mill. 2,049,842; Aug. 4.
- Kling, Fred E., Youngstown, Ohio. Structural shape. 2,065,378; Dec. 22.
- Kling, Waldemar, assignor to I-G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main-Griesheim, Germany. Removing the odor from bleached alkali metal salts of fatty acids. 2,057,959; Oct. 20.
- Kling, Walter, assignor to H. Th. Bohme Aktiengesellschaft, Chemnitz, Germany. Soap preparation. 2,061,468; Nov. 17.
- Klingberg, Einar G., Long Island City, N. Y., assignor to Intertype Corporation, Brooklyn, N. Y. Vise for slug casting machines. 2,028,736; Jan. 21.
- Klingberg, Einar G., Long Island City, and D. L. Anderson, assignors to Intertype Corporation, Brooklyn, N. Y. Slug casting mold. 2,046,301; June 30.
- Klingenberg, W. Ferd., Söhne. (See Schicht, Heinrich, assignor.) Klingler, Paul C., Riverside, N. J. Ice crusher. 2,047,566; July 14.
- Klingler, Paul C., Riverside, N. J. Support for manually operable ice crushers. 2,047,567; July 14.
- Klingner, Adolph F., Hellertown, Pa., assignor to Edison-Splitdorf Corporation, West Orange, N. J. Spark plug gasket. 2,041,136; May 19.
- Klinkhamer, Hendrik A. W. (See Bol, C., and Klinkhamer.) Klinkhamer, Hendrik A. W., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Circuit arrangement for gas filled discharge tubes. 2,028,839; Jan. 28.
- Klinkhamer, Hendrik A. W., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Polyphase transformer. 2,032,705; Mar. 3.
- Klipfel, John M., Elizabeth, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Tread surface. 2,055,606; Sept. 29.
- Klipfel Manufacturing Company. (See McCarthy, Elmer T., assignor.) Klipstein Chemical Processes, Inc. (See Jacobson, Bernard H., assignor.) Klipstner, Kenneth H., Short Hills, and A. A. Ticknor, Plainfield, assignors to The Calco Chemical Co. Inc., Bound Brook, N. J. Purification of alcohols. 2,052,881; Sept. 1.
- Klise, Chester A., Chicago, Ill. Glare-dimming attachment for windshields. 2,050,889; Aug. 11.
- Kliwer, Arthur G. (See Ponting, L. C., and Kliwer.) Klocke, William, Woodhaven, N. Y. Press. 2,027,735; Jan. 14.
- Klocke, William, Woodhaven, N. Y. Releasing means for jammed presses. 2,038,795; Apr. 28.
- Klocke, William, Woodhaven, N. Y. Knuckle-joint type press. 2,054,428; Sept. 15.
- Klocke, William, Woodhaven, N. Y. Press. 2,056,402; Oct. 6.
- Klocke, William H. (See Pinney, H. H., and Klocke.) Kloeckener, Fritz F., et al. (See Maxfield, Donald F., assignor.) Klonne, Firm Aug. (See Pechstein, Walter, assignor.) Kloos, John. (See Ball, H. W., Kloos, and Jeffries.) Kloos, John, assignor to The Morgan Engineering Company, Alliance, Ohio. Ingot stripper. 2,063,684; Dec. 8.
- Klopfenstein, Charles, and V. A. Stewart, Fort Wayne, Ind. Appliance for stropping safety razor blades. 2,034,239; Mar. 17.
- Klopphaus, Werner, New York, N. Y. Combination pen and calendar. 2,029,236; Jan. 28.
- Klosky, Simon, Roselle, assignor to The American Agricultural Chemical Company, Newark, N. J. Manufacture of calcium arsenate insecticides. 2,029,264; Jan. 28.
- Klotz, Abraham I., New York, N. Y. Protecting framing for brief cases. 2,043,833; June 9.
- Klotz, Ernst. (See Steimel, K., and Klotz, assignors.) Klotz, Ernst. (See Wilhelm, K., and Klotz.) Klotz, Ernst, and H. O. Roosenstein, assignors to Telefunken Gesellschaft für Drahtlose m. b. H., Berlin, Germany. Oscillation generator. 2,059,587; Nov. 3.
- Klotz, Jacob H., Bronx, N. Y. Handbag. 2,031,218; Feb. 18.
- Klotzman, Aaron, Baltimore, Md., assignor to May Oil Burner Corporation. Boiler. 2,048,747; July 28.
- Klouman, Henning, Michigan City, Ind., and L. H. White, Chicago, Ill., assignors to Michiana Products Corporation, Michigan City, Ind. Basket for carburizing retorts. 2,040,261; May 12.
- Klug, Hubert H. (See Carter, Arnold H., assignor.) Kluge, Abel and E., assignors to Brandtjen and Kluge, St. Paul, Minn. Pile lowering device for printing presses. 2,027,177; Jan. 7.
- Kluge, Eneval. (See Kluge, A. and E.) Klugh, Bethune G., Birmingham, Ala., assignor to Swann Fertilizer Company. Method and apparatus for producing chemical salts. 2,034,582; Mar. 17.



- Klump, Emil, Zuffenhausen, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Preparing refractories and refractory masses so produced. 2,040,051; May 5.
- Klump, Laurence E., Stockton, Calif. Attaching strip for advertising matter. 2,039,804; May 5.
- Kluson, John. (See Lochman, A. L., and Kluson.)
- Klute, Samuel, assignor to The Malleable Steel Range Manufacturing Co., South Bend, Ind. Stove construction. 2,039,539; May 5.
- Klute, Samuel, assignor to The Malleable Steel Range Manufacturing Co., South Bend, Ind. Stove lid lifter. 2,043,439; June 9.
- Klut, Walter A. (See Stewart, Walter C., assignor.)
- Kmicic, John A., New York, N. Y. Ornament. 2,033,288; Mar. 10.
- Knafl, Albert, Porz-on-the-Rhine, Germany. Grinding and polishing device. 2,033,034; Mar. 3.
- Knapmeyer, Gilbert B. (See Balzer, F., and Knapmeyer.)
- Knapp, Andrew S., St. Louis, Mo., assignor to Knapp Monarch Company, Inc., Belleville, Ill. Grapefruit juice extractor. 2,034,301; Mar. 17.
- Knapp, Andrew S., and H. Smith, assignors to Knapp-Monarch Company, Belleville, Ill. Stove construction. 2,029,573; Feb. 4.
- Knapp, Archer L., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,029,534; Feb. 4.
- Knapp, Arthur A., New York, N. Y. Structure for dark-room reading of fine calibrations. 2,036,337; Apr. 7.
- Knapp Brothers Manufacturing Company. (See Knapp, George A., assignor.)
- Knapp Brothers Manufacturing Company. (See Peck, P. D., and Lloyd, assignors.)
- Knapp, Charles L., Shenandoah, Pa. Trap holder for milk and other bottles. 2,042,605; June 2.
- Knapp, David H., Philadelphia, Pa. Pneumatic tire and mounting therefor. 2,045,860; June 30.
- Knapp, Edward J., assignor to Muench-Kreuzer Candle Company, Inc., Syracuse, N. Y. Sanctuary candle lamp. 2,060,324; Nov. 10.
- Knapp, Ernie, assignor to Dominion Electrical Mfg. Co., Minneapolis, Minn. Food mixing device with beater ejector. 2,048,455; July 21.
- Knapp, George A., assignor to Knapp Brothers Manufacturing Company, Chicago, Ill. Wire carrying base screed. 2,036,054; Mar. 31.
- Knapp, George S., assignor to thirty per cent to F. Lammers and fifteen per cent to G. H. Sullivan and K. G. Neumeier, copartners as Sullivan and Neumeier, Stillwater, Minn. Brake. 2,042,850; June 2.
- Knapp, Ismond E. (See Logan, W. B., and Knapp.)
- Knapp, John F., trustee et al. (See Roe, Charles C., assignor.)
- Knapp, Leland G., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Skate wheel and producing same. 2,032,059; Feb. 25.
- Knapp, Leland G., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Skate wheel and producing same. 2,034,948; Mar. 24.
- Knapp, Leland G., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Farm truck. 2,047,206; July 14.
- Knapp, Leland G., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Wheel structure. 2,049,566; Aug. 4.
- Knapp, Leland G., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Roller skate wheel. 2,052,979; Sept. 1.
- Knapp, Leland G., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Water system unit. 2,054,824; Sept. 22.
- Knapp-Monarch Company. (See Derringer, Percy O., assignor.)
- Knapp-Monarch Company. (See Fischer, William H., assignor.)
- Knapp-Monarch Company. (See Gundelfinger, William E., assignor.)
- Knapp Monarch Company. (See Knapp, Andrew S., assignor.)
- Knapp-Monarch Company. (See Knapp, A. S., and Smith, assignors.)
- Knapp-Monarch Company. (See Kochner, William B., assignor.)
- Knapp-Monarch Company. (See Smith, Howard, assignor.)
- Knapp-Monarch Company. (See Smith, John E., assignor.)
- Knapp, Ray, Rochester, N. Y. Apparatus for dispensing beer. 2,043,856; June 9.
- Knapp, Walter R., Pelham, assignor, by mesne assignments, to Horvitz Patent Holding Corporation, New York, N. Y. Recovery of acid gases. 2,064,838; Dec. 22.
- Knapp, William J., et al. (See Twatchman, Quentin, assignor.)
- Knappen, Theodore T., Cairo, Ill. Moisture meter. 2,056,196; Oct. 6.
- Knaus, Nicholas, Newark, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,052,408; Aug. 25.
- Knauss, Edward, Sacramento, Calif. Governor. 2,026,742; Jan. 7.
- Knauss, James E., Sacramento, Calif. Tube closure. 2,035,749; Mar. 31.
- Knaust Brothers, Inc. (See Knaust, Herman, and H., assignors.)
- Knaust, Henry. (See Knaust, Herman and H.)
- Knaust, Herman and H., West Camp, assignors to Knaust Brothers, Inc., Coxsackie, N. Y. Producing mushrooms. 2,034,678; Mar. 17.
- Knauth, George E., Reno, Nev. Match box. 2,030,797; Feb. 11.
- Kneale, Earle C., and H. H. Wohlgemuth, Pontiac, Mich. Artificial resin. 2,064,614; Dec. 15.
- Kneale, Robert D., Atlanta, Ga. Spring-supported vehicle. 2,027,913; Jan. 14.
- Kneass, Edwards, and O. Jensen, assignors to I-T-E Circuit Breaker Company, Philadelphia, Pa. Electric circuit interrupter and separable contacts therefor. 2,029,028; Jan. 28.
- Knebusch, Walter F., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Reel driving mechanism. 2,056,197; Oct. 6.
- Knebusch, Walter F., Cleveland, and F. Hillix, Lakewood, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Reagent distributor. 2,054,087; Sept. 15.
- Knebusch, Walter F., Cleveland, and F. F. Hillix, Lakewood, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Transfer device. 2,060,809; Nov. 17.
- Knecht, Albert, Wilen, Switzerland. Wind screen. 2,030,258; Feb. 11.
- Knecht, Alfred A., Stuttgart-Bad Cannstatt, Germany. Gas filter. 2,048,871; July 28.
- Knecht, Oskar, Binningen, near Basel, and M. Kappeler, Basel, and C. Apotheker, Riehen, near Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Conversion products of N-nitramines of primary aromatic amines nitrated in the nucleus and making same. 2,036,530; Apr. 7.
- Kneeland, Frank H., Elmhurst, assignor to Safety Mining Company, Chicago, Ill. Blasting cartridge. 2,062,912; Dec. 1.
- Kneff, Clinton W., Bridgeville, Pa. Support. 2,046,825; July 7.
- Knehe, Ewald. (See Bauriedel, G., and Knehe.)
- Knehe, Ewald. (See Etzkorn, R., and Knehe.)
- Knell, John, assignor to All-Steel-Equip Company, Aurora, Ill. Electrical receptacle. 2,028,509; Jan. 21.
- Kneller, Harry D., Brookfield, Ill. Self watering flower vessel. 2,055,844; Sept. 29.
- Knepp, John D., Nook, Pa. Milk strainer holder. 2,047,876; July 14.
- Knerr, Morace C., and C. Farrow, assignors to Steel & Tubes, Inc., Cleveland, Ohio. Method and apparatus for testing metal articles for defects. 2,065,379; Dec. 22.
- Knetsch, Guido, Berlin, Germany. Riding saddle frame. 2,034,474; Mar. 17.
- Knickerbocker Automatic, Inc. (See Knickerbocker, Karl, assignor.)
- Knickerbocker, Karl, assignor to Knickerbocker Automatic, Inc., Detroit, Mich. Game totalizing device. 2,058,323; Oct. 20.
- Kniedler, Jerome C., Pittsburgh, Pa. Line hanger. 2,040,746; May 12.
- Kniepen, Peter, Finkenkrug, near Berlin, assignor to All-gemeine Elektrizitäts Gesellschaft, Berlin, Germany. Electrode for electron discharge device. 2,036,579; Apr. 7.
- Kniepkamp, Heinrich, Berlin-Pankow, assignor to Siemens & Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electron discharge device. 2,041,292; May 19.
- Knies, Daniel, Bexley, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling mechanism. 2,058,804; Oct. 27.
- Kniesche, Harry F., assignor to J. Shapiro, Baltimore, Md. Manufacturing cellulose tubes. 2,035,320; Mar. 24.
- Knight, Alfred W. (See Thorndyke, John T., assignor.)
- Knight, Arthur H. (See Baldwin, A. W., Everatt, and Knight.)
- Knight, Arthur H. (See Baldwin, A. W., and Knight.)
- Knight, Arthur H., Ashton-on-Mersey, Sale, England, assignor to Imperial Chemical Industries Limited. Disazo dyestuffs and their production. 2,027,178; Jan. 7.
- Knight, Arthur H., Ashton-on-Mersey, England, assignor to Imperial Chemical Industries Limited. Azo dyes and their preparation. 2,030,214; Feb. 11.
- Knight, Arthur H., Ashton-on-Mersey, England, assignor to Imperial Chemical Industries Limited. Dyeing cellulose esters and ethers. 2,037,910; Apr. 21.
- Knight, Arthur H., Ashton-on-the-Mersey, England, assignor to Imperial Chemical Industries Limited. 1-( $\beta$ -hydroxyethylamino)-5-naphthol and preparing same. 2,041,838; May 26.
- Knight, Arthur H., Ashton-on-Mersey, Sale, assignor to Imperial Chemical Industries Limited. Azo dyes and their preparation. 2,044,082; June 16.
- Knight, Arthur H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Monoazo dye and its production. 2,037,909; Apr. 21.
- Knight, Arthur H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Secondary disazo dyestuffs and their production. 2,044,084; June 16.
- Knight, Arthur H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Azo dyestuffs and their production. 2,049,299; July 28.
- Knight, Arthur H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Azo dyestuffs and their production. 2,057,685; Oct. 20.



- Knight, Arthur H., Ashton-on-Mersey, and W. A. Sexton, Manchester, England, assignor to Imperial Chemical Industries Limited. Aminohydroquinone-di-(beta-hydroxyethyl) ether and producing same. 2,044,083; June 16.
- Knight, Arthur R., Delaware, Ohio. Radio apparatus. 2,027,828; Jan. 14.
- Knight, Charlotte S., Freeport, N. Y. Filter faucet. 2,042,106; May 26.
- Knight, Chesterton S., assignor to Geo. Knight & Co. Inc., Brockton, Mass. Perforating die. 2,039,251; Apr. 28.
- Knight, Donald B., Brooklyn, N. Y., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Absorption refrigerating apparatus. 2,027,106; Jan. 7.
- Knight, Donald B., assignor to Refrigeration Research Corporation, Brooklyn, N. Y. Air conditioning method and apparatus. 2,029,428; Feb. 4.
- Knight, Donald B., Brooklyn, assignor, by mesne assignments, to General Motors Corporation. Self-freeing ice tray. 2,066,042; Dec. 29.
- Knight, Edward R., Jefferson City, assignor of two-thirds to E. T. Kuehn, one-sixth to W. B. Raetz, and one-sixth to E. Mast, St. Joseph, Mo. Combined locking and releasing assembly. 2,060,734; Nov. 10.
- Knight, Floyd A., Cedar Rapids, Iowa, assignor to Food Machinery Corporation, San Jose, Calif. Green corn husking machine. 2,037,661; Apr. 14.
- Knight, Geo., & Co. Inc. (See Knight, Chesterton S., assignor.)
- Knight, Herbert M., Montclair, N. J. Vessel. 2,030,881; Feb. 18.
- Knight, Herbert M., Upper Montclair, N. J. Harbor. 2,044,795; June 23.
- Knight, Ira W., assignor to General Fire Extinguisher Company, Providence, R. I. Sprinkler. 2,046,169; June 30.
- Knight, James L. (See Sywert, P. T., and Knight.)
- Knight, John A., Hamilton, Ontario, Canada. Electric heating element. 2,029,075; Jan. 28.
- Knight, John B., Jr., New York, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Receiving and amplifying electric signals. 2,026,944; Jan. 7.
- Knight, Joseph D. (See Ducey, Roger H., assignor.)
- Knight, Lester B., Jr. (See Pape, L. R., and Knight.)
- Knight, Oliver D., assignor to H. H. Puetz, Madison, Wis. Sediment tester. 2,044,310; June 16.
- Knight, Ralph F., Beverly, and I. M. Reid, Winchendon, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for driving linear objects. 2,035,551; Mar. 31.
- Knight, Raymond R., Toronto, Ontario, Canada. Sewage aerator. 2,036,280; Apr. 7.
- Knight, Robert J., Inglewood, Calif. Beach umbrella table. 2,039,805; May 5.
- Knight, Samuel H., Lancaster, Pa. Parachute assemblage. 2,046,387; July 7.
- Knight, Samuel H., Lancaster, Pa. Parachute assembly. 2,053,342; Sept. 8.
- Knight Soda Fountain Company. (See Steczynski, Myron E., assignor.)
- Knights, Harold B., Albion, Maine. Beehive. 2,039,088; Apr. 28.
- Knights, John R. (See Lovely, J. E., and Knights.)
- Knill, Frank, Cleveland, Ohio. Fish lure. 2,038,940; Apr. 28.
- Kniskern, Walter H., Prince George County, Va., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Valve. 2,035,898; Mar. 31.
- Kniskern, Walter H., Prince George County, Va., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Sight feed. 2,047,783; July 14.
- Kniskern, Walter H., Prince George County, Va., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Control mechanism. 2,062,095; Nov. 24.
- Kniskern, Walter H., Prince George County, Va., and C. K. Lawrence, Syracuse, assignors to Atmospheric Nitrogen Corporation, New York, N. Y. Composition of matter, process for its production and for its use in the preparation of fertilizers. 2,035,484; Mar. 31.
- Kniskern, Walter H., Petersburg, Va., and L. V. Rohner, Syracuse, N. Y., assignors to Atmospheric Nitrogen Corporation, New York, N. Y. Manufacture of fertilizers and compositions. 2,036,481; Apr. 7.
- Knisley, Andrew W. (See Hegenberger, A. F., and Knisley.)
- Kniss, Frank C., El Dorado, Ark. Stuffing box. 2,059,798; Nov. 3.
- Knobel, Max, Arlington, and L. H. Young, Auburndale, Mass., assignors to Gillette Safety Razor Company, Boston, Mass. Method and machine for testing blades. 2,027,595; Jan. 14.
- Knobel, Max, Arlington, and L. H. Young, Auburndale, assignor to Gillette Safety Razor Company, Boston, Mass. Edge testing machine. 2,065,713; Dec. 29.
- Knobloch, Carl, Akron, Ohio. Liquid level gauge. 2,042,471; June 2.
- Knoche, Joseph. (See Chase, C. E., and Knoche, assignor.)
- Knoche, Rudolf. (See Delfs, D., Knoche, Messmer, and Clingenstein.)
- Knochenmuss, George, Rapid City, S. Dak. Jar holder. 2,047,477; July 14.
- Knoderer, Homer G., Fairfield, Conn., assignor to General Electric Company. Electric cable. 2,043,044; June 2.
- Knodle, Glenn D., Bozeman, Mont. Motor vehicle rear end spotlight switch. 2,060,377; Nov. 10.
- Knoernschild, Norbert W. (See Knoernschild, William C., and N. W.)
- Knoernschild, William C. and N. W., assignors to Milwaukee Tanning Company, Milwaukee, Wis. Method and apparatus for producing lambskin powder puffs. 2,034,194; Mar. 17.
- Knoerzer, Otto, assignor to Champion Corporation, Hammond, Ind. Irrigating pipe. 2,066,008; Dec. 29.
- Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Braun tube for television receiver apparatus. 2,064,981; Dec. 22.
- Knoll, Max, Berlin-Lichterfelde, L. Schiff, Berlin, and C. Stoerk, Berlin-Neukolln, Germany, said Stoerk, assignor to said Knoll, and said Schiff. Cathode-ray-oscillograph. 2,036,532; Apr. 7.
- Knoll, William V., Dayton, Ohio. Gelatin and glue extractor. 2,028,935; Jan. 28.
- Knoll, William V., assignor to Mid-West-Fulton Machine Company, Dayton, Ohio. Pulp refining apparatus. 2,061,662; Nov. 24.
- Knoller, Brich, Vienna, Austria. Mounting of aircraft guns. 2,047,074; July 7.
- Knoop, William A., Hempstead, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Interpolating system. 2,060,222; Nov. 10.
- Knopp, John E., Tulsa, Okla. Shirt collar protector. 2,053,564; Sept. 8.
- Knorr, Atwood R., Berwick, Pa. Blotting attachment for fountain pens. 2,064,067; Dec. 15.
- Knorr, Ferdinand, Del Mar, Calif. Honeycomb foundation supporting means. 2,064,349; Dec. 15.
- Knospe, Lawrence E., Chicago, Ill. Permanent wave heater. 2,058,380; Oct. 20.
- Knote, John McB., South River, N. J. Garment hanger. 2,037,077; Apr. 14.
- Knote, John McB., South River, N. J., assignor to Quigley Company, Inc. Refractory composition. 2,051,002; Aug. 11.
- Knote, John M., assignor to Quigley Company, Inc., South River, N. J. Refractory material and making same. 2,051,003; Aug. 11.
- Knötschke, Carl A. R., Amsterdam, Netherlands. Suspension device for electric light fittings. 2,065,317; Dec. 22.
- Knott, Harry H., assignor to American Pearl Button Co., Washington, Iowa. Chuck construction. 2,061,321; Nov. 17.
- Knourek, Edward E., Lyons, Ill. Gymnastic apparatus. 2,062,813; Dec. 1.
- Knowles, Albert E., London, England. Electrolysis of water. 2,044,704; June 16.
- Knowles, Carroll, and W. Law, West Hartford, assignors to Pratt & Whitney Company, Hartford, Conn. Profiling machine. 2,037,635; Apr. 14.
- Knowles, Dewey D., Wilkinsburg, Pa. Protective system. 2,062,269; Nov. 24.
- Knowles, Dewey D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control circuit. 2,042,181; May 26.
- Knowles, Dewey D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Oil bath temperature regulator. 2,042,182; May 26.
- Knowles, Dewey D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, Glow lamp. 2,050,341; Aug. 11.
- Knowles, Dewey D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company. Impact meter. 2,053,436; Sept. 8.
- Knowles, Dewey D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Grid glow tube. 2,053,437; Sept. 8.
- Knowles, Dewey D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge device. 2,060,506; Nov. 10.
- Knowles, Dewey D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical discharge device. 2,062,268; Nov. 24.
- Knowles, Dewey D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric discharge apparatus. 2,062,270; Nov. 24.
- Knowles, Dewey D., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Theater dimmer control. 2,046,691; July 7.
- Knowles, Edwin C., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing hydrocarbon oil. 2,054,429; Sept. 15.
- Knowles, Edwin C., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing hydrocarbon oil. 2,054,430; Sept. 15.
- Knowles, Harry H. (See Hodgson, C. R. Knowles, and Lemmon.)
- Knowles, John T., assignor to Libby, McNeill & Libby, Chicago, Ill. Producing a food product. 2,037,029; Apr. 14.
- Knowles, Lloyd G. (See Cummings, R. W., Knowles, and Eppler.)
- Knowles, Lloyd G., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for applying pressure to shoe bottoms. 2,063,041; Dec. 8.



- Knowles, William H., Indianapolis, Ind., assignor, by mesne assignments, to General Cap Co. Inc., New York, N. Y. Forming machine. 2,042,851; June 2.
- Knowlton, Alfred D. (See Burgess, A. A., and Knowlton.)
- Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Blank-making machine. 2,035,552; Mar. 31.
- Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Creasing mechanism. 2,035,553; Mar. 31.
- Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Blank-making machine. 2,039,319; May 5.
- Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Machine for making box parts. 2,042,472; June 2.
- Knowlton, Daniel E., assignor to Buffalo Cold Storage Company, Buffalo, N. Y. Spraying cabinet. 2,041,001; May 19.
- Knowlton, Harry W., assignor to Knowlton & Newton Co. Inc., Lowell, Mass. Dust remover for pickers. 2,060,507; Nov. 10.
- Knowlton, L. R. (See Phipps, John T., assignor.)
- Knowlton & Newton Co. Inc. (See Knowlton, Harry W., assignor.)
- Knowlton, Norwood H., Rockport, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Abrading device. 2,058,467; Oct. 27.
- Knowlton, Theodore E., New York, N. Y. Printing. 2,030,304; Feb. 11.
- Knox, David M. (See Clade, R., and Knox.)
- Knox, Garner L., Glendale, assignor to Utility Trailer Manufacturing Company, Los Angeles, Calif. Running gear. 2,065,924; Dec. 29.
- Knox, George N., Alliance, Ohio. Spring axle. 2,031,537; Feb. 18.
- Knox, Harry A., Washington, D. C. Track for track-laying vehicles. 2,059,247; Nov. 3.
- Knox, Harry A., Davenport, Iowa, and T. H. Nixon, Gettysburg, Pa. Transmission. 2,043,251; June 9.
- Knox, Harry A., Davenport, Iowa, and T. H. Nixon, United States Army, Gettysburg, Pa. Suspension for vehicles. 2,051,864; Aug. 25.
- Knox, Harry A., Washington, D. C., and T. H. Nixon, United States Army, Gettysburg, Pa. Suspension for vehicles. 2,065,532; Dec. 29.
- Knox, Jean H., and B. Garner, Sr., Dallas, Tex. Form grading and subgrading machine. 2,043,413; June 9.
- Knox, Maurice D. (See Allen, E. B., and Knox.)
- Knox, W. H., Jr., and R. T. Cochran, Nashville, Tenn., assignors to Victor Chemical Works. Monocalcium phosphate. 2,062,064; Nov. 24.
- Knox, William H., Jr., Nashville, Tenn., assignor to Victor Chemical Works. Manufacture of calcium phosphates. 2,036,760; Apr. 7.
- Knudsen, Charles O., Brooklyn, N. Y. Air conditioner and water heating system. 2,029,574; Feb. 4.
- Knudsen, Hans, Streatham, London, England. Television apparatus. 2,054,202; Sept. 15.
- Knudsen, Peder M., Katonah, N. Y. Identification device. 2,029,877; Feb. 4.
- Knudson, Peter E., Hettinger, N. Dak. Golf green sweep. 2,042,405; May 26.
- Knust, William A., Hoboken, N. J. Dirigible headlights and the like for automobiles. 2,039,252; Apr. 28.
- Knust, William A., Hoboken, N. J. Dirigible headlights for automobiles. 2,039,253; Apr. 28.
- Knuth, Karl J., Olmstead Falls, Ohio. Lawn sprinkler. 2,050,659; Aug. 11.
- Knutkowski, Anton J. (See Ohlsen, R., and Knutkowski.)
- Knutsen, Knut A., Paris, France. Printing device for statistical, calculating, and tabulating machines utilizing perforated cards. 2,046,464; July 7.
- Knutsen, Knut A., Paris, France. Card controlled device. 2,046,465; July 7.
- Knutson, Carl L., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Separable electrical contact device. 2,031,564; Feb. 18.
- Knutson, Carl L., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Wallboard structure and fastener. 2,035,389; Mar. 24.
- Kobayashi, Yoshito. (See Kondo, H., Ikawa, and Kobayashi.)
- Kobayoshi, Heitaro, et al. (See Okano, Kinji, assignor.)
- Kobe, Herman J. (See Friedel, P. C., and Kobe.)
- Kobe, Inc. (See Coberly, Clarence J., assignor.)
- Kobe, Seiko-sho, Ltd. (See Odajima, Shuzo, assignor.)
- Kobert, Frank P., deceased, by K. Kobert, administratrix, Cleveland Heights, Ohio. Muffle device. 2,044,504; June 16.
- Kobert, Kathryn, administratrix. (See Kobert, Frank P.)
- Kobler & Co. (See Kobler, Victor and W., assignors.)
- Kobler, Paul, Lynbrook, N. Y. Copyholder for typewriters and bookholders. 2,036,580; Apr. 7.
- Kobler, Victor and W., assignors to the firm Kobler & Co., Zurich, Switzerland. Handling device for packages or the like. 2,059,643; Nov. 3.
- Kobler, Werner. (See Kobler, Victor and W.)
- Koch, Albert A. (See Wesche, Carl A., assignor.)
- Koch, Arthur L., Perth Amboy, N. J. Method and apparatus for producing beverages. 2,052,476; Aug. 25.
- Koch, Earl L., Chicago, Ill., assignor, by mesne assignments, to Earl L. Koch Holding Corporation, New York, N. Y. Negative resistance crystal controlled oscillator. 2,029,488; Feb. 4.
- Koch, Earl L., Chicago, Ill., assignor, by mesne assignments, to Earl L. Koch Holding Corporation, New York, N. Y. Scanning device for television. 2,034,583; Mar. 17.
- Koch, Earl L., Chicago, Ill., assignor, by mesne assignments, to Earl L. Koch Holding Corporation, New York, N. Y. Light sensitive cell system. 2,048,269; July 21.
- Koch, Earl L., Chicago, Ill., assignor, by mesne assignments, to Radio Patents Corporation, New York, N. Y. Radio receiver. 2,062,888; Dec. 1.
- Koch, Earl L., Chicago, Ill., assignor, by mesne assignments, to Radio Patents Corporation, New York, N. Y. Thermionic tube. 2,062,889; Dec. 1.
- Koch, Earl L., Holding Corporation. (See Koch, Earl L., assignor.)
- Koch, Edward H., Buffalo, N. Y. Tooth brush holder. 2,038,941; Apr. 28.
- Koch, Edwin A., River Edge, N. J. Vehicle wheel inclosure. 2,031,219; Feb. 18.
- Koch, Ernst. (See Eckelmann, A., and Koch.)
- Koch, Fritz, St. Paul, Minn. Brick splitting mechanism. 2,049,704; Aug. 4.
- Koch, George H., St. Albans, N. Y. Holder. 2,051,722; Aug. 18.
- Koch, Heinrich. (See Zahn, K., and Koch.)
- Koch, Heinrich. (See Zahn, K., Koch, and Winand.)
- Koch, Heinrich. (See Zahn, K., Schimmelschmidt, and Koch.)
- Koch, Julius F., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Unloader valve. 2,039,089; Apr. 28.
- Koch, Lawrence E. (See Phelan, L. A. M., and Koch, assignors.)
- Koch, Louis A., Jr., Louisville, Ky. Dynamo-electric machine filter. 2,057,196; Oct. 13.
- Koch, Lydia B. (See Bodor, Andrew, assignor.)
- Koch, Lydia B. (See Karlsson-Ygger, Albert, assignor.)
- Koch, Lydia B., New York, N. Y. Paraffining machine. 2,049,503; Aug. 4.
- Koch, Lydia B., assignor to Reinforced Paper Bottle Corporation, New York, N. Y. Apparatus for capping bottles. 2,058,892; Oct. 27.
- Koch, Lydia B., New York, N. Y., and A. Bodor, Newark, N. J., assignors to Reinforced Paper Bottle Corporation, New York, N. Y. Manufacturing paper bottles. 2,027,484; Jan. 14.
- Koch, Paul W., Brooklyn, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Reactionless valve. 2,039,599; May 5.
- Koch, Vernon J., Andover, Iowa. Shock carrier. 2,044,705; June 16.
- Koch, Wilhelm, and H. Winkeler, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs and their production. 2,043,199; June 2.
- Koch, William, assignor to Hercules Powder Company, Wilmington, Del. Thermoplastic composition. 2,044,505; June 16.
- Koch, William, assignor to Hercules Powder Company, Wilmington, Del. Thermoplastic composition. 2,047,146; July 7.
- Koch, Winfield R., Camden, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Remote-control device. 2,037,383; Apr. 14.
- Koch, Winfield R., Camden, N. J., assignor to Radio Corporation of America. Ultrahigh frequency device. 2,037,799; Apr. 21.
- Koch, Winfield R., Camden, N. J., assignor to Radio Corporation of America. Radio receiving system. 2,045,300; June 23.
- Koch, Winfield R., Camden, N. J., assignor to Radio Corporation of America. Combined noise suppresser and tuning indicator. 2,045,542; June 23.
- Koch, Winfield R., Camden, N. J., assignor to Radio Corporation of America. Relay system. 2,050,059; Aug. 4.
- Koch, Winfield R., Camden, N. J., assignor to Radio Corporation of America. Automatic gain control circuits. 2,054,825; Sept. 22.
- Kochendoerfer, Gerd. (See Kunz, M. A., Kochendoerfer, and Koeberle.)
- Kochendoerfer, Gerd. (See Kunz, M. A., Koeberle, and Kochendoerfer.)
- Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Compression tubing coupling. 2,029,325; Feb. 4.
- Kochner, William B., assignor to Knapp-Monarch Company, St. Louis, Mo. Toaster base assembly. 2,029,575; Feb. 4.
- Kochs, Theo. A., Company. (See Schachtel, Otto, assignor.)
- Kock, Winston E., Berlin, Germany, assignor to The Baldwin Company, Cincinnati, Ohio. Electrical musical instrument. 2,046,463; July 7.
- Kock, Winston E., assignor to The Baldwin Company, Cincinnati, Ohio. Tone control for high or low tones in electrical musical instruments. 2,048,610; July 21.
- Kocks, Fritz, Dusseldorf, Germany. Rolling mill with inclined rolls. 2,040,612; May 12.
- Kockums Mekaniska Verkstads Aktiebolag. (See Larsson, M., and Bek, assignors.)
- Kodama, Kenta, Fukui, Japan. Manufacturing refined pulp from straw of graminaceous plants. 2,026,900; Jan. 7.



- Koebberling, Otto, F. Zwicky, and J. V. Hunt, Greensboro, N. C., assignor of one-half to Mock, Judson, Voehringer Co. Inc., New York, N. Y., and one-half to Greensboro Full Fashioned Hosiery Mills, Inc. Yarn feed control mechanism for full fashioned hosiery knitting machines. 2,062,913; Dec. 1.
- Koebel, Frank E., Glen Ridge, N. J., assignor to J. K. Smit & Sons, Inc., New York, N. Y. Tool for dressing grinding-wheels. 2,047,147; July 7.
- Koerberle, Karl. (See Kunz, M. A., Kochendorfer, and Koerberle.)
- Koerberle, Karl. (See Kunz, M. A., and Koerberle.)
- Koerberle, Karl. (See Kunz, M. A., Koerberle, and Kochendorfer.)
- Koerberle, Karl. (See Kunz, M. A., Koerberle, and Schlichting.)
- Koerberle, Karl. (See Schlichting, O., and Koerberle.)
- Koerberle, Karl, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Production of compounds of esters of strong acids with anthrapyrimidines. 2,055,933; Sept. 29.
- Koerberle, Karl, Ludwigshafen-on-the-Rhine, and H. Wolff, Mannheim, and E. Krauch, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Producing vat dyestuffs of the dibenzanthrone series. 2,029,237; Jan. 28.
- Koerberle, Karl, C. Steigerwald, and R. Schweizer, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. N-substitution products of 1,4-diaminoanthraquinones. 2,050,660; Aug. 11.
- Koerberle, Karl, C. Steigerwald, and R. Schweizer, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. N-substitution products of 1,4-diaminoanthraquinones. 2,050,661; Aug. 11.
- Koerberle, Karl, C. Steigerwald, and R. Schweizer, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. N-substitution products of 1,4-diaminoanthraquinones. 2,050,662; Aug. 11.
- Koerberle, Karl, R. Schweizer, and C. Steigerwald, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Producing N-substitution products of 1,4-diaminoanthraquinones. 2,050,704; Aug. 11.
- Koerberle, Karl, R. Schweizer, and C. Steigerwald, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Producing N-substitution products of 1,4-diaminoanthraquinones. 2,051,004; Aug. 11.
- Koerberle, Karl, R. Schweizer, and C. Steigerwald, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Producing N-substitution products of 1,4-diaminoanthraquinones. 2,051,005; Aug. 11.
- Koebler, Albert H., Irvington, N. J., assignor to The United States Printing & Lithograph Co., New York, N. Y. Shipping and display carton. 2,042,107; May 26.
- Koehling, Charles D., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,036,055; Mar. 31.
- Koehler, Edwin H., New York, N. Y. Accessories container. 2,030,305; Feb. 11.
- Koehler Manufacturing Company. (See Wheat, Grant, assignor.)
- Koehler, Oscar E. (See Koonz, E. R., and Koehler.)
- Koehly, Paul, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Charge forming device. 2,033,247; Mar. 10.
- Koehn, Frank L., Montezuma, Kans., and J. Lyytinen, Kansas City, Mo. Bending tool. 2,055,034; Sept. 22.
- Koehring Company. (See Johnson, Marvin O., assignor.)
- Koehring Company. (See Karstens, Edward S., assignor.)
- Koehring Company. (See Lichtenberg, E. H., Tranaas, and Steffen, assignors.)
- Koehring Company. (See Robb, John F., assignor.)
- Koehring, Roland P. (See Short, C. R., and Koehring.)
- Koehring, Vera. (See Prytherch, H. F., and Koehring.)
- Koelkebeck, Carl W. A. Pittsburgh, Pa. Hose coupling. 2,064,014; Dec. 15.
- Koelkebeck, Carl W. A., assignor to M. J. Koelkebeck, Pittsburgh, Pa. Railway vehicle. 2,047,148; July 7.
- Koelkebeck, Martha J. (See Koelkebeck, Carl W. A., assignor.)
- Koeller, Walter P., assignor to Pres-To-Fill Products Company, Chicago, Ill. Pouch. 2,058,158; Oct. 20.
- Koeln, George R., Richmond Heights, Mo., assignor, by mesne assignments, to Electrol Incorporated, Clifton, N. J. Combustion apparatus. 2,053,003; Sept. 1.
- Koenig, Elmer E., Garfield Heights, assignor to The Mills Company, Cleveland, Ohio. Portable partition. 2,033,289; Mar. 10.
- Koenig, Elmer E., Garfield Heights, and W. G. Hult, Cleveland, Ohio. Transom operator. 2,063,883; Dec. 8.
- Koenig, Fred, Tottenville, N. Y. Apparatus to facilitate insertion of armatures within casings. 2,043,546; June 9.
- Koenig, Henry F., Chicago, Ill. Colostomy appliance. 2,048,392; July 21.
- Koenig, John, Philadelphia, assignor to Benjamin C. Betner Company, Devon, Pa. Apparatus for making bags. 2,044,476; June 16.
- Koenig, Paul, assignor of forty per cent to David T. Kay, and twenty per cent to J. L. McCarthy, Chicago, Ill. Time controlled reproducer and amplifier. 2,063,385; Dec. 8.
- Koenig, Walter J., Philadelphia, Pa. Composition of matter and making the same. 2,058,596; Oct. 27.
- Koenig, Walter J., assignor to Sloane-Blabon Corporation, Philadelphia, Pa. Composition of matter and making the same. 2,058,597; Oct. 27.
- Koenig, Walter J., assignor to Sloane-Blabon Corporation, Philadelphia, Pa. Composition of matter and making the same. 2,058,598; Oct. 27.
- Koenig, Walter J., and R. H. Pohl, Philadelphia, Pa. Composition of matter and making the same. 2,047,149; July 7.
- Koenig, Walter J., R. H. Pohl, and R. W. Walter, Philadelphia, Pa. Composition of matter and making the same. 2,047,150; July 7.
- Koenig, Werner, Lucerne, assignor to Landis & Gyr, A.-G., Zug, Switzerland. Frequency controlled mechanism. 2,035,132; Mar. 24.
- Koenigkramer, Frank, and F. Koenigkramer, Cincinnati, Ohio. Adjustable hospital litter. 2,035,321; Mar. 24.
- Koenigkramer, Frederick. (See Koenigkramer, Frank and F.)
- Koenigsberger, Franz, assignor to Parfumerie St. Denis, New York, N. Y. Stable depilatory. 2,031,489; Feb. 18.
- Koenigsberger, Lawrence, Washington, D. C. Bridge table. 2,036,148; Mar. 31.
- Koepfle, Regina, et al. (See Rose, William O., assignor.)
- Koepke, Edward C., assignor to The Bishop & Babcock Sales Company, Cleveland, Ohio. Refrigerating means and method. 2,026,838; Jan. 7.
- Koepf, Rudolph, & Co., Chemische Fabrik A. G. (See Dragendorff, Otto, assignor.)
- Koepf, Rudolph, & Co., Chemische Fabrik A. G. (See Elöd, E., and Dragendorff, assignors.)
- Koepf, Rudolph, & Co. Chemische Fabrik A. G. (See Enderli, M., and Schrodt, assignors.)
- Koerding, Paul. (See Klein, R., Ulrich, and Koerding.)
- Koerding, Paul. (See Ulrich, H., and Koerding.)
- Koerding, Paul. (See Ulrich, H., Koerding, and Nueslein.)
- Koerding, Paul, C. Schoeller, and H. Ulrich, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of sulphuric derivatives of fatty acid compounds. 2,045,015; June 23.
- Koerner, Charles A. (See Cornell, E. S., Koerner, and Stoops.)
- Koester, Erwin, Bergnenstadt, Germany. Minute sand glass. 2,064,759; Dec. 15.
- Koester, Frederick A. (See Farley, G. E., and Koester.)
- Koester, Herman, assignor to The Bristol Company, Waterbury, Conn. Imprinting means for identifying charts of recording instruments. 2,029,029; Jan. 28.
- Koester, John P., Piqua, Ohio. Papermaker's felt. 2,041,137; May 19.
- Koether, Emil A., assignor, by mesne assignments, to The Bartlett Hayward Company, Baltimore, Md. Method of expanding pistons. 2,032,020; Feb. 25.
- Koether, Emil A., assignor to The Bartlett Hayward Company, Baltimore, Md. Apparatus for expanding pistons. 2,041,355; May 19.
- Kögel, Wilhelm, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,059,877; Nov. 3.
- Kögel, Wilhelm G., and N. Widell, Stockholm, Sweden, assignors, by mesne assignment, to Servel, Inc., Dover, Del. Refrigeration. 2,027,779; Jan. 14.
- Kögel, Wilhelm G., and N. E. Widell, Stockholm, Sweden, assignors, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,059,876; Nov. 3.
- Koh-1-noor Blaistiftfabrik L. & C. Hardtmuth. (See Steuer, Stefan, assignor.)
- Kohl, Charles E., Harvey, Ill., assignor to Western-Austin Company. Transport truck. 2,029,489; Feb. 4.
- Kohl, Leo, Hollis, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Printing plate trimming mechanism. 2,051,171; Aug. 18.
- Kohler, Anthony M., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Making comosite brick. 2,050,225; Aug. 4.
- Kohler, Carl J., Kohler, Wis. Diverter valve. 2,043,668; June 9.
- Kohler, Carl J., Kohler, Wis. Supply and waste fitting. 2,044,249; June 16.
- Kohler, Charles T. (See McCann, G. M., and Kohler.)
- Kohler, Harriet S., Larchmont, N. Y., and F. R. MacKinnon, Westport, Conn. Lady's garment. 2,032,323; Feb. 25.
- Köhler, Heinrich, Magdeburg, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Scraper for classifying grates. 2,054,984; Sept. 22.
- Köhler, Hugo. (See Tschunkur, E., and Köhler.)
- Köhler, Martha, geb. Hain, Landsberg Warthe, Germany. Beer cooling apparatus. 2,047,970; July 21.
- Kohler, Otto P. (See Brownlee, R. H., and Kohler.)
- Köhler, Peter, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Absorption refrigeration system. 2,051,723; Aug. 18.
- Köhler, Peter, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigerator. 2,059,878; Nov. 3.



- Kohler, Theodor B., Flint, Mich. Transmission. 2,034,302; Mar. 17.
- Kohlhagen, Walter, assignor to The Waterbury Clock Company, Waterbury, Conn. Oil-chamber for electric clocks. 2,038,299; Apr. 21.
- Kohlsaat, Carl, assignor of one-half to F. E. Foster, Brookfield, Ill. Tuning radio receiving apparatus. 2,048,872; July 28.
- Kohn, Samuel, Bronx, N. Y. Automatic start and stop device. 2,056,010; Sept. 29.
- Kohr, Robert F., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,031,717; Feb. 25.
- Kohr, Robert F., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,038,224; Apr. 21.
- Kohr, Robert F., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,064,613; Dec. 15.
- Kohrer, Alfred, assignor to The Closure Service Company, Toledo, Ohio. Closure for bottles and jars. 2,041,768; May 26.
- Kohut, Frank J., Baltimore, Md. Joint assembly. 2,061,198; Nov. 17.
- Kola, Harry C., Brooklyn, N. Y. Washable rubber necktie. 2,038,365; Apr. 21.
- Kolb, Viktor, Frankfurt-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Apparatus for burning low-grade fuels, especially refuse. 2,029,576; Feb. 4.
- Kolber, Lillian. (See Luderoff, Louis, assignor.)
- Kold-Hold Manufacturing Company. (See Chamberlain, Clark W., assignor.)
- Kole, Lessing L., Wauwatosa, Wis. Cosmetic puff. 2,053,565; Sept. 8.
- Kolff, Petrus van S., Philadelphia, Pa. Speed indicator. 2,059,118; Oct. 27.
- Kolitsch, Vlado, New York, N. Y. Removable shoulder rest for violins. 2,064,925; Dec. 22.
- Koll, Otto, and A. M. Siess, assignors to The W. S. Tyler Company, Cleveland, Ohio. Tread surface element. 2,056,677; Oct. 6.
- Kollath, Bernard. (See Sundt, E. V., and Kollath.)
- Kollberg, Gustaf L., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Butterfly valve. 2,058,996; Oct. 27.
- Kollbrunner, Heinrich. (See Rudin, E., and Kollbrunner.)
- Kolle, Wilhelm J., Hallensleben, K. Streitwolf, and H. Bauer, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Compounds of an N-hydroxypropyl arsanilic acid. 2,050,574; Aug. 11.
- Kollek, Leo. (See Jordan, O., Kolek, and Ufer.)
- Kollek, Leo, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Fibrous filling materials for stuffing purposes. 2,054,131; Sept. 15.
- Kollek, Leo, Ludwigshafen-on-the-Rhine, and M. Jahrstorfer, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Dressing and polishing agents. 2,045,393; June 23.
- Koller, Emil, Zurich, Switzerland. Closure for collapsible tubes. 2,040,091; May 12.
- Koller, Fred. (See Pachner, L., and Koller.)
- Koller, Herman H., and W. G. Dery, Amsterdam, N. Y. Roller shade. 2,027,107; Jan. 7.
- Kollhof, Arnold, Spandau-West, Germany, assignor to General Electric Company. Manufacturing welded articles. 2,032,990; Mar. 3.
- Kolling, Arthur J., Minneapolis, Minn. Apparatus for applying thermo-penetration. 2,056,678; Oct. 6.
- Kolman, Jacob, assignor to Edward Katzinger Company, Chicago, Ill. Cake pan. 2,028,671; Jan. 21.
- Kollmorgen, Frederick L. G., Mountain Lakes, N. J. Navigation instrument. 2,037,030; Apr. 14.
- Kollsman, Paul. (See Nowka, Werner, assignor.)
- Kollsman, Paul, Woodhaven, N. Y. Lag compensating device. 2,031,837; Feb. 25.
- Kollsman, Paul, Woodhaven, N. Y. Universally balanced aircraft indicator. 2,034,909; Mar. 24.
- Kollsman, Paul, Woodhaven, N. Y. Level flight indicator. 2,036,581; Apr. 7.
- Kollsman, Paul, Woodhaven, N. Y. Fuel gauge. 2,036,582; Apr. 7.
- Kollsman, Paul, New York, N. Y. Magnetic compass. 2,041,072; May 19.
- Kollsman, Paul, New York, N. Y. Indicator. 2,052,409; Aug. 25.
- Kölm, Ulrich, Berlin, Germany, assignor to International Business Machines Corporation, New York, N. Y. Punching machine. 2,039,806; May 5.
- Kolster, Frederick A., New York, N. Y., assignor to Federal Telegraph Company, Newark, N. J. High frequency circuit. 2,031,490; Feb. 18.
- Kolterman, Hugo A., San Marcos, Tex. Tractor implement. 2,046,466; July 7.
- Komarewsky, Vasil. (See Ipatieff, V., and Komarewsky.)
- Kommer, Fred A., assignor to Carter Carburetor Corporation, St. Louis, Mo. Fuel supply device. 2,055,356; Sept. 22.
- Kondo, Heizaburo, S. Ikawa, and Y. Kobayashi, Tokyo, Japan. Preparing pseudo-bufatalin. 2,062,667; Dec. 1.
- Kondolf, Henry, assignor to Southern Kraft Corporation, New York, N. Y. Carton and blank for forming the same. 2,031,111; Feb. 18.
- Kondolf, Henry, assignor to Southern Kraft Corporation, New York, N. Y. Carton and blank for forming the same. 2,054,633; Sept. 15.
- Kondrup, John D., Keyport, N. J. Spark plug protector. 2,408,270; July 21.
- Konecke, William, Bradley Beach, N. J. Fingernail stencil. 2,055,357; Sept. 22.
- Konetsky, John R., San Francisco, Calif. Spring hanger. 2,061,199; Nov. 17.
- Kongsted, Ludvig P. (See Martin, J. F., and Kongsted.)
- Kongsted, Ludvig P., Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Stator structure for dynamo electric machines. 2,061,839; Nov. 24.
- Konheim, Harvey S., Lynbrook, and W. J. Albersheim, New York, N. Y. Viscosity measuring device. 2,038,432; Apr. 21.
- König, Erwin, Berlin-Neukoelln, assignor to Allgemeine Elektrizitätsgesellschaft, Berlin, Germany. Indicator for radio receivers. 2,059,248; Nov. 3.
- König, Jozsef, Budapest, Hungary. Apparatus for producing vibrating light effects. 2,040,006; May 5.
- Koninklijke Nederlandsche Hoogovens en Staalfabrieken N. V. (See Ledeboer, Jeremias H., assignor.)
- Konkle, Walter R. (See Biewend, E. C., and Konkle.)
- Konoff, Alexander, New York, and L. J. Grubman, Belle Harbor, assignors to Margon Corporation, New York, N. Y. Doll's head. 2,051,865; Aug. 25.
- Konrad, Erich. (See Breuers, W., Mark, and Konrad.)
- Konrad, Erich. (See Zeh, L., and Konrad.)
- Kontroll A.-G. (See Jezler, Hubert, assignor.)
- Kontz, Ernest C., Jr. (See Ezzard, H. S., and Kontz.)
- Koon, Archie W., assignor to Columbian Rope Company, Auburn, N. Y. Preservative means for ropes and the like. 2,031,267; Feb. 18.
- Koon, Austin E., Gainesville, Tex. Washing machine. 2,041,293; May 19.
- Koons, Charles V., assignor to American Engineering Company, Philadelphia, Pa. Steering mechanism. 2,029,378; Feb. 4.
- Koons, Charles V., assignor to American Engineering Company, Philadelphia, Pa. Mooring device. 2,033,035; Mar. 3.
- Koons, Sydney R., Cleveland, Ohio. Attachable handle for paper cups. 2,029,429; Feb. 4.
- Koonz, Earl R., and O. E. Koehler, assignors to Greenfield Tap and Die Corporation, Greenfield, Mass. Tube threading device. 2,043,353; June 9.
- Kooperativa Forbundet Förening u. p. a. (See Ohlsén, Ragnar A., assignor.)
- Kooperative Forbundet Forening u. p. a. (See Seving, F. W., Bargqvist, and Olsson, assignors.)
- Kootz, Arthur C., assignor to Gem Hammock and Fly Net Company, Milwaukee, Wis. Mop holder. 2,064,015; Dec. 15.
- Kopeliowitch, Jakob, and W. Wanger, assignors to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric switch. 2,052,232; Aug. 25.
- Kopeliowitch, Jakob, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Grounding coil tuning system. 2,040,697; May 12.
- Kopetz, Josef, Vienna, Austria. Device for making flexible tubing from strip material. 2,033,717; Mar. 10.
- Kopf, John C., assignor to Jabez Burns & Sons, Inc., New York, N. Y. Granulating apparatus. 2,059,249; Nov. 3.
- Kopinski, Louis, Cicero, assignor to John E. Fast & Company, Chicago, Ill. Tubular condenser. 2,029,430; Feb. 4.
- Kopinski, Louis, Cicero, assignor to John E. Fast & Company, Chicago, Ill. Hermetically sealed condenser. 2,047,273; July 14.
- Kopke, Adolf. (See Krauss, F., and Köpke, assignors.)
- Koplin, Harry, Chicago, Ill., assignor, by mesne assignments, to Reconstruction Finance Corporation. Method of and apparatus for starching garments. 2,052,354; Aug. 25.
- Koplin, Harry, Chicago, Ill., and J. Maki, Syracuse, assignors, by mesne assignments, to United States Hoffman Machinery Corporation, New York, N. Y. Cylinder for washing machines. 2,057,035; Oct. 13.
- Kopp, Georges, Rozen, assignor to Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies, Etablissements Kuhlmann, Paris, France. Metallizable azodyestuffs and their production. 2,038,942; Apr. 28.
- Kopp, Peter, Berlin-Friedenau, Germany. Method and apparatus for the production of molded articles. 2,050,100; Aug. 4.
- Koppe, Alexander T., Hasbrouck Heights, N. J. Vacuum frame arrangement. 2,032,485; Mar. 3.
- Koppe, Alexander T., Hasbrouck Heights, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Vacuum printing frame. 2,064,063; Dec. 15.
- Koppe, Alexander T., New York, N. Y. Adjustable plate cylinder for printing presses. 2,045,151; June 23.
- Koppe, Alexander T., New York, N. Y. Sheet transfer mechanism for printing presses. 2,061,033; Nov. 17.
- Koppe, Alexander T., Passaic, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Photo composing machine. 2,043,802; June 9.
- Koppe, Georg, Prague, Czechoslovakia. Carburetor. 2,065,334; Dec. 22.
- Koppe, William P., assignor to The Scholl Mfg. Co., Inc., Chicago, Ill. Footpad. 2,057,722; Oct. 20.
- Koppel, Ernest, Huntington Beach, assignor to Patco, Inc., Los Angeles, Calif. Reamer. 2,033,638; Mar. 10.



- Koppel, Ernest R., assignor to Bendix Products Corporation, South Bend, Ind. Milling machine. 2,057,721; Oct. 20.
- Koppel Industrial Car and Equipment Company. (See Abkowitz, H. E., and Freshwater, assignors.)
- Koppel Industrial Car and Equipment Company. (See Anderson, John P., assignor.)
- Koppel Industrial Car and Equipment Company. (See Pehrson, Alfred K., assignor.)
- Koppel Industrial Car and Equipment Company. (See Sarosdy, Louis J., assignor.)
- Koppel Industrial Car and Equipment Company. (See Schmohl, Alfred C., assignor.)
- Koppel Industrial Car and Equipment Company. (See Wetzig, August K., assignor.)
- Koppel, Morris D. (See Bustamante, Cesar, assignor.)
- Koppel, Rudolf. (See Büchels, W., and Koppel.)
- Köppelmann, Alfred. (See Martin, F., Grimme, and Köppelmann.)
- Köppelmann, Floris, and W. Kaufmann, Berlin-Siemensstadt, and F. Kesselring, Berlin-Hermsdorf, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,061,945; Nov. 24.
- Kopper's Company. (See Kuehn, Paul M., assignor.)
- Koppers Company. (See Mason, John A., assignor.)
- Koppers Company of Delaware, The. (See Bragg, Gilbert A., assignor.)
- Koppers Company of Delaware, The. (See Butterworth, C. E., and Schwab, assignor.)
- Koppers Company of Delaware, The. (See Hansen, Christian J., assignor.)
- Koppers Company of Delaware, The. (See Huffman, D. D., and Shively, assignors.)
- Koppers Company of Delaware, The. (See Montgomery, Elwood W., assignor.)
- Koppers Company of Delaware, The. (See Shaw, Joseph A., assignor.)
- Koppers Company of Delaware, The. (See Shively, Walter L., assignor.)
- Koppers Company of Delaware, The. (See Van Ackeren, Paul, assignor.)
- Koppers Gas and Coke Company. (See Kester, Ernest B., assignor.)
- Koppers Products Company. (See Durfee, Elton F., assignor.)
- Koppitz, Carl G., assignor to Railway & Industrial Engineering Co., Greensburg, Pa. Electrical switch. 2,062,580; Dec. 1.
- Kops Brothers Inc. (See Hirsch, Joseph, assignor.)
- Kops Brothers, Inc. (See Kops, Waldemar and S. D., assignors.)
- Kops, Stanley D. (See Kops, Waldemar and S. D.)
- Kops, Waldemar and S. D., assignors to Kops Brothers, Inc., New York, N. Y. Corset and the like. 2,040,657; May 12.
- Kopsch, Herbert E., assignor to Brown-McLaren Manufacturing Company, Detroit, Mich. Chuck mechanism. 2,040,517; May 12.
- Kopsch, Ulrich. (See Walker, W. O., and Kopsch.)
- Korach, Dean, Milford, Conn. Refuse incinerator. 2,035,167; Mar. 24.
- Koran, Hugo F., St. Paul, Minn. Combination clothes and dust chute. 2,038,659; Apr. 28.
- Korbisser, Anton, Edmonton, Alberta, Canada. Animal trap. 2,059,119; Oct. 27.
- Korbuly, Károly, Csepel, Hungary, assignor to Alfina Immobilien-Finanzierungs- & Verwaltungs A. G., Glarus, Switzerland. Tube rolling process. 2,041,937; May 26.
- Korbuly, Károly, Csepel, Hungary, assignor to Alfina Immobilien-Finanzierungs- & Verwaltungs A. G., Glarus, Switzerland. Manufacture of seamless pipes. 2,044,358; June 16.
- Koree, Jean U. (See Hyde, George J., assignor.)
- Koren, Gustav, New York, N. Y. Magazine filling machine and dispenser magazine. 2,040,747; May 12.
- Korengold, John A., Chicago, Ill. Nerve testing device. 2,053,086; Sept. 1.
- Koreska, Wilhelm, and R. Lant, Vienna, Austria. Recording support. 2,040,142; May 12.
- Korff, Arnold. (See Guziel, A. A., and Korff.)
- Korff, Fred H., Bayside, N. Y. Marker for highways. 2,043,414; June 9.
- Korhonen, Toivo, Tampere, assignor to Vaino Tammenoksa, Lappeenranta, Finland. Stringed musical instrument with amplifier. 2,039,227; Apr. 28.
- Korinsky, Abram, Detroit, Mich. Portable refrigerator. 2,057,036; Oct. 13.
- Korinith, Erich, Frankfurt-on-the-Main-Hochst, and G. Meder, Munster in Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Inorganic colored pigment and preparing the same. 2,028,980; Jan. 28.
- Korling, Torkel, Chicago, Ill., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Camera mechanism. 2,029,238; Jan. 28.
- Kormann Aero-Safety Appliance, Inc. (See De Beeson, George, assignor.)
- Kormann, Frederick A., Glendale, and W. F. Hirsch, Huntington Park, assignors to Industrial Research Laboratories, Ltd., San Francisco, Calif. Hard cast iron alloy. 2,046,912; July 7.
- Kormann, Frederick A., Glendale, and W. F. Hirsch, Huntington Park, assignors to Industrial Research Laboratories, Ltd., San Francisco, Calif. Hard ferrous alloy. 2,046,913; July 7.
- Kormann, Frederick A., Glendale, and W. F. Hirsch, Huntington Park, assignors to Industrial Research Laboratories, Ltd., San Francisco, Calif. Hard ferrous-lined tube. 2,046,914; July 7.
- Kornichuk, Fred, Pelham, N. H. Cloth stretching apparatus. 2,053,669; Sept. 8.
- Körös, Ladislaus, Berlin-Mariendorf, and K. Hallen, Berlin-Tempelhof, Germany. Arrangement for deriving currents. 2,065,280; Dec. 22.
- Korschan, Heinz. (See Rittershausen, F., and Korschan.)
- Korsmo, Alfred, Hopkins, assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Combine reel. 2,047,274; July 14.
- Korsmo, Torbjorn C., assignor to Madison-Kipp Corporation, Madison, Wis. Die casting machine. 2,033,036; Mar. 3.
- Kort, Ludwig, Hanover, Germany. Combined device of a ship's propeller enclosed by a nozzle. 2,030,375; Feb. 11.
- Korte, Alfred C., assignor to Metalcraft Corporation, St. Louis, Mo. Coaster wagon. 2,036,149; Mar. 31.
- Korte, Alfred C., assignor to Metalcraft Corporation, St. Louis, Mo. Front axle assembly for coaster wagons. 2,036,150; Mar. 31.
- Korte, Charles, Teaneck, assignor to Lowe Paper Company, Ridgefield, N. J. Bottle carrier. 2,026,525; Jan. 7.
- Korten, Ernst. (See Brodersen, K., Behncke, and Korten.)
- Körting, Max, and F. Werner, Leipzig, Germany. Electric arc lamp. 2,062,419; Dec. 1.
- Kortlandt, Felix., Pittsburg, assignor to Shell Development Company, San Francisco, Calif. Flow meter. 2,038,511; Apr. 21.
- Korwan, Henry B., Brooklyn, assignor to American Can Company, New York, N. Y. Container closure. 2,058,468; Oct. 27.
- Korytar, Dominick, Chicago, Ill. Shoe lengthening device. 2,046,170; June 30.
- Kosanovich, Burke B., assignor of forty per cent to R. A. Nelson, Milwaukee, Wis. Combination roller and ice skate. 2,035,897; Mar. 31.
- Kosman, John, and C. S. Brykczynski, New York, assignors to Geo. F. Stubmer & Company, Brooklyn, N. Y. Conveyor apparatus for dough-working machinery. 2,036,531; Apr. 7.
- Kösslinger, Karl. (See Esselmann, P., and Kösslinger, assignors.)
- Kösslinger, Karl, and A. Bayerl, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of viscose. 2,065,188; Dec. 22.
- Koster, Milton S., Brooklyn, N. Y. Tooth paste cap or the like. 2,058,599; Oct. 27.
- Köster Werner, Krefeld, assignor to Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Treating cobalt-tungsten-chromium alloys. 2,027,780; Jan. 14.
- Köster, Werner, Dortmund, assignor, by mesne assignments, to Deutsche Edelstahlwerke Aktiengesellschaft, Crefeld, Germany. Permanent magnet. 2,036,281; Apr. 7.
- Köster, Wilhelm, and A. Dussmann, Frankfurt-on-the-Main, Germany, said Dussmann assignor to said Koster. Fuel pump for Diesel engines with air-free injection. 2,033,579; Mar. 10.
- Kosvich, Bess, New York, N. Y. Bird cage seed guard frame. 2,028,612; Jan. 21.
- Kotelevtseff, Serge G., New York, N. Y. Adjustable propeller. 2,041,611; May 19.
- Kothe, Frank, Washington, D. C. Waterproofing building cellar foundation walls. 2,050,798; Aug. 11.
- Kothman, John F., Minneapolis, Minn., assignor of one-half to F. T. Persinger. Sight testing device. 2,045,952; June 30.
- Kotowski, Bernard A., Meadville, Pa., assignor to Hookless Fastener Company. Separable fastener slider. 2,048,636; July 21.
- Kotowski, Paul, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Variable resistor unit. 2,042,606; June 2.
- Kotrbaty, Guy F., New York, N. Y., assignor to Ferrocon Corporation, Bryn Mawr, Pa. Building construction. 2,062,890; Dec. 1.
- Kott, Herbert C., administrators et al. (See Goldberger, N. S., Weiss, and Gress.)
- Kott, Hermann, New York, N. Y., assignor, by mesne assignments, to Ion Corporation, Short Hills, N. J. Humidity measuring device. 2,047,638; July 14.
- Kottek, Frank. (See Bersworth, Frederick C., assignor.)
- Kottemann, Otto A., assignor to Guardian Gauge Company, Detroit, Mich. Electrical outlet. 2,035,657; Mar. 31.
- Kottlowski, Clarence P., and C. C. Dreyer, assignor to Diamond Chain and Manufacturing Company, Indianapolis, Ind. Chain tightener. 2,051,488; Aug. 18.
- Kottmann, August, assignor to Rheinische Metallwaaren- und Maschinenfabrik Soemmerda, Sommerda, Thuringia, Germany. Calculating machine. 2,034,345; Mar. 17.
- Kottmann, August, assignor to Rheinische Metallwaaren- und Maschinen-Fabrik Sommerda Aktiengesellschaft Sommerda, Germany. Device for the automatic clearing of the registers of computing machines. 2,034,724; Mar. 24.



- Kottmann, August, assignor to Rheinische Metallwaren und Maschinenfabrik Sommerda Aktiengesellschaft, Sommerda, Germany. Calculating machine with automatic multiplying device and with result and totalizing registers. 2,035,322; Mar. 24.
- Kottmann, August, Sommerda, assignor to Rheinische Metallwaren-und Maschinenfabrik, Dusseldorf, Germany. Calculating machine. 2,046,329; July 7.
- Kottmann, August, assignor to Rheinische Metallwaren-und Maschinenfabrik Sommerda Aktiengesellschaft, Sommerda, Germany. Automatic operating device for use with calculating machines. 2,054,904; Sept. 22.
- Kottmann, August, assignor to Rheinische Metallwaren-und Maschinenfabrik Sommerda Aktiengesellschaft, Sommerda, Germany. Zero-setting mechanism. 2,054,905; Sept. 22.
- Kotzin, Adolph A., Chicago, assignor of one-half to T. T. Metzel, Highland Park, Ill. Shoe. 2,037,170; Apr. 14.
- Koubek, John L., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Lens for head lamps and the like. 2,033,382; Mar. 10.
- Koubek, John L., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Asymmetrical head lamp. 2,056,726; Oct. 6.
- Koubek, John L., and C. A. Michel, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Lighting system. 2,033,381; Mar. 10.
- Koulichkov, Serge N., Asheville, N. C. Surveying rod. 2,058,998; Oct. 27.
- Koupal, Walter G., Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Glass tank and operating the same. 2,042,852; June 2.
- Kousin, Harry, assignor to R. Kousin, New York, N. Y. Watchcase. 2,062,891; Dec. 1.
- Kousin, Rose. (See Kousin, Harry, assignor.)
- Kovach, Charles E. (See Trattner, G., and Kovach.)
- Kovach, Imre, Bronx, N. Y. Shockproof undercarriage. 2,052,309; Aug. 25.
- Kovalik, Anthony, Whitaker, Pa. Clothesline prop. 2,032,132; Feb. 25.
- Kovalsky, Joseph F., Turtle Creek, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system. 2,032,176; Feb. 25.
- Kovar, Charles R., Richmond Hill, assignor to Julius Kayser & Company, Brooklyn, N. Y. Knitted fabric glove and manufacturing the same. 2,044,909; June 23.
- Kovar, John H., Worcester, assignor to Whitin Machine Works, Whitinsville, Mass. Tape condenser. 2,044,217; June 16.
- Kovar, Jos. J., Co. (See King, Clark C., assignor.)
- Kovats, John, Fairfield, assignor to The Leg-O-Matic Company, Bridgeport, Conn. Folding article of furniture. 2,054,755; Sept. 15.
- Kowalski, Alexander, Los Angeles, Calif. Flatiron attachment. 2,033,580; Mar. 10.
- Kowalsky, Andrew, Oak Park, Ill., assignor to International Harvester Company. Steel needle for grain and corn binders. 2,034,910; Mar. 24.
- Kowalsky, Andrew, Oak Park, Ill., assignor to International Harvester Company. Corn binder. 2,034,911; Mar. 24.
- Kowalsky, Andrew, Oak Park, Ill., assignor to International Harvester Company. Discharge arm for corn binders. 2,034,912; Mar. 24.
- Kowalsky, Andrew, Oak Park, Ill., assignor to International Harvester Company. Stalk gathering means for corn binders. 2,062,581; Dec. 1.
- Kowalsky, Andrew, Oak Park, Ill., assignor to International Harvester Company. Butt pan and adjustment for corn binders. 2,062,582; Dec. 1.
- Kozak, Albert F. (See Handforth, S. L., and Kozak.)
- Kozanowski, Henry N., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Short wave oscillator. 2,060,508; Nov. 10.
- Kozikowski, Henry, West Springfield, Mass. Night fishing device. 2,032,537; Mar. 3.
- Krackowizer, Hermann J., assignor to O. Wolff, Chicago, Ill. Constructing radiator fins. 2,047,207; July 14.
- Kraeft, Herman L., assignor to Murray-Ohio Manufacturing Company, Cleveland, Ohio. Stoking furnaces. 2,027,485; Jan. 14.
- Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Juvenile automobile body structure. 2,036,813; Apr. 7.
- Kraemer, Albert J., Washington, D. C. Improving mineral oils containing lime. 2,065,281; Dec. 22.
- Kraemer, Edward, Plain, Wis. Crusher. 2,034,401; Mar. 17.
- Kraemer, Julius H., Arlington, assignor to Brier Manufacturing Company, Providence, R. I. Monogram unit. 2,061,428; Nov. 17.
- Kraemer, Lawrence G., Maspeth, and G. W. Burroughs, Ridgewood, assignors to Gotham Optical Instrument and Machinery Corp., New York, N. Y. Edge grinder for optical lenses. 2,054,985; Sept. 22.
- Krauter, Arthur A., South Orange, N. J., assignor to The Kroydon Company. Golf club joint. 2,039,320; May 5.
- Krauter, Arthur A., South Orange, N. J., assignor to The Kroydon Co., Inc. Golf club joint. 2,045,273; June 23.
- Krauter, Arthur A., South Orange, N. J., assignor to The Kroydon Company. Golf club. 2,060,872; Nov. 17.
- Krauter & Company. (See Gairdard Camille L., assignor.)
- Krafft & Weichardt. (See Hein, Hermann, assignor.)
- Krafft & Weichert. (See Weichardt, Rudolf, assignor.)
- Krafka, Stefan, Cicero, Ill. Oil can. 2,029,108; Jan. 28.
- Kraft, Anton, Olpe, Germany. Rope making machine. 2,056,470; Oct. 6.
- Kraft, George H., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Comminuted shortening. 2,035,899; Mar. 31.
- Kraft, Harry B., Sharon, Pa., assignor, by mesne assignments, to Bendix Cowdrey Brake Tester, Inc. Brake testing apparatus. 2,050,101; Aug. 4.
- Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Apparatus for making containers. 2,031,418; Feb. 18.
- Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Apparatus for use in forming cylindrical members of pliable material. 2,035,390; Mar. 24.
- Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Closure plug. 2,036,875; Apr. 7.
- Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Carboy carrier. 2,036,876; Apr. 7.
- Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Making resilient matting. 2,041,356; May 19.
- Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Making nonmetallic containers. 2,041,357; May 19.
- Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Tire tread. 2,048,635; July 21.
- Kraft, Leo E. (See Brandt, G. E., and Kraft.)
- Kraft-Phenix Cheese Corporation. (See Chapman, Charles F., assignor.)
- Kraft-Phenix Cheese Corporation. (See Clickner, Forest H., assignor.)
- Kraft-Phenix Cheese Corporation. (See Harris, Benjamin R., assignor.)
- Kraft-Phenix Cheese Corporation. (See Kraft, George H., assignor.)
- Kraft-Phenix Cheese Corporation. (See Schnur, Jacob, assignor.)
- Kraft, Selmer A., assignor to A. W. Miller, St. Paul, Minn. Beverage dispenser. 2,034,623; Mar. 17.
- Kraft, Wheaton W., East Orange, N. J., assignor to The Lummus Company, New York, N. Y. Method and apparatus for distilling oils. 2,053,670; Sept. 8.
- Kraffile Co. (See Myers, Albert C., assignor.)
- Krag, Erik L., Chicago, Ill. Loose leaf binder. 2,038,573; Apr. 28.
- Krag, Harry W., assignor to American Shoe Machinery and Tool Company, St. Louis, Mo. Sewing machine. 2,064,982; Dec. 22.
- Krag Maskin Fabrik A/S. (See Möller, Johan G. C., assignor.)
- Krahl, Walter L., Swampscott, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electron discharge tube. 2,042,607; June 2.
- Krahl, Walter L., Montclair, assignor, by mesne assignments, to Arcturus Development Company, Newark, N. J. Vacuum tube elements assembly. 2,052,882; Sept. 1.
- Krahl, Walter L., Swampscott, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electric discharge tube or the like. 2,054,221; Sept. 15.
- Krahl, Walter L., Montclair, N. J., assignor, by mesne assignments, to Arcturus Development Company. Element assembly for electron devices. 2,062,751; Dec. 1.
- Krajeski, George C., Philadelphia, Pa. Dental forceps. 2,030,798; Feb. 11.
- Krakauer, Samuel, and S. S. Marcus, New York, N. Y. Apparatus for tying coil springs together. 2,031,894; Feb. 25.
- Krakauer, Samuel, and S. S. Marcus, New York, N. Y. Equalizer for two-part beds. 2,056,727; Oct. 6.
- Krakowski, Stanley, Jersey City, N. J. Sound producing toy. 2,047,784; July 14.
- Kraill, Leo W., Houston, Tex. Well drilling unit. 2,056,471; Oct. 6.
- Kramer, Ernst, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Transmitter for electromagnetic waves. 2,028,510; Jan. 21.
- Kramer, Ernst, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electric indicator for comparing field intensities. 2,044,852; June 23.
- Kramer, Andrew A., Kansas City, Mo. Pressed steel cover for domes. 2,041,938; May 26.
- Kramer, Arthur H., Uniontown, Pa. Coin tester for vending machines. 2,058,600; Oct. 27.
- Kramer, Arthur P., assignor of one-fourth to N. Satara, one-fourth to M. Mlaganovich, Los Angeles, Calif., and one-fourth to M. H. Gillespie. Manhole construction. 2,051,172; Aug. 18.
- Kramer, Cletus F., deceased, Chicago, Ill., Central Republic Trust Company, executor, assignor, by mesne assignments, to Bausch & Lomb Optical Company, Rochester, N. Y. Evesglass mounting and producing same. 2,063,170; Dec. 8.
- Kramer, Dwight J., assignor of one-half to E. C. Donnelly, Hobart, Ind. Drip pan. 2,062,814; Dec. 1.
- Kramer, Frank, Cleveland Heights, Ohio. Clothesline fastener. 2,036,338; Apr. 7.
- Kramer, Leroy A., Chicago, Ill., assignor to Victor Chemical Works. Fiber treating composition. 2,057,960; Oct. 20.



- Kramer, Paul H. and J. C. Thompson, Detroit, Mich., assignors to Park Chemical Company. Sanding device. 2,028,874; Jan. 28.
- Kramer, Sam, Elizabeth, N. J., assignor to Beaux Arts Lighting Co., Inc., New York, N. Y. Light diffusion fixture. 2,063,744; Dec. 8.
- Kramer, William, Richmond Hill, assignor to Ideal Aeroplane & Supply Co., Inc., New York, N. Y. Toy airplane. 2,031,419; Feb. 18.
- Krammer, Henry E., Hempstead, N. Y. Aircraft. 2,029,778; Feb. 4.
- Kramp, Edward D., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Power transmitting belt. 2,031,565; Feb. 18.
- Kraner, Warren A., assignor to Cement Wrapped Pipe Company, Ltd., San Francisco, Calif. Manufacturing noncorrosive armored metal pipe. 2,030,515; Feb. 11.
- Krannert, Herman C., New Augusta, assignor to Fruit and Produce Packing, Inc., Indianapolis, Ind. Cushion pad. 2,064,122; Dec. 15.
- Krantz, H. Söhne. (See Hahn, Mathias, assignor.)
- Krantz, Herman F., Buenos Aires, Argentina, assignor to Otis Elevator Company, New York, N. Y. Elevator system. 2,052,634; Sept. 1.
- Krantz, Hubert, and H. Buysch, assignors to the firm of H. Krantz, Aachen, Germany. Apparatus for loading centrifugal extractors. 2,065,978; Dec. 29.
- Krantz, Hubert F., West Palm Beach, assignor to Recording Card Table Company, Inc., West Palm Beach, Fla. Recording safety game board. 2,029,928; Feb. 4.
- Krantz, Kasmer, Buffalo, N. Y. Vehicle windshield. 2,060,579; Nov. 10.
- Krantz, Rose, Brooklyn, N. Y. Dress protector. 2,052,144; Aug. 25.
- Kranz, Frederick H., Buffalo, assignor to National Aniline & Chemical Company, New York, N. Y. Manufacture of diarylamines. 2,038,574; Apr. 28.
- Kranz, Frederick H., Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Manufacture of arylinaphthylamines. 2,052,633; Sept. 1.
- Kranz, George, St. Albans, assignor of one-half to W. J. Rickerby, Brooklyn, N. Y. Adjustable outlet box. 2,048,611; July 21.
- Kranz, Philip, Philadelphia, and A. Hartmann, Elkins Park, assignors to B. Wilmsen, Philadelphia, Pa. Crinkled tinsel producing machine. 2,031,566; Feb. 18.
- Kranz, Philip, Philadelphia, and A. Hartmann, Elkins Park, assignors to Bernard Wilmsen, Philadelphia, Pa. Multi-crinkled tinsel. 2,033,340; Mar. 10.
- Kräzlein, Georg, Frankfurt-on-the-Main, H. Schlichenmaier, Kellheim in Taunus, and L. Schörnig, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Anthraquinone derivatives. 2,029,239; Jan. 28.
- Kränzlein, Georg, Frankfurt-on-the-Main-Hochst, and R. K. Müller, Bad Soden, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing self-hardening compositions and products obtainable thereby. 2,060,625; Nov. 10.
- Krassny, Jacques, assignor to Osten Chemical Corporation, New York, N. Y. Diamino-pyridine o-hydroxy benzoic acid salts. 2,043,547; June 9.
- Kratt, William, Townly Union, N. J. Musical instrument or toy organ. 2,038,741; Apr. 28.
- Kratz, Edouard M., Gary, Ind., assignor, by mesne assignments, to Marbo Products Corporation, Chicago, Ill. Casting transparent films. 2,027,829; Jan. 14.
- Kratz, Edouard M., Gary, Ind., assignor, by mesne assignments, to Marbo Products Corporation, Chicago, Ill. Film forming mechanism. 2,039,229; Apr. 28.
- Kratz, Edouard M., Gary, Ind., assignor, by mesne assignments, to Marbo Products Corporation, Chicago, Ill. Coated wrapping paper. 2,058,021; Oct. 20.
- Kratz, Edouard M., Gary, Ind. and E. Gebauer-Fuelnegg, Evansville, Ill., assignor, by mesne assignments, to Marbo Products Corporation, Chicago, Ill. Carrier web for the formation of thin transparent films. 2,028,936; Jan. 28.
- Kratz, Edouard M., Gary, Ind., and W. C. Wilson, assignors of one-half to Pyroxylin Products, Inc., and one-half to Marbo Products Corporation, Chicago, Ill. Moistureproof transparent material. 2,039,228; Apr. 28.
- Kratz, George D., Scarsdale, N. Y., assignor, by mesne assignments, to Caoutchouc Laboratoires, Inc. Machine for making rubber threads and making the same. 2,037,031; Apr. 14.
- Kratz, Michael W., Philadelphia, Pa. Hypodermic syringe. 2,043,832; June 9.
- Kratzer, Herbert J., St. Louis, Mo. Brake. 2,063,936; Dec. 15.
- Krauch, Carl, Ludwigshafen-on-the-Rhine, and M. Pier, Heidelberg, Germany, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Conversion of carbonaceous substances, tars, mineral oils, and the like into more valuable products. 2,035,133; Mar. 24.
- Krauch, Emil. (See Koeberle, K. Wolff and Krauch.)
- Krauer, Karl, Basel, assignor to the firm Chemical Industry in Basle, Basel, Switzerland. Manufacture of bromination products of vat dyestuffs. 2,027,914; Jan. 14.
- Krauger, Joseph E., Salem, Oreg. Crate, basket, and similar container. 2,050,342; Aug. 11.
- Kraus, Wilhelm, Vienna, Austria. Condensation products of the carbamide-formaldehyde type and making same. 2,033,718; Mar. 10.
- Kraus, Wilhelm, Vienna, Austria. Production of condensation. 2,040,207; May 12.
- Krause, Alfred. (See Mose, Josef F., assignor.)
- Krause, Charles E., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arrestor of extremely high discharge capacity. 2,060,509; Nov. 10.
- Krause, Conrad B., Cleveland, Ohio. Apparatus for preparing foods. 2,046,784; July 7.
- Krause, Daniel E. (See Williams, C. E., Krause, and Lorig.)
- Krause, Earnest J., Beverly Hills, Calif. Sound reproducing cabinet. 2,050,575; Aug. 11.
- Krause, Georg A., Munich, Germany, assignor to Katadyn, Inc., Dover, Del. Preserving milk. 2,028,072; Jan. 14.
- Krause, Georg A., Munich, Germany, assignor, by mesne assignments, to Katadyn Inc., New York, N. Y. Device for treating liquids. 2,042,534; June 2.
- Krause, Georg A., Munich, Germany, assignor to Katadyn, Inc., New York, N. Y. Sterilization of liquids by means of oligodynamy. 2,046,467; July 7.
- Krause, John, Col. Hipodromo, Mexico, D. F., Mexico. Strainer. 2,048,704; July 28.
- Krause, Richard F., assignor to The Enterprise Aluminum Company, Massillon, Ohio. Teakettle spout. 2,026,839; Jan. 7.
- Krause, Victor, Rockford, Mich., assignor of one-half to Horsting-Jones, Inc., and one-half to The Prime Manufacturing Company, Milwaukee, Wis. Leather supporting book. 2,036,761; Apr. 7.
- Krauss, Friedrich E., Schwarzenberg, Saxony, Germany. Washing machine. 2,062,668; Dec. 1.
- Krauss, Alwin, Frankfurt-on-the-Main-Griesheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Welding. 2,043,212; June 2.
- Krauss, Carl, Frankfurt-on-the-Main-Fechenheim, and A. Hagenböcker, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Leuco vat dyestuff paste for printing cloth. 2,045,477; June 23.
- Krauss, Ferdinand, Brunswick, and A. Köpke, Leipzig, Germany. Process and apparatus for producing hydrogen peroxide. 2,051,951; Aug. 25.
- Krauss, Karl, Frankfurt-on-the-Main-Fechenheim, and A. Hagenböcker, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Stable reduction compounds of the thioindigolide series and preparing them. 2,044,796; June 23.
- Krauss, Karl, Frankfurt-on-the-Main-Fechenheim, and A. Hagenböcker, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Stable reduction compounds of the 4,7,4',7'-tetraalkyl-5,5'-dihalogen-thio-indigos and preparing them. 2,045,475; June 23.
- Krauss, Karl, Frankfurt-on-the-Main-Fechenheim, and A. Hagenböcker, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Printing preparations and a process of printing with said preparations. 2,045,476; June 23.
- Krauss & Reichert Spezialmaschinenfabrik und Apparatebau G. m. b. H. (See Reichert, Karl, Jr., assignor.)
- Krauss, William C., et al. (See Wickliffe, Charles A., assignor.)
- Krauss, William C. (See Nash, G. J., and Krauss.)
- Kraut, Hans B., and K. F. Gallimore, assignors to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Headstock for machine tools. 2,027,385; Jan. 14.
- Kraut, Hans B., and K. F. Gallimore, assignors to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Protective means for guideways. 2,033,141; Mar. 10.
- Kraut Machinery Corporation, The. (See Sharpe, Ira G., assignor.)
- Kraut, Max, assignor to Pan-American Engineering Corporation, Ltd., San Francisco, Calif. Apparatus for recovering values from ore pulp. 2,044,250; June 16.
- Krauter, William W., Jr., Cortland, Nebr. Dandelion and weed picker. 2,033,431; Mar. 10.
- Krauth & Benninghofen. (See Krauth, Marie W., assignor.)
- Krauth, Marie W., assignor to Krauth & Benninghofen, Hamilton, Ohio. Typewriter attachment. 2,031,962; Feb. 25.
- Krautschneider, Josef. (See Back, A., and Krautschneider.)
- Kreck, Anthony, McKeesport, Pa. Combined electric switch and reserve fuse mounting. 2,053,997; Sept. 8.
- Krechma, Ignace J., Brooklyn, Md., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Reducing titanium sulphate liquors. 2,047,208; July 14.
- Krechma, Ignace J., Brooklyn, Md., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Cyclic process for reducing titanium sulphate. 2,049,504; Aug. 4.
- Kreag, Malcolm G., West Los Angeles, Calif., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Tool and making same. 2,065,898; Dec. 29.
- Krebs, Edmund P., assignor to The Burger Iron Company, Akron, Ohio. Camp stove. 2,033,898; Mar. 10.
- Krebs Pigment & Color Corporation. (See Blumenfeld, J., and Mayer, assignors.)
- Krebs Pigment and Color Corporation. (See von Bichowsky, Foord, assignor.)



- Krebs, Adolf, assignor to the firm J. R. Geigy, A. G., Basel, Switzerland. Diazo dyestuff and its production. 2,032,133; Feb. 25.
- Krebs, Adolf, assignor to the firm J. R. Geigy, A. G., Basel, Switzerland. Insoluble diazo dyestuffs of the benzidine series and their production. 2,036,944; Apr. 7.
- Krebs, Adolf, Riehen, near Basel, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Azo-dyestuffs and their manufacture. 2,052,477; Aug. 25.
- Krecek, Joseph A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter system. 2,032,421; Mar. 3.
- Krecek, Joseph A., Brooklyn, N. Y., and C. C. Munro, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter system. 2,058,601; Oct. 27.
- Krefft, Hermann. (See Fehse, A., and Krefft.)
- Krefft, Hermann. (See Haucke, A., and Krefft.)
- Krefft, Hermann, Berlin-Friedrichshafen, Germany, assignor to General Electric Company. Electric gaseous discharge device. 2,056,926; Oct. 6.
- Krefft, Hermann, Berlin-Schmargendorf, Germany, assignor to General Electric Company. Gaseous electric discharge device. 2,042,261; May 26.
- Kregling, Adolf, Stratford, Conn. Intermittent grip device. 2,035,168; Mar. 24.
- Krehbiel, J. J. (See Krehbiel, John, assignor.)
- Krehbiel, John, Bronx, assignor to J. J. Krehbiel, New York, N. Y. Flat wire for weaving single piece pile fabric. 2,048,456; July 21.
- Kreichbaum, John P., Minneapolis, Minn. Dual oil burner control system. 2,039,910; May 5.
- Kreidel, Hans, Wiesbaden, Germany. Central lubricating device. 2,040,007; May 5.
- Kreidel, Hans, Wiesbaden, Germany. Coupling-head. 2,040,008; May 5.
- Kreidler, Alfred, Stuttgart, Germany. Gradometer. 2,045,191; June 23.
- Krein, Andrew J., Baltimore, Md. Garment supporting waistband. 2,060,467; Nov. 10.
- Krein, Frederick T., Park Ridge, assignor to Vortex Cup Company, Chicago, Ill. Slab filler. 2,027,830; Jan. 14.
- Krein, Frederick T., Park Ridge, assignor to Vortex Cup Company, Chicago, Ill. Frozen confection and wrapper therefor. 2,038,575; Apr. 28.
- Krein, Frederick T., Park Ridge, assignor to Vortex Cup Company, Chicago, Ill. Frozen confection wrapper. 2,038,576; Apr. 28.
- Kreisler, Jacques, New Rochelle, N. Y. Cosmetic container. 2,048,010; July 21.
- Kreisler, Jacques, New Rochelle, N. Y. Vanity case. 2,062,363; Dec. 1.
- Kreisler, Jacques, New Rochelle, and L. Kreisler, assignors to Jacques Kreisler Sales Corporation, New York, N. Y. Extensible connector. 2,064,760; Dec. 15.
- Kreisler, Jacques, Sales Corporation. (See Kreisler, Jacques, and L., assignors.)
- Krejci, John C. (See Fletcher, L. D., and Krejci.)
- Krejas, Joseph P., Turners Falls, Mass. Drive shaft. 2,035,554; Mar. 31.
- Krekeler, Karl, Hamburg, Germany, assignor to Shell Development Company, San Francisco, Calif. Conveying solid substances through channels, pipes, and the like. 2,042,428; May 26.
- Kremen, Joseph, Chicago, Ill. Mirror and picture support. 2,047,075; July 7.
- Kremen, Samuel, New York, N. Y. Manufacture of zinc sulphide. 2,027,440; Jan. 14.
- Kremens, Abraham I. (See Raiziss, G. W., and Kremens.)
- Kremetz, Albert M., Maplewood Township, Essex County, assignor to Frank Kremetz Company, Newark, N. J. Ophthalmic device. 2,037,581; Apr. 14.
- Kremetz, Frank, Company. (See Higham, Harry, assignor.)
- Kremetz, Frank, Company. (See Kremetz, Albert M., assignor.)
- Kremer, Edward H., assignor to The Dayton Rubber Mfg. Company, Dayton, Ohio. Belt connector. 2,028,398; Jan. 21.
- Kremer, Edward H., assignor to The Dayton Rubber Mfg. Company, Dayton, Ohio. Belt connector. 2,034,475; Mar. 17.
- Kremer, Edward H., assignor to The Dayton Rubber Mfg. Company, Dayton, Ohio. Belt connector. 2,047,639; July 14.
- Kremer, John, Southport, Conn. Bakery product. 2,054,756; Sept. 15.
- Kremer, John, Southport, Conn. Treating plastic substances. 2,054,937; Sept. 22.
- Kremer, Joseph L., Evansville, Ind. Deal indicator for card games. 2,050,954; Aug. 11.
- Kremer, Robert, and R. Cummins, Cleveland, Ohio. Engraving or pattern reproducing mechanism. 2,034,240; Mar. 17.
- Kremmling, Aribert, Hammersleben, near Oschersleben, Germany. Mold for molding or embossing or the like plastic material such as dough. 2,030,642; Feb. 11.
- Kremser, Alois, Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Tank filling device. 2,048,936; July 28.
- Kremser, Alois, Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Gas analysis. 2,055,628; Sept. 29.
- Krenkel, Paul, Burholme, Pa. Hosiery. 2,036,702; Apr. 7.
- Kresberg, Samuel, Brooklyn, and V. Peterfesa, Bronx, N. Y., assignors to The Capitol Automatic Music Co., Inc., New York, N. Y. Automatic talking machine. 2,050,849; Aug. 11.
- Kress, Adam, Brookhaven, N. Y. Automobile screen. 2,035,079; Mar. 24.
- Kress, Claude W., New York, N. Y. Display device for merchandise. 2,031,718; Feb. 25.
- Kress, Claude W., New York, N. Y. Display holder device. 2,040,315; May 12.
- Kress, Otto, and C. E. Johnson, assignors to The Institute of Paper Chemistry, Appleton, Wis. Sizing paper. 2,058,085; Oct. 20.
- Kress, Otto, and C. E. Johnson, assignors to The Institute of Paper Chemistry, Appleton, Wis. Sizing paper. 2,059,464; Nov. 3.
- Kress, Otto, and C. E. Johnson, assignors to The Institute of Paper Chemistry, Appleton, Wis. Sizing paper. 2,059,465; Nov. 3.
- Kresser, Leo, assignor to United American Bosch Corporation, Springfield, Mass. Humidifier. 2,030,453; Feb. 11.
- Kresser, Leo, assignor to United American Bosch Corporation, Springfield, Mass. Humidifier apparatus. 2,030,454; Feb. 11.
- Kretchmar, Gustave, and C. Collaud, Geneva, Switzerland, assignors to Givaudan-Delawanna, Inc., New York, N. Y. Preparation of coumarin. 2,062,364; Dec. 1.
- Kretschmer, Clarence M., assignor to American Licorice Co., San Francisco, Calif. Licorice pipe confection and making the same. 2,038,366; Apr. 21.
- Kretschmar, George W., Garfield, N. J. Hydraulic beam truck. 2,038,660; Apr. 28.
- Kreutz, Frank K., San Diego, Calif. Vehicle wheel tire. 2,030,215; Feb. 11.
- Kreuzer, Alois, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Internal combustion engine. 2,047,785; July 14.
- Kreuzer, Paul F., Lakewood, and C. F. Schultis, assignors to The Royal Brass Manufacturing Company, Cleveland, Ohio. Diverter valve. 2,041,002; May 19.
- Kreuzer, Paul F., Lakewood, and C. F. Schultis, assignors to The Royal Brass Manufacturing Company, Cleveland, Ohio. Valve. 2,059,120; Oct. 27.
- Krichton, Carl V., Minneapolis, Minn., assignor to McGraw Electric Company, Chicago, Ill. Electrically heated liquid container. 2,056,941; Oct. 13.
- Krider, George E., Duncansville, assignor to McLanahan & Stone Corporation, Hollidaysburg, Pa. Crushing roll construction. 2,065,471; Dec. 22.
- Kriebel, Durant Z., assignor to The Windsor Mills, Inc., Philadelphia, Pa. Thread conditioning device. 2,052,980; Sept. 1.
- Krichbaum, John P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostatic switching mechanism. 2,041,645; May 19.
- Krichbaum, John P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve control system. 2,048,162; July 21.
- Krieg, John L. (See Parent, E. J., and Krieg.)
- Kriegbaum, George M., and C. C. Haas, Richmond, Ind., assignors to International Harvester Company. Plant-er attachment for tractors. 2,054,513; Sept. 15.
- Kriege, George, assignor to Milwaukee Valve Company, Milwaukee, Wis. Lock valve. 2,063,442; Dec. 8.
- Kriegel, Abraham, executor, et al. (See Kasanof, Maurice M.)
- Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,027,538; Jan. 14.
- Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric snap switch of the toggle type. 2,050,705; Aug. 11.
- Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Mounting means for electric snap switches. 2,062,006; Nov. 24.
- Kriek, Peter P., assignor to American Enka Corporation, Enka, N. C. Apparatus for use in the manufacture of artificial silk. 2,064,069; Dec. 45.
- Kriel, Walter J., Milwaukee, assignor of one-third to E. H. Simpson, West Allis, Wis. Infant's toilet seat. 2,053,566; Sept. 8.
- Kriete, Arch K. (See Hornbeck, Evelyn and E., assignors.)
- Krinard, Emma J., St. Louis, Mo. Cooking utensil. 2,043,045; June 2.
- Krines, Oskar, Berlin, Germany, assignor to General Electric Company. Metal tank vapor electric device. 2,042,535; June 2.
- Krinke, Harry J. (See Cheney, T. A., and Krinke.)
- Kriss Kross Corporation. (See Shaw, C. P., and Waldvogel, assignors.)
- Krissiep, Max, Wyomissing, Pa., assignor to Textile Machine Works, Wyomissing, Pa. Braiding carrier. 2,028,222; Jan. 21.
- Krissiep, Max, assignor to Textile Machine Works, Wyomissing, Pa. Yarn guide for braiding carriers. 2,049,385; July 28.
- Krissiep, Reinhard, Frankfurt-on-the-Main, and W. Linicus, Dusseldorf, Germany, assignors to American Lurgi Corporation, New York, N. Y. Method of and apparatus for securing propeller blades in the hub. 2,043,481; June 9.
- Kristensen, Norman Y. (See Jandus, H. S., and Kristensen.)
- Kristoffersen, Olaf, Oslo, Norway. Separation of the individual fibers in fibrous material. 2,039,807; May 5.



- Kritchevsky, Wolf, assignor to Rit Products Corporation, Chicago, Ill. Dye preparation. 2,042,473; June 2.
- Kritchevsky, Wolf, assignor to Rit Products Corporation, Chicago, Ill. Dye preparation. 2,043,178; June 2.
- Kritchevsky, Wolf, assignor to Rit Products Corporation, Chicago, Ill. Dye preparation. 2,043,179; June 2.
- Kritz, Frank, Detroit, Mich. Windshield wiper arm and drive shaft assembly. 2,060,325; Nov. 10.
- Kritzer, Richard W., Chicago, Ill. Cooling units and combination air circulator and drip pan for the same. 2,045,528; June 23.
- Kritzer, Richard W., and A. F. Hoesel, assignors to Peerless Ice Machine Company, Chicago, Ill. Combined cooling unit and drip pan. 2,045,529; June 23.
- Krivoshein, Gregory G. (See Fultner, J., Krivoshein, and Sekla.)
- Kroenig, Walter. (See Pier, M., Simon, and Kroenig.)
- Kroenlein, Henry A., assignor to Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Vacuum cleaner. 2,036,056; Mar. 31.
- Kroft, Leonard D., Sterling, Ill. Game. 2,026,580; Jan. 7.
- Krofta, James, Ponoka, Alberta, Canada. Log peeling implement. 2,043,622; June 9.
- Kroger, Rudolf, Niles Center, Ill. Triple service water heater and boiler. 2,048,393; July 21.
- Kroger, William H., Purdy's, N. Y. Oil burner control. 2,057,383; Oct. 13.
- Krogh, Anker E., assignor to The Brown Instrument Company, Philadelphia, Pa. Flame propagation analyzer. 2,052,181; Aug. 25.
- Krohmer, Martin F., Bucyrus, Ohio. Tie holder and retainer set. 2,044,311; June 16.
- Krohn, John, San Martin, Calif. Automatic power transmission. 2,046,877; July 7.
- Krohn, John, Santa Clara County, Calif. Automatic power transmission. 2,046,878; July 7.
- Kroll, Harry D., Los Angeles, Calif. Locking means for multiple fastener sliders. 2,055,903; Sept. 29.
- Kroll, Nathan J. and S., Chicago, Ill. Carriage footwell. 2,058,997; Oct. 27.
- Kroll, Nathan J. and S., Chicago, Ill. Combination hinge and latch. 2,064,839; Dec. 22.
- Kroll, Philip J., Tulsa, Okla. Vehicle rocking machine. 2,030,174; Feb. 11.
- Kroll, Philip J., New York, N. Y. Combined vehicle lifting and rocking apparatus. 2,065,714; Dec. 29.
- Kroll, Samuel. (See Kroll, Nathan J., and S.)
- Kroll, Walter, Detroit, Mich. Aeroplane. 2,049,910; Aug. 4.
- Kroll, Walter, and G. Zapf, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Impulse repeater. 2,061,802; Nov. 24.
- Kroll, Wilhelm, Luxemburg, Luxemburg. Nitrided steel and its production. 2,029,724; Feb. 4.
- Kronbach, Edwin W., Cleveland, Ohio, assignor, by mesne assignments, to Joe Lowe Corporation. Molding apparatus. 2,043,252; June 9.
- Kronbach, Edwin W., Cleveland Heights, assignor to Una Welding, Inc., Cleveland, Ohio. Welding electrode. 2,043,927; June 9.
- Kronbach, Edwin W., Cleveland, Ohio, assignor, by mesne assignments, to Joe Lowe Corporation. Forming, refrigerating, and harvesting frozen confections. 2,052,574; Sept. 1.
- Kronheim, Jacob, Cleveland, Ohio. Machine for making stuffing for furniture. 2,043,586; June 9.
- Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrically operated fluid flow controlling mechanism. 2,052,929; Sept. 1.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Metal can body. 2,038,661; Apr. 23.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Applying a protective enamel to can ends. 2,046,197; June 30.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Making a metal container for beer. 2,047,076; July 7.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for coating shaped can ends. 2,047,691; July 14.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Coating shaped can ends. 2,047,692; July 14.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Forming a closure end for containers. 2,050,576; Aug. 11.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Container agitating and sterilizing apparatus. 2,052,096; Aug. 25.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Making can bodies from black plate. 2,055,934; Sept. 29.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Machine for applying glass panels to can ends. 2,057,037; Oct. 13.
- Kronsbein, John, Smethwick, assignor of one-half to C. F. Neale, Birmingham, England. Electroplating of metallic articles. 2,047,418; July 14.
- Kronstad, Haavard, Masury, Ohio. Kiln and the like. 2,052,233; Aug. 25.
- Kronthal, Leon S., New York, N. Y. Ball-club carrier. 2,064,433; Dec. 15.
- Kropp, Walter. (See Taub, L., and Kropp.)
- Krös, Josef, Frankfort-on-the-Main, Germany. Electric hand lamp. 2,034,913; Mar. 24.
- Krosman, Laude E., Scio, Oreg. Wire splicer. 2,031,167; Feb. 18.
- Krost, L. Lee. (See Slotsky, David, assignor.)
- Kroupskey, George, et al. (See de Sherbinin, Eric M., assignor.)
- Krout, Walter C. (See Gibbons, Joseph T., assignor.)
- Kroydon Co., The. (See Kraeuter, Arthur A., assignor.)
- Kruckenber, Franz, et al. (See Barske, Ulrich, assignor.)
- Kruckenber, Franz, et al. (See Black, Willy, assignor.)
- Kruckenber, Franz, et al. (See Heyner, Fritz, assignor.)
- Kruckenber, Franz, C. Stedefeld, and W. Black, Hanover, Germany; said Black assignor to said Kruckenber and said Stedefeld. Truck pivot damping. 2,040,262; May 12.
- Kruczek, Stanley J., Buffalo, N. Y. Balancing flywheel. 2,062,583; Dec. 1.
- Krueger, August F., assignor to The Pilgrim Laundry, Inc., Brooklyn, N. Y. Safety device for brakes for vehicles. 2,056,942; Oct. 13.
- Krueger, Frank, Brooklyn, N. Y., assignor of one-third to H. U. Herrick, Claverack, N. Y., and one-third to H. H. Pinney, Shaker Heights, Ohio. Container seam. 2,065,282; Dec. 22.
- Krueger, Fred G., Norwood, and H. S. Lion, assignors to The United Milk Crate Corporation, Cincinnati, Ohio. Crate. 2,040,387; May 12.
- Krueger, Fred G., Norwood, and F. H. Hudepohl, St. Bernard, Ohio. Bottle crate. 2,053,567; Sept. 8.
- Krueger, Fred R. (See Miller, H. E., and Krueger.)
- Krueger, Otto, Milwaukee, Wis. Rack. 2,045,953; June 30.
- Krueger, Theodore H., Stratford, assignor to Better Packages Incorporated, Shelton, Conn. Turntable carton sealing device. 2,036,583; Apr. 7.
- Krueger, Wabun C., Dayton, N. J., assignor to Endowment Foundation, New Brunswick, N. J. Apparatus and process for soil pasteurization. 2,036,416; Apr. 7.
- Krueger, Wabun C., Dayton, assignor to Endowment Foundation, New Brunswick, N. J. Applying nutrient solution to plants. 2,060,735; Nov. 10.
- Krueger, William E., assignor to Line Material Company, South Milwaukee, Wis. Connector. 2,053,615; Sept. 8.
- Krug, Carl, Frankfort-on-the-Main, Germany. Grinding wheel. 2,050,850; Aug. 11.
- Krug, Hilda E. (See Pierson, J. F., and Krug.)
- Krug, Philip P., Harrison, N. J. Liquid-dispensing apparatus. 2,057,238; Oct. 13.
- Kruger, Henry, Portland, Oreg. Safety device for cableway switches. 2,040,388; May 12.
- Kruglick, Harry. (See Nudelman, C. S., and Kruglick.)
- Kruly, Felicitas. (See Kruly, John A., assignor.)
- Kruly, John A., assignor to F. Kruly, Los Angeles, Calif. Reinforcing means for casket boxes. 2,040,488; May 12.
- Krum, Howard L., Kenilworth, assignor to Teletype Corporation, Chicago, Ill. Tape perforator. 2,042,788; June 2.
- Krum, Howard L., Kenilworth, assignor to Teletype Corporation, Chicago, Ill. Keyboard perforator and counter. 2,059,250; Nov. 3.
- Krum, Howard L., Kenilworth, and W. J. Zenner, Des Plaines, assignors to Teletype Corporation, Chicago, Ill. Tape advancing device. 2,040,856; May 19.
- Krumbein, Abraham, Brooklyn, N. Y. Undergarment. 2,054,547; Sept. 15.
- Krumbhaar, Wilhelm, assignor to Beck, Koller & Company, Inc., Detroit, Mich. Melting and treating organic substances employed in the manufacture of varnishes and the like. 2,061,469; Nov. 17.
- Krümmer, Adolf, Berlin, Germany. System for moving bodies towards and away from each other. 2,027,386; Jan. 14.
- Krupp, Fried., A. G. (See Schafmeister, P., and Spénlé, assignors.)
- Krupp, Fried., Aktiengesellschaft. (See Carius, Carl, assignor.)
- Krupp, Fried., Aktiengesellschaft. (See Egen, Heinrich, assignor.)
- Krupp, Fried., Aktiengesellschaft. (See Kautz, Kurt, assignor.)
- Krupp, Fried., Aktiengesellschaft. (See Naumann, Friedrich K., assignor.)
- Krupp, Fried., Aktiengesellschaft. (See Rittershausen, Fritz, assignor.)
- Krupp, Fried., Aktiengesellschaft. (See Rittershausen, F., and Korsch, assignors.)
- Krupp, Fried., Germaniawerft Aktiengesellschaft. (See Hänschke, Albert, assignor.)
- Krupp, Fried., Germaniawerft Aktiengesellschaft. (See Mohr, Karl, assignor.)
- Krupp, Fried., Grusonwerk Aktiengesellschaft. (See Heitmann, Heinrich, assignor.)
- Krupp, Fried., Grusonwerk Aktiengesellschaft. (See Johannsen, Friedrich, assignor.)
- Krupp, Fried., Grusonwerk Aktiengesellschaft. (See Köhler, Heinrich, assignor.)
- Krupp, Fried., Grusonwerk Aktiengesellschaft. (See Meister, Karl, assignor.)
- Krupp, Fried., Grusonwerk Aktiengesellschaft. (See Peilert, Friedrich W., assignor.)
- Krupp, Fried., Grusonwerk Aktiengesellschaft. (See Schön, Karl, assignor.)
- Krus, Adolf. (See Eulenstein, F., and Krus.)







- Kuettel, Glen M., Roselle, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of cast resins. 2,063,315; Dec. 8.
- Kuettner, Harold F., Dundee, Ill. Burial vault. 2,038,300; Apr. 21.
- Kugel, Fritz, Heidenheim-on-the-Brenz, Germany, assignor to American Voith Contact Co., Inc., New York, N. Y. Runner for centrifugal machines. 2,042,064; May 26.
- Kugelfischer Erste Automatische Gussstahlkugelfabrik vorm. Friedrich Fischer. (See Geppert, Karl, assignor.)
- Kugelman, Roy G., Portsmouth, Ohio. Drain cleaner. 2,042,407; May 26.
- Kuhar, John M., Akron, Ohio. Safety knife. 2,045,192; June 23.
- Kuhl, Andrew et al. (See Gannestad, Thor, assignor.)
- Kuhl, Paul E., Elizabeth, N. J., assignor to Standard Oil Development Company. Carrying out chemical reactions. 2,028,336; Jan. 21.
- Kuhl, Paul E., Elizabeth, N. J., assignor to Standard Oil Development Company. Regulator for variable capacity compressors. 2,038,577; Apr. 28.
- Kuhle, Jack, Chicago, Ill. Machine for surfacing brake shoes. 2,052,981; Sept. 1.
- Kühle, Wilhelm E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Power tube. 2,031,112; Feb. 18.
- Kühle, Wilhelm E., D. Prinz, and F. Herriger, Berlin, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron. 2,031,778; Feb. 25.
- Kuhlengel, L. R. (See Schneider, R. F., and Kuhlengel.)
- Kuhlengel, Louis R., assignor to Williams Patent Crusher and Pulverizer Company, St. Louis, Mo. Roller journal. 2,035,485; Mar. 31.
- Kuhlke, Donald D., Akron, Ohio. Dispenser and making the same. 2,041,190; May 19.
- Kuhlman, Henry J., Oskaloosa, Iowa. Rake. 2,045,394; June 23.
- Kuhlman, Oscar F. (See Rechard, O. H., and Kuhlman.)
- Kuhlman, William, Berlin-Wilmersdorf, and P. Becker, Berlin, Germany, assignor to Remington Rand Inc., Buffalo, N. Y. Card verifying machine. 2,048,394; July 21.
- Kuhn, Alfred B. (See Abernethy, Julius W., Smyer, and Kuhn.)
- Kuhn, George, Takoma Park, Md. Fluid pressure motor. 2,029,240; Jan. 28.
- Kuhn, George, Takoma Park, Md. Light projector. 2,040,613; May 12.
- Kuhn, George, Takoma Park, Md., assignor to Butler-Kuhn Corporation, Washington, D. C. Illuminating apparatus. 2,031,168; Feb. 18.
- Kuhn, Herbert M., Clifton, N. J., assignor to United States Rubber Products, Inc., New York, N. Y. Fabric belting splice and making the same. 2,056,278; Oct. 6.
- Kuhn, John J., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin gauging apparatus. 2,058,602; Oct. 27.
- Kuhn, John J., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,059,588; Nov. 3.
- Kuhn, John W., Akron, Ohio. Pneumatic spring. 2,056,106; Sept. 29.
- Kuhn, Wilhelmina M. (See Schaaff, Louis W., assignor.)
- Kuhne Gesellschaft mit beschränkter Haftung, et al. (See Kuhne, Joseph, assignor.)
- Kuhne, Henrietta, et al. (See Kuhne, Joseph, assignor.)
- Kuhne, Joseph, assignor of one-half to H. Kuhne, Düsseldorf-Heerdt, and one-half to firm Kuhne Gesellschaft mit beschränkter Haftung, Düsseldorf, Germany. Forming metal articles, more particularly bolt heads or the like, by upsetting. 2,041,939; May 26.
- Kühnel, Carl, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Vacuum cleaning device. 2,063,253; Dec. 8.
- Kuhner, Max H., assignor to Riley Stoker Corporation, Worcester, Mass. Method and apparatus for burning sewage sludge. 2,029,725; Feb. 4.
- Kuhner, Max H., assignor to Riley Stoker Corporation, Worcester, Mass. Steam boiler. 2,050,615; Aug. 11.
- Kuhner, Max H., assignor to Riley Stoker Corporation, Worcester, Mass. Heat exchanger. 2,058,324; Oct. 20.
- Kuhner, Oscar V., Detroit, Mich. Seat construction. 2,048,126; July 21.
- Kuhnle, Leopold. (See Rodrigues, O. V., and Kuhnle.)
- Kuhnle, Leopold K., Bridgeport, Conn., assignor to Magazine Repeating Razor Company, New York, N. Y. Razor. 2,030,703; Feb. 11.
- Kuhnle, Leopold, Bridgeport, Conn., assignor to Magazine Repeating Razor Company, New York, N. Y. Magazine for razor blades. 2,043,046; June 2.
- Kuiper, Gerhard C. R. (See Begg, R. S., Kuiper, and Almond.)
- Kuizenga, Marvin H. (See Cartland, G. F., and Kuizenga.)
- Kujala, Bruno E., and M. G. Radwaneky, Ashtabula, Ohio. Wrench. 2,050,102; Aug. 4.
- Kukenthal, Hans. (See Meisenburg, K., and Kukenthal.)
- Kulbaka, Mitchell, et al. (See Borowski, Peter, assignor.)
- Kulick, Max, Brooklyn, N. Y. Cassette. 2,056,279; Oct. 6.
- Kulikowski, Peter. Chicago, Ill. Hedge trimmer. 2,042,902; June 2.
- Kulisek, Adolph, Long Island City, N. Y. Safety razor and blade. 2,036,057; Mar. 31.
- Küller, Paul, Berlin-Friedenau, Germany. Soap. 2,048,797; July 28.
- Kulp, Harry W., Lancaster, Pa., assignor to K-D Manufacturing Company. Merchandising display and sales package. 2,057,781; Oct. 20.
- Kulp, Harry W., assignor to K-D Manufacturing Company, Lancaster, Pa. Valve spring lifter. 2,064,264; Dec. 15.
- Kulp, Harry W., and M. C. Dellinger, assignors to K-D Manufacturing Company, Lancaster, Pa. Grinding machine. 2,032,538; Mar. 3.
- Kumagai, George S., Los Angeles, Calif. Preparing sodium glutamate. 2,050,491; Aug. 11.
- Kumichel, Wilhelm. (See Ostermann, W., Kumichel, and Höfinghoff.)
- Kumichel, Wilhelm, Barmen, Germany, assignor to American Bemberg Corporation, Elizabethton, Tenn. Apparatus for spinning cuprammonium silk according to the stretch spinning process. 2,046,576; July 7.
- Kummer, Charles J., assignor to Sheboygan Machine Company, Sheboygan, Wis. Dough twisting mechanism. 2,037,985; Apr. 21.
- Kummer, James E., Junction City, Kans. Attachment for ladders. 2,056,527; Oct. 6.
- Kummerer, Wilhelm. (See Hofer, R., and Kummerer.)
- Kummerer, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmitter circuit arrangement. 2,058,999; Oct. 27.
- Kunc, John. (See Fulton, S. C., and Kunc.)
- Kundel, William, Hoboken, assignor to W. Kundel and V. G. Blenner, Woodcliff, N. J. Sidewalk bumper. 2,054,037; Sept. 8.
- Kundert, John, Three Rivers, Mich. Portable wire fence. 2,052,774; Sept. 1.
- Kundig, John J., New York, N. Y. Automatic light control. 2,045,274; June 23.
- Kundig, John J., New York, N. Y. Fluid pressure actuator. 2,063,937; Dec. 15.
- Kundig, John J., New York, N. Y. Fluid pressure control system. 2,064,379; Dec. 15.
- Kundts, Theodore A., assignor to The Federal Glass Company, Columbus, Ohio. Carton. 2,031,963; Feb. 25.
- Kundts, Theodore A., assignor to The Federal Glass Company, Columbus, Ohio. Carton. 2,034,679; Mar. 17.
- Kunkle, Bayard D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Lubricating system. 2,041,191; May 19.
- Kunkle, Bayard D., assignor to General Motors Corporation, Detroit, Mich. Motor mount. 2,042,666; June 2.
- Kuns, Max A., Mannheim, H. Krzikalla, and W. Limbacher, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs and their production. 2,034,305; Mar. 17.
- Kunstatter, Sigmund, assignor to The Formfit Company, Chicago, Ill. Brassiere. 2,054,986; Sept. 22.
- Künstel, Fritz. (See von Forster, H., and Künstel.)
- Kunstmann, Edgar, Berlin-Heinersdorf, assignor to Steatit-Kuntke, Alfred, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Device for heating incandescent cathodes. 2,045,034; June 23.
- Kuntke, Alfred, and W. H. Boldingh, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray apparatus. 2,051,411; Aug. 18.
- Kuntz, Elmer A., Chicago, Ill. Cigarette and cigar holder. 2,047,736; July 14.
- Kunz, Eric C. (See Carpenter, M. S., and Kunz.)
- Kunz, Eric C. (See Maywald, F. J., and Kunz.)
- Kunz, Frederick, Bloomfield, N. J., and S. A. Minery, Meriden, Conn. Emergency tire chain. 2,053,953; Sept. 8.
- Kunz, Heinrich, Erlangen, Germany, assignor to General Electric Company. X-ray device. 2,049,300; July 28.
- Kunz, Jacob, Hillside, N. J. Device for preventing the sagging of garage doors. 2,027,831; Jan. 14.
- Kunz, Max A., Mannheim, K. Koeberle, and O. Schlichting, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Products of the anthrapyrimidine series. 2,032,539; Mar. 3.
- Kunz, Max A., Mannheim, G. Kochendoerfer, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of quinaldines. 2,035,751; Mar. 31.
- Kunz, Max A., Mannheim, and K. Koeberle, and G. Kochendoerfer, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Pyridino compounds. 2,036,705; Apr. 7.
- Kunz, Max A., Mannheim, and K. Koeberle, and G. Kochendoerfer, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Pyridino vat dyestuffs, and preparing them. 2,039,809; May 5.
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Acylamino derivatives of the anthrapyrimidine series. 2,040,857; May 19.
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of anthrapyrimidines. 2,040,858; May 19.
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Compounds of the anthrapyrimidine series. 2,040,859; May 19.



- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of anthrapyrimidines. 2,040,860; May 19.
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Anthrapyrimidines and their production. 2,040,861; May 19.
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Compounds of the anthrapyrimidine series. 2,040,862; May 19.
- Kunze, Willy, Bremen, Germany, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Hydrophone. 2,051,866; Aug. 25.
- Kupfer-Asbest-Co., Gustav-Bach. (See Hartmann, Ilse, née Böhm, assignor.)
- Kupka, John, Schenectady, N. Y., assignor to W. D. Maring. Counterbalancing mechanism for steam locomotives. 2,049,740; Aug. 4.
- Küppenbender, Heinz, Dresden, Germany. Photographic camera. 2,031,321; Feb. 18.
- Küppenbender, Heinz, Dresden, Germany. Photographic camera. 2,032,060; Feb. 25.
- Küppenbender, Heinz, Dresden, Germany. Photographic camera. 2,032,061; Feb. 25.
- Küppenbender, Heinz, Dresden, Germany. Photographic camera. 2,053,089; Sept. 1.
- Küppenbender, Heinz, Dresden, assignor to Zeiss Ikon Aktiengesellschaft Dresden, Dresden, Germany. Driving mechanism for talking film apparatus. 2,036,584; Apr. 7.
- Küppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft Dresden, Dresden, Germany. Photographic camera. 2,037,513; Apr. 14.
- Küppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft Dresden, Dresden, Germany. Combined photographic camera and distance meter. 2,040,050; May 5.
- Kuppenbender, Heinz, Dresden-A, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,058,086; Oct. 20.
- Küppenbender, Heinz, Dresden-Strehlen, assignor to Zeiss Ikon Aktiengesellschaft Dresden, Dresden, Germany. Combined photographic camera and distance meter. 2,065,335; Dec. 22.
- Küppenbender, Heinz, and M. Nowicki, assignors to Zeiss Ikon Aktiengesellschaft Dresden, Dresden, Germany. Combined objective and exposure meter for photographic or cinematographic exposing apparatus. 2,030,643; Feb. 11.
- Kuppersmith, Fred W., Bloomington, Ill. Quick clamping jig. 2,046,637; July 7.
- Kurath, Franz, and O. A. Cherry, assignors to Economy Fuse & Manufacturing Company, Chicago, Ill. Producing potentially reactive phenolic condensation products. 2,056,280; Oct. 6.
- Kurlander, John H., Nutley, N. J., assignor to Westinghouse Lamp Company. Photoflash lamp. 2,046,388; July 7.
- Kurlash Company, The. (See Tuttle, W. R., and Stickel, assignors.)
- Kurth, Franz J., London, England. Apparatus for purifying and otherwise treating air. 2,057,579; Oct. 13.
- Kürtösy, László, Budapest, Hungary. Friction shock-absorbing device. 2,054,329; Sept. 15.
- Kurtz, Andrew, assignor of one-half to F. Brown, Allentown, Pa. Adjustable orthopedic arch support. 2,050,973; Aug. 11.
- Kurtz, Clinton J., San Diego, Calif. Spray nozzle. 2,026,743; Jan. 7.
- Kurtz, Cyrus B., Cleveland, Ohio, assignor to C. Carter, trustee. Control mechanism. 2,049,301; July 28.
- Kurtz, Henry F. (See Bausch, E., and Kurtz.)
- Kurtz, Henry F. (See Foster, L. V., and Kurtz.)
- Kurtz, Stewart S., Jr., Merion, assignor to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil treatment. 2,033,942; Mar. 17.
- Kurtz, Stewart S., Jr., Merion, Pa., assignor, by mesne assignments, to Wingfoot Corporation, Wilmington, Del. Production of rubber derivatives. 2,052,411; Aug. 25.
- Kurtzon, George B., Chicago, Ill. Antifriction bearing. 2,061,279; Nov. 17.
- Kury, Philip J. (See Brewer, Charles A., assignor.)
- Kurz, Arthur L., Chicago, Ill. Food product and making the same. 2,027,596; Jan. 14.
- Kurz, Konrad, Furth, Germany, assignor to Diamond Decorative Leaf Co., Stapleton, Staten Island, N. Y. Producing embossing foils. 2,062,226; Nov. 24.
- Kurz, Richard, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Automatic electric cut-out. 2,037,662; Apr. 14.
- Kusa, James P., Cleveland, Ohio. Pencil lengthener and holder. 2,049,810; Aug. 4.
- Kushel, Harold, Brooklyn, N. Y. Adhesive paper and making the same. 2,039,808; May 5.
- Kushinsky, Arthur W., Chicago, Ill. Fuel saving device for internal combustion engines. 2,035,237; Mar. 24.
- Kushinsky, Arthur W., Chicago, Ill. Fuel saving device for internal combustion engines. 2,046,389; July 7.
- Kuskin, David, assignor to F. J. Foster, New York, N. Y. Windshield wiper and motor therefor. 2,045,861; June 30.
- Kuss, John, Chicago, Ill. Reclining chair. 2,032,288; Feb. 25.
- Kussmaul, Walter, assignor to the firm of Chemical Works Formerly Sandoz, Basel, Switzerland. Manufacture of new stable antimony compounds. 2,031,268; Feb. 18.
- Kuster, Vivian E. (See Hewitt, J. C., Jr., and Kuster.)
- Kutchera, Alfred J., Philadelphia, Pa. Processing apparatus. 2,043,969; June 9.
- Kutchka, Karl G., Wilkinsburg, Pa., assignor to Pittsburgh Plate Glass Company. Glass melting tank. 2,064,546; Dec. 15.
- Kutnar, Virgil, Hollywood, Calif. Airplane. 2,032,848; Mar. 3.
- Kutscher, Harry. (See Orvis, Orlence D., assignor.)
- Kutter, Herman L., assignor to The Black-Clawson Company, Hamilton, Ohio. Paper machinery. 2,037,242; Apr. 14.
- Kutter, Herman L., assignor to The Black-Clawson Company, Hamilton, Ohio. Paper machinery. 2,037,243; Apr. 14.
- Kutter, Herman L., assignor to The Black-Clawson Company, Hamilton, Ohio. Making paperboard. 2,059,184; Oct. 27.
- Kuttler, Joseph. (See Reinoehl, H. K., and Kuttler.)
- Magnesia Aktiengesellschaft, Berlin-Pankow, Germany. Magnesium silicate electrical insulating composition. 2,062,914; Dec. 1.
- Kutz, Walter M. (See Clark, F. M., and Kutz.)
- Kuwada, Gompei, Maedani-Mura, Kawabe-Gun, Japan. Doubling spindle. 2,028,875; Jan. 28.
- Kuwada, Gompei, Maedani-mura, Kawabe-cun, Japan. Spinning ring. 2,034,762; Mar. 24.
- Kux, Albert S., Chicago, Ill. Compressing machine. 2,027,915; Jan. 14.
- Kuyper, Peter H., assignor to Rolscreen Company, Pella, Iowa. Venetian blind structure. 2,058,159; Oct. 20.
- Kuyper, Peter H., assignor to Rolscreen Company, Pella, Iowa. Roller spring adjusting means. 2,060,676; Nov. 10.
- Kylén, Karl E., assignor to Aktiebolaget Svenska Kullagerfabriken, Göteborg, Sweden. Lubricating system for reciprocating machines. 2,056,901; Oct. 6.
- Kwake, Joseph A., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Door lock. 2,059,369; Nov. 3.
- Kwartin, Bernard, Brooklyn, N. Y. Regenerative sound recording device. 2,033,476; Mar. 10.
- Kwartin, Bernard, Brooklyn, N. Y. Photoelectric system for multiplying and translating electric impulses. 2,049,911; Aug. 4.
- Kwartin, Bernard, Brooklyn, N. Y. Multi-element cathode ray tube. 2,055,174; Sept. 22.
- Kwick-Kut Manufacturing Co. (See Boyer, C. F., and Fouke, assignors.)
- Kyle, James G., et al. (See Wagner, Albert G., assignor.)
- Kylén, Karl E., assignor to Aktiebolaget Svenska Kullagerfabriken, Göteborg, Sweden. Multirow cylindrical roller bearing. 2,029,265; Jan. 28.
- Kyrides, Lucas P., Webster Groves, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Plastic compositions and making the same. 2,028,399; Jan. 21.
- Kyrides, Lucas P., Webster Groves, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Plastic compositions and making the same. 2,035,270; Mar. 24.
- Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Benzyl substituted salicylic acid and manufacturing the same. 2,042,343; May 26.
- Kyrides, Lucas P., Webster Groves, and H. H. Retalliau, St. Louis, Mo., assignors, by mesne assignments, to Monsanto Chemical Company. Flavoring of foodstuffs. 2,027,387; Jan. 14.
- Kyte, Charles E., and R. F. Reid, Santa Ana, Calif. Expansion joint. 2,045,089; June 23.
- L. A. B. Corporation. (See Lum, Philip L. S., assignor.)
- L. C. L. Corporation, The. (See Woodruff, Graham C., assignor.)
- L. G. S. Devices Corporation. (See Brownlee, Dalmar T., assignor.)
- L. N. S. Corporation. (See Goss, H. T., and Johnsen, assignors.)
- L. N. S. Corporation. (See Handford, Reuben E., assignor.)
- Laabs, Eric H., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for printing presses. 2,029,726; Feb. 4.
- Labbé, Henri E. L., Asnieres, France. Apparatus for the automatic emptying of receptacles. 2,058,325; Oct. 20.
- La Bella, Gaspar, Springfield, Mass. Hair waving apparatus. 2,035,815; Mar. 31.
- La Boiteaux, Eugene M., Washington, D. C. Tabulating machine. 2,035,752; Mar. 31.
- LaBoiteaux, Eugene M., Washington, D. C. Tabulating machine. 2,039,810; May 5.
- La Bombard, Leon E., assignor to Oswego Falls Corporation, Fulton, N. Y. Blank for container closures and making the same. 2,027,343; Jan. 7.
- La Bombard, Leon E., assignor to Oswego Falls Corporation, Fulton, N. Y. Method of forming slip covers for containers. 2,027,344; Jan. 7.
- La Bombard, Leon E., assignor to Oswego Falls Corporation, Fulton, N. Y. Fabricating containers. 2,033,888; Mar. 10.



- La Bombard, Leon E., assignor to Oswego Falls Corporation, Fulton, N. Y. Slip cover for cylindrical containers. 2,033,889; Mar. 10.
- La Bombard, Leon E., and G. Brinkmann, assignors to Oswego Falls Corporation, Fulton, N. Y. Method and machine for forming corrugations in tubular barrel bodies of containers. 2,053,153; Sept. 1.
- Labombarde, Ellie W., deceased, Nashua, N. H., F. B. Clancy, administrator, Nashua, N. H. Making a box. 2,043,104; June 2.
- Laborda, Richard, Brooklyn, N. Y. Vehicle. 2,066,043; Dec. 29.
- La Bounty, Eddie P., Hoopeston, Ill. Centrifugal can feeding means. 2,032,619; Mar. 3.
- La Bour, Harry E., Elkhart, Ind. Gas absorption machine. 2,058,326; Oct. 20.
- Labra, Joseph, Long Island City, N. Y. Tile and concrete binding plastic. 2,060,677; Nov. 10.
- La Brie, Ludger E. (See Bendix, V., and La Brie.)
- La Brie, Ludger E., South Bend, Ind. Internal combustion engine. 2,041,073; May 19.
- La Brie, Ludger E., South Bend, Ind. Internal combustion engine. 2,041,074; May 19.
- La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,028,613; Jan. 21.
- La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,028,614; Jan. 21.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,038,225; Apr. 21.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,041,476; May 19.
- La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,044,989; June 23.
- La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,044,990; June 23.
- La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,046,420; July 7.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,051,867; Aug. 25.
- La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,057,723; Oct. 20.
- La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,057,724; Oct. 20.
- La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake drum. 2,057,725; Oct. 20.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake-applying means. 2,060,873; Nov. 17.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,060,874; Nov. 17.
- La Brie, Ludger E., assignor to Bendix Aviation Company, South Bend, Ind. Brake. 2,060,875; Nov. 17.
- La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,060,876; Nov. 17.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,060,877; Nov. 17.
- La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,060,878; Nov. 17.
- La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,060,879; Nov. 17.
- La Brie, Ludger E., Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,064,616; Dec. 15.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,064,617; Dec. 15.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,064,618; Dec. 15.
- La Brie, Ludger E., and A. Rosner, assignors to Bendix Brake Company, South Bend, Ind. Brake. 2,044,988; June 23.
- La Casse, William J. (See Belshaw, C. F., and La Casse.)
- Lacau, Robert J., Paris, France. Emulsion for surfacing roads. 2,040,208; May 12.
- Lacey, Bernard W. D., Ward End, Birmingham, and W. V. Clarke, Wyde Green, Sutton, Coldfield, England, assignors to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Bonding rubber to surfaces. 2,050,706; Aug. 11.
- Lach, Joseph F., assignor to The Yale & Towne Mfg. Co., Stamford, Conn. Lock and making the same. 2,060,626; Nov. 10.
- La Chapelle, Edmond, Denver, Colo. Automatic timing governor for internal combustion engines. 2,060,580; Nov. 10.
- La Chapelle, Fred N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting machine. 2,035,080; Mar. 24.
- La Chapelle, Fred N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening. 2,037,727; Apr. 21.
- La Chapelle, Fred N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and manufacturing the same. 2,058,469; Oct. 27.
- Lachman, Arthur, Berkeley, assignor to Vapor Treating Processes, Inc., Los Angeles, Calif. Purifying and refining hydrocarbon oils. 2,035,607; Mar. 31.
- Lachman, Arthur, Berkeley, assignor to Vapor Treating Processes, Inc., Los Angeles, Calif. Purifying and refining hydrocarbon oils. 2,035,608; Mar. 31.
- Lachman, Arthur, Berkeley, assignor to Vapor Treating Processes, Inc., Los Angeles, Calif. Purifying and refining hydrocarbon oils with copper salts. 2,035,609; Mar. 31.
- Lachman, Arthur, Berkeley, assignor to Vapor Treating Processes, Inc., Los Angeles, Calif. Purifying and refining hydrocarbon oils with aluminum salts. 2,035,610; Mar. 31.
- Lachman, Arthur, Berkeley, Calif., assignor, by mesne assignments, to Vapor Treating Processes Inc. Refining hydrocarbon oils. 2,042,718; June 2.
- Lack, Arnold, assignor to H. H. Shockey, Chicago, Ill. Piston. 2,027,179; Jan. 7.
- Lack, Arnold, assignor to H. H. Shockey, Chicago, Ill. Lubricating and cooling system. 2,041,192; May 19.
- Lackey, Horace, assignor to W. A. Burton, Los Angeles, Calif. Recovery of precious metals from ore. 2,049,741; Aug. 4.
- Lackey, Robert M., Cohoes, N. Y. Parcel bag. 2,061,580; Nov. 24.
- Lackey, Robert M., Cohoes, N. Y. Parcel bag. 2,062,318; Dec. 1.
- Lackinger, Frank P., McKees Rocks, Pa. Braking system. 2,035,753; Mar. 31.
- Laclair, Joseph A., Detroit, Mich. Automobile bumper. 2,059,000; Oct. 27.
- Laclede Steel Company. (See Friberg, Bengt F., assignor.)
- Laclede Stoker Company. (See Weber, Herman W., assignor.)
- Lacoe, Ralph D., San Diego, Calif. Ice cream making attachment for mechanical refrigerators. 2,061,077; Nov. 17.
- Lacoe, Ralph D., San Diego, Calif. Automatic ignition cut-out for gas engines. 2,061,078; Nov. 17.
- Lacoe, Ralph D., San Diego, Calif. Automatic ignition cutout apparatus for gas engines. 2,061,079; Nov. 17.
- La Coste, Arnaud. (See Davis, Willie H., assignor.)
- La Course, Eugene A. (See Anello, T. P., and La Course.)
- Lacroix, Charles, Brussels, Belgium. Hydraulic shock absorber for vehicles. 2,032,289; Feb. 25.
- Lacroix, George U., Holyoke, Mass. Manifold transfer device. 2,050,534; Aug. 11.
- Lacy, Benjamin B., Houston, Tex. Vibrating drive. 2,063,509; Dec. 8.
- Lacy, Herman E., Chicago, Ill. Electrically heated cup. 2,046,125; June 30.
- Lacy, Kenneth B., Highland Park, assignor to Van Schaach Bros. Chemical Works, Inc., Chicago, Ill. Reacting olefines with sulphuric acid. 2,064,667; Dec. 15.
- Ladd, Frank C. (See Grogan, W. H., and Ladd.)
- Ladd, Frank C., Turners Falls, Mass. Paper finishing machine. 2,065,189; Dec. 22.
- Ladd, George D. (See Caldwell, Albert E., assignor.)
- Ladd, Walter P., Gary, Ind. Grating and making same. 2,031,779; Feb. 25.
- Laddon, Isaac M., Dayton, and S. P. Lyon, Tippicanoe City, Ohio, assignor to Bendix Aviation Corporation, South Bend, Ind. Aeroplane landing means. 2,052,234; Aug. 25.
- Lade, Archibald C., Northampton, assignor to B. F. Perkins & Son, Inc., Holyoke, Mass. Roll. 2,063,608; Dec. 8.
- La-Del Conveyor & Mfg. Co. (See Bebinger, Charles N., assignor.)
- La-Del Conveyor & Mfg. Co. (See Whitnall, George R., assignor.)
- Laden, Joseph, assignor to S. E. Schwartzman, Brooklyn, N. Y. Wire fabric for bedsprings and other articles. 2,046,564; July 7.
- Ladewig, Archie E., and G. F. Soelch, Waukesha, Wis. Bottle washing machine. 2,051,090; Aug. 18.
- Ladewig, Archie E., and G. F. Soelch, Waukesha, Wis. Bottle carrier pocket. 2,051,091; Aug. 18.
- La Dispersion Cathodique. (See von Bosse, J., and Richter, assignors.)
- La Dispersion Cathodique (en abrégé Disca) S. A. (See Alexander, Paul, assignor.)
- Ladue, Howard A. (See Gorsline, R. A., and Ladue.)
- Ladue, Robert. (See Rohne, Even J., assignor.)
- Ladwig, Wilhelm, Velbert, Germany, assignor to The Yale & Towne Mfg. Co., Stamford, Conn. Lock. 2,032,758; Mar. 3.
- Lady Esther Company. (See Cohen, Alfred, assignor.)
- Laemmel, Charles A., assignor to Atlantic Service Company, Inc., Brooklyn, N. Y. Making clamps. 2,045,327; June 23.
- Laencher, Frederick W., Flushing, assignor to A. Kimball Company, New York, N. Y. Power driven tag marking machine. 2,027,736; Jan. 14.
- Laencher, Frederick W., Flushing, assignor to A. Kimball Company, New York, N. Y. Price tag. 2,034,659; Mar. 17.
- Laermann, Kurt, Tegel, near Berlin, assignor to Rheinmetall-Borsig Aktiengesellschaft, Dusseldorf, Germany. Bombing mechanism for aircraft. 2,064,547; Dec. 15.
- Laessig, Alfred, Halle-on-the-Saale, Germany. Treating cocoa beans. 2,060,581; Nov. 10.
- Laessker, Fritz, Chemnitz, Germany. Clamp on paper cutting machine. 2,054,505; Sept. 15.
- La Fain, Inc. (See Butler, Edward A., assignor.)
- Lafferty, Herbert R., assignor to Red Jacker Mfg. Co., Davenport, Iowa. Pump. 2,058,470; Oct. 27.
- Laffon y Soto, Alberto, assignor of one-half to Ezequiel de Selgas y Marin, Madrid, Spain. Modulating light for the photoelectric impression of sound on a photo-sensitive surface. 2,044,188; June 16.
- La Fontaine, Edward G., Brooklyn, N. Y. Window structure. 2,063,316; Dec. 8.
- Laford, Herbert M. (See Hopkins, R. M., and Laford.)



- La Forest, Louis Z., East Orange, assignor to T. A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,056,728; Oct. 6.
- La Forestal Argentina, S. A. de Tierras, Maderas y Explotaciones Comerciales e. Industriales. (See Fontana, Fernando, assignor.)
- La Forge, Frederick B. (See Haller, H. L. J., and La Forge.)
- La Forge, Frederick B., Clarendon, Va., and H. L. J. Haller, Washington, D. C., dedicated to the free use of the Public in the United States of America. Preparing a purified pyrethrin concentrate. 2,050,974; Aug. 11.
- La Fountain, Phoebe M. (See La Fountain, Richard G., assignor.)
- La Fountain, Richard G., San Francisco, Calif. Valve control. 2,038,943; Apr. 28.
- La Fountain, Richard G., Los Angeles, Calif., assignor to P. M. La Fountain. Automatic variable speed mechanism and brake element therefor. 2,046,468; July 7.
- Lagaard, Alexander S. T., Minneapolis, Minn. Distributing device for doughnut machines. 2,042,262; May 26.
- Lagaard, Alexander S. T., assignor to C. J. Ostidiek, Minneapolis, Minn. Mop. 2,035,816; Mar. 31.
- Lagerblade, Herbert C., Bristol, Conn., assignor to The Horton Manufacturing Company. Stepped shaft and making the same. 2,037,636; Apr. 14.
- Lagerholm, Carl J., Attleboro, assignor to Evans Case Company, North Attleboro, Mass. Pyrophoric lighter mechanism. 2,030,831; Feb. 11.
- Laghetto, Louis, Somerville, assignor to A. B. Tenny, Lexington, Mass. Incinerator. 2,044,085; June 16.
- Lagrove, Jean. (See Hudeley, V., and Lagrove.)
- Laguesse, Fernand, Herstal, near Liege, Belgium. Igniting plug for hand grenades. 2,053,836; Sept. 8.
- Laguidara, Rocco, assignor of one-half to Automotive Products Company Limited, London, England, and one-half to Fabbriche Riunite Industria Gomma Torino, Turin, Italy. Flexible hose for high pressure hydraulic braking systems. 2,044,887; June 23.
- La Hodny, William, and G. C. Hoff, assignors to Standard Mirror Company, Inc., Buffalo, N. Y. Illuminated faceplate for electric switches and the like. 2,032,540; Mar. 3.
- La Hodny, William, and G. C. Hoff, assignors to Standard Mirror Company, Inc., Buffalo, N. Y. Mirror. 2,058,603; Oct. 27.
- Labr, Alfred, Coteaux de Saint Cloud, assignor to Compagnie Francaise du Mirodisque, Paris, France. Talking machine. 2,035,287; Mar. 24.
- Laible, Charles L., Fort Thomas, Ky. Shoe. 2,027,737; Jan. 14.
- Laico, Joseph P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,027,180; Jan. 7.
- Laico, Joseph P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sealing-in machine. 2,027,181; Jan. 7.
- Laico, Joseph P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,062,319; Dec. 1.
- Laico, Joseph P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,062,892; Dec. 1.
- Laidig, Alfred H. (See Slack, C. M., and Laidig.)
- Lain, Mary E., San Francisco, Calif. Attachment for women's garments. 2,030,306; Feb. 11.
- L'Air Liquide, Societe Anonyme pour l'Etude & l'Exploitation des Procédes Georges Claude. (See du Chaffaut, Roger, assignor.)
- Laird, B. L., et al. (See McCarty, Madison P., assignor.)
- Laird, Harold R. (See Beavers, R. J., and Laird.)
- Laird, Robert F. (See Holt, L. C., Youker, and Laird.)
- Laird, Wilbur G., Pleasantville, N. Y. Making fin radiators. 2,036,417; Apr. 7.
- Laird, Wilbur G., Pleasantville, assignor to Doherty Research Company, New York, N. Y. Pressure relief valve. 2,032,325; Feb. 25.
- Laird, Wilbur G., Pleasantville, assignor to Doherty Research Company, New York, N. Y. Gas holder. 2,050,707; Aug. 11.
- Lalret, Andres F., Caracas, Venezuela. Pay indicator. 2,043,047; June 2.
- Laise, Clemens A., Tenafly, assignor to Eisler Electric Corporation, Newark, N. J. Making cutting tools, dies, etc. 2,044,853; June 23.
- Lakatos, Emory, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,056,281; Oct. 6.
- Lake, Clair D., Binghamton, N. Y., assignor to International Business Machines Corporation, New York, N. Y. Perforating machine. 2,032,805; Mar. 3.
- Lake, Clair D., Binghamton, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Electric card counter. 2,043,295; June 9.
- Lake, Clair D., Binghamton, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accumulating device. 2,056,403; Oct. 6.
- Lake, Clair D., Binghamton, and F. E. Hamilton, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Relay. 2,057,686; Oct. 20.
- Lake, Edward R. (See Cowan, H. G., Lake, and Urbanowicz.)
- Lake, Milton E., Columbus, Ohio. Pressure regulating system. 2,059,121; Oct. 27.
- Lake, Percy J., Agincourt, Ontario, Canada. Shoulder strap holder for women's underwear. 2,061,840; Nov. 24.
- Lakeland-Baines Patent Proprietary Company Limited. (See Lakeland, Henry, assignor.)
- Lakeland Foundation. (See Gruskin, Benjamin, assignor.)
- Lakeland, Henry, assignor to Lakeland-Baines Patent Proprietary Company Limited, Preston, England. Warp tension and letting-off device for weaving looms. 2,044,218; June 16.
- Lakenbach, Daniel, Valley Cottage, N. Y. Apparatus for waving hair. 2,062,893; Dec. 1.
- Lakeside Engineering Corporation. (See Nordell, Carl H., assignor.)
- Lakewest Corporation, The. (See Youngdahl, Francis E., assignor.)
- Lakovich, Joseph, Louisville, Colo. Miner's eyeshield. 2,040,614; May 12.
- Lakso, Eino E., Fitchburg, Mass., assignor to Vogt Processes, Incorporated, Louisville, Ky. Package and closure. 2,051,868; Aug. 25.
- Lakso, Eino E., Fitchburg, Mass., assignor to Vogt Processes, Incorporated, Louisville, Ky. Container and closure therefor. 2,051,869; Aug. 25.
- Lalancette, Joseph O., Springfield, Mass. Free vision windshield. 2,043,756; June 9.
- Lalli, John, Newark, N. J. Nonrefillable bottle. 2,039,811; May 5.
- La Londe, Frederick J., assignor to G. E. Thomas, and E. R. Thomas, Virginia, Minn. Drum pedal. 2,027,869; Jan. 14.
- Lalor, James D., deceased, Baltimore, Md., M. Lalor, administratrix. Flow controlling device. 2,037,663; Apr. 14.
- Lalor, Marjorie, administratrix. (See Lalor, James D.)
- La Mar, Frank C., New York, N. Y. Fuse indicator. 2,062,669; Dec. 1.
- La Mar, Frank C., assignor to Great Western Fuse Company, New York, N. Y. Fusible link. 2,028,720; Jan. 21.
- La Mar, Frank C., assignor to Great Western Fuse Company, New York, N. Y. Fusible link. 2,028,721; Jan. 21.
- La Mar, Frank C., assignor to Great Western Fuse Company, New York, N. Y. Cartridge fuse. 2,036,177; Mar. 31.
- Lamar, Harry H. (See Forbes, J. S., and Lamar.)
- Lamar Pipe and Tile Company. (See Edwards, Chester E., assignor.)
- La Marsh, Charles W., Alton, Ill. Loading and unloading shelf structure. 2,027,273; Jan. 7.
- Lamatsch, Frederick. (See Hall, H. V., and Lamatsch.)
- Lamatsch, Frederick, Grantwood, N. J., assignor to Irving Trust Company, Permanent Trustee for R. Hoe & Co., Inc., New York, N. Y. Gearing for rotary printing machine folders. 2,028,786; Jan. 28.
- Lamatsch, Frederick, Grantwood, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y. Irving Trust Company, permanent trustee. Rotary cutting and folding mechanism for printing machines. 2,031,780; Feb. 25.
- Lamatsch, Frederick, Grantwood, N. J., assignor to Hoe, R., & Co., Inc., New York, N. Y. Printing plate clamping mechanism. 2,049,454; Aug. 4.
- Lamatsch, Frederick, Grantwood, N. J., assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Plate clamping mechanism for printing machines. 2,050,851; Aug. 11.
- Lamatsch, Wilhelm. (See Huttenlocher, R., and Lamatsch.)
- Lamb, Albert L. (See Briggs, O. B., and Lamb.)
- Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Illumination control device. 2,039,230; Apr. 28.
- Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electromagnetic switch. 2,040,389; May 12.
- Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical relay. 2,042,109; May 26.
- Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Alarm. 2,054,380; Sept. 15.
- Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Relay circuit. 2,057,384; Oct. 13.
- Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Control device. 2,062,915; Dec. 1.
- Lamb, Clarence K., Colton, Calif. Electrically operated raising and lowering lift for chairs. 2,034,624; Mar. 17.
- Lamb, Harry, assignor of one-half to C. M. Ambrose, Seattle, Wash. Pneumatic washing machine and drier. 2,058,604; Oct. 27.
- Lamb, Herbert W., Adrian, Mich. Show card machine. 2,034,584; Mar. 17.
- Lamb, Homer T., Jr., Tulsa, Okla. Fluid measuring motor. 2,033,719; Mar. 10.
- Lamb, Homer T., Jr., Tulsa, Okla. Gravity down stroke pump. 2,051,089; Aug. 18.
- Lamb, James J., West Hartford, Conn., assignor to J. Millen, Malden, Mass. Piezoelectric filter. 2,054,757; Sept. 15.



- Lamb, John F., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,038,578; Apr. 28.
- Lamb, John F., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning system. 2,038,579; Apr. 28.
- Lamb, John F., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control mechanism. 2,047,827; July 14.
- Lamb, Newton, Saginaw, assignor to The Dow Chemical Company, Midland, Mich. Purification of acetic anhydride. 2,033,720; Mar. 10.
- Lamberson, Eva G., et al. (See Lamberson, Leslie, assignor.)
- Lamberson, Leslie A., assignor of one-half to E. G. Lamberson, Lander, Wyo., and one-half to R. F. Granger, Denver, Colo. Placer machine. 2,049,962; Aug. 4.
- Lambert, Alvan R. (See Johnston, K. H., and Lambert.)
- Lambert, Chandley W., Cleveland, Ohio. Automatic variable pitch propeller. 2,039,720; May 5.
- Lambert, Charles F., Grosse Pointe Farms, assignor to Clayton and Lambert Manufacturing Company, Detroit, Mich. Cover lock. 2,028,223; Jan. 21.
- Lambert, Edmund B., and H. Humfeld, Clarendon, Va. Growing mushrooms. 2,060,223; Nov. 10.
- Lambert, Emile P. C., Paris, France. Manufacture of concrete having a high electric insulation resistance. 2,038,367; Apr. 21.
- Lambert, Homer T., St. Joseph, Mich. Brake mechanism. 2,063,443; Dec. 8.
- Lambert, Homer T., St. Joseph, Mich. Brake apparatus. 2,063,444; Dec. 8.
- Lambert, Homer T., St. Joseph, Mich. Momentum-actuated brake apparatus. 2,063,445; Dec. 8.
- Lambert, James G. (See Dagnall, R. F., and Lambert.)
- Lambert, Marion, Inc. (See Peat, Arthur R., assignor.)
- Lambert, Marion L. J., St. Louis, and C. Latham, St. Louis County, Mo. Glass base guard. 2,046,390; July 7.
- Lambert Marketing Co. (See Taylor, Don L., assignor.)
- Lambert Pharmaceutical Company. (See Read, Roland R., assignor.)
- Lambert, Raynor, Brooklyn, N. Y. Orthodontia molding device. 2,030,524; Feb. 11.
- Lambert, Richard T., Boston, Mass. Container. 2,054,291; Sept. 15.
- Lambert, Samuel E., Jr. (See Hund, W. J., Loomis, and Lambert.)
- Lambert, Thomas H., assignor of twelve and seventy-five one-hundredths per cent to C. S. James, Ridgewood, N. J., twelve and seventy-five one-hundredths per cent to J. Mergendoller, five and one tenth per cent to H. B. Aldrich and twenty and four tenths per cent to R. B. Henline, New York, N. Y. Hydraulic transmission mechanism. 2,028,982; Jan. 28.
- Lambert, Walter E., Knoxville, Tenn. Conveying equipment. 2,062,227; Nov. 24.
- Lamberton, Ralph E., Michigan City, Ind., assignor to Sullivan Machinery Company. Pumping apparatus. 2,041,717; May 26.
- Lamberty, Frederick R., Brooklyn, N. Y., and L. E. Van Damme, Weehawken, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,040,316; May 12.
- Lambie, John A., Los Angeles, assignor of one-half to Rain Machine, Ltd., Lompoc, and one-half to West Coast Pipe & Steel Company, Los Angeles, Calif. Irrigation pipe coupling. 2,052,046; Aug. 25.
- Lambole, Harold J., et al. (See Sacker, Frank, assignor.)
- Lambrecht, Gustav A., Marinette, Wis. Fish bait or lure. 2,043,001; June 2.
- Lamesch, Armand, assignor to Schlesische Spiegelglas-Manufaktur Carl Tielsch, G. m. b. H., Waldenburg-Altwasser, Germany. Method and device for producing single-layered wire glass. 2,062,228; Nov. 24.
- Laminating Patents Corporation. (See Merritt, Ericsson, H., assignor.)
- Lamken, William. (See Delling, E. H., and Lamken.)
- Lamm, Uno, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Grid control means in ion valve apparatus. 2,063,106; Dec. 8.
- Lammers, Fred, et al. (See Knapp, George S., assignor.)
- Lammertse, Meindert. (See State, W. C., Lammertse, and Gardner.)
- Lammott, William A., assignor to Eagle Glove & Garment Company, Muncie, Ind. Glove. 2,040,052; May 5.
- Lamond, Roy D. (See Elder, Paul, assignor.)
- La Mont Corporation. (See Carroll, Morris B., assignor.)
- La Mont Corporation. (See La Mont, Walter D., assignor.)
- Lamont, John A., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,027,539; Jan. 14.
- Lamont, John A., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,030,144; Feb. 11.
- Lamont, Robert P., New York, N. Y., assignor to Shawmont Corporation. Rail joint and adjustable splicing element therefor. 2,063,317; Dec. 8.
- La Mont, Walter D., North Colebrook, Conn., assignor, by mesne assignments, to American Chain Company, Inc. Valve. 2,028,093; Jan. 14.
- La Mont, Walter D., Larchmont, assignor to La Mont Corporation, New York, N. Y. Method and apparatus for generating steam. 2,038,580; Apr. 28.
- La Mont, Walter D., North Colebrook, Conn., assignor to La Mont Corporation, New York, N. Y. Steam generating plant. 2,044,797; June 23.
- La Monte, George, & Son. (See Simons, Francis L., assignor.)
- Lamonte, Peter, assignor of one-third to L. Wishin, one-third to B. Wishin, New York, and one-third to F. M. Heyman, Brooklyn, N. Y. Magic display apparatus. 2,046,826; July 7.
- Lamort, E. et M., Fils. (See Lamort, Marcel, assignor.)
- Lamort, Marcel, assignor to E. et M. Lamort Fils, Vitry-le-Francois, France. Endless conveyer band filter. 2,043,181; June 2.
- Lampard, Frank S. (See Dean, W. L., and Lampard.)
- Lampen-und Metallwarenfabriken, R. Ditmar-Gebruder Brunner A. G. (See Humpoletz, Karl, assignor.)
- Lampert, Ben H., assignor to Lampert & Lampert, Oshkosh, Wis. Longitudinal joint for concrete pavements. 2,060,326; Nov. 10.
- Lampert, Herbert H., Brooklyn, assignor to Kastar Specialty Mfg. Co., Inc., New York, N. Y. Pedal pad. 2,028,073; Jan. 14.
- Lampert & Lampert. (See Lampert, Ben H., assignor.)
- Lampman, George W., and G. F. Cooper, Pontiac, assignor to General Motors Corporation, Detroit, Mich. Grommet or the like. 2,039,009; Apr. 28.
- Lamport, Noah, Los Angeles, Calif. Grommet Construction. 2,057,961; Oct. 20.
- Lampson, Curtis W., Pittsfield, Mass., assignor to General Electric Company. System of electrical distribution. 2,059,001; Oct. 27.
- Lampson, Curtis W., Princeton, N. J., assignor to General Electric Company. System of electrical distribution. 2,059,002; Oct. 27.
- Lamson Company, The. (See Baseler, W., and Schieck, assignors.)
- Lamson Company, The. (See Crady, Allen E., assignor.)
- Lamson Company, The. (See DuPuy, Louis E., assignor.)
- Lamson Company, The. (See Emerson, Walter H., assignor.)
- Lamson Company, The. (See Frost, Myron O., assignor.)
- Lamson Company, The. (See Jennings, Chester S., assignor.)
- Lamson Company, The. (See Perry, H. R., and Jennings, assignors.)
- Lamson General Conveyors Limited. (See Needham, John T., assignor.)
- Lamson, Joseph V. (See Wylie, L., and Lamson, assignors.)
- Lamson, Paul W., Cleveland Heights, Ohio. Machine for cutting sheets of rubber, linoleum, and the like. 2,065,380; Dec. 22.
- Lamson & Sessions Company, The. (See Peterka, A. E. R., and Eckhardt, assignors.)
- Lancaster Iron Works, Inc. (See Beauchamp, Fred, assignor.)
- Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole attaching apparatus. 2,031,491; Feb. 18.
- Lancaster, John T., Newtonville, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Last pulling machine. 2,036,339; Apr. 7.
- Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,054,938; Sept. 22.
- Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in applying pressure to shoe bottoms. 2,063,172; Dec. 8.
- Lancaster Processes, Inc. (See Robinson, Thomas, assignor.)
- Lancia, Vincenzo, Turin, Italy. Wheel mounting means for motor vehicles. 2,049,963; Aug. 4.
- Land, Charles H., and W. H. Wilson, Detroit, Mich., said Land assignor to said Wilson. Tractor-trailer vehicle. 2,028,400; Jan. 21.
- Land, Edwin H. (See Matz, Charles H., assignor.)
- Land, Edwin H., Wellesley Farms, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J. Avoiding glare from automobile headlights. 2,031,045; Feb. 18.
- Land, Edwin H., Wellesley Farms, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J. Forming improved light polarizing bodies. 2,041,138; May 19.
- Land, Oliver B., Athens, Ga., assignor to U. S. Ring Traveler Company, Providence, R. I. Ring traveler. 2,064,548; Dec. 15.
- Landau, Jacob, Jersey City, N. J. Thermal time switch. 2,034,763; Mar. 24.
- Landau, Joseph N., New York, N. Y. Automatic fountain pen. 2,035,555; Mar. 31.
- Landau, Robert, Vienna, Austria. Closure cap. 2,050,799; Aug. 11.
- Landauer, Kurt, Stuttgart, Germany. Holder for match packages. 2,028,460; Jan. 21.
- Landberg, Fred, and A. O. Dahlstrom, assignors to C. E. Swann, Chicago, Ill. Automatic pressure gauge and regulator. 2,051,049; Aug. 18.
- Landberg, Johan, Alingsas, Sweden. Flatiron and other heated apparatus. 2,057,885; Oct. 13.
- Landers, Lawson R., Houston, Tex. Electrical connector. 2,060,761; Nov. 10.
- Landes, Joseph M., Waynesboro, Va., assignor to The Hills Brothers Company, New York, N. Y. Filling containers with baked fruits and the like. 2,054,514; Sept. 15.
- Landgraf, Fred. (See Lewis, P. M., and Landgraf.)
- Landgraf, Fred, assignor to Lewis-American Airways, Inc., Denver, Colo. Shock absorber for aircraft. 2,052,775; Sept. 1.



- Landi, Emanuele, New York, N. Y. Jingle dancing shoe. 2,059,952; Nov. 3.
- Landis, Aaron, New York, N. Y. Ornamentation for bags. 2,027,441; Jan. 14.
- Landis, Aaron, Elizabeth, N. J. Handbag. 2,051,092; Aug. 18.
- Landis, Earl E., Seattle, Wash. Ruling and lining guide for typewriters. 2,060,327; Nov. 10.
- Landis, George G., University Heights, assignor to The Lincoln Electric Company, Cleveland, Ohio. Alternating current arc welding. 2,044,798; June 23.
- Landis & Gyr, A.-G. (See Koenig, Werner, assignor.)
- Landis & Gyr, A.-G. (See Ramelet, Eduard, assignor.)
- Landis & Gyr, A.-G. (See Wenk, Juan, assignor.)
- Landis Machine Company. (See Dunford, Ernest, assignor.)
- Landis Machine Company. (See Nell, Frederic, assignor.)
- Landis Machine Company. (See Newman, Samuel F., assignor.)
- Landis Machine Company. (See Wolf, Eugene G., assignor.)
- Landis, Quick. (See Gore, H. C., Landis, and Frey.)
- Landis, Richard P., Grass Valley, Calif. Blood transfusion syringe. 2,057,726; Oct. 20.
- Landis Tool Company. (See Balsiger, Harold E., assignor.)
- Landis Tool Company. (See Gurney, D., Balsiger, and Ott, assignors.)
- Landis Tool Company. (See Klay, W. S., and Gurney, assignors.)
- Landis Tool Company. (See Steiner, Amos P., assignor.)
- Landis Tool Company. (See Steiner, A. P., Wine, and Balsiger, assignors.)
- Landis, William C. (See Hewitt, E. E., and Landis.)
- Landolt, Albert. (See Graenacher, C., Ackermann, Landolt, and Geigy.)
- Landolt Albert, Basel, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Prevention of the bleeding on white animal fibers. 2,031,046; Feb. 18.
- Landolt, Albert, Riehen, near Basel, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Dyeing preparations. 2,053,616; Sept. 8.
- Landon, Vernon D., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Amplifier. 2,050,343; Aug. 11.
- Landrin, Albert, Paris, France. Bottle closure and dispenser. 2,044,706; June 16.
- Landrock, Paul, Rochester, N. Y., assignor to Photostat Corporation, Providence, R. I. Photographic copying machine. 2,033,290; Mar. 10.
- Landrock, Paul, Rochester, N. Y., assignor to Photostat Corporation, Providence, R. I. Feeding and measuring apparatus. 2,065,939; Dec. 29.
- Landstad, Halvor F. (See Dorer, P. O., and Landstad.)
- Landt, Gustave E., Norristown, Pa., assignor to Continental-Diamond Fibre Company, Newark, Del. Preparing odorless synthetic resinous products. 2,027,988; Jan. 14.
- Landvogh, Anthony J., et al. (See Witte, Adolf P., assignor.)
- Landwehr, Richard F. (See Kasdan, N., and Landwehr.)
- Lane, Abbot A. (See Pigott, R. J. S., and Lane.)
- Lane, Abbott A., O'Hara Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Pump. 2,055,296; Sept. 22.
- Lane, Abbott A., O'Hara Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Hydraulic brake. 2,055,297; Sept. 22.
- Lane, Abbott A., O'Hara Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Pneumatically operated fuel supply system for automobiles. 2,059,005; Oct. 27.
- Lane, Abbot, A., O'Hara Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Valve seat member. 2,059,370; Nov. 3.
- Lane, Abbot A., Aspinwall, and E. W. Jacobson, Oakmont, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Meter testing. 2,050,800; Aug. 11.
- Lane, Alfred M., St. Louis County, assignor to Monarch Metal Weatherstrip Corporation, St. Louis, Mo. Metal weather strip. 2,052,032; Aug. 25.
- Lane, Alfred M., St. Louis County, Mo. Reflector for heat radiators. 2,060,088; Nov. 10.
- Lane, Alfred M., St. Louis County, assignor to Monarch Metal Weatherstrip Corporation, St. Louis, Mo. Weather strip. 2,065,078; Dec. 22.
- Lane, Clarence E., West Orange, N. J., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Wave filter. 2,037,171; Apr. 14.
- Lane Company, The. (See Crocker, Ernest C., assignor.)
- Lane, Cuthbert C., Little Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Printing telegraph system. 2,058,605; Oct. 27.
- Lane, Donald B., Glen Cove, assignor to Kimmelman & Lane Holding Co., Inc., New York, N. Y. Cigarette dispensing machine. 2,028,787; Jan. 28.
- Lane, Donald B., Brooklyn, assignor to Kimmelman & Lane Holding Co., Inc., New York, N. Y. Coin controlled apparatus. 2,028,788; Jan. 28.
- Lane, Edward K., Houston, Tex. Automatically orienting whipstock. 2,043,381; June 9.
- Lane, Edward K., Houston, Tex. Whipstock. 2,058,327; Oct. 20.
- Lane, G. S., Ridgewood, N. J., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Clutch mechanism. 2,047,737; July 14.
- Lane, George S., Passaic, N. J., assignor to Raybestos-Manhattan, Inc. Clutch mechanism. 2,026,945; Jan. 7.
- Lane, George W., Providence, R. I. Key holder. 2,065,940; Dec. 29.
- Lane, Gerould T., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Sizing photographic paper. 2,059,880; Nov. 3.
- Lane, Gerould T., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Apparatus for sizing photographic paper. 2,059,881; Nov. 3.
- Lane, Gerould T., and Wendell Butterfield, assignors to Eastman Kodak Company, Rochester, N. Y. Two-stage gravity flow wet end paper making machine. 2,046,270; June 30.
- Lane, Gerould T., and W. Butterfield, assignors to Eastman Kodak Company, Rochester, N. Y. Controlled leak for paper making machines. 2,046,271; June 30.
- Lane, Herald D. R., Derby, assignor of one-third to H. W. Culberston, one-third to K. M. Lane, and one-third to W. H. Nickels, Gate City, Va. Self-locking motor control. 2,031,322; Feb. 18.
- Laneri, James N., South Glastonbury, Conn. Marker. 2,053,911; Sept. 8.
- Lane, James W., Pawhuska, Okla. Flag holder. 2,061,361; Nov. 17.
- Lane, Jean P., Seattle, Wash. Holder for umbrellas. 2,028,337; Jan. 21.
- Lane, John T., Los Angeles, Calif. Claw bar. 2,026,581; Jan. 7.
- Lane Kenneth M., et al. (See Lane, Herald D. R., assignor.)
- Lane, Lee B., New York, N. Y. Safety razor. 2,040,009; May 5.
- Lane, Merton B., Holden, assignor to Norton Company, Worcester, Mass. Abrasive wheel. 2,063,685; Dec. 8.
- Lane, Merton B., Holden, assignor to Norton Company, Worcester, Mass. Mounted grinding wheel. 2,065,941; Dec. 29.
- Lane, Merton B., Holden, assignor to Norton Company, Worcester, Mass. Grinding wheel. 2,065,942; Dec. 29.
- Lane, Wilfred G., assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Controlling deep well gunfire for perforating casings. 2,029,490; Feb. 4.
- Lane, Wilfred G., assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Gun-type formation tester. 2,029,491; Feb. 4.
- Lane, Wilfred G., assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Well casing perforator. 2,062,974; Dec. 1.
- Lane, Wilfred G., assignor to The Technicraft Engineering Corp., Los Angeles, Calif. Gun type well casing perforator. 2,062,975; Dec. 1.
- Lane, William T., Tacoma, Wash. Wood stake sharpener. 2,032,581; Mar. 3.
- Laneri, Joseph, Brooklyn, N. Y. Terrazzo strip. 2,038,742; Apr. 28.
- Lang, Adam. (See Stonecipher, Oscar J., assignor.)
- Lang, Albert, Berkeley, Calif. Retractable roller screen. 2,065,813; Dec. 29.
- Lang, Carl E., and C. L. Boggs, San Francisco, Calif. Cleaning device. 2,054,515; Sept. 15.
- Lang, Charles W. (See Ayers, S. H., and Lang.)
- Lang, Frank J., Niagara Falls, assignor to International Paper Company, New York, N. Y. Making paper. 2,041,294; May 19.
- Lang, Frank M., West Allis, Wis., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Tube cutter. 2,065,138; Dec. 22.
- Lang, George A., Cicero, Ill. Material remover. 2,055,176; Sept. 22.
- Lang, Gustave J., Longmeadow, and John F. Martin and W. D. Crocker, assignors to United American Bosch Corporation, Springfield, Mass. Ignition timing mechanism. 2,033,477; Mar. 10.
- Lang, Harold M., and A. H. Rosenbaum, assignors to Sigmund Cohn, New York, N. Y. Coating an electron emitter. 2,053,090; Sept. 1.
- Lang, Henry T., Cleveland, Ohio, assignor to Electric Vacuum Cleaner Company, Incorporated. Vacuum cleaner. 2,036,058; Mar. 31.
- Lang, Homer V., Charlotte, N. C. Apparatus for applying treating fluid to textile fibers. 2,045,783; June 30.
- Lang, James, San Antonio, Tex. Coaster stool. 2,033,037; Mar. 3.
- Lang, James, San Antonio, Tex. Shingle removing tool. 2,050,103; Aug. 4.
- Lang, John, Bronx, N. Y. Carpet or rug made of sponge material. 2,038,368; Apr. 21.
- Lang, John W., and A. M. Jensen, Racine, Wis. Bottle container. 2,059,006; Oct. 27.
- Lang, Josef. (See von Hazslinszky, L., and von Lukács, assignors.)
- Lang, Joseph. (See Wieker, H. G., and Lang.)
- Lang, Martin H., Minneapolis, assignor to Harry Rosenberg, St. Paul, Minn. Tufting machine. 2,056,355; Oct. 6.
- Lang, Otto C., assignor to Hydraulic Brake Company, Detroit, Mich. Ironing element. 2,034,042; Mar. 17.



- Lang, Richard T., Heidenheim on the Brenz, Germany, assignor to American Voith Contact Co., Inc., New York, N. Y. Stock inlet control for paper making machines. 2,028,673; Jan. 21.
- Lang, Richard T., Heidenheim-on-the-Brenz, Wurttemberg, Germany, assignor to American Voith Contact Co., Inc., New York, N. Y. Paper making machine. 2,055,692; Sept. 29.
- Lang, Rose, Buffalo, N. Y. Campstove. 2,038,226; Apr. 21.
- Lang, Walter S., et al. (See Scully, R. T., and Rieger, assignors.)
- Lang, William, assignor to International Business Machines Corporation, New York, N. Y. Card verifier. 2,059,799; Nov. 3.
- Lang, William B., West Palm Beach, Fla. Window sash lock. 2,036,151; Mar. 31.
- Lang, William H., assignor to The Webster Manufacturing Company, Chicago, Ill. Sewage disposal apparatus. 2,061,841; Nov. 24.
- Lang, Wilmarth Y., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing equipment. 2,036,059; Mar. 31.
- Langdon, Andrew H., Los Angeles, Calif. Orifice meter plate. 2,062,584; Dec. 1.
- Langdon, Robert M., Fort Lee, N. J. Manicure device. 2,035,323; Mar. 24.
- Langdon, Robert S., Sumner, assignor to Pacific Car and Foundry Company, Seattle, Wash. Adjustable boom yarder. 2,035,134; Mar. 24.
- Lange, Edward H., Baltimore, Md. Automobile control mechanism. 2,037,800; Apr. 21.
- Lange, Emil, Berlin-Zehlendorf, Germany. Arc rupturing device for electric switches. 2,063,173; Dec. 8.
- Lange, Fritz. (See Brasch, A., and Lange.)
- Lange, Fritz, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,054,056; Sept. 8.
- Lange, Fritz, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs containing chromium. 2,054,057; Sept. 8.
- Lange, Gustav. (See Freudenberg, Richard and H., Runkel, and Lange.)
- Lange, Hans. (See Steindorff, A., Lange, and Horst.)
- Lange, Hans, Dessau-in-Anhalt, and J. H. Helberger, Cologne-Mulheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Manufacture of py-3-hydroxytetrahydroxynaphthoquinolines. 2,062,458; Dec. 1.
- Lange, Henry, assignor to The Quincy Stove Manufacturing Company, Quincy, Ill. Gas burner control mechanism for ranges, stoves, and the like. 2,043,106; June 2.
- Lange, Henry, Quincy, Ill., assignor to The Quincy Stove Manufacturing Company, Quincy, Mass. Combination range. 2,063,846; Dec. 8.
- Lange, Walter, Berlin-Schlachtensee, Germany, assignor to General Electric Company. Fountain pen and method of making. 2,032,991; Mar. 3.
- Lange, Werner, Dessau-Ziebigk in Anhalt, and U. Dreyer, Wolfen, Kreis Bitterfeld, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Cupriferous polyazo dyes and their production. 2,045,090; June 23.
- Langedijk, Siegfried L. (See Van Peski, A. J., and Langedijk.)
- Langedijk, Siegfried L., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Preparation of halogenated organic hydroxy compounds. 2,046,469; July 7.
- Langel, Adrian L., Chicago, Ill., assignor to Chicago Metallic Manufacturing Company. Poaching eggs. 2,029,535; Feb. 4.
- Langenberg, Frederick C. (See Russell, N. F. S., and Langenberg.)
- Langendorff United Bakeries, Inc. (See Leichter, Edward E., assignor.)
- Langenhorst, Frank A., and A. D. Gates, Winter Haven, Fla. Metallic boat. 2,064,927; Dec. 22.
- Langenkamp, Albert G., and R. H. McElroy, assignors to International Engineering, Inc., Dayton, Ohio. Fan. 2,030,993; Feb. 18.
- Langer, Edward J., Portland, Oreg. Adjustable door support. 2,062,320; Dec. 1.
- Langer, Nicholas, Deep River, Conn., assignor to sixty-six and two-thirds per cent to J. Halmagyi, Budapest, Hungary. Electrical musical instrument. 2,035,238; Mar. 24.
- Langer, Nicholas, New York, N. Y., assignor of sixty-six and two-thirds per cent to J. Halmagyi, Budapest, Hungary. Electrical musical instrument. 2,039,651; May 5.
- Langer, Nicholas, New York, N. Y., assignor of sixty-six and two-thirds per cent to J. Halmagyi, Budapest, Hungary. Automatic tremolo for electrical musical instruments. 2,040,439; May 12.
- Langer, Nicholas, New York, N. Y., assignor of sixty-six and two-thirds per cent to J. Halmagyi, Budapest, Hungary. Electrical musical instrument. 2,044,360; June 16.
- Langer, Theodore W., Tulsa, Okla., assignor to Texaco Salt Products Company, New York, N. Y. Producing uniform epsom salt crystals. 2,034,685; Mar. 17.
- Langer, Theodore W., Tulsa, Okla., assignor to Texaco Salt Products Company, New York, N. Y. Crystallizing process. 2,045,301; June 23.
- Langer, Theodore W., C. E. McBride, R. J. Carlson, M. Stow, and F. B. Clardy, Tulsa, Okla., assignors to Texaco Salt Products Company, New York, N. Y. Crystallizing salts. 2,045,302; June 23.
- Langer, William J., Gobles, Mich. Fertilizer attachment for hand corn planters. 2,064,668; Dec. 15.
- Langford, George, Joliet, Ill. Reforming worn rail joint bars. 2,060,328; Nov. 10.
- Langford, George, Joliet, Ill. Shaping rail joint bars. 2,063,386; Dec. 8.
- Langford, George, Joliet, Ill. Repairing a rail joint. 2,063,387; Dec. 8.
- Langford, George, assignor to McKenna Process Company of Illinois, Joliet, Ill. Repairing a rail joint in track. 2,030,704; Feb. 11.
- Langford, George, assignor to McKenna Process Company of Illinois, Joliet, Ill. Reforming rail joint bars. 2,034,043; Mar. 17.
- Langford, George, assignor to McKenna Process Company of Illinois, Joliet, Ill. Rail joint. 2,034,044; Mar. 17.
- Langford, George, assignor to McKenna Process Company of Illinois, Joliet, Ill. Making rail joint bars. 2,034,045; Mar. 17.
- Langford, George, assignor to McKenna Process Company of Illinois, Joliet, Ill. Reforming rail joint bars. 2,034,046; Mar. 17.
- Langford, George, assignor to McKenna Process Company of Illinois, Joliet, Ill. Repair of rail joints in track. 2,059,529; Nov. 3.
- Langford, George, assignor to McKenna Process Company of Illinois, Joliet, Ill. Rail joint. 2,060,996; Nov. 17.
- Langford, George W., Ann Arbor, Mich. Air conditioning apparatus. 2,054,200; Sept. 15.
- Langley, Frank. (See Sumner, H. C., Taylor, and Langley.)
- Langley, Sam G., Maplewood, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,028,224; Jan. 21.
- Langlotz, Barney, Bangor, Mich. Fruit packer. 2,053,193; Sept. 1.
- Langman, Ransom, Dunmore, Pa. Easily removable washer. 2,036,152; Mar. 31.
- Langmuir, Irving, Schenectady, N. Y., assignor to General Electric Company. Electron discharge apparatus. 2,032,620; Mar. 3.
- Langmuir, Irving, Schenectady, N. Y., assignor to General Electric Company. High frequency oscillator. 2,051,609; Aug. 18.
- Langos, Otto A., Chicago, Ill. Toy. 2,058,241; Oct. 20.
- Langsner, Adolph, assignor to Eugene Dietzgen Co., Chicago, Ill. Telescope. 2,051,050; Aug. 18.
- Langsner, Adolph, assignor to E. Dietzgen Company, Chicago, Ill. Stadia instrument. 2,053,837; Sept. 8.
- Langsner, Adolph, and W. H. Lerch, assignors to Eugene Dietzgen Company, Chicago, Ill. Pin mounting. 2,065,472; Dec. 22.
- Langston, Samuel M., Co. (See Goettsch, Walter J., assignor.)
- Langston, Samuel M., Co. (See Sieg, Karl, assignor.)
- Langton, William E., Toronto, Ontario, Canada. Vibration absorber for transmission-line conductors. 2,065,336; Dec. 22.
- Langstreth, Melon. (See Brazier, S. A., Hampson, and Langstreth.)
- Langwell, Herbert, and C. B. Maddocks, Epsom, England. Manufacture of condensation products from alcohols and phenols. 2,031,719; Feb. 25.
- Lank, Clarence H., Brooklyn, N. Y. Water gauge. 2,044,477; June 16.
- Lankelma, Herman P. (See Burk, R. E., and Lankelma.)
- Lannert, Frank, assignor to Paragon Die Casting Company, Chicago, Ill. Die casting machine. 2,060,224; Nov. 10.
- Lanning, Howard H. (See Chapman, E. E., and Lanning.)
- Lansdowne Steel & Iron Company. (See Layton, Le Roy, assignor.)
- Lanser, Alfred, Corseaux-Vevey, Switzerland, assignor, by mesne assignments, to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Device for separating gas from liquid. 2,034,914; Mar. 24.
- Lansing, J. W. (See Golokow, B., and Chirlin, assignors.)
- Lansing, Raymond P., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Clutch operating means. 2,027,832; Jan. 14.
- Lansing, Raymond P., Montclair, N. J., assignor to Eclipse Machine Company, Elmira Heights, N. Y. Engine starting apparatus. 2,030,882; Feb. 18.
- Lansing, Raymond P., Montclair, N. J., assignor to Eclipse Machine Company, Elmira Heights, N. Y. Engine starter. 2,031,269; Feb. 18.
- Lansing, Raymond P., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Engine starting apparatus. 2,031,781; Feb. 25.
- Lansing, Raymond P., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,031,782; Feb. 25.
- Lansing, Raymond P., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Driving mechanism. 2,033,835; Mar. 10.
- Lansing, Raymond P., Montclair, N. J., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 2,038,181; Apr. 21.



- Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Clutch mechanism. 2,047,077; July 7.
- Lansing, Raymond P., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,047,078; July 7.
- Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,048,075; July 21.
- Lansing, Raymond P., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Engine starter. 2,054,381; Sept. 15.
- Lansing, Raymond P., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Propeller. 2,059,122; Oct. 27.
- Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starter. 2,061,161; Nov. 17.
- Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Starting mechanism. 2,064,669; Dec. 15.
- Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Starting mechanism. 2,064,670; Dec. 15.
- Lansing, Raymond P., Montclair, and R. M. Nardone, assignors to Eclipse Aviation Corporation, East Orange, N. J. Variable pitch propeller. 2,033,342; Mar. 10.
- Lansing, Raymond P., Montclair, and R. M. Nardone, assignors, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Engine starting apparatus. 2,043,623; June 9.
- Langston Monotype Machine Company. (See Indahl, Mauritz C., assignor.)
- Lant, Richard. (See Koreska, W., and Lant.)
- Lant, Richard, Vienna, Austria. Woven or knitted fabric mainly consisting of cellulose fibers and manufacturing same. 2,032,992; Mar. 3.
- Lanto, Edward, New York, N. Y. Axle construction. 2,062,096; Nov. 24.
- Lantz, Louis A., and A. L. Morrison, assignors to The Calico Printers' Association Limited, Manchester, England. Fixation of dyestuffs on textile fibers. 2,033,836; Mar. 10.
- Lantz-Phelps Corporation. (See Phelps, Clyde H., assignor.)
- Lányi, Stephen, Passaic Park, N. J. Dust suction device for cleaning furs, clothing, etc. 2,047,787; July 14.
- Lanyon, Samuel H., Oakland, Calif. Remote control system. 2,056,282; Oct. 6.
- Lanz, Adolf, Wettlingen-Damsau, Switzerland. Producing fabrics of multiple loom width. 2,041,841; May 26.
- Lanzi, Elmo G., and M. Holny, Chicago, Ill. Roasting machine. 2,063,446; Dec. 8.
- La Penna, Patsy, Brooklyn, N. Y. Window shade fixture. 2,064,016; Dec. 15.
- Lapeyre, Fernand S., New Orleans, La. Bridge table. 2,033,528; Mar. 10.
- Lapeyrouse, Lawrence L., Chickasaw, Ala. Felt cleaner for paper mills. 2,043,415; June 9.
- Lapham, De Forest A., assignor to Brace-Lapham Engineering Corporation, Syracuse, N. Y. Differential. 2,050,344; Aug. 11.
- La Pierre, Cramer W., Schenectady, N. Y., assignor to General Electric Company. Direct-current indicator. 2,053,154; Sept. 1.
- La Pierre, Cramer W., Schenectady, N. Y., assignor to General Electric Company. Phase-responsive instrument. 2,054,676; Sept. 15.
- La Pierre, Cramer W., Schenectady, N. Y. assignor to General Electric Company. Recording device. 2,059,879; Nov. 3.
- La Pierre, Cramer W., and R. F. Edgar, Schenectady, N. Y., assignors to General Electric Company. Rail inspection apparatus. 2,036,814; Apr. 7.
- La Place, Desmond R., assignor to The Burgess Company, Incorporated, Beaver Falls, Pa. Apparatus for stapling containers. 2,057,782; Oct. 20.
- La Plant-Choate Manufacturing Company. (See Austin, Ellsworth W., assignor.)
- La Plant-Choate Manufacturing Company. (See Barrett W. D., and Greer, assignors.)
- La Plant-Choate Manufacturing Company. (See Choate, R. E., and Rodler, assignors.)
- La Plant-Choate Manufacturing Company. (See Choate, R. E., and Jirsa, assignors.)
- La Plant-Choate Mfg. Co. Inc. (See Choate, R. E., and Rodler, assignors.)
- La Plant-Choate Manufacturing Co. Inc. (See Choate, R. E., Graves, and Leech, assignors.)
- La Plant-Choate Manufacturing Company. (See Greer, Edward R., assignor.)
- Lapointe, Francis J., Ann Arbor, Mich. Clutch. 2,027,486; Jan. 14.
- Lapointe, Francis J., Ann Arbor, Mich. Surface broach. 2,041,551; May 19.
- Lapointe Machine Tool Company, The. (See Monroe, Kenneth C., assignor.)
- La Pointe, William B., Los Angeles, Calif., assignor to Louis R. Hildreth, Columbus, Ohio. Bumper. 2,029,824; Feb. 4.
- Lapp Insulator Company. (See Jenner, Ralph L., assignor.)
- Lappe, Franz. (See Wilke, W., Stadler, and Lappe.)
- Lappe, Friedrich, Obernburg-on-the-Main, Germany, assignor to North American Rayon Corporation, New York, N. Y. Process and apparatus for the manufacture of artificial silk. 2,027,047; Jan. 7.
- Lappin, John L., Drexel Hill, Pa., assignor to General Electric Company. Circuit breaker. 2,047,828; July 14.
- Läpple, Hännis, Blankenburg, near Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company. Indicating the blowing of high-tension fuses. 2,036,223; Apr. 7.
- Lapraik, John G. (See Goldsmith, P. A. H., and Lapraik.)
- Lapsley, Robert, Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Transmission. 2,027,442; Jan. 14.
- Lapsley, Robert, Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Coaster device. 2,054,222; Sept. 15.
- Lapworth, Morvan. (See Coffey, S., Lapworth, and Sexton.)
- Laquer, Fritz, Wuppertal-Vohwinkel, and H. Weyland, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Hormone. 2,035,557; Mar. 31.
- La Radiotechnique. (See Rocard, Yves, assignor.)
- Laramore, Florian E., Chicago, Ill. Brake. 2,047,587; July 14.
- Lard, Allan E., Washington, D. C. Golf club. 2,050,801; Aug. 11.
- Large, Samuel R., Bristol, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Antifriction bearing. 2,040,489; May 12.
- Larkin, Charles W., Brooklyn, N. Y., assignor, by mesne assignments, to American Sales Book Company, Inc. Web supply carrier for typewriting machines. 2,039,721; May 5.
- Larkin, George R., Dayton, Ohio. Liquid level gauge. 2,032,370; Mar. 3.
- Larkin, Irvin, Bay City, Mich. Pump. 2,036,340; Apr. 7.
- Larkin, John P., Detroit, Mich. Nitriding process. 2,041,769; May 26.
- Larkin, Lester U., assignor to Larkin Refrigerating Corporation, Atlanta, Ga. Heat exchanger. 2,032,134; Feb. 25.
- Larkin Refrigerating Corporation. (See Larkin, Lester U., assignor.)
- Larkin, Walter, Norristown, Pa., assignor to Fidelity Machine Company, Wilmington, Del. Knitting machine. 2,032,993; Mar. 3.
- Larkin, Walter, Norristown, assignor to Fidelity Machine Company, Philadelphia, Pa. Machine for inlaying rubber yarn in rib fabric. 2,035,324; Mar. 24.
- Larkin, Walter, Norristown, Pa., assignor to Fidelity Machine Company, Wilmington, Del. Knitting machine. 2,051,724; Aug. 18.
- Larkin, William E., Flushing, N. Y. Scooter. 2,027,388; Jan. 14.
- Larkin, William J., Jr., Cambridge, assignor of one-third to P. A. Coleman, Melrose, and one-third to E. W. Schumacher, Southbridge, Mass. Transmission device. 2,033,343; Mar. 10.
- Larmuth, John H. (See Bartram, W. B., and Larmuth.)
- Larmuth, John H., Hill Crest, Upper Colwyn Bay, North Wales. Automatically stopping machines wherein material is unwound from a holder. 2,040,144; May 12.
- Larner, Chester W., et al. (See Gaines, Eugene F., assignor.)
- Larner, Chester W., Philadelphia, and O. V. Kruse, St. Davids, Pa., assignors to Baldwin-Southwark Corporation. Valve. 2,061,239; Nov. 17.
- Laros, R. K., Silk Company. (See Barney, Jerome, assignor.)
- La Rock, Edgar A., Ogdensburg, N. Y. Paper roll plug and shaft. 2,045,035; June 23.
- La Rock, Vela A. (See Bucy, F. L., and La Rock.)
- La Roque, Harold B., Scotia, N. Y., assignor to General Electric Company. Control system. 2,053,155; Sept. 1.
- La Rosa, V., & Sons, Inc. (See Tanzi, Guido, assignor.)
- Larrabee, Clinton E., Binghamton, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Electric clock system. 2,030,455; Feb. 11.
- Larrosa, Eladio A., Bilbao, Spain. Carburetor. 2,043,895; June 9.
- Larscheidt, John H., Dearborn, Mich. Electrically operated valve. 2,032,621; Mar. 3.
- Larsen, Adolph, and G. W. Williams, Sanish, N. Dak. Barrel jack. 2,043,896; June 9.
- Larsen, Alantser F., assignor to Aluminum Goods Manufacturing Company, Manitowoc, Wis. Coffee maker. 2,053,004; Sept. 1.
- Larsen, Alantser F., assignor to Aluminum Goods Manufacturing Company, Manitowoc, Wis. Cooky dropper. 2,055,868; Sept. 29.
- Larsen, Axel, Aalborg, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Separation of dust from gases. 2,041,553; May 19.
- Larsen, Bernard M., Elizabeth, and W. E. Shenk, East Orange, N. J., assignors to United States Steel Corporation, New York, N. Y. Radiation pyrometer device. 2,054,382; Sept. 15.
- Larsen, Carl C., Copenhagen, Denmark. Safety razor. 2,046,470; July 7.
- Larsen, Carl J. (See Robinson, F. W., and Larson, assignors.)



- Larsen, Clarence C., Bismarck, N. Dak., assignor to Lignite Combustion Engineering Corporation. Automatic stoker. 2,055,579; Sept. 29.
- Larsen, Dallas J. (See Larsen, Ole A., assignor.)
- Larsen, Earl I. (See Hensel, F. R., and Larsen.)
- Larsen, Einer W., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Distributor. 2,038,227; Apr. 21.
- Larsen, Einer W., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Control and safety system for strand working apparatus. 2,047,374; July 14.
- Larsen, Gabriel, Springfield, N. J., assignor to L. E. Waterman Company, New York, N. Y. Fountain pen cap and clip. 2,048,127; July 21.
- Larsen, Hans B. (See Stern, J. N., and Larsen.)
- Larsen, Jack A., assignor to M. L. Larsen, Oakland, Calif. Loose leaf binder. 2,034,873; Mar. 24.
- Larsen, Lewis, Menominee, Mich., assignor to Heywood-Wakefield Company, Boston, Mass. Baby carriage. 2,037,986; Apr. 21.
- Larsen, Lewis, Menominee, Mich., assignor to Heywood-Wakefield Company, Boston, Mass. Baby carriage. 2,037,987; Apr. 21.
- Larsen, Lewis, Menominee, Mich., assignor to Heywood-Wakefield Company, Boston, Mass. Baby carriage. 2,037,988; Apr. 21.
- Larsen, Mary L. (See Larsen, Jack A., assignor.)
- Larsen, Neil P., assignor to American Coach & Body Company, Cleveland, Ohio. Vehicle construction. 2,063,388; Dec. 8.
- Larsen, Ole A., assignor of twenty-four and one-half percent to D. J. Larsen, Salt Lake City, Utah. Flexible automobile support. 2,047,971; July 21.
- Larsen, Othmar I., Winnetka, Ill. Nut tapper. 2,037,801; Apr. 21.
- Larsen, Paul V., assignor to Pettibone Mulliken Company, Chicago, Ill. Side bearing. 2,049,266; July 28.
- Larsen, Torleif I., assignor to Handy Governor Corporation, Detroit, Mich. Governor. 2,058,160; Oct. 20.
- Larson, Albin E., Webster, S. Dak. Claw guard. 2,028,674; Jan. 21.
- Larson, Alfred T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic acids from ketones. 2,037,654; Apr. 14.
- Larson, Alfred T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic acids. 2,039,722; May 5.
- Larson, Alfred T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of methanol and other carbon compounds and catalytic agents for use therein. 2,061,470; Nov. 17.
- Larson, Algot, assignor to Unique Balance Company, New York, N. Y. Window sash balance. 2,041,646; May 19.
- Larson, Axel F., assignor, by mesne assignments, to International Register Company, Chicago, Ill. Coin controlled device. 2,051,952; Aug. 25.
- Larson, Carl H. (See Gebrand, C. E., and Larson.)
- Larson, Carl H., assignor to The Adlake Company, Elkhart, Ind. Reflex signal. 2,040,317; May 12.
- Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Mercury switch relay. 2,046,273; June 30.
- Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Mercury switch. 2,060,810; Nov. 17.
- Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Antifriction displacer guide. 2,060,811; Nov. 17.
- Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Mercury tube switch. 2,060,813; Nov. 17.
- Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Mercury switch relay. 2,063,609; Dec. 8.
- Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Electric switch. 2,064,477; Dec. 15.
- Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Mercury switch relay. 2,064,478; Dec. 15.
- Larson, Carl H., Elkhart, Ind., and D. J. McCarthy, Elgin, Ill., assignors to The Adlake Company. Mercury switch relay. 2,046,272; June 30.
- Larson, Clas S., assignor to A. O. Smith Corporation, Milwaukee, Wis. Enameling machine. 2,048,937; July 28.
- Larson, Clas S., assignor to A. O. Smith Corporation, Milwaukee, Wis. Conveyor truck. 2,061,735; Nov. 24.
- Larson, Clas S., and W. A. Kuebler, assignors to A. O. Smith Corporation, Milwaukee, Wis. Elevator for conveyor systems. 2,048,938; July 28.
- Larson, David C. (See Sanford, S. B., and Larson.)
- Larson, David C., Yonkers, assignor to Otis Elevator Company, New York, N. Y. Elevator system. 2,064,170; Dec. 15.
- Larson, Edward S., assignor to Teletype Corporation, Chicago, Ill. Magazine shift for linecasting and composing machines. 2,036,282; Apr. 7.
- Larson, Edwin, Eagle Bend, Minn. Automatic toy pistol. 2,061,471; Nov. 17.
- Larson, Eric, Washington, D. C. Metal partition. 2,027,870; Jan. 14.
- Larson, Hilda M. (See Hirschauer, Joseph, assignor.)
- Larson, Homer W., Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Welding apparatus. 2,028,225; Jan. 21.
- Larson, Iner J. (See Batsel, C. N., and Larson.)
- Larson, Iner J., Oaklyn, N. J., assignor to Radio Corporation of America. Mechanism for producing intermittent motion. 2,032,422; Mar. 3.
- Larson, Ivar G., assignor to R. L. Parish, Chicago, Ill. Terminal connector for batteries. 2,035,556; Mar. 31.
- Larson, John M., assignor to National Regulator Co., Chicago, Ill. Thermostatic controlling apparatus. 2,037,911; Apr. 21.
- Larson, John V., Chicago, Ill. Pipe wrench. 2,063,318; Dec. 8.
- Larson, Leon H., Norwalk, Conn., assignor to R. T. Vanderbilt Co. Inc., New York, N. Y. Composition of matter, etc. 2,034,519; Mar. 17.
- Larson, Le Roy T., Redwood City, Calif. Tab clip. 2,055,152; Sept. 22.
- Larson, Lewis A., and A. Soll, Compton, Calif. Core barrel. 2,032,423; Mar. 3.
- Larson, Louis J., assignor to A. O. Smith Corporation, Milwaukee, Wis. Fabricating alloy lined pressure vessels. 2,054,939; Sept. 22.
- Larson, Louis L., Hockessin, and G. L. Schwartz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of paper pulp. 2,049,567; Aug. 4.
- Larson, Philip R. S., Chicago, Ill. Elastic shoe lace. 2,036,482; Apr. 7.
- Larson, Sigfrid, Portland, Oreg. Coupler for automobiles, tractors, or similar vehicles. 2,035,486; Mar. 31.
- Larson, Walter M., Minneapolis, Minn. Drier for razors and razor blades. 2,059,699; Nov. 3.
- Larson, William A. (See Smith, H., and Larson.)
- Larsson, Carl A., and P. R. Higson, assignors to Vickers-Armstrongs Limited, Westminster, England. Machine gun. 2,037,244; Apr. 14.
- Larsson, Carl A., and P. R. Higson, assignors to Vickers-Armstrongs Limited, Westminster, England. Machine gun. 2,048,395; July 21.
- Larsson, Ernst A., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley head and current collector. 2,044,886; June 23.
- Larsson, Markus. (See Wadsted, B., and Larsson.)
- Larsson, Mauritz, and T. Eek, Oslo, Norway, assignors to Kockums Mekaniska Verkstads Aktiebolag, Malmo, Sweden. Internal combustion engine. 2,055,580; Sept. 29.
- Larsson, Ragnar W. (See Jonsson, J. E., Larsson, and Rylander.)
- Larsson, Thure, assignor to Norton Company, Worcester, Mass. Segmental grinding wheel. 2,054,771; Sept. 15.
- LaRue, William D., Maple Shade, N. J., assignor to Radio Corporation of America, New York, N. Y. Method of and apparatus for manipulating articles such as talking machine or phonograph records. 2,041,718; May 26.
- La Rue, William D., Merchantville, N. J., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Phonograph. 2,050,008; Aug. 4.
- Lascoff, Jacob L., New York, N. Y. Capsule filling apparatus. 2,064,840; Dec. 22.
- Lashar, Walter B., Jr. (See Lewis, D., Walsh, and Lashar.)
- Lasher, Marshall. (See Hoche, A. A., and Lasher.)
- Lasher, Sally W. (See Hart, F. R., and Lasher.)
- Lashmet, Luther C., Phoenix, Ariz. Silt accumulator. 2,032,582; Mar. 3.
- Laska, Leopold, and O. Haller, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Symmetrical di-(arylamino)-hydroxybenzenes and preparing them. 2,029,727; Feb. 4.
- Laska, Leopold, Offenbach-on-the-Main, A. Zitscher, Kronberg-in-the-Taunus, and W. Seidenfaden, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo-dyestuffs and fiber dyed therewith. 2,038,081; Apr. 21.
- Laska, Leopold, and O. Haller, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Arylamides of an asymmetrical ortho-xyl-enol-carboxylic acid and making same. 2,047,513; July 14.
- Laska, Leopold, and A. Zitscher, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuffs insoluble in water and fiber dyed therewith. 2,047,514; July 14.
- Laska, Leopold, and A. Zitscher, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuffs insoluble in water and fiber dyed therewith. 2,047,515; July 14.
- Laska, Leopold, and R. Hell, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 4-amino-dinitro-diphenylamines and preparing them. 2,059,800; Nov. 3.
- Laska, Leopold, and O. Haller, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dihydroxystilbene-dicarboxylic acid and preparing it. 2,065,900; Dec. 29.
- Lasker, William W. (See Rand, J. H., Jr., and Lasker, assignors.)
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Addressing machine. 2,027,916; Jan. 14.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Card punch. 2,027,917; Jan. 14.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Automatic stop device for tabulating machines. 2,034,102; Mar. 17.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., New York, N. Y. Tabulating machine. 2,034,103; Mar. 17.



- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Printing interpreters. 2,034,104; Mar. 17.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., New York, N. Y. Tabulating machine. 2,044,119; June 16.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., New York, N. Y. Sorting machine. 2,044,120; June 16.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., New York, N. Y. Tabulating machine. 2,044,121; June 16.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., New York, N. Y. Card punching machine. 2,044,707; June 16.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Card punching machine. 2,044,708; June 16.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Punching machine. 2,048,396; July 21.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Sorting mechanism. 2,048,397; July 21.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Adjustable Bowden wire. 2,048,398; July 21.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Printing and paper feeding mechanism for adding machines or the like. 2,059,251; Nov. 3.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Tabulating machine. 2,059,252; Nov. 3.
- Lasker, William W., Brooklyn, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y. Combined typewriter, accounting machine, and punch. 2,059,253; Nov. 3.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Card magazine. 2,059,254; Nov. 3.
- Laskin, Jacob E., Shaker Heights, Ohio. Call recording apparatus for telephones. 2,041,554; May 19.
- Laskin, Meyer, Baltimore, Md. Attachment for sadiron handles. 2,060,225; Nov. 10.
- Lasley, Robert E., Waukegan, Ill. Power plant. 2,056,198; Oct. 6.
- Lassiat, Raymond C. (See Prickett, T. B., and Lassiat.)
- Lassiter, Frederick H., Charlotte, N. C. Beach chair. 2,050,492; Aug. 11.
- Lassiat, Raymond C., Paris, France, assignor to Houdry Process Corporation, Dover, Del. Multiple manifolding apparatus. 2,059,255; Nov. 3.
- Lassiter, Lemuel L., Greensboro, N. C. Baking a loaf of bread. 2,029,664; Feb. 4.
- Laszlo, Andrew. (See Almen, J. O., and Laszlo.)
- Laszlo, John F., Detroit, Mich. Heat retainer. 2,039,254; Apr. 28.
- Lasztochy, Stephen, Bergenfield, N. J., assignor to Freyberg Bros. Inc., New York, N. Y. Feed reversing mechanism for sewing machines. 2,031,323; Feb. 18.
- Latham, Calvin. (See Lambert, M. L. J., and Latham.)
- Latham, George H. (See Hunt, J. K., and Latham.)
- Latham, Harry M. (See Gordon, A. A., 3d, and Latham.)
- Lathrop, Harry D., Chicago, Ill. Dump pan and weigh can. 2,059,003; Oct. 27.
- Latimer-Goodwin Chemical Company, The. (See Hopkins, Carl P., assignor.)
- Latina, Harry B., East St. Louis, Ill., assignor to Rawlings Manufacturing Company, St. Louis, Mo. Base for the game of baseball. 2,046,126; June 30.
- Latour, Charles. (See Zehender, V., and Latour.)
- Latshaw, Elmer, assignor to The J. G. Brill Company, Philadelphia, Pa. Truck wheel brake. 2,039,274; Apr. 28.
- Latshaw, Elmer, assignor to The J. G. Brill Company, Philadelphia, Pa. Railway car construction. 2,046,391; July 7.
- Latshaw, Elmer, assignor to J. G. Brill Company, Philadelphia, Pa. Car wheel. 2,059,256; Nov. 3.
- Lattimer-Stevens Company, The. (See Stevens, Charles W., assignor.)
- Lattner, Emert J., Cedar Rapids, Iowa. Fluid fuel burner. 2,033,837; Mar. 10.
- Latner, Emert J., Cedar Rapids, Iowa. Fluid fuel burner. 2,033,838; Mar. 10.
- Lattner, Emert J., Cedar Rapids, Iowa. Fluid fuel burner. 2,034,686; Mar. 17.
- Lattner, Emert J., Cedar Rapids, Iowa. Pump for fuel burners. 2,057,783; Oct. 20.
- Latzko, Johann, Vienna, and O. Plechl, Paffstatten, Austria, assignors to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Living diagram. 2,042,667; June 2.
- Laub, Stanley V., Detroit, and H. L. Kegler, Lincoln Park, Mich.; said Kegler, assignor to said Laub. Tooth brush and manufacture thereof. 2,035,709; Mar. 31.
- Laubacher, Josef, Wandsbek-Hamburg, Germany. Silencer. 2,030,008; Feb. 4.
- Laube, Arthur, Fairhaven, Mass. Nonrefillable bottle. 2,037,514; Apr. 14.
- Laube, Grover, Los Angeles, B. C. Stevens, Long Beach, and E. A. Kaufman, Los Angeles, Calif., assignors to Twentieth Century-Fox Film Corporation, Beverly Hills, Calif. Dirigible truck. 2,055,747; Sept. 29.
- Laube, Grover, and C. M. Miller, Los Angeles, assignors to Twentieth Century-Fox Film Corporation, Hollywood, Calif. Monitoring finder. 2,062,585; Dec. 1.
- Lauber, John A., and R. M. Schupbach, assignors to Continental Optical Company, Inc., Rochester, N. Y. Eye-glass construction. 2,027,109; Jan. 7.
- Lauchenauer, Hermann, assignor to the firm Maschinenfabrik a. d. Sihl A. G. vorm. A. Schmid, Zurich, Switzerland. Rotary pump. 2,050,104; Aug. 4.
- Lauck, Albert G., and D. E. Grube, Alton, Ill., assignors to Owens-Illinois Glass Company. Glassware forming machine. 2,041,552; May 19.
- Lauck, Albert G., Alton, Ill., assignor to Owens-Illinois Glass Company. Driving mechanism for glassware forming machines. 2,061,663; Nov. 24.
- Laucks, I. F., Inc. (See Bowen, Albert H., assignor.)
- Laudanno, Francesco, Brooklyn, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 2,045,954; June 30.
- Lauenstein, Carl F., Indianapolis, Ind., assignor to Link-Belt Company, Chicago, Ill. Heat treating metal. 2,048,748; July 28.
- Lauenstein, Carl F., and P. F. Ulmer, Indianapolis, Ind., assignors to Link-Belt Company, Chicago, Ill. Treating metal. 2,046,638; July 7.
- Lauer, Carl E., Port Arthur, Tex., R. E. Manley, Beacon, and H. D. Loeb, assignors to The Texas Company, New York, N. Y. Treating an acid-oil sludge. 2,064,549; Dec. 15.
- Lauer, Carleton J., Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Clutch operator for windshield wipers. 2,046,171; June 30.
- Lauer, Rudolph L., assignor of one-half to T. W. Barnhill, Philadelphia, Pa. Knock-out box. 2,047,640; July 14.
- Lauf, Hans, Stockholm, Sweden. Firing mechanism for automatic firearms. 2,044,219; June 16.
- Lauffer, Otto P., Everett, Pa. Combined animal restraining and feeding device. 2,044,312; June 16.
- Lauffer, Stephen. (See Schwarz, R., and Lauffer.)
- Laughlin, Elmyr A., deceased, by B. D. L. Spoor, administratrix, Oregon, assignor to Consolidated Metal Products Co., Chicago, Ill. Coupler centering device. 2,066,009; Dec. 29.
- Laughlin Filter Corporation. (See Laughlin, William C., assignor.)
- Laughlin, Homer, China Company, The. (See Wells, Arthur A., assignor.)
- Laughlin, William C., Glendale, Calif., assignor to Laughlin Filter Corporation, New York, N. Y. Centrifuge. 2,054,058; Sept. 8.
- Laughlin, William C., Bayport, assignor to Filtration Equipment Corp., New York, N. Y. Ferric chloride feeder. 2,066,152; Dec. 29.
- Laughlin, William C., Kew Gardens, and A. B. Asch, Brooklyn, N. Y., assignors, by mesne assignments, to Filtration Equipment Corporation, New York, N. Y. Apparatus for cleaning sedimentation tanks. 2,433,291; Mar. 10.
- Laundry Equipment Corporation. (See Bauer, William J., assignor.)
- Laupichler, Elisabeth, et al. (See Hartweg, Wilhelm, assignor.)
- Laurent, Milton P., assignor to W-K-M Company, Houston, Tex. Well flowing device. 2,065,227; Dec. 22.
- Lauret, Marin A., Neuilly-sur-Seine, France, assignor to Bendix Aviation Corporation, South Bend, Ind. System for charging internal combustion engines. 2,034,144; Mar. 17.
- Lauretti, Piacentino, assignor to C. A. Wardecker, Carlisle, Pa. Buffing tool for shoe shanks and soles. 2,039,723; May 5.
- Lauretti, Piacentino, assignor to C. A. Wardecker, Carlisle, Pa. Breast buffer for shoe heels. 2,046,519; July 7.
- Laurie, William, London, England. Conveyer. 2,066,206; Dec. 29.
- Laursen, Laurits A., Akron, Ohio. Spring and making same. 2,032,583; Mar. 3.
- Laursen, Laurits A., Copley, Ohio. Vehicle spring unit. 2,052,930; Sept. 1.
- Lauten, Henry. (See Wilson, H. S., and Lauten.)
- Lauter, Werner M., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preparing secondary aromatic amines. 2,028,074; Jan. 14.
- Lauter, Werner M., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Age retarder. 2,040,490; May 12.
- Lauter, Werner M., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Rubber composition and preserving rubber. 2,040,491; May 12.
- Lauterbur, Edward J. (See Lauterbur, Frank X., and E. J.)
- Lauterbur, Edward J., Sidney, Ohio. Combination dough brake and flat dough molder. 2,034,346; Mar. 17.
- Lauterbur, Edward J., Sidney, Ohio. Weighing, sifting, and delivering apparatus. 2,065,079; Dec. 22.
- Lauterbur, Frank X., deceased, and E. J. Lauterbur, Sidney, Ohio; Wilhelmina S. and L. V. Lauterbur, executors of said F. X. Lauterbur. Water-softener regenerating process and apparatus. 2,042,178; May 26.
- Lauterbur, Leo V., executors, et al. (See Lauterbur, Frank X., and E. J.)
- Lauterbur, Wilhelmina S., executors, et al. (See Lauterbur, Frank X. and E. J.)
- Lautz, Carl F. (See Bliss, S. C., and Lautz.)
- Lavalley, Alphonse. (See Lepp, Charles H., assignor.)



- La Valley, Tennis J., assignor to Steelcraft, Inc., Michigan City, Ind. Clamp. 2,042,263; May 26.
- La Valley, Tennis J., assignor to Steelcraft, Incorporated, Michigan City, Ind. Agitator. 2,053,401; Sept. 8.
- Lavarack, Frederick C. (See Schwendt, B. J., and Lavarack.)
- Lavenburg, George, New York, N. Y. Electric toaster. 2,046,471; July 7.
- Lavenburg, George, New York, N. Y. Electric toaster. 2,046,472; July 7.
- Lavender, John J., Bronx, assignor to L. M. Friedman, New York, N. Y. Water heater. 2,032,486; Mar. 3.
- Laverdisse, Edmond, assignor to Les Glaceries de la Sambre, Société Anonyme, Auvclais, Belgium. Apparatus for transporting sheets of glass. 2,038,662; Apr. 28.
- Lavergne, Jean, Paris, assignor to The Société Compagnie de Chauffage Central par le Vide, Neuilly-sur-Seine, France. Expansion valve for steam. 2,028,675; Jan. 21.
- LaVerne, Erwine, and N., New York, N. Y. Imitating wood and resulting products. 2,046,954; July 7.
- LaVerne, Nat. (See LaVerne, Erwine, and N.)
- La Via, Joseph, St. Albans, N. Y. Light regulating means. 2,042,344; May 26.
- Lavigne, Isobel R. (See Lavigne, Michael A. S.)
- Lavigne, Michael A. S., Worcester, Mass. Apparatus for handling fluids and gases. 2,045,862; June 30.
- Lavigne, Michael A. S., Worcester, Mass., assignor of fifteen per cent to M. M. Taylor, and eighty-five per cent to M. M. Taylor as trustee for I. R. Lavigne. Oil burner. 2,063,847; Dec. 8.
- Lavine Gear Company. (See Twyman, B. Wickliffe, assignor.)
- Lavino, E. J., and Company. (See Seil, Gilbert E., assignor.)
- Lavitt, Albert R., and H. L. Pearson, Denver, Colo. Insecticide sprayer. 2,030,259; Feb. 11.
- La Voice, Lewis, assignor of one-half to E. Rowe, Springfield, Mass. Game device. 2,043,105; June 2.
- La Voie, George A., Long Beach, Calif. Smelter. 2,032,706; Mar. 3.
- Law, Alfred L., White Plains, N. Y. Plant protector and soil retainer. 2,061,631; Nov. 24.
- Law, Harold W., San Francisco, Calif. Frozen confection. 2,036,706; Apr. 7.
- Law, J. H., et al. (See Vardell, Lonnie L., assignor.)
- Law & Way Co. (See Ciringione, Michael, assignor.)
- Law, William. (See Knowles, C., and Law.)
- Lawler Automatic Controls. (See Thulman, Robert K., assignor.)
- Lawler, Matthew M., Chicago, Ill., assignor to The Cooling and Air Conditioning Corporation, Hyde Park, Boston, Mass. Cooling of air by refrigeration. 2,048,661; July 21.
- Lawlor, John J., Plainfield, N. J., assignor to General Foundry Machinery Corporation. Molding machine. 2,047,209; July 14.
- Lawlor, John J., Plainfield, N. J., assignor to General Foundry Machinery Corporation, Wilmington, Del. Molding machine. 2,056,199; Oct. 6.
- Lawlor, John J., Plainfield, N. J., assignor, by mesne assignments, to General Foundry Machinery Corporation. Molding machine. 2,061,280; Nov. 17.
- Lawlor, John J., Plainfield, N. J., assignor to General Foundry Machinery Corporation. Building construction. 2,061,281; Nov. 17.
- Lawrence, Abbott W., Jr., Needham, Mass. Flooring and the like. 2,038,433; Apr. 21.
- Lawrence, Albin J., assignor to J. H. Jacobson, Chicago, Ill. Expansion joint. 2,042,408; May 26.
- Lawrence, Archibald R., Montreal, Quebec, Canada. Support for drilling machines. 2,032,940; Mar. 3.
- Lawrence, Archibald R., Montreal, Quebec, Canada. Drilling machine clamp. 2,036,483; Apr. 7.
- Lawrence, Charles H., Ysleta, Tex., assignor to H. C. Lawrence, St. Louis, Mo. Frame. 2,040,556; May 12.
- Lawrence, Charles J., Palmyra, N. Y. Razor stropping device. 2,048,798; July 28.
- Lawrence, Charles K. (See Kniskern, W. H., and Lawrence.)
- Lawrence, Charles K., Syracuse, N. Y., and H. A. Beekhuis, Jr., Petersburg, Va., assignors to Atmospheric Nitrogen Corporation, New York, N. Y. Production of urea and nitrogen oxides. 2,046,827; July 7.
- Lawrence, Charles K., Syracuse, N. Y., and E. W. Harvey, Highland Park, N. J., assignors to Atmospheric Nitrogen Corporation, New York, N. Y. Compositions of matter containing ammonia and potassium nitrate, their preparation and use. 2,050,493; Aug. 11.
- Lawrence, Charles K., Syracuse, N. Y., and H. A. Beekhuis, Jr., Petersburg, Va., assignors to Atmospheric Nitrogen Corporation, New York, N. Y. Production of urea and an ammonium salt. 2,056,283; Oct. 6.
- Lawrence, George W., Los Angeles, Calif., assignor, by mesne assignments, to Postal Automatic Machines, Inc. Automatic keyboard. 2,044,754; June 16.
- Lawrence, George W., Los Angeles, Calif., assignor, by mesne assignments, to Postal Automatic Machines, Inc. Control drive for parcel post machines. 2,045,543; June 23.
- Lawrence, Harold J. (See Huberti, J. A., and Lawrence.)
- Lawrence, Henry C. (See Lawrence, Charles H., assignor.)
- Lawrence, J. Gray et al. (See Sampson, Irving F., assignor.)
- Lawrence, James, Chicago, Ill. Casket. 2,056,404; Oct. 6.
- Lawrence, James, Chicago, Ill. Restraining device. 2,062,586; Dec. 1.
- Lawrence, James C. (See Amick, M. G., Lawrence and Stecher.)
- Lawrence, James C., Moylan, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing concentrated hydrofluoric acid. 2,047,210; July 14.
- Lawrence Paper Company, The. (See Hill, Irving, assignor.)
- Lawrence, Ralph E., Wickliffe, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Carboxylic acid derivatives of sulphurized cinchona bark alkaloids. 2,031,895; Feb. 25.
- Lawrence, Richard B., Detroit, Mich. Cooking device. 2,065,318; Dec. 22.
- Lawrenson, Judge F., Houston, Tex. Combined freight and tank vehicle. 2,026,687; Jan. 7.
- Lawry, Rolla, Greenwich, Conn., assignor to Louis Philippe, Inc., Chicago, Ill. Cosmetic applicator. 2,027,236; Jan. 7.
- Lawson, Alexander M. (See Vander Cook, R. E., and Lawson.)
- Lawson, Arthur, et al. (See Graham, Jack L., assignor.)
- Lawson, Axel A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Punching and marking machine. 2,039,321; May 5.
- Lawson, Chester M., Lynnfield, and B. Hutnick, Malden, Mass. Braiding machine. 2,042,065; May 26.
- Lawson, Cyril W., London, assignor to Bryce Limited, Hackbridge, England. Pressure equalizing valve. 2,033,839; Mar. 10.
- Lawson, David E. (See Burghoff, H. L., and Lawson.)
- Lawson, Eugene, Wooster, Ohio. Shipping crate. 2,033,344; Mar. 10.
- Lawson, Frank A. (See Eckfeldt, J. J., Flodin, and Lawson.)
- Lawson, Gottfrid C., Canton, Ohio. Switch. 2,051,725; Aug. 18.
- Lawson, Harry B. (See Nye, A. F., and Lawson.)
- Lawson, Herbert D., Washington, D. C., assignor to Mason Can Company, East Providence, R. I. Towel holder. 2,049,964; Aug. 4.
- Lawson, Holger L., and J. Stampfli, Montreal, Quebec, Canada, assignors to Hofmann & Leavy, Inc., New York, N. Y. Pompon machine. 2,062,183; Nov. 24.
- Lawson, John, Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Jacquard strip. 2,039,724; May 5.
- Lawson, John, Bristol, and R. H. Lawson, assignors to Hemphill Company, Pawtucket, R. I. Jacquard strip. 2,039,725; May 5.
- Lawson, John and R. H., Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Mechanism for effecting normal and reverse plating. 2,052,776; Sept. 1.
- Lawson, John, Bristol Highlands, and R. H. Lawson, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Patterning control means for knitting machines. 2,059,123; Oct. 27.
- Lawson, Neils, Hamden, Conn. Motor driven fare box. 2,035,754; Mar. 31.
- Lawson, Oscar L., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in the manufacture of shoes. 2,045,714; June 30.
- Lawson, Oscar L., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 2,055,544; Sept. 29.
- Lawson, Oscar L., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 2,055,545; Sept. 29.
- Lawson, Robert H. (See Lawson, John and R. H.)
- Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe machine. 2,033,248; Mar. 10.
- Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for assembling shoe parts. 2,063,938; Dec. 15.
- Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Needle support for knitting machine. 2,050,060; Aug. 4.
- Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Sinker reverse plating mechanism. 2,052,777; Sept. 1.
- Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Reverse plating knitting machine. 2,057,436; Oct. 13.
- Lawson, Robert H., Pawtucket, A. N. Cloutier, and A. L. Hutton, Jr., Lonsdale, assignors to Hemphill Company, Pawtucket, R. I. Jacquard pattern mechanism for knitting machines and patterning effected thereby. 2,030,516; Feb. 11.
- Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Knitting machine and method of knitting. 2,032,324; Feb. 25.
- Lawson, Walter E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative composition. 2,047,972; July 21.
- Lawson, Walter E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Silicon esters of modified polyhydroxy alcohols. 2,048,799; July 28.
- Lawson, Walter E., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters from halogenated paraffins. 2,049,207; July 28.



- Lawson, Walter E., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polycarboxylic acid esters. 2,062,917; Dec. 1.
- Lawson, Walter E., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyhydric alcohol esters. 2,062,918; Dec. 1.
- Lawton, Fred H. (See Lawton, Harold P. and F. H.)
- Lawton, Harold P. and F. H., Gloversville, N. Y. Apparatus for treating leather. 2,047,973; July 21.
- Lawton, Mark W., Boston, and J. A. Johnson, Framingham, assignors to Andrew J. Morse & Son, Inc., Boston, Mass. Shallow water diving suit. 2,046,565; July 7.
- Lawton, Robert B., assignor to Weber Costello Co., Chicago Heights, Ill. Map cabinet. 2,029,536; Feb. 4.
- Lay, Charles H. (See Parrill, E. E., and Lay.)
- Lay, Charles H., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,049,912; Aug. 4.
- Lay, Harry J., Portland, Ind. Broom. 2,043,757; June 9.
- Lay, Harry J., Portland, Ind. Street push broom. 2,043,758; June 9.
- Lay, Harry J., Portland, Ind. Broom and making the same. 2,059,530; Nov. 3.
- Laymon, Gilbert D., Miami, Fla. Removing stains from teeth. 2,031,169; Feb. 18.
- Layne, Byron P., Los Angeles, Calif. Piston ring. 2,058,471; Oct. 27.
- Layne, Leslie A., and H. C. Block, Houston, Tex.; said Block assignor to said Layne. Detachable blade bit. 2,040,263; May 12.
- Laystrom, Hilding A. (See Clark, J. H., and Laystrom.)
- Layton, Charles E., assignor to General Railway Signal Company, Rochester, N. Y. Light signal mounting means. 2,038,117; Apr. 21.
- Layton, Le Roy, Lansdowne, assignor to Lansdowne Steel & Iron Company, Morton, Pa. Working standard steel billets. 2,057,580; Oct. 13.
- Layton, Le Roy, Lansdowne, assignor to Lansdowne Steel & Iron Company, Morton, Pa. Apparatus for working standard steel billets. 2,059,124; Oct. 27.
- Layton, Roy F., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric cable and manufacturing it. 2,041,842; May 26.
- Lazar, Arthur, Associated, and John M. Evans, Berkeley, assignors to Associated Oil Company, San Francisco, Calif. Stabilizing oils. 2,058,696; Oct. 27.
- Lazarus, Meyer, Brooklyn, N. Y. Electric current rectifying device and making the same. 2,036,707; Apr. 7.
- Lazich, Branko, Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,035,169; Mar. 24.
- Lazich, Branko, Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for changing speed and direction of rotation by reversing a constant speed motor. 2,038,082; Apr. 21.
- Lazich, Branko, Edgewood, and H. J. Zygmunt, Braddock, assignors to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,035,170; Mar. 24.
- Lazich, Branko, Edgewood, and H. E. Ashworth, assignors to The Union Switch & Signal Company, Swissvale, Pa. Worm gearing. 2,063,510; Dec. 8.
- Lazier, Wilbur A. (See Arnold, H. R., and Lazier.)
- Lazier, Wilbur A. (See Barrett, H. J., and Lazier.)
- Lazier, Wilbur A., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of aliphatic alcohols and esters. 2,027,182; Jan. 7.
- Lazier, Wilbur A., Marshallton, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic process for hydrogenation of furfuranes. 2,033,292; Mar. 10.
- Lazier, Wilbur A., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing polyhydroxy alcohols. 2,040,944; May 19.
- Lazier, Wilbur A., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing ethylene glycol. 2,060,880; Nov. 17.
- Lazier, Wilbur A., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic composition and preparing same. 2,066,153; Dec. 29.
- Lazier, Wilbur A., Wilmington, Del., assignor to E. I. du Pont de Nemours & Company. Packing fluid seals. 2,027,389; Jan. 14.
- Lazier, Wilbur A., Marshallton, and J. H. Werntz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Oil- and water-proof product. 2,027,390; Jan. 14.
- Lazier, Wilbur A., Marshallton, Del., and J. V. Vaughen, Lakewood, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenating sulphur compounds. 2,041,840; May 26.
- L'Azote, Francois. (See des Ylouses, Gaston L., assignor.)
- Lea, Dudley L., assignor to Self Lifting Piano Truck Company, Findlay, Ohio. Portable truck. 2,030,925; Feb. 18.
- Leach, Charles H., Roselle, N. J. Heat exchange apparatus. 2,032,021; Feb. 25.
- Leach, Charles H., Roselle, N. J. Bubble tower apparatus. 2,057,437; Oct. 13.
- Leach, Charles H., Rochelle, N. J. Heat exchange apparatus. 2,059,967; Nov. 3.
- Leach, Charles H., Roselle, N. J. Heat exchange apparatus. 2,061,429; Nov. 17.
- Leach, Chillson, Ashland, Ky. Gas tank lock. 2,033,432; Mar. 10.
- Leach, Edward A., Schenectady, N. Y., assignor to General Electric Company. Inductor. 2,036,982; Apr. 7.
- Leach, Edward A., Cincinnati, Ohio, assignor to General Electric Company. Transmission line. 2,044,580; June 16.
- Leach, Elton H., Lake Charles, La. Inside casing cutter. 2,062,420; Dec. 1.
- Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Alloys. 2,031,113; Feb. 18.
- Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Alloy. 2,042,155; May 26.
- Leach, Robert W., and W. H. Bateman, Newport, England. Valve. 2,042,066; May 26.
- Leach, Robert W., and W. H. Bateman, Newport, England. Valve. 2,042,067; May 26.
- Leader, Harold, assignor to Western Water Heater Corporation Ltd., Los Angeles, Calif. Electric water heater. 2,036,815; Apr. 7.
- Leaf, Sol. S., and R. Panza, assignor to Overland Candy Corporation, Chicago, Ill. Wafer machine. 2,048,011; July 21.
- Leahy, Daniel E., San Francisco, Calif. Razor blade holder. 2,041,003; May 19.
- Leahy, Francis T., Jr., Brookline, Mass. Automatic tuning control for radio communication apparatus. 2,029,779; Feb. 4.
- Leahy, Frank E. (See Mawhinney, M. H., and Leahy.)
- Leahy, Herbert V., Los Angeles, Calif. Furnace construction. 2,065,533; Dec. 29.
- Leahy, Michael J., Fort Worth, Tex. Production of carbon bisulphide. 2,026,840; Jan. 7.
- Leak, Arthur H., Ramsey, N. J., assignor, by mesne assignments, to The Reed Propeller Co., Inc., Garden City, N. Y. Connecting rod. 2,037,384; Apr. 14.
- Leake, Arthur G., Bridgeport, Conn. Repairing stringers. 2,040,557; May 12.
- Leake, Arthur G., Bridgeport, Conn. Seat connection. 2,042,179; May 26.
- Leake, Arthur G., Bridgeport, Conn. Reenforcing bridges. 2,042,180; May 26.
- Leake, James M. (See Fairchild, G. G., and Leake.)
- Leake, James M. and G. G. Fairchild, Toledo, Ohio. Shipping cases. 2,026,901; Jan. 7.
- Leake, Richard C., assignor to General Railway Signal Company, Rochester, N. Y. Train dispatching system for railroads. 2,042,668; June 2.
- Leake, Richard C., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic control system. 2,042,670; June 2.
- Leake, Richard C., and R. M. Phinney, assignors to General Railway Signal Company, Rochester, N. Y. Train dispatching system for railroads. 2,042,669; June 2.
- Leap, Edward G. (See Saferite, Lloyd R., assignor.)
- Leaper, Percy J., Naugatuck, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Vulcanization of rubber. 2,045,275; June 23.
- Lear, Joseph D. (See Askin, J., and Lear.)
- Lear, Joseph D., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Carbonated beverage dispenser. 2,035,391; Mar. 24.
- Lear, William P., Chicago, Ill., M. E. Nulsen, Indianapolis, Ind., and R. S. Yoder, Chicago, Ill., assignors to P. R. Mallory & Co., Incorporated, Indianapolis, Ind. Potential changer. 2,032,424; Mar. 3.
- Learmonth, William. (See Nonhebel, G., Pearson, and Learmonth.)
- Learmonth, William, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Apparatus for treating gases with liquids. 2,056,429; Oct. 6.
- Learnard, Harry D., and H. R. Mathewson, Lyman, S. C. assignors to Pacific Mills, Lawrence, Mass. Pillowcase turner and doffer. 2,060,511; Nov. 10.
- Leary, Edward J., Chicago, Ill. Jack positioning mechanism. 2,045,016; June 23.
- Leatherman, Clarence M., assignor of two-thirds to Coldwater Instrument Works, and one-third to W. O. Hulsberg, Coldwater, Mich., and P. Eyster, Angola, Ind. Pendulum inclinometer. 2,057,336; Oct. 13.
- Leatherman, Martin, Hyattsville, Md. Removing fibrous layers from surfaces. 2,052,884; Sept. 1.
- Leathers, Arney C., Detroit, Mich. Nut and detachable handle. 2,051,953; Aug. 25.
- Leathers, Ward, Haworth, N. J., assignor, by mesne assignments, to The Quadrex Corporation. Vacuum cleaner. 2,046,172; June 30.
- Leathers, Ward, Haworth, N. J., assignor to Quadrex Corporation. Suction sweeper nozzle for suction cleaners. 2,060,510; Nov. 10.
- Leathorn, Robert, London, Ontario, Canada. Lighted mirror. 2,048,939; July 28.
- Leavens, Robert E., Houston, Texas. Banana peeler. 2,047,012; July 21.
- Leavenworth, Frank G., Oak Park, assignor to W. Hartman, Chicago, Ill., trustee. Fuse plug. 2,055,035; Sept. 22.
- Leaver, James M., Jr., Oakland, Calif. Rotary bundle binding and tying machine. 2,054,602; Sept. 15.
- Leaver, James M., Jr., Oakland, Calif. Bundle binding and tying machine. 2,054,603; Sept. 15.
- Leavitt, Harry W., Hammond, assignor to Frank E. Thompson, Pierson Station, Ill. Mowing attachment for trucks. 2,065,901; Dec. 29.
- Leavitt Machine Company, The. (See Albee, Hugh M., assignor.)



- Le Baron, Robert F., New York, N. Y., assignor, by mesne assignments, to Standard Alcohol Company, Wilmington, Del. Sulphating olefines. 2,028,226; Jan. 21.
- Lebeau, Allan, Montreal, Quebec, Canada. Card file. 2,034,241; Mar. 17.
- Lebedeff, Yurii E. (See Betterton, J. O., and Lebedeff.)
- Le Bel, Clarence J., Lynn, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electrical apparatus. 2,028,338; Jan. 21.
- Lebel, Louis, Sherbrooke, Quebec, Canada, assignor to J. J. Rosenthal, New York, N. Y. Demountable wheel. 2,031,114; Feb. 18.
- Leben, Henry, Newcastle-upon-Tyne, assignor to A. Reyrolle & Company Limited, Hebburn-upon-Tyne, England. Electric relay. 2,063,447; Dec. 8.
- Leben, Jack, Bushey, assignor to Ormul Products, Limited, London, England. Soap compositions. 2,055,581; Sept. 29.
- Lebert, Alfred, Dusseldorf-Morsenbroich, Germany. Balancing machine. 2,026,688; Jan. 7.
- Lebherz, Harry J., assignor to The Everedy Company, Frederick, Md. Device for opening jars. 2,031,420; Feb. 18.
- Le Blanc, Oliver D., Trees, La. Load equalizer for deep well pumps. 2,056,076; Sept. 29.
- Le Bleu, Charles, assignor to Davenport Manufacturing Company, Los Angeles, Calif. Scraper with scoop lift mechanism. 2,047,027; July 7.
- Le Bleu, Charles, Los Angeles, Calif., assignor to The Slusser McLean Scraper Company, Sidney, Ohio. Scraper. 2,052,182; Aug. 25.
- Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Luning, assignors.)
- Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Meyer, assignors.)
- Le Blond, R. K., Machine Tool Company, The. (See Le Blond, Richard K., assignor.)
- LeBlond, R. K., Machine Tool Company, The. (See Pierie, Henry C., assignor.)
- Le Blond, Richard K., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Tailstock construction for lathes. 2,062,790; Dec. 1.
- Le Boeuf, Arthur W., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Machine for winding electrical coils. 2,029,577; Feb. 4.
- Leboff, Ezra J., Roxbury, and H. N. Lewowich, Dorchester, Mass. Knitting needle. 2,061,282; Nov. 17.
- Lebow, Morris, Providence, R. I. Band for dental and other uses. 2,035,135; Mar. 24.
- Lebre, Albert F., Paris, France. Process of and apparatus for performing conversions of mechanical and thermal energy. 2,045,152; June 23.
- Lebre, Albert F., Paris, France. Heat exchanger. 2,058,022; Oct. 20.
- Le Brocq, Laurence F. (See Sutton, H., and Le Brocq.)
- Le Bus, George F., Longview, Tex. Well drilling system. 2,054,223; Sept. 15.
- Le Carbone Co. (See Thompson, H. G., and Hughes, assignors.)
- Lecher, Hans Z. (See Munro, W. P., and Lecher.)
- Lecher, Hans, Leverkusen-I. G. Werk, W. Bauer, L. Zeh, Leverkusen-Wiesdorf, and B. Bollweg, Leverkusen-I. G. Werk, Germany, assignors, by mesne assignments, to Durand and Huguenin, Basel, Switzerland. Preparing sulphuric acid esters of leuco derivatives of vat dyestuffs. 2,035,325; Mar. 24.
- Lechler, Firma Paul. (See Liedle, Wilhelm, assignor.)
- Lechler, Paul. (See Maurer, Friedrich, assignor.)
- Lechler, Wilhelm, Munich, Germany. Apparatus for neutralizing noxious organisms. 2,043,002; June 2.
- Leckey, Charles M., Washington, D. C. Plasterer's mortarboard stand. 2,042,110; May 26.
- Leclerc, Ovide. (See Morrisette, Emery, assignor.)
- Le Comte & Co. (See Le Comte, Victor K., assignor.)
- Le Comte, Victor K., Forest Hills, assignor to Le Comte & Co., Inc., Brooklyn, N. Y. Container. 2,026,946; Jan. 7.
- Lecoq, Louis, Levallois, France. Bismuth campholate. 2,032,994; Mar. 3.
- Lectrolite Corporation. (See Schlosser, Harold L., assignor.)
- Ledbetter, John N., et al. (See Olsen, Oscar A., assignor.)
- Ledbetter, John N., 3d. (See Wilhelm, Avery B., assignor.)
- Ledbetter, William H., Dallas, Tex. Tractor wheel. 2,052,097; Aug. 25.
- Ledeboer, Jeremias H., Veverwijk, assignor to Koninklijke Nederlandsche Hoogovens en Staalfabrieken N. V., IJmuiden, Netherlands. Centrifugal casting machine. 2,047,583; July 14.
- Lederer, Edwin R., Fort Worth, Tex. Lubricating oil and producing same. 2,027,738; Jan. 14.
- Lederer, Henry, & Bro., Inc. (See Kilstrom, Axel, assignor.)
- Lederfeind, Robert. (See Bauer, William J., assignor.)
- Lederle, Ekbert, Ludwigshafen-on-the-Rhine, Germany. Red pigments. 2,030,009; Feb. 4.
- Lederle, Ekbert, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Chrome pigments. 2,063,254; Dec. 8.
- Lederle Laboratories, Inc. (See Beard, Stanley D., assignor.)
- Ledin, Charles. (See Maxwell, M. C., Thompson, Ledin, and Lowe.)
- Ledin, Charles, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 2,030,456; Feb. 11.
- Ledin, Charles, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock and making same. 2,058,893; Oct. 27.
- Ledin, Sven H. (See Öman, E., and Ledin.)
- Lednum, Edmund T. (See Holran, J. R., and Lednum.)
- Lednum, James M., Baltimore, and W. Marshall, Catonsville, assignors, by mesne assignments, to The Davison Chemical Corporation, Baltimore, Md. Air dehydration unit. 2,052,931; Sept. 1.
- Le Dorf, Marida, Long Beach, N. Y. Foot protector. 2,038,844; Apr. 28.
- Ledwinka, Hans, Koprivnice, Czechoslovakia. Motor vehicle body. 2,064,380; Dec. 15.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Railway vehicle wheel and tire. 2,027,739; Jan. 14.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle construction. 2,037,664; Apr. 14.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle wheel. 2,039,091; Apr. 28.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail vehicle tire. 2,039,092; Apr. 28.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Pneumatic tire. 2,039,726; May 5.
- Ledwinka, Joseph, assignor to Edward G. Budd Mfg. Co., Philadelphia, Pa. Rail car wheel. 2,039,727; May 5.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body construction. 2,058,328; Oct. 20.
- Lee, Arthur, Newark, N. J. Self-propeller toy fish. 2,065,337; Dec. 22.
- Lee, Arthur L., Gibsonia, Pa. Rail bond. 2,032,290; Feb. 25.
- Lee, Arthur L., Gibsonia, Pa. Cutter chain. 2,046,023; June 30.
- Lee, Arthur L., Oakmont, Pa. Flexible coupling. 2,042,608; June 2.
- Lee, Arthur L., Oakmont, Pa. Cutter chain. 2,046,024; June 30.
- Lee, Arthur L., Oakmont, Pa. Bit locking screw. 2,046,025; June 30.
- Lee, Arthur L., Oakmont, Pa. Bit block. 2,046,026; June 30.
- Lee, Beales, Drayton, and F. P. Bevis, Waterloo, England. Fastening means. 2,032,022; Feb. 25.
- Lee, Carl, assignor to Peabody Coal Company, Chicago, Ill. Peening machine. 2,062,459; Dec. 1.
- Lee, Carl, assignor to Peabody Coal Company, Chicago, Ill. Welding machine and process of welding. 2,062,460; Dec. 1.
- Lee, Charles G. (See Culver, C. H., and Lee.)
- Lee, Clarence E., Auburn, assignor to The Beacon Milling Company, Incorporated, Cayuga, N. Y. Pelleted feed and making same. 2,056,107; Sept. 29.
- Lee, Daniel W., Philadelphia, Pa. Cutting device. 2,042,318; May 26.
- Lee, Elmer, et al. (See Burke, Arthur R., assignor.)
- Lee, Frank H., Danbury, Conn. Manufacture of fur or felt hats. 2,039,911; May 5.
- Lee, Frederick S., assignor of one-half to C. H. Specht, Los Angeles, Calif. Rake. 2,052,885; Sept. 1.
- Lee, Harry G., assignor to L. Shapiro, Unionville, Conn. Signal device. 2,049,843; Aug. 4.
- Lee, Harry S., Detroit, Mich. Apparatus for manufacturing, treating, and cooling cement clinkers. 2,031,047; Feb. 18.
- Lee, Harry S., Detroit, Mich. Fuel feed burner. 2,031,048; Feb. 18.
- Lee, Harry S., Detroit, Mich. Apparatus for manufacturing and treating cement clinkers. 2,031,049; Feb. 18.
- Lee, Harry S., Detroit, Mich. Process and apparatus for burning fuel. 2,032,135; Feb. 25.
- Lee, Henry B. (See Lolley, W. H., and Lee, assignors.)
- Lee, Henry R. (See Buxbaum, E. C., and Lee.)
- Lee, Herbert C., North Ealing, London, England. Hydraulic clutch. 2,050,955; Aug. 11.
- Lee, Horace W., assignor to Kapella Limited, Leicester, England. Lens. 2,064,550; Dec. 15.
- Lee, James, assignor to Scovill Manufacturing Company, Waterbury, Conn. Lipstick holder. 2,064,557; Dec. 15.
- Lee, James E., O. T. Gylleck, and F. Barney, assignors to The Challenge Machinery Company, Grand Haven, Mich. Paper slitting and slotting machine. 2,029,624; Feb. 4.
- Lee, James E., J. W. Lee, O. T. Gylleck, and F. Barney, assignors to The Challenge Machinery Company, Grand Haven, Mich. V-slot paper cutter. 2,029,625; Feb. 4.
- Lee, James W. (See Lee, James E. and J. W., Gylleck, and Barney.)
- Lee, Jesse C., Novato, and W. O. Tyler, Sausalito, Calif. Antivermin perch for fowls. 2,057,784; Oct. 20.
- Lee, John. (See Christiansen, W. G., and Lee.)
- Lee, John H. (See Mathiesen, Marius, assignor.)
- Lee, John J., Wilmington, Calif. Tapping device. 2,064,209; Dec. 15.
- Lee, John J., assignor to The Barr Rubber Products Company, Sandusky, Ohio. Making inflatable articles. 2,053,371; Sept. 8.



- Lee, John J., assignor to The Barr Rubber Products Company, Sandusky, Ohio. Inflatable article form. 2,053,372; Sept. 8.
- Lee, Joseph F., Washington, D. C., and J. Giarratana, New York, N. Y. Electrical system for the remote indication of instrument readings. 2,066,114; Dec. 29.
- Lee, Marvin, Rye, assignor to Burndy Engineering Co., Inc., New York, N. Y. Insulated electrical connector. 2,033,199; Mar. 10.
- Lee, Maynard D. (See Hallett, W. A., and Lee.)
- Lee, Maynard D., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Shipping container for silk cops. 2,063,319; Dec. 8.
- Lee Metal Products Company. (See Tay, George H., assignor.)
- Lee, Orval W., Spokane, Wash. Visual acuity meter. 2,033,529; Mar. 10.
- Lee, Orval W., Spokane, Wash. Ophthalmic mounting. 2,051,996; Aug. 25.
- Lee, Paul R., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Manual reset thermostat. 2,032,136; Feb. 25.
- Lee, Ralph L., Dayton, Ohio, assignor, by mesne assignments, to Motion Picture Engineering Company. Projector. 2,033,038; Mar. 3.
- Lee, Reuben, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. High voltage relay. 2,047,738; July 14.
- Lee, Robert E. (See Shaffer, J. C., and Lee.)
- Lee, Roger K., Highland Park, Mich. Fan blade. 2,033,345; Mar. 10.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Motor mounting. 2,034,764; Mar. 24.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Combination fan and vibration damper. 2,041,555; May 19.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Internal combustion engine. 2,044,581; June 16.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Internal combustion engine. 2,047,419; July 14.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Internal combustion engine. 2,047,420; July 14.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Engine valve operating mechanism. 2,055,454; Sept. 22.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Internal combustion engine. 2,058,242; Oct. 20.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Automatic transmission restoring apparatus. 2,062,007; Nov. 24.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Motor vehicle. 2,065,080; Dec. 22.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Valve operating mechanism. 2,065,081; Dec. 22.
- Lee, Roger K., assignor to Chrysler Corporation, Detroit, Mich. Vibration dampener. 2,041,556; May 19.
- Lee, Roger K., Highland Park, and W. J. McCortney, Royal Oak, assignors to Chrysler Corporation, Detroit, Mich. Making bonded rubber and metal articles. 2,031,720; Feb. 25.
- Lee, Ronald S., Paddington, London, England. Radiator. 2,037,861; Apr. 21.
- Lee, Roy C., Irvington, N. J. Fuel saving device. 2,029,110; Jan. 28.
- Lee Rubber & Tire Corporation. (See Carlin, James C., assignor.)
- Lee Rubber & Tire Corporation. (See Nellen, Arthur H., assignor.)
- Lee, Thomas S., assignor to A. W. Wallace-Turner, London, England. Apparatus for raising plants from seed. 2,051,461; Aug. 18.
- Lee, Walter J., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Apparatus for demonstrating nonskid properties of rubber tires. 2,058,805; Oct. 27.
- Lee, William F., New York, N. Y. Cooling system for motor vehicles. 2,035,611; Mar. 31.
- Lee, William J., Lockport, assignor to The Western Block Company, Lockport, N. Y. Snatch block. 2,027,279; Jan. 7.
- Lee, William M., assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Esterification of olefines. 2,041,193; May 19.
- Lee, William M., Bala-Cynwyd, Pa., and L. H. Clark, Charleston, W. Va., assignors to The Sharples Solvents Corporation, Philadelphia, Pa. Producing derivatives of hydroxy aryl compounds. 2,050,188; Aug. 4.
- Lee, William W., Maywood, Ill. Well point. 2,042,790; June 2.
- Leece, Bennett M., assignor to The Leece-Neville Company, Cleveland, Ohio. Voltage regulation. 2,052,047; Aug. 25.
- Leece, Bennett M., assignor to The Leece-Neville Company, Cleveland, Ohio. Voltage regulator. 2,052,048; Aug. 25.
- Leece, Bennett M., assignor to The Leece-Neville Company, Cleveland, Ohio. Generator regulating device. 2,052,049; Aug. 25.
- Leece, Bennett M., Cleveland, and D. S. Cole, Cleveland Heights, assignors to The Leece-Neville Company, Cleveland, Ohio. Regulator. 2,029,266; Jan. 28.
- Leece, Bennett M., Cleveland, and D. S. Cole, Cleveland Heights, assignors to The Leece-Neville Company, Cleveland, Ohio. Electromagnetic device. 2,029,267; Jan. 28.
- Leece-Neville Company, The. (See Cole, Dale S., assignor.)
- Leece-Neville Company, The. (See Cole, D. S., and Speth, assignors.)
- Leece-Neville Company, The. (See Leece, Bennett M., assignor.)
- Leece-Neville Company, The. (See Leece, B. M., and Cole, assignors.)
- Leece-Neville Company, The. (See Speth, George W., assignor.)
- Leece-Neville Company, The. (See Speth, Leonard S., assignor.)
- Leech, Aubrey B., Chicago, Ill. Apparatus for producing illuminated motion effects. 2,064,210; Dec. 15.
- Leech, William I. (See Choate, R. E., Graves, and Leech.)
- Leedham, Leslie H., assignor to Wildt and Company Limited, Leicester, England. Yarn winding machine. 2,059,589; Nov. 3.
- Leeds, Laurance M., Schenectady, N. Y., assignor to General Electric Company. Cathode ray oscillograph sweep circuit. 2,059,004; Oct. 27.
- Leeds, Morris E., assignor to Leeds & Northrup Company, Philadelphia, Pa. Measuring system. 2,031,050; Feb. 18.
- Leeds & Northrup Company. (See Bristol, Edward S., assignor.)
- Leeds & Northrup Company. (See Dike, Paul H., assignor.)
- Leeds & Northrup Company. (See Doyle, Edgar D., assignor.)
- Leeds & Northrup Company. (See Doyle, E. D., and Dike, assignor.)
- Leeds & Northrup Company. (See Eberle, F., and Rosecrans, assignors.)
- Leeds & Northrup Company. (See Fredericks, George E., assignor.)
- Leeds & Northrup Company. (See Harsch, John W., assignor.)
- Leeds & Northrup Company. (See Leeds, Morris E., assignor.)
- Leeds & Northrup Company. (See Quereau, J. F., and Williams, assignor.)
- Leeds & Northrup Company. (See Schock, John F., assignor.)
- Leeds & Northrup Company. (See Stein, Irving M., assignor.)
- Lees-Bradner Company, The. (See Warner, Homer C., assignor.)
- Leeds & Northrup Company. (See Williams, Albert J., Jr., assignor.)
- Leedy, Walter L., Youngstown, Ohio. Pipe joint. 2,040,092; May 12.
- Leeman, Edward D., Medford, Mass. Inner spring mattress. 2,029,076; Jan. 28.
- Leeper, Victor, et al. (See McDowell, John, J. F., and E., assignors.)
- Lees, Arthur W. (See Sucharski, C. J., and Lees.)
- Lees-Bradner Company, The. (See Hawgood, Harvey R., assignor.)
- Lees-Bradner Company, The. (See Schurr, Charles H., assignor.)
- Lees, Harry W., Shaker Heights, and W. C. Grosser, assignors to The Draper Manufacturing Company, Cleveland, Ohio. Barrel gauge construction. 2,039,965; May 5.
- Lees, Norman. (See Lees, Walter, assignor.)
- Lees, Walter, assignor of one-half to N. Lees, Philadelphia, Pa. Shock absorber for looms. 2,036,585; Apr. 7.
- Lees, William H., Lowell, Mass. Gift wrapping package. 2,037,515; Apr. 14.
- Lee-Tex Rubber Products Corporation. (See Miller, Layard D., assignor.)
- Leeuwijn, Max, Eindhoven, Netherlands, assignor to Radio Corporation of America. Device indicating the position of adjustable parts of radio sets and the like. 2,027,918; Jan. 14.
- Le Fave, Victor A., Rantoul, Ill. Safety coil box. 2,043,180; June 2.
- Lefebvre, Maurice, Detroit, Mich. Gas mixer. 2,028,937; Jan. 28.
- Le Febvre, Alfred L., Hartford, assignor of one-half to A. I. Nellis, West Hartford, Conn. Knitting needle. 2,059,968; Nov. 3.
- Le Febvre, Clarence C. (See John, H., Le Febvre, and Du Bois.)
- Lefever, Charles F., assignor to Daisy Manufacturing Company, Plymouth, Mich. Toy gun. 2,055,900; Sept. 29.
- Le Febvre, Arden W., assignor to Stewart-Warner Corporation, Chicago, Ill. Straight scale speedometer. 2,062,461; Dec. 1.
- Lefevre, Emil B. G., Detroit, Mich. Automobile door hinge. 2,027,833; Jan. 14.
- Lefevre, Emil B. G., Detroit, Mich. Automobile door hinge. 2,045,955; June 30.



- Lefevre, Emil B. G., Detroit, Mich. Concealed door hinge. 2,051,726; Aug. 18.
- Lefevre, Emil B. G., Detroit, Mich. Concealed hinge. 2,063,686; Dec. 8.
- Le Fevre, George L., Clarendon, Va., assignor of one-half to G. A. Cook, Washington, D. C. Educational device. 2,030,175; Feb. 11.
- Le Févre, Simeon J., Watertown, assignor to Boott Mills, Lowell, Mass. Dish towel. 2,033,840; Mar. 10.
- Leffert, Charles B., assignor to Geo. B. Carpenter & Co., Chicago, Ill. Awning. 2,060,582; Nov. 10.
- Leffert, Julius, St. Louis, Mo. Snap cap closure. 2,037,172; Apr. 14.
- Lefland, Paul W., Dallas, Tex. Plumbing fixtures. 2,061,971; Nov. 24.
- Lefforge, Kenneth N., administrator. (See Lefforge, Lawrence.)
- Lefforge, Lawrence, deceased, Wabash, Ind.; K. N. Lefforge, administrator of said Lawrence Lefforge. Fence bracket. 2,051,302; Aug. 18.
- Le Film Ozaphane, Société Anonyme. (See Bernheim, Roger, assignor.)
- Lefkowitz, Samuel, New York, N. Y. Clothes hanging supporting device. 2,050,616; Aug. 11.
- Lefler, Melvin N. (See Lundelius, O. F., and Lefler.)
- Lefrand, Edouard, Issy-les-Moulineaux (Seine), France, assignor to W. Mansbach, Berlin, Germany. Displaying apparatus. 2,063,687; Dec. 8.
- Le Frank, John D. (See Nordquist, R. E. J., and Le Frank.)
- Leftwich, Robert F., Bronxville, assignor to Greenawalt Incinerating Corporation, New York, N. Y. Disposal of refuse. 2,047,375; July 14.
- Legan, Frank L., et al. (See Miller, Lewis, assignor.)
- Le Gare, Arthur E., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway car structure. 2,049,614; Aug. 4.
- Legat, Robert C., assignor to G. E. Prentice Manufacturing Company, New Britain, Conn. Bottom stop for fasteners. 2,037,473; Apr. 14.
- Legat, Robert C., assignor to G. E. Prentice Manufacturing Company, New Britain, Conn. Slide fastener. 2,054,880; Sept. 22.
- Legat, Robert C., assignor to G. E. Prentice Manufacturing Company, New Britain, Conn. Slider for fasteners. 2,062,791; Dec. 1.
- Legé, Edouard G. M. R., Paris, France. Transforming hydrocarbons. 2,038,369; Apr. 21.
- Legendre, Julien, Thibodaux, La. Ground-working implement. 2,053,617; Sept. 8.
- Legendre, Julien, Thibodaux, La. Agricultural implement. 2,053,618; Sept. 8.
- Leger, Joseph. (See Hendrickson, S., and Leger.)
- Leez, David A., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Controlling hydrogen ion concentration of butyl alcohol fermentation mashers. 2,063,449; Dec. 8.
- Legg, David A., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of ethyl alcohol and acetone by fermentation. 2,063,450; Dec. 8.
- Legg, David A., and H. R. Stiles, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Controlling hydrogen ion concentration of butyl alcohol fermentation mashers. 2,063,448; Dec. 8.
- Legg, Richard R., Oklahoma City, Okla. Hot water heater shell. 2,059,371; Nov. 3.
- Legg, Robert, Limited. (See Schreiber, Patrick R., assignor.)
- Leggat, John W. (See Anibal, B. H., and Leggat.)
- Leggat, John W., assignor to General Motors Corporation, Pontiac, Mich. Lifting jack device. 2,039,010; Apr. 28.
- Legge, Alfred G., Brockton, Mass. Shoe form. 2,027,048; Jan. 7.
- Leggerie, Thomas. (See Snyder, L. V., and Leggerie.)
- Leggett and Platt Spring Bed and Manufacturing Company. (See Kirchner, Carl O., assignor.)
- Leggett, Cohen P. (See Smith, Colbert R., assignor.)
- Leggett, Cohen P., Rowland, N. C. Plow and extension sweep. 2,061,472; Nov. 17.
- Leghorn, George M. (See Wagner, John A., assignor.)
- Le Goff, Lucien J. A., assignor to Société d'Electricité Mors, Clichy, France. Polarized alternating current relay. 2,053,619; Sept. 8.
- Le Goff, Lucien J. A., assignor to Société d'Electricité Mors, Clichy (Seine), France. Static polarization of alternating current apparatus. 2,058,697; Oct. 27.
- Leg-O-Matic Company, The. (See Kovats, John, assignor.)
- Le Grand, Joseph M., Heathsville, Va. Thermal insulation structure. 2,044,731; June 16.
- Le Grand, Joseph M., Heathsville, Va. Thermally insulated wall structure. 2,047,211; July 14.
- Le Grand, Joseph M., Chicago, Ill. Thermal insulation. 2,050,663; Aug. 11.
- Legros, Damas, Sioux Lookout, Ontario, Canada. Buck-saw. 2,049,844; Aug. 4.
- Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Strip rubber and method and apparatus for producing the same. 2,042,536; June 2.
- Le Guillou, René J., assignor to Société Des Applications "Guillux", Paris, France. Reflector. 2,032,622; Mar. 3.
- Lehew, Robert H., Highland Park, Mich. Cover and dispenser for milk cans and the like. 2,062,365; Dec. 1.
- Lehigh University, et al. (See Long, J. S., and Ball, assignors.)
- Lehigh University. (See Seyfert, Stanley S., assignor.)
- Lehman, Frederick J., assignor to Warren Tool Corporation, Warren, Ohio. Method of and apparatus for forging and shaping metal articles. 2,058,698; Oct. 27.
- Lehman, Frederick J., Leavittsburg, assignor to Warren Tool Corporation, Warren, Ohio. Apparatus for forging and shaping metal articles. 2,058,699; Oct. 27.
- Lehman, Harry, Brooklyn, N. Y. Combined beverage container and serving tray. 2,056,943; Oct. 13.
- Lehman, John F., Lodi, Calif. Portable irrigation gate. 2,056,679; Oct. 6.
- Lehman, Paul W., Grosse Pointe Park, and G. F. Wikle, Detroit, Mich., assignors to United States Rubber Company, New York, N. Y. Method and apparatus for making coils. 2,049,587; Aug. 4.
- Lehman, Werner. (See Chambers, J. T., and Lehman.)
- Lehmann, Herbert G. (See Sveda, J. E., and Lehman.)
- Lehmann, J. M., Company. (See Hollstein, Paul, assignor.)
- Lehmann, John W., Rochester, N. Y. Holder for lipsticks, etc. 2,055,414; Sept. 22.
- Lehmann, Karl A., and E. Breitling, Essen, Germany, assignors, by mesne assignments, to The National Cash Register Co., Dayton, Ohio. Multiple totalizer cash register. 2,057,438; Oct. 13.
- Lehmann, Walter, Wuppertal-Elberfeld, assignor to W. Peyinghaus, trading as Eisen- u. Stahlwerk Walter Peyinghaus, Egge, near Volmarstein, a. d. Ruhr, Germany. Axle bearing lubrication device. 2,030,644; Feb. 11.
- Lehn, Charles J., Oak Park, Ill. Humidifying system. 2,031,220; Feb. 18.
- Lehn, John U. (See Zahm, J. D., and Lehn.)
- Lehon Company, The. (See Moone, Albert E. F., assignor.)
- Lehotsky, William E. (See Swetta, J. R., and Lehotsky.)
- Lehr, Charles E., Bethlehem, Pa., assignor to Bethlehem Steel Company, Ladle. 2,043,048; June 2.
- Lehr, Paul E., and H. T. Wyatt, Long Beach, Calif. Method and apparatus for measuring well depths. 2,047,974; July 21.
- Lehrman, Leo A., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,051,610; Aug. 18.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio receiver arrangement for landing aircraft. 2,034,520; Mar. 17.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finding. 2,043,624; June 9.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finder antenna. 2,046,473; July 7.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Submarine antenna. 2,049,588; Aug. 4.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Directional receiver. 2,054,160; Sept. 15.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Directional system for landing of aircraft. 2,064,171; Dec. 15.
- Leib, August, and H. Scharlau, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Signaling system. 2,039,812; May 5.
- Leibe, Frank A. (See Green, E. I., and Leibe.)
- Leibe, Frank A., Quakertown, Pa., and T. C. Rogers, Westfield, N. J., assignors to American Telephone and Telegraph Company. Coaxial circuit with stranded inner conductor. 2,034,047; Mar. 17.
- Leibing Automotive Devices, Incorporated. (See Leibing, William E., assignor.)
- Leibing Automotive Devices, Incorporated. (See Leibing, W. E., and Fageol, assignors.)
- Leibing, William E., Sausalito, assignor to Leibing Automotive Devices, Incorporated, San Francisco, Calif. Method and apparatus for governing flow lines. 2,026,947; Jan. 7.
- Leibing, William E., Sausalito, assignor to Leibing Automotive Devices, Incorporated, San Francisco, Calif. Method and apparatus for governing flow lines. 2,026,948; Jan. 7.
- Leibing, William E., Sausalito, and R. D. Fageol, Oakland, assignors to Leibing Automotive Devices, Incorporated, San Francisco, Calif. Carburetor. 2,034,048; Mar. 17.
- Leibner, Albert E., Westfield, N. J. Combination ashtray and pipe cleaner. 2,038,370; Apr. 21.
- Leibowitz, Meyer N. (See Alumbaugh, Frank C., assignor.)
- Leicester, William F., Hackensack, N. J. Making glued up plywood. 2,028,287; Jan. 21.
- Leichter, Edward E., assignor to Langendorf United Bakeries, Inc., San Francisco, Calif. Continuous bread toasting machine. 2,051,303; Aug. 18.
- Leifer, Gustav, Berlin-Dahlem, and O. Weeber, Berlin-Charlottenburg, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Dial arrangement for broadcast receivers. 2,038,796; Apr. 28.
- Leifheit, Frank J., and J. S. Caruthers, Middleport, Ohio. Fluid separator. 2,037,245; Apr. 14.
- Leigh, Nathan J., Great Neck, assignor to Einson Freeman Co., Inc., Long Island City, N. Y. Display rack. 2,051,093; Aug. 18.



- Leigh, Nathan J., Great Neck, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Knock-down display device. 2,055,201; Sept. 22.
- Leigh, Nathan J., Great Neck, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Display device. 2,064,434; Dec. 15.
- Leigh, Robert L., Holland, Mich., assignor to Hart & Cooley Manufacturing Company, Dover, Del. Adjustable directional grille. 2,057,494; Oct. 13.
- Leighton, George W., Los Angeles, Calif. Egg grading scale. 2,054,260; Sept. 15.
- Leighton, John W., Port Huron, Mich. Resilient joint. 2,030,750; Feb. 11.
- Leighton, John W., Port Huron, Mich. Shackle support. 2,031,492; Feb. 18.
- Leighton, John W., Port Huron, Mich. Spring bolt assembly. 2,031,493; Feb. 18.
- Leighton, John W., Port Huron, Mich. King bolt assembly for motor vehicles. 2,039,912; May 5.
- Leighton, John W., Port Huron, Mich. Individual wheel suspension. 2,052,778; Sept. 1.
- Leighton, John W., Port Huron, Mich. U-bolt kick shackle. 2,053,620; Sept. 8.
- Leindorf, Joseph P., Pelham Manor, N. Y. Extensible and contractible perch. 2,045,395; June 23.
- Leindorf, Joseph P., Pelham Manor, N. Y. Medicated insole. 2,061,911; Nov. 24.
- Leiner, George S., New Rochelle, and C. A. Bernstein, New York, N. Y. Dust bouncer for mops and the like. 2,040,659; May 12.
- Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Beer tap. 2,032,995; Mar. 3.
- Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Beer pump. 2,061,240; Nov. 17.
- Leins, Oscar J., and H. E. Toelle, assignors to Milwaukee Gas Specialty Company, Milwaukee, Wis. Lighting device. 2,046,828; July 7.
- Leinweber, William H., Chicago, Ill. Blower. 2,026,689; Jan. 7.
- Leinweber, William H., Chicago, Ill. Fluid operating propeller. 2,027,050; Jan. 7.
- Leinweber, William H., Chicago, Ill. Air conditioning apparatus. 2,057,727; Oct. 20.
- Leis, Arthur F., and V. H. Weber, Dayton, Ohio. Vending machine. 2,058,700; Oct. 27.
- Leischel, William. (See Heimbach, F. S., and Leischel.)
- Leischner, Georg, Berlin-Schmoeckwitz, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meat", Utrecht, Netherlands. Regulating transformer. 2,062,719; Dec. 1.
- Leischner, Georg, Berlin-Schmoeckwitz, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meat", Utrecht, Netherlands. Regulating transformer. 2,062,720; Dec. 1.
- Leisner, Paul W., Evanston, and Bernard M. Lockard, Oak Park, Ill. Rail. 2,056,729; Oct. 6.
- Leissner, Harry F., Sodertälje, Sweden. Liquid packing. 2,065,283; Dec. 22.
- Leistenschneider, August, Dusseldorf, Germany. Magazine for lead pencils. 2,049,208; July 28.
- Leistenschneider, August, Dusseldorf, Germany. Lead pencil. 2,049,965; Aug. 4.
- Leister, Fayette, and F. T. Lynch, assignors to The Fafnir Bearing Company, New Britain, Conn. Bearing. 2,033,771; Mar. 10.
- Leister, Fayette, and J. W. Smith, assignors to The Fafnir Bearing Company, New Britain, Conn. Bearing seal. 2,051,304; Aug. 18.
- Leiter, Harry H. (See Longfellow, Earl E., assignor.)
- Leitsch, Henry J., Hamilton, Ohio. Soldering iron. 2,054,506; Sept. 15.
- Leitshuh, Joseph, Springfield, Ohio. Tool for derinding fruit. 2,054,480; Sept. 15.
- Leitz, Ernst, G. m. b. H. (See Barnack, Oskar, assignor.)
- Leitz, Ernst, G. m. b. H. (See Luz, Christian, assignor.)
- Leitz, Ernst, Optische Werke, G. m. b. H. (See Barnack, Oskar, assignor.)
- Leitz, Ernst, Optische Werke, G. m. b. H. (See Disteli, Alfred, assignor.)
- Leitz, Ernst, Optische Werke. (See Heine, Hermann, assignor.)
- Leitz, Ernst, Optische Werke. (See Klatt, Walter, assignor.)
- Leitz, Ernst, Optische Werke, G. m. b. H. (See Leitz, Ernst, Jr., assignor.)
- Leitz, Ernst, Jr., assignor to Ernst Leitz, Optische Werke, G. m. b. H., Wetzlar, Germany. Projection and reproduction system. 2,055,237; Sept. 22.
- Lejbowicz, Ferdinand J., Krolewska Huta, Poland. Locking device. 2,044,534; June 16.
- Lejeune, Franz, Vienna, Austria. Production of colored photographs particularly in natural colors, on papers, films, and the like. 2,029,077; Jan. 28.
- Lekometros, Markos, Oakland, Calif. Barbecuing apparatus. 2,039,541; May 5.
- Leland Electric Company, The. (See Leland, George H., assignor.)
- Leland, George H., Dayton, Ohio, assignor to The Leland Electric Company. Oscillatory motor. 2,032,326; Feb. 25.
- Leland, George H., Dayton, Ohio, assignor of one-half to The Leland Electric Company. Tool carrier. 2,051,954; Aug. 25.
- Leland, George H., assignor of one-half to The Leland Electric Company, Dayton, Ohio. Method and apparatus for controlling level. 2,052,635; Sept. 1.
- Leland, George H., assignor of one-half to The Leland Electric Company, Dayton, Ohio. Mounting for motors and the like. 2,061,080; Nov. 17.
- Leland-Gifford Company. (See Abadjieff, Ivan V., assignor.)
- Leland-Gifford Company. (See Gifford, Albert J., assignor.)
- Leland-Gifford Company. (See Hirvonen, Eric J., assignor.)
- Lell, Jacob, Heidenheim-on-the-Brenz, Germany. Synchronous alternating current machine for low and for variable speed. 2,039,322; May 5.
- Leloff, Ernest A., assignor to The Northwest Paper Company, Cloquet, Minn. Head-box construction. 2,034,402; Mar. 17.
- Lely, Mario, New York, N. Y. Costume jewelry. 2,033,943; Mar. 17.
- Lely, Mario, New York, N. Y. Costume jewelry. 2,033,944; Mar. 17.
- Le Mare, Alfred H., St. Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Glass pressing machine. 2,053,402; Sept. 8.
- Le May, Ariel M., Chicago, Ill., assignor to S. H. Camp & Company, Jackson, Mich. Surgical support. 2,036,484; Apr. 7.
- Le May, Ariel M., Chicago, Ill., assignor to S. H. Camp & Company, Jackson, Mich. Combination garment. 2,054,330; Sept. 15.
- Lemay, Joseph O., Montreal, Quebec, Canada. Wheel axle mounting for motor vehicles. 2,034,476; Mar. 17.
- Lemay, Omer V., Minneapolis, Minn. Measuring spoon. 2,042,945; June 2.
- Lembke, Halford, Seattle, Wash. Combination power tool. 2,029,326; Feb. 4.
- Lemburg, Mildred L., Fullerton, Calif. Combined score card and memoranda book. 2,036,341; Apr. 7.
- Lemel, Edward G., Los Angeles, Calif. Building reenforcement. 2,065,899; Dec. 29.
- Lemell, Max H., assignor to Roller Bearing Company of America, Trenton, N. J. Roller bearing. 2,057,102; Oct. 13.
- Lemmens, Hendricus J. (See Straub, W. F., and Lemmens.)
- Lemmerman, Paul C., East Cleveland, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Welding rod coating. 2,031,494; Feb. 18.
- Lemmerman, Paul C., Cleveland Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Metal casting. 2,031,538; Feb. 18.
- Lemmerman, Paul C., and W. K. Schweitzer, East Cleveland, assignors to The Grasselli Chemical Company, Cleveland, Ohio. Solutions of alkali metal silicates. 2,045,153; June 23.
- Lemmerman, Robert G., Lakeline, assignor to The Ferro Engineering Company, Cleveland, Ohio. Moistureproofed molded article and making the same. 2,039,172; Apr. 28.
- Lemming, John C. (See Davis, J. H., and Lemming.)
- Lemmon, George N. (See Hodgson, C. R., Knowles, and Lemmon.)
- Lemmon, John E., St. Albans, assignor to J. R. Wood & Sons, Inc., Brooklyn, N. Y. Mounting for rings. 2,041,075; May 19.
- Lemmon, Walter S., assignor to International Business Machines Corporation, New York, N. Y. Translating system. 2,049,705; Aug. 4.
- Lemmon, Walter S., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. System for transmitting intelligence. 2,049,706; Aug. 4.
- Lemmon, Walter S., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Synchronizing system. 2,053,091; Sept. 1.
- Lemmon, Walter S., assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,053,092; Sept. 1.
- Lemoine, Wilfred, Norwich, Conn. Soap powder dispenser. 2,038,371; Apr. 21.
- Lemont, Clarence J., assignor to Line Material Company, South Milwaukee, Wis. Drop-on connector. 2,054,940; Sept. 22.
- Le Moon, Axel R., assignor to Nelson-Lemoon Truck Co., Chicago, Ill. Vehicle axle aligner. 2,041,660; May 19.
- Lemos, Manuel, New York, N. Y. Fuse. 2,056,790; Oct. 6.
- Lempco Products Inc. (See Blazek, J. Y., and Anderson, assignors.)
- Lenahan, Bernard E., Newark, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Demand limiting meter mechanism. 2,036,283; Apr. 7.
- Lengel, Albert L., Oakland, Calif., and A. G. H. Andersen, Brooklyn, assignors to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, permanent trustee. Distance and impression gauge. 2,032,584; Mar. 3.
- Lengvenis, Frank J. (See Tietz, W. J., and Lengvenis.)
- Lenhart, Herbert S., Allentown, assignor to Fuller Company, Catasauqua, Pa. Feeding and batching apparatus. 2,040,660; May 12.



- Lenher, Samuel, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of basic dye-stuffs with sulphuric acid ester salts. 2,052,716; Sept. 1.
- Lenher, Samuel, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Safety paper and the like. 2,061,632; Nov. 24.
- Lenhoff, John A., Newark, Del. Bottle cap remover. 2,046,173; June 30.
- Lenk, David A., Newton, assignor to S. C. Brody, Brookline, Mass. Blowtorch. 2,045,956; June 30.
- Lenke, Edward D., Akron, Ohio. Ventilating cowl. 2,060,398; Nov. 10.
- Lenke, George H., Elmhurst, Ill. Supporting skylight glasses and the like. 2,031,896; Feb. 25.
- Lenke, George H., Elmhurst, assignor of one-half to J. J. Ohliss, Oak Park, Ill. Glazing structure. 2,028,615; Jan. 21.
- Lenke, George H., Elmhurst, assignor of one-half to J. J. Ohliss, Oak Park, Ill. Roof light and the like. 2,055,901; Sept. 29.
- Lenning, Alvar. (See Munters, C. G., and Lenning.)
- Lennings, Wilhelm, Oberhausen, and E. Karwat, Grosshesselohe, near Munich, Germany, assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Elimination of hanging-disturbances in shaft furnaces. 2,051,383; Aug. 18.
- Lennon, Clarence D., Detroit, Mich. Apparatus for reshaping used sheet metal containers. 2,061,034; Nov. 17.
- Lennon, William F., Willimantic, Conn. Headlight. 2,065,814; Dec. 29.
- Lennox Furnace Company. (See Norris, John W., assignor.)
- Lenschow, Walter F., Sycamore, Ill. Can washing and sterilizing apparatus. 2,057,152; Oct. 13.
- Lensky, George A., and E. G. Streckfuss, assignors to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Locking device for slicing machine clamps. 2,042,230; May 26.
- Lent, Constantine P. (See Coderre, Patrick E. E., assignor.)
- Lent, Leon B., Buffalo, assignor of one-half to H. Deuell, New York, N. Y. Automobile. 2,038,581; Apr. 28.
- Lent, Worthington C., Ridgefield Park, N. J., assignor to General Communications Laboratories, Inc. Method and apparatus for voltage measurement. 2,061,382; Nov. 17.
- Lentz, Lawrence E., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Zero-setting mechanism. 2,055,381; Sept. 22.
- Lentz, Lawrence E., assignor to Underwood Elliott Fisher Company, New York, N. Y. Computing machine. 2,061,36; Nov. 17.
- Lenz, Charles C., Great Kills, Staten Island, N. Y. Life-saving net. 2,066,182; Dec. 29.
- Lenz, Charles E., Jr., Baltimore, Md. Ventilated body support. 2,045,036; June 23.
- Lenz, Edward H., Valders, Wis. Cross-chain coupling. 2,028,288; Jan. 21.
- Lenz, Paul, Berlin-Grunewald, Germany, assignor to General Electric Company. Electric discharge device. 2,060,678; Nov. 10.
- Lenzart Company. (See Stephenson, Arlington W., assignor.)
- Leo Corporation. (See McKone, Leo J., assignor.)
- Leo, Herbert T., Anaheim, Calif. Making pectous product. 2,038,582; Apr. 28.
- Leofanti, Gene. (See Calarco, C. L., and Leofanti.)
- Leoffert, John P., Kenton, Ohio. Service valve box. 2,046,330; July 7.
- Leon, Fred L., Richmond, Calif. Coupling. 2,050,757; Aug. 11.
- Leon, Michael, Detroit, Mich. Electrical plug. 2,044,948; June 23.
- Leon, Peter F., Oranjestad, Aruba, Dutch West Indies. Convertible mast construction. 2,065,715; Dec. 29.
- Leonard, Anthon A., Glenside, assignor to Philadelphia Storage Battery Company, Philadelphia, Pa. Protective sleeve for resistor connector device. 2,045,361; June 23.
- Leonard, Anthon A., Glenside, assignor to Transitone Automobile Radio Company, Philadelphia, Pa. Demodulator. 2,063,814; Dec. 8.
- Leonard, Arthur H., Jr., Wellesley Hills, assignor to Milton Bradley Company, Springfield, Mass. Game. 2,049,267; July 28.
- Leonard, Clarence E. and G. E., Bethlehem, Pa. Syringe. 2,064,619; Dec. 15.
- Leonard, Edward A., assignor to Orenda Corporation, Chicago, Ill. Roofing granule and making the same. 2,037,802; Apr. 21.
- Leonard, Grace E. (See Leonard, Clarence E. and G. E.)
- Leonard, Guy, Baltimore, Md. Closure device. 2,041,252; May 19.
- Leonard, Guy, Baltimore, Md., and B. E. Eldred, Scarsdale, N. Y., assignors to Sukro Corporation. Novel food product and making the same. 2,053,871; Sept. 8.
- Leonard, John L., Strawberry Point, Iowa. Soy bean or like harvesting adapter for binders. 2,054,161; Sept. 15.
- Leonard, Joseph, Allentown, Pa., assignor to Charls Corporation, New York, N. Y. Garment supporter link. 2,051,173; Aug. 18.
- Leonard, Joseph E., assignor to Hammer-Bray Company, Oakland, Calif. Safety lock for gas cocks. 2,039,011; Apr. 28.
- Leonard, Joseph E., Berkeley, assignor to Hammer-Bray Company, Oakland, Calif. Concealed manifold for gas stoves. 2,039,652; May 5.
- Leonard, Joseph E., Berkeley, assignor to Hammer-Bray Company, Oakland, Calif. Combination heater-range. 2,060,627; Nov. 10.
- Leonard, Merton S., Boston, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Fan. 2,063,174; Dec. 8.
- Leonard, Merton S., Boston, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Fan. 2,065,716; Dec. 29.
- Leonard, Stephen, Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation. Burner tray. 2,043,382; June 9.
- Leonard, Veader. (See Pollard, John D., assignor.)
- Leonard, Veader. (See Wesson, Laurence G., assignor.)
- Leonard, Vincent W., Fort Wayne, Ind., assignor to General Electric Company. Traffic signaling system. 2,044,617; June 16.
- Leonard, Zenas. (See Mumma, H. J., and Leonard.)
- Leonardson, John F., Marinette, Wis. Bag for clothespins. 2,057,836; Oct. 20.
- Leonhart, William F., St. Louis County, Mo. Attaching spouts to containers. 2,031,838; Feb. 25.
- Leonhauser, Henry A., Baltimore, Md., assignor to The Carborundum Company, Niagara Falls, N. Y. Car wheel grinding device. 2,059,590; Nov. 3.
- Leoni, Pilade, New York, N. Y. Automatic variable gear ratio transmission. 2,059,591; Nov. 3.
- Leopold, Charles S., Elkins Park, Pa. Cooling system. 2,056,970; Oct. 13.
- Leopold, George O. (See Fegley, T. J., and Leopold.)
- Leopold, Howard F. (See Renwick, Herbert P., assignor.)
- Leopold, Samuel N. (See Barnard, E. W., and Leopold.)
- Leopold, Samuel N. (See Powell, H. K., and Leopold.)
- Leopold, Samuel N., and H. K. Powell, Chicago, Ill., assignors, by mesne assignments, to President and Directors of the Manhattan Company, trustees for Gibson Patent Containers, Ltd. Set-up container. 2,053,685; Sept. 8.
- Leopold, Samuel N., and H. K. Powell, Chicago, Ill., assignors, by mesne assignments, to President and Directors of the Manhattan Company, trustees for Gibson Patent Containers, Limited. Making packages of frozen material. 2,053,687; Sept. 8.
- Le Page, Albert L., assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastening device. 2,050,189; Aug. 4.
- Le Page, Morley G., Los Angeles, Calif. Dispensing apparatus. 2,065,860; Dec. 29.
- Lepine, Lionel J., Southport, England. Production of knitted fabrics or articles from elastic yarns or threads. 2,049,845; Aug. 4.
- Lepore, Alfred L., assignor of one-third to Charles Di Nuccio, Providence, R. I., and one-third to Union Trust Company, executor of the estate of Wilton H. Spencer, deceased. Battery electrolyte level indicator. 2,056,578; Oct. 6.
- Le Porin, Frederic W., Brooklyn, N. Y. Clutch. 2,036,586; Apr. 7.
- Lepp, Charles H., Albany, assignor of one-third to A. Lavalley, Watervliet, N. Y. Safety release mechanism for firearms. 2,041,661; May 19.
- Leppelman, Roy H., assignor of one-half to L. H. Mann, Oklahoma City, Okla. Adjustable dress form. 2,048,342; July 21.
- Lepper, Althea, New York, N. Y. Food products. 2,060,679; Nov. 10.
- Leppik, Johannes, Nomm, Tallinn, Estonia, assignor to Telsit Insulation Corporation, New York, N. Y. Insulating material and making. 2,036,877; Apr. 7.
- Leppik, Johannes, assignor to Telsit Insulation Corporation, New York, N. Y. Insulating material. 2,062,996; Dec. 1.
- Leppke, Louis A., Omaha, Nebr. Container opener. 2,046,879; July 7.
- Leppia, Albert F., Rock Island, Ill. Railway car truck. 2,032,996; Mar. 3.
- Leray, Gustave, Paris, France. Light reflector. 2,055,298; Sept. 22.
- Lerch, Gustav. (See Avery, H. T., and Lerch.)
- Lerch, Gustav., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,056,579; Oct. 6.
- Lerch, William G., Akron, and M. T. Bryant, Findlay, assignors to Master Tire and Rubber Corporation, Akron, Ohio. Tire expander. 2,065,943; Dec. 29.
- Lerch, William H. (See Langsner, A., and Lerch.)
- Lerner, Frank, Brooklyn, N. Y. Garment. 2,049,966; Aug. 4.
- Lerouge, Stephen A., Battle Ground, Wash. Liquid heating device. 2,062,721; Dec. 1.
- Leroy, Louis, assignor to Forges et Ateliers de Constructions Electriques de Jeumont Société Anonyme, Paris, France. Vapor electric discharge device. 2,040,748; May 12.
- Leroy, Yvonne A. R., Asnieres, France, assignor to Brick Trust Limited, London, England. Treatment of various materials for rendering them impermeable and fireproof. 2,052,886; Sept. 1.
- Lerpée, Paul K. (See Jennings, H. G., Lerpée, and Zaugg.)



- Lesage, Alfred, Schweinfurt, Germany. Two-stroke combustion engine. 2,046,392; July 7.
- Lesage, Alfred, Schweinfurt, Germany. Elastic fastening appliance for outboard motors. 2,052,636; Sept. 1.
- Lesage, Alfred, Schweinfurt, Germany. Two stroke piston-controlled engine. 2,064,983; Dec. 22.
- Lesavoy, Isadore L., Allentown, Pa. Bifurcated undergarment. 2,065,381; Dec. 22.
- Leschen, A., & Sons Rope Company. (See Leschen, Arthur A., assignor.)
- Leschen, Arthur A., Webster Groves, assignor to A. Leschen & Sons Rope Company, St. Louis, Mo. Apparatus for cutting wire rope, cable, and the like. 2,064,017; Dec. 15.
- Les Glaceries de la Sambre, Société Anonyme. (See Laverdisse, Edmond, assignor.)
- Lesh, Laurence J., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Airport control and signaling system. 2,028,722; Jan. 21.
- Lesh, Laurence J., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Radio receiving antenna circuit. 2,051,260; Aug. 18.
- Les Laboratoires Français de Chimiotherapia. (See Girard, A., and Sandulesco, assignors.)
- Leslie, Alexander B., et al. (See Leslie, Thomas L., assignor.)
- Leslie Company. (See Soderberg, Sten E. B., assignor.)
- Leslie, George W. D., Sydney, New South Wales, Australia. Railway axle journal lubricator. 2,027,110; Jan. 7.
- Leslie, Rolland B., New Milford, Pa. Quick connecting device for suction hose and fire hydrants and other purposes. 2,056,927; Oct. 6.
- Leslie, Thomas L., Mauna Loa, Molokai, assignor of thirty-one one-hundredths to A. B. Leslie, Hoolehua, thirty-one one-hundredths to Hugh Howell, Kaunakakai, and seven one-hundredths to C. H. Tracy, Honolulu, Hawaii. Plant cultivation. 2,037,137; Apr. 14.
- Leslie, Walter R. (See King, R. W., and Leslie.)
- Leslie, William H., Toronto, Ontario, Canada. Process and apparatus for conditioning sheets of paper. 2,038,228; Apr. 21.
- Les Petits-Fils de Francois de Wendel & Cie. (See Weber, Guillaume, assignor.)
- Less, Frank W. (See Norton, A. J., and Less.)
- Less, Joseph W., Clinton, Iowa. Necktie and making the same. 2,063,511; Dec. 8.
- Less, Joseph W., Clinton, Iowa. Necktie. 2,063,512; Dec. 8.
- Lessin, Maurice E., Bronx, assignor to Parfums Corday, Inc., New York, N. Y. Lip stick. 2,039,323; May 5.
- Lessler, Lew W., Johnson City, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Motion picture projector. 2,057,153; Oct. 13.
- Lester, Christopher J., Cleveland, Ohio. Device for measuring and indicating tension on cables. 2,029,111; Jan. 28.
- Lester, Eldredge A., Syracuse, N. Y. Yarn reel. 2,057,728; Oct. 20.
- Lester, James C., Pulaski, Tenn. Vehicle indicating lamp. 2,031,170; Feb. 18.
- Lester, Ray F., assignor to Crouse-Hinds Company, Syracuse, N. Y. Explosionproof telephone. 2,037,803; Apr. 21.
- Lesti, Arnold, Los Angeles, Calif. Electric translating device for musical instruments. 2,026,841; Jan. 7.
- Lesti, Arnold, assignor of one-half to N. W. Schireson, Los Angeles, Calif. Automatic reverse brake. 2,038,663; Apr. 28.
- Lestina, Frank V., Monona, Iowa. Snow plow. 2,066,207; Dec. 29.
- Lesueur, Dorothy, Holdenville, Okla. Diaper. 2,049,913; Aug. 4.
- Leterstone Sales Company. (See Wiggins, Edward J., assignor.)
- Lethelin Products Company. (See Riker, Norman D., assignor.)
- Le Tourneau, R. G., Inc. (See Le Tourneau, Robert G., assignor.)
- Le Tourneau, Robert G., assignor to R. G. Le Tourneau Inc., Stockton, Calif. Logging arch. 2,058,473; Oct. 27.
- Létreux, Albert, Constantine, Algeria. Automatic grain meter. 2,045,193; June 23.
- Létreux, Albert, Constantine, Algeria. Apparatus for automatically measuring volumes of grains. 2,055,935; Sept. 29.
- Letsch, Eugene. (See Purdy, Fred A. and H. McL., and Letsch.)
- Letterman, William E., Seattle, Wash. Spark plug. 2,059,257; Nov. 3.
- Letts, Charles, Laurel, Miss. Portable folding seat. 2,046,198; June 30.
- Letz Manufacturing Company, The. (See Holland-Letz, John, assignor.)
- Leu, W. S. (See Rich, Samuel A., assignor.)
- Leupold, Mathias, Jamaica, N. Y. Pedal mechanism. 2,033,433; Mar. 10.
- Leuschner, Harry O., Flint, assignor to General Motors Corporation, Detroit, Mich. Priming device. 2,040,945; May 19.
- Leussler, Emil, Nuremberg, Germany. Cartridge shell. 2,041,253; May 19.
- Leuthold, Armin, Thalwil, assignor to Aktiengesellschaft, Brown Boveri & Cie, Baden, Switzerland. Electron discharge device system. 2,056,610; Oct. 6.
- Leuvelink, George J., assignor of one-half to J. Bos, Buffalo, N. Y. Boiler. 2,062,033; Nov. 24.
- Le Valley, John, Painted Post, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Unloading device for compressors. 2,057,837; Oct. 20.
- Le Valley, John, and A. M. Stenger, Painted Post, N. Y., assignors to Ingersoll-Rand Company, Jersey City, N. J. Piston. 2,051,305; Aug. 18.
- Le Van, James D., Belmont, assignor, by mesne assignments to Raytheon Manufacturing Company, Newton, Mass. Seal. 2,057,661; Oct. 20.
- Levan, John F., assignor to Excel Curtain Company, Elkhart, Ind. Wind wing for motor vehicles. 2,034,477; Mar. 17.
- Levan, John F., assignor to Excel Curtain Company, Elkhart, Ind. Forming frame members with metal veneer facing strips. 2,041,004; May 19.
- Levan John F., assignor to Excel Curtain Company, Elkhart, Ind. Ventilating and signal window construction. 2,058,087; Oct. 20.
- Leve, Hyman, New York, N. Y. Rest mat. 2,045,784; June 30.
- Level, Theodore E., Niagara Falls, N. Y. Device for the safe landing of air vehicles. 2,049,209; July 28.
- Levene, Hyman H. L. (See Pymon, F. L., and Levene.)
- Levenhagen, Alexander F., Wausau, Wis. Hot air gun. 2,042,264; May 26.
- Leventhal, Jacob F., assignor to Leventhal Patents, Inc., New York, N. Y. Motion picture film feeding device. 2,044,478; June 16.
- Leventhal Patents, Inc. (See Leventhal, Jacob F., assignor.)
- Leventry, Roy L., assignor to The Republic Steel Corporation, Youngstown, Ohio. Metallurgical furnace. 2,041,612; May 19.
- Leveque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 2,058,472; Oct. 27.
- Lever Brothers Company. (See Andersen, Carl N., assignor.)
- Lever Brothers Company. (See Lorenz, Anthony J., assignor.)
- Lever Brothers Company. (See Pease, Fred F., assignor.)
- Leverenz, Humboldt W., Collingswood, N. J., assignor to Radio Corporation of America, New York, N. Y. Luminescent material. 2,066,044; Dec. 29.
- Levering Laboratories, Incorporated. (See Whittemore, Clinton L., Jr., assignor.)
- Levermore, Charles L., Rockville Centre, assignor to General Chemical Company, New York, N. Y. Manufacture of phosphates. 2,046,829; July 7.
- Leversedge, John H., Decatur, Ala. Combined observation and speaking port. 2,057,239; Oct. 13.
- Le Vesconte, Harold J. (See Riviere, A. S., Le Vesconte, and Hacklander.)
- Le Vesconte, Harold J., Western Springs, assignor to Union Special Machine Company, Chicago, Ill. Feeding mechanism for sewing machines. 2,029,241; Jan. 28.
- Le Vesconte, Harold J., Western Springs, assignor to Union Special Machine Company, Chicago, Ill. Chain stitch sewing machine. 2,029,242; Jan. 28.
- Le Vesconte, Harold J., Western Springs, assignor to Union Special Machine Company, Chicago, Ill. Rotary hook for sewing machines. 2,035,968; Mar. 31.
- Le Vesconte, Harold J., Western Springs, assignor to Union Special Machine Company, Chicago, Ill. Rotary hook for sewing machines. 2,035,969; Mar. 31.
- Le Vesconte, Harold J., Western Springs, assignor to Union Special Machine Company, Chicago, Ill. Flat seam for sewed articles. 2,056,580; Oct. 6.
- Le Vesconte, Lester B., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pilot-wire protection for transmission lines. 2,027,237; Jan. 7.
- Levesley, Alfred S., Saltcoats, and J. Craik, Stevenston, Scotland, assignor to Imperial Chemical Industries Limited. Cellulose derivative solutions and making the same. 2,046,174; June 30.
- Levey, Harold A., New Orleans, La. Food protecting material. 2,043,897; June 9.
- Levey, Harold A., New Orleans, La. Filming and coating composition. 2,044,220; June 16.
- Levey, Harold A., New Orleans, La. Producing continuous film from plastic. 2,045,328; June 23.
- Levi, David B., Buffalo, N. Y. Bathing suit. 2,038,301; Apr. 21.
- Levi, Julius, assignor to S. Pass, Chicago, Ill. Seat cover. 2,034,403; Mar. 17.
- Levi, Louis E., Milwaukee, Wis. Fuels. 2,062,463; Dec. 1.
- Levigard, Martin, Frankfort-on-the-Main, Germany. Clip. 2,051,174; Aug. 18.
- Levin, Abraham S., Philadelphia, Pa. Deep fat fryer. 2,053,568; Sept. 8.
- Levin, Edward, Brooklyn, N. Y. Garment rack joint. 2,065,902; Dec. 29.
- Levin, Harry. (See Clarke, L. A., and Levin.)
- Levin, Isaac H., Pittsburgh, Pa. Method and apparatus for heat interchange. 2,062,321; Dec. 1.
- Levin, Nathan, et al. (See Riggs, Clyde A., assignor.)
- Levin, Nathan, Trenton, N. J. Hosiery. 2,038,900; Apr. 28.
- Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling mechanism. 2,047,589; July 14.



- Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Trolley harp. 2,065,944; Dec. 29.
- Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Mining machine. 2,065,945; Dec. 29.
- Levin, Nils D., and E. F. Muller, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Tamping apparatus. 2,027,391; Jan. 14.
- Levine, Abraham, Elizabeth, and H. Kaufman, West Orange, N. J. Baggage. 2,028,339; Jan. 21.
- Levine, Abraham, Elizabeth, N. J., assignor to Presto Lock Corporation, New York, N. Y. Garment carrier. 2,062,462; Dec. 1.
- Levine, Arthur A., and H. A. Bond, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Manufacture of halogenated hydrocarbons. 2,037,419; Apr. 14.
- Levine, David H., New Haven, Conn. Pad adapted for the curing of concrete roads and similar purposes. 2,033,989; Mar. 17.
- Levine, David I., assignor to Lisson & Melen Company, Lynn, Mass. Spring assembly. 2,052,982; Sept. 1.
- Levine, I. Morris, assignor to Texas Pacific Coal & Oil Co., Fort Worth, Tex. Vapor phase cracking apparatus. 2,035,239; Mar. 24.
- Levine, Max, W. E. Galligan, and R. H. Luebbbers, Ames, Iowa, assignors to the State of Iowa for Iowa State College of Agriculture and Mechanical Arts. Preformed media for biological oxidation. 2,051,727; Aug. 18.
- Le Viness, Raymond P. (See Goddard, A. C., and Le Viness.)
- Levings, Sherburne D. (See Buttner, W. C., and Levings.)
- Levinson, Arthur A., and L. K. Pillsbury, assignors to Wm. J. Stange Co., Chicago, Ill. Condimentation of food products. 2,035,136; Mar. 24.
- Levinson, Nathan, Hollywood, Calif., assignor to United Research Corporation, Long Island City, N. Y. Sound record. 2,039,173; Apr. 28.
- Levinstim, Sidney, New York, N. Y. Hoisting apparatus. 2,055,902; Sept. 29.
- Levison, Stuart H., Forest Hills, N. Y., and E. J. Bruderlin, Amarillo, Tex., assignors to American Smelting and Refining Company, New York, N. Y. Sintering zinc concentrates. 2,064,479; Dec. 15.
- Leviton Manufacturing Company. (See Figueira, Joseph, assignor.)
- Levitt, Percy B., Bayside, assignor to Doherty Research Company, New York, N. Y. Electrical testing apparatus. 2,042,009; May 26.
- Levitt, William T., assignor to Corning Glass Works, Corning, N. Y. Reflecting sign. 2,048,800; July 28.
- Levkoff, David, Brooklyn, N. Y. Egg carton set-up device. 2,032,759; Mar. 3.
- Le Voci, Frank, New York, N. Y. Combined cigarette lighter and case. 2,032,094; Feb. 25.
- Levowich, Hyman N. (See Leboff, E. J., and Levowich.)
- Levy, A Hoyt, Brooklyn, N. Y. Separator box. 2,037,078; Apr. 14.
- Levy, Benjamin, Oakland, Calif. Brake. 2,065,382; Dec. 22.
- Levy, Charles H., Jr., Maplewood, N. J., assignor to Otis Elevator Company, New York, N. Y. Dispatching and scheduling system. 2,065,815; Dec. 29.
- Levy, Cornelius A., Baltimore, Md. Oyster plate. 2,034,478; Mar. 17.
- Levy, Frank M., assignor to Mueller Brass Co., Port Huron, Mich. Flux. 2,045,017; June 23.
- Levy, Harry M., Brooklyn, N. Y. Necktie box. 2,057,838; Oct. 20.
- Levy, Jack E., and C. Mangiapani, New York, N. Y. Making animal figures from tuft yarn balls. 2,044,949; June 23.
- Levy, Joseph, assignor to Century Lighting Equipment, Inc., New York, N. Y. Remote control for directing projected light. 2,054,224; Sept. 15.
- Levy, Maurice L., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Signaling system. 2,055,796; Sept. 29.
- Levy, Michael, Brooklyn, N. Y. Wheeled toy. 2,027,049; Jan. 7.
- Levy, Nat, New York, N. Y. Scarf holder. 2,065,903; Dec. 29.
- Levy, Oscar C., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,052,050; Aug. 25.
- Levy, Oscar C., assignor, by mesne assignments, to Associated Electric Laboratories, Chicago, Ill. Printing telegraph exchange system. 2,056,730; Oct. 6.
- Levy, Oscar C., Chicago, and C. E. Lomax, Oak Park, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic switching system. 2,049,615; Aug. 4.
- Lévy, René L., Montrouge, France, assignor to Société D'Inventions Aeronautiques et Mécaniques S I. A. M., Fribourg, (Suisse). Automatically adjustable braking system. 2,038,944; Apr. 28.
- Levy, Roman J., New York, N. Y. Indicative apparatus for obtaining undistorted stereoscopic views. 2,034,049; Mar. 17.
- Levy, Samuel F., assignor to International Golf Plate Corporation, Philadelphia, Pa. Spiked sport shoe. 2,034,050; Mar. 17.
- Levy, William, Edgewood, R. I., assignor to Moulton Ladder Manufacturing Company, Somerville, Mass. Extension roofboard. 2,048,189; July 21.
- Levyne, Sidney A., assignor to Baltimore Paint & Color Works, Inc., Baltimore, Md. Carton for cans and the like. 2,040,209; May 12.
- Lewando, Felix J., South Boston, assignor to Gillette Safety Razor Company, Boston, Mass. Protected blade for safety razors. 2,029,825; Feb. 4.
- Lewellen, Chester L., assignor to Motor Products Corporation, Detroit, Mich. Radiator grille. 2,031,324; Feb. 18.
- Lewellen, Darcy E. and E. F., Columbus, Ind. Variable speed transmission mechanism. 2,032,585; Mar. 3.
- Lewellen, Emmons F. (See Lewellen, Darcy E. and E. F.)
- Lewellyn, John A., Port Huron, Mich., assignor of one-fourth to G. E. Kirk, Toledo, Ohio. High tension electrical coil. 2,058,088; Oct. 20.
- Lewers, George R., New York, N. Y., assignor to Decarie Incinerator Corporation, New York, N. Y. Furnace. 2,061,708; Nov. 24.
- Lewin, Falk, Rosmalen, Netherlands. Capsule for containers. 2,055,693; Sept. 29.
- Lewinsohn, Henry, and T. Goldfinger, New York, N. Y. Illuminated mirror. 2,046,393; July 7.
- Lewis, A. W., et al. (See Wiedhofft, Alfred H., assignor.)
- Lewis Air Conditioners, Inc. (See Lewis, Carroll E., assignor.)
- Lewis, Alvin, New York, N. Y. Display card support. 2,058,809; Oct. 27.
- Lewis-American Airways, Inc. (See Landgraf, Fred, assignor.)
- Lewis-American Airways, Inc. (See Lewis, P. M., and Landgraf, assignors.)
- Lewis, Addison, Minneapolis, Minn. Envelope. 2,056,472; Oct. 6.
- Lewis, Arthur J., Stratford, assignor to The Baird Machine Company, Bridgeport, Conn. Automatic chucking machine. 2,031,051; Feb. 18.
- Lewis, Arthur J., Stratford, assignor to The Baird Machine Company, Bridgeport, Conn. Wire working machine. 2,035,658; Mar. 31.
- Lewis, Arthur J., Stratford, assignor to The Baird Machine Company, Bridgeport, Conn. Wire feed. 2,049,914; Aug. 4.
- Lewis, Arthur J., Stratford, assignor to The Baird Machine Company, Bridgeport, Conn. Multiple transfer press. 2,049,915; Aug. 4.
- Lewis, Arthur J., Stratford, assignor to The Autoyre Company, Watertown, Conn. Paper clip. 2,052,887; Sept. 1.
- Lewis, Arthur J., Stratford, assignor to The Baird Machine Company, Bridgeport, Conn. Hopper feed. 2,065,319; Dec. 22.
- Lewis, Arthur P., New Bedford, Mass., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Fabric spreader. 2,042,010; May 26.
- Lewis, Arthur P., Fair Haven, Mass., and W. J. Secrest, Cuyahoga Falls, Ohio, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Uniform tension device. 2,062,008; Nov. 24.
- Lewis, Arthur W. (See Straley, John R., assignor.)
- Lewis, Barnard J., Brookline, Mass. Printing plate and making the same. 2,045,606; June 30.
- Lewis, Benjamin F. (See Gannett, D. K., and Lewis.)
- Lewis, Benjamin F., Flushing, assignor to American Telephone and Telegraph Company. Time announcement system. 2,028,289; Jan. 21.
- Lewis, Benjamin F., Bayside, N. Y., assignor to American Telephone and Telegraph Company. Transmission control in signaling systems. 2,054,906; Sept. 22.
- Lewis, Bernard F., assignor to Northwest Chemical Co., Inc., Detroit, Mich. Electrodeposition of metals. 2,065,082; Dec. 22.
- Lewis, Carroll E., assignor to Lewis Air Conditioners, Inc., Minneapolis, Minn. Hygrometer. 2,044,086; June 16.
- Lewis, Charles H. (See Urbain, Oliver M., assignor.)
- Lewis, Charles H. (See Urbain, O. M., and Stemen, assignors.)
- Lewis, Charles M., New York, N. Y. Hand bag. 2,027,740; Jan. 14.
- Lewis, Clarence, et al. (See Flowers, Russell H., assignor.)
- Lewis, Daniel, Pittsburgh, Pa., assignor to Continental Roll & Steel Foundry Company. Roll and making the same. 2,063,815; Dec. 8.
- Lewis, Dartrey, Boston, Mass., W. L. Walsh, Stratford, and W. B. Lashar, Jr., Fairfield, Conn., assignors to American Chain Company, Inc., Bridgeport, Conn. Abrasive cutting machine and method. 2,031,052; Feb. 18.
- Lewis, Donald M., and E. L. Gardner, assignors to Pullman Mfg. Co., Inc., Rochester, N. Y. Window sash balance. 2,051,412; Aug. 18.
- Lewis, Edgar P., & Sons, Inc. (See Newman, Albert V., assignor.)
- Lewis, Edmund W. (See Wright, F. H., and Lewis.)
- Lewis, Edward G., Columbus, Ohio. Sewing accessory. 2,042,947; June 2.
- Lewis, Edward G., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Drilling machine. 2,060,814; Nov. 17.
- Lewis, Edward Z., Evanston, Ill., assignor to General Manifold & Printing Co. Duplicating sales pad. 2,043,182; June 2.



- Lewis, Evelyn C., New York, N. Y. Novelty bath sponge. 2,056,405; Oct. 6.
- Lewis, Frank E. (See Keiper, P. C., and Lewis.)
- Lewis, Frank W., Davenport, assignor to The Bettendorf Company, Bettendorf, Iowa. Railway car truck. 2,040,773; May 12.
- Lewis, Fred N., et al. (See Flowers, Russell H., assignor.)
- Lewis Foundry & Machine Company. (See Beatty, Floyd A., assignor.)
- Lewis, George S., Evanston, assignor to Battery Patents Corporation, Chicago, Ill. Bicycle frame. 2,043,759; June 9.
- Lewis, George S., Evanston, assignor to Battery Patents Corporation, Chicago, Ill. Motor bicycle. 2,060,583; Nov. 10.
- Lewis, George S., Springfield, Mass., assignor to Winchester Repeating Arms Company, New Haven, Conn. Shotgun barrel. 2,054,132; Sept. 15.
- Lewis, Harold A. (See Johnson, N. G., and Lewis.)
- Lewis, Harold M., Douglaston, N. Y., assignor to Hazeltine Corporation. Tone control. 2,028,511; Jan. 21.
- Lewis, Harold M., Douglaston, N. Y., assignor to Hazeltine Corporation. Electric wave generator. 2,052,184; Aug. 25.
- Lewis, Harold M., Douglaston, and M. Cawein, Manhasset, N. Y., assignors to Hazeltine Corporation. Television apparatus. 2,052,183; Aug. 25.
- Lewis, Harry F., Hamden, N. J., assignor to United States Rubber Company, New York, N. Y. Compacting apparatus. 2,042,948; June 2.
- Lewis, Harry I. (See Seybold, F. W., and Lewis.)
- Lewis, Harry I., and F. W. Seybold, Dayton, assignors to Harris Seybold Potter Company, Cleveland, Ohio. Multiple spindle drill. 2,044,709; June 16.
- Lewis, Helen P., and W. S., Idylwood, Va. Closure for containers. 2,055,582; Sept. 29.
- Lewis Invisible Stitch Machine Company. (See Bowman, Louis G., assignor.)
- Lewis Invisible Stitch Machine Company. (See Mann, Joseph, assignor.)
- Lewis Invisible Stitch Machine Company. (See Moulton, Harley C., assignor.)
- Lewis Invisible Stitch Machine Company. (See Mueller, Charles W., assignor.)
- Lewis, Irving L., New York, N. Y. Hat. 2,039,174; Apr. 28.
- Lewis, James O., Tulsa, Okla. Valve. 2,032,623; Mar. 3.
- Lewis, James O., assignor to Dunn & Lewis, Tulsa, Okla. Valve. 2,062,031; Nov. 24.
- Lewis, John B., Cranford, N. J., and J. C. Bird, Germantown, Pa., assignors to Standard Oil Development Company. Soap composition. 2,066,208; Dec. 29.
- Lewis, John M., Watsonville, Calif. Weatherstrip. 2,062,229; Nov. 24.
- Lewis, John O., Brooklyn, N. Y., assignor to Universal Fire Appliance Corporation. Coupling device. 2,033,142; Mar. 10.
- Lewis, Joseph. (See Lindsay, Myrtle E., assignor.)
- Lewis, Joseph. (See Michaelis, L., and Lewis.)
- Lewis, Julian E. (See Boll, S. H., and Lewis.)
- Lewis, Lew, Brooklyn, N. Y., assignor to J. Kaufman, Passaic County, N. J. Top for automobile rumble seats. 2,058,806; Oct. 27.
- Lewis, Morgan J., Philadelphia, Pa. Testing apparatus. 2,039,428; May 5.
- Lewis, Nathan, Brooklyn, and H. Feldman, New York, N. Y. Yarn and making the same. 2,040,518; May 12.
- Lewis, Newton A., White Plains, N. Y. Rotary internal combustion engine. 2,036,060; Mar. 31.
- Lewis, Otto L., assignor to Foote Bros. Gear & Machine Co., Chicago, Ill. Motorized reduction gear assembly. 2,030,260; Feb. 11.
- Lewis, Paul F. (See Mathey, C. A., and Lewis.)
- Lewis, Paul M., Denver, Colo. Pneumatic railway wheel. 2,027,540; Jan. 14.
- Lewis, Paul M., and F. Landgraf, assignors to Lewis-American Airways, Inc., Denver, Colo. Control mechanism for aircraft. 2,058,161; Oct. 20.
- Lewis, Robert, assignor to The Denver Fire Clay Company, Denver, Colo. Control device. 2,042,609; June 2.
- Lewis, Robert, Englewood, assignor to The Denver Fire Clay Company, Denver, Colo. Combustion control mechanism. 2,049,707; Aug. 4.
- Lewis, Robert B., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Universal testing machine. 2,030,457; Feb. 11.
- Lewis, Robert B., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Torsion testing mechanism. 2,042,231; May 26.
- Lewis, Robert B., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Stress-strain recording instrument. 2,061,383; Nov. 17.
- Lewis, Robert H., North Arlington, and G. W. Rosenberger, Orange, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Watt-hour demand meter. 2,047,376; July 14.
- Lewis, Robert J., Baltimore, Md. Motor truck. 2,028,227; Jan. 21.
- Lewis, Robert J., Baltimore, Md. Portable container. 2,029,431; Feb. 4.
- Lewis, Robert J., Baltimore, Md. Portable container. 2,036,153; Mar. 31.
- Lewis, Robert P., Toledo, Ohio, assignor to Automatic Drive & Transmission Company, New York, N. Y. Power transmission control mechanism. 2,039,093; Apr. 28.
- Lewis, Robert R., Baldwin, and A. J. Weiss, Mineola, assignors to Vulcan Proofing Company, New York, N. Y. Vulcanizing rubber and new and improved vulcanized rubber. 2,040,698; May 12.
- Lewis, Thomas T., et al. (See Best, Sheridan J., assignor.)
- Lewis, Varnum S., New Rochelle, assignor to Prat-Daniel Corporation, New York, N. Y. Packing joints for heat exchangers. 2,064,928; Dec. 22.
- Lewis, Warren K., Newton, Mass., assignor to Standard Oil Development Company. Distillation of easily decomposable materials. 2,028,340; Jan. 21.
- Lewis, Warren K., Newton, Mass., assignor to Standard Oil Development Company. Converting ethers to alcohols. 2,045,785; June 30.
- Lewis, Walter S. (See Lewis, Helen P., and W. S.)
- Lewis, William, Utica, N. Y. Spring cushion. 2,050,105; Aug. 4.
- Lewis, William A., Jr., Wilkesburg, Pa., and R. M. Smith, North Arlington, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Directional ground protection. 2,032,997; Mar. 3.
- Lewis, William A., Wilkesburg, and R. D. Evans, Swissvale, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective relay system. 2,044,174; June 16.
- Lewis, William B., Houston, Tex., assignor to Standard Oil Development Company. Capillary liquid column gravity meter. 2,052,185; Aug. 25.
- Lewis, William H., Newburgh, N. Y. Auxiliary wheel. 2,054,225; Sept. 15.
- Lewow, Edward F., Minneapolis, Minn. Loose leaf binder. 2,031,373; Feb. 18.
- Ley, George A., Chicago, Ill. Flashlight synchronizing device. 2,047,877; July 14.
- Ley, Robert E., Dover, Ohio. Tooth brush and powder container. 2,061,430; Nov. 17.
- Leyland and Birmingham Rubber Company, The. (See Butcher, Henry J., assignor.)
- Leyland, Simeon C., Nutley, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective apparatus. 2,064,018; Dec. 15.
- Leyland, Thomas, Machinery Company. (See Shute, Charles W.)
- Leyner, George A., and A. H. Kelly, Springfield, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,035,710; Mar. 31.
- Leyner, George A., and W. B. Anderson, Springfield, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ice tray and grid. 2,037,516; Apr. 14.
- L'Hollier, Leslie H. (See Diller, A. L., and L'Hollier.)
- L'Hollier, Leslie H., Waltham, and A. L. Diller, Belmont, assignors to Hood Rubber Company, Inc., Watertown, Mass. Making ornamented rubber articles. 2,029,379; Feb. 4.
- L'Hommedieu, Howard W. (See Hollestelle, Jan H., assignor.)
- Libbee, Delbert, Wilson, Kans. Stream divider. 2,041,770; May 26.
- Libbey Cataphote Corporation. (See Schutz, Harold R., assignor.)
- Libbey Glass Company. (See Parker, Alvah C., assignor.)
- Libbey Glass Co. (See Schutz, Harold R., assignor.)
- Libbey Glass Manufacturing Company, The. (See Schutz, Harold R., assignor.)
- Libbey-Owens-Ford Glass Company. (See Crowley, Joseph P., assignor.)
- Libbey-Owens-Ford Glass Company. (See Drake, John L., assignor.)
- Libbey-Owens-Ford Glass Company. (See Ford, George R., Jr., assignor.)
- Libbey-Owens-Ford Glass Company. (See Goodwillie, David H., assignor.)
- Libbey-Owens-Ford Glass Company. (See Hohmann, Frederick R., assignor.)
- Libbey-Owens-Ford Glass Company. (See Jenkins, James I., assignor.)
- Libbey-Owens-Ford Glass Company. (See Mambourg, James E., assignor.)
- Libbey-Owens-Ford Glass Company. (See McDaniel, Willard C., assignor.)
- Libbey-Owens-Ford Glass Company. (See Rosin, Edwin A., assignor.)
- Libbey-Owens-Ford Glass Company. (See Ryan, J. D., and G. B. Watkins, assignors.)
- Libbey-Owens-Ford Glass Company. (See Scharf, J. J., Hasselbach, and Strommer, assignors.)
- Libbey-Owens-Ford Glass Company. (See Walters, Emmett L., assignor.)
- Libbey-Owens-Ford Glass Company. (See Wampler, Roy W., assignor.)
- Libbey-Owens-Ford Glass Company. (See Watkins, George B., assignor.)
- Libbey-Owens-Ford Glass Company. (See Williams, Carl B., Jr., assignor.)
- Libbey-Owens-Ford Glass Company. (See Williams, Eugene D., assignor.)
- Libbey-Owens-Ford Glass Company. (See Wright, Charles H., assignor.)



- Libby, Abion D. T., East Orange, assignor to Condenser Development Corporation, Newark, N. J. Applying a trimming condenser to a main condenser. 2,064,620; Dec. 15.
- Libby, McNeill & Libby. (See Knowles, John T., assignor.)
- Libby, McNeill & Libby. (See Near, H. B., Pacini, Crosley, Gerth, Bredigam, and Kelly, assignors.)
- Liber, Adolf. (See Balz, O., Leber, and Diekmann, assignors.)
- Liberman, Samuel. (See Rosenfeld, Hyman, assignor.)
- Libert, Arthur J., Green Bay, Wis. Compensating lever mechanism for shears. 2,059,644; Nov. 3.
- Libertson, Leo, New York, N. Y., assignor to L. Sonneborn Sons, Inc. Paper and process for the manufacture of same. 2,047,975; July 21.
- Libertson, Leo, New York, N. Y., assignor to L. Sonneborn Sons, Inc. Refining petroleum oils. 2,050,345; Aug. 11.
- Liberty Can and Sign Company. (See Batdorf, Seymour, assignor.)
- Liberty Can and Sign Company. (See Rueger, Herman W., assignor.)
- Liberty Machine Tool Company, The. (See Dingeldein, Harry A., assignor.)
- Liberty Machinery and Development Co. (See West, Claude J., assignor.)
- Liberty Mirror Works. (See Colbert, William H., assignor.)
- Liberty Share Corporation. (See Morgan, Porter S., assignor.)
- Licht, Emanuel H. (See Amkraut, Elias, assignor.)
- Lichte, Hugo, M. Zeh, P. Glass, and K. Schwarz, assignors to Allgemeine Elektrizität Gesellschaft, Berlin, Germany. Combined radio receiver equipment. 2,045,276; June 23.
- Lichten, Maurice A., Fort Howard, Md., assignor, by mesne assignments, to Fidelitone Records, Inc. Apparatus for engraving sound vibrations on flexible records. 2,032,062; Feb. 25.
- Lichtenberg, Erich H., E. L. Tranaas, and W. F. Steffen, assignors to Koehring Company, Milwaukee, Wis. Chain crowd shovel excavator. 2,055,660; Sept. 29.
- Lichtenberg, Eugene D. (See Graser, Thomas T., assignor.)
- Lichtensteiger, Otto, Weehawken, N. J. Brassière. 2,052,412; Aug. 25.
- Lichtenstein, Valentine, Jersey City, N. J. Binding for tennis nets. 2,052,637; Sept. 1.
- Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,050,190; Aug. 4.
- Lickert, Walter O. (See Attwood, N. H., Munch, Lickert, and Baughman.)
- Lickwar, Jerry, Warren, Ohio. Collapsible tube closure. 2,047,693; July 14.
- Lidberg, John A., and A. S. Chandler, assignors to The Brown Bag Filling Machine Company, Fitchburg, Mass. Orientating and carton feeding device. 2,041,358; May 19.
- Lidberg, John A., and A. S. Chandler, assignors to The Brown Bag Filling Machine Company, Fitchburg, Mass. Orientating and carton filling device. 2,047,106; July 7.
- Liddell, Orval E. (See Davidson, G. A., Liddell, Hine, and Shannon.)
- Liddell, Robert P. F., Darien, Conn., and L. W. Williams, Morris Township, Morris County, assignors to Motor Improvements, Inc., Newark, N. J. Filter. 2,038,355; Apr. 21.
- Liddell, Robert P. F., Darien, Conn., assignor to Motor Improvements, Inc., Newark, N. J. Filter and making same. 2,042,537; June 2.
- Liddicoat, Percill, Timmins, Ontario, Canada. Detachable bit. 2,051,306; Aug. 18.
- Lide, Martin J., Birmingham, Ala. Pulsating jig. 2,027,597; Jan. 14.
- Lidkea, Harvey J., Detroit, and R. E. Spokes, Ann Arbor, Mich., assignors to American Brakeblok Corporation, New York, N. Y. Friction element composition. 2,052,779; Sept. 1.
- Lidsky, Louis. (See Morse, G. P., and Lidsky.)
- Lieb, Gustav, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Refrigerator. 2,049,708; Aug. 4.
- Lieb, Merrill R., Allentown, Pa. Nozzle. 2,060,943; Nov. 17.
- Lieber, William H., et al, executors. (See Hansen, Oswald H.)
- Lieberherr, Arthur, assignor to Sulzer Frères Société Anonyme, Winterthur, Switzerland. Steam generator of the water tube type. 2,027,443; Jan. 14.
- Lieberknecht, Karl, G. m. b. H. (See Rottloff, Willy, assignor.)
- Lieberknecht, Karl R., Oberlungwitz, Germany. Device for actuating the thread guide of flat knitting machines. 2,051,955; Aug. 25.
- Lieberknecht, Paul, Einsiedel-Chemnitz, Germany. Making hosiery. 2,027,781; Jan. 14.
- Lieberknecht, Paul, Einsiedel, near Chemnitz, Germany. Manufacture of hosiery. 2,065,979; Dec. 29.
- Lieberman, Benjamin, Denver, Colo. Folding bed couch. 2,060,737; Nov. 10.
- Lieberman, Edgar M., Kansas City, Mo. Water softener. 2,037,332; Apr. 14.
- Liebert, Herman R. (See Klemperer, W. B., and Liebert.)
- Liebmann, Alfred J., New York, N. Y. Improving and aging distilled alcoholic beverages. 2,040,661; May 12.
- Liebmann, Alfred J., New York, N. Y. Casting or molding metals. 2,055,980; Sept. 29.
- Liebmann, Gerhard, Berlin, Germany. Coupling element. 2,064,841; Dec. 22.
- Liebowitz, S., & Sons, Inc. (See Peiffer, Robert, assignor.)
- Liebowitz, Benjamin, assignor to Trubenizing Process Corporation, New York, N. Y. Adhesively binding the turned in edges of an article of apparel. 2,048,343; July 21.
- Liebowitz, Benjamin, assignor to Trubenizing Process Corporation, New York, N. Y. Machine for adhesively uniting the plies of multiple ply articles of apparel. 2,050,191; Aug. 4.
- Liebowitz, Benjamin, assignor to Trubenizing Process Corporation, New York, N. Y. Fold line in wearing apparel. 2,066,293; Dec. 29.
- Liebowitz, Benjamin, assignor to Trubenizing Process Corporation, New York, N. Y. Method and apparatus for forming fold lines in collars and like articles. 2,066,294; Dec. 29.
- Liebowitz, Benjamin, and A. Moses, assignors to Trubenizing Process Corporation, New York, N. Y. Fold line machine. 2,066,272; Dec. 29.
- Liebreich, Oscar P., New York, N. Y. Remotely controlled radio receiving system. 2,035,612; Mar. 31.
- Liechty, Hermann, Bern, Switzerland. Articulated track vehicle. 2,030,010; Feb. 4.
- Liedle, Wilhelm, Stuttgart-Cannstatt, assignor to Firma Paul Lechler, Stuttgart, Germany. Method and apparatus for manufacturing packing. 2,031,567; Feb. 18.
- Liedtke, Raymond C., Hankinson, and C. O. Wolen, Northgate, N. Dak. Dust mop cleaner and receptacle. 2,031,374; Feb. 18.
- Liengme, George, Cormoret, Switzerland. Timepiece. 2,041,557; May 19.
- Lier, Robert P., assignor of two-fifths to A. C. Cohrt and D. M. Rogers, Mitchell, S. Dak. Removable plowshare edge. 2,063,688; Dec. 8.
- Lierg, Friedrich, Vienna, Austria. Production of colored pictures, particularly in natural colors on paper, films, and the like. 2,036,945; Apr. 7.
- Lierg, Friedrich, Dresden, Germany, assignor to Jasma A.-G., Zurich, Switzerland. Producing color prints. 2,054,261; Sept. 15.
- Lierley, Clarence E., Los Angeles, Calif. Scrubbing mit. 2,029,626; Feb. 4.
- Liesen & Co. (See Truelsen, Heinrich C., assignor.)
- Lifschitz, Benjamin D., assignor of one-half to E. Singer, Vienna, Austria. Electric pocket lamp. 2,041,843; May 26.
- Lifszitz, Sol, Detroit, Mich. Attachment for ironing machines or mangles. 2,052,310; Aug. 25.
- Lifton Mfg. Co., The. (See Lifton, Maurice, assignor.)
- Lifton, Maurice, Belle Harbor, Long Island, assignor to The Lifton Mfg. Co., New York, N. Y. Brief case. 2,047,914; July 14.
- Lifton, Samuel H., Brooklyn, N. Y. Brief case. 2,039,913; May 5.
- Light, Albert T., Canton, Ohio, assignor to York Ice Machinery Corporation, York, Pa. Refrigeration apparatus. 2,056,431; Oct. 6.
- Light, Albert T., assignor to York Ice Machinery Company, York, Pa. Freezing ice cream and the like. 2,056,432; Oct. 6.
- Light, Harry, Atlantic City, N. J. Amusement device. 2,203,676; Jan. 21.
- Light, Ralph A., Cynwyd, and J. W. Price, Jr., assignors to The United States Metallic Packing Company, Philadelphia, Pa. Valve cock. 2,032,425; Mar. 3.
- Light, Ralph A., Cynwyd, and J. W. Price, Jr., assignors to The United States Metallic Packing Company, Philadelphia, Pa. Bell ringing mechanism. 2,033,078; Mar. 3.
- Light, Ralph A., Cynwyd, and J. W. Price, Jr., assignors to The United States Metallic Packing Company, Philadelphia, Pa. Check valve. 2,064,772; Sept. 15.
- Light, Sidney D., Royal Oak, Mich. Scoring and punching device for loose leaf covers. 2,027,444; Jan. 14.
- Lightburn, Herbert, assignor to J. W. Lightburn & Son, Limited, Nottingham, England. Driving mechanism for rotary machines. 2,053,484; Sept. 8.
- Lightburn, J. W., & Son, Limited. (See Lightburn, Herbert, assignor.)
- Lightfoot, Edwin N., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric circuit controlling device of the thermal overload type. 2,027,541; Jan. 14.
- Lightfoot, Leo J., assignor to American Seating Company, Grand Rapids, Mich. Desk. 2,051,490; Aug. 18.
- Lightman, Bernard, Johannesburg, Union of South Africa. Rotary compressor or pump. 2,053,724; Sept. 8.
- Lignite Combustion Engineering Corporation. (See Larsen, Clarence C., assignor.)
- Liguori, Michael, Lodi, N. Y. Hair comb. 2,065,228; Dec. 22.
- Liles, Cecile F., Independence, Mo. Pastry making machine. 2,030,598; Feb. 11.
- Lillienfeld, Julius E., Winchester, Mass. Forming the anodes of electrolytic condensers and apparatus for use therein. 2,036,878; Apr. 7.
- Lillienfeld, Julius E., Winchester, Mass. Anodes, forming the same, and formation electrolyte therefor. 2,062,464; Dec. 1.



- Lilienfeld, Julius E., Winchester, Mass., assignor, by mesne assignments, to The Magnavox Company, Fort Wayne, Ind. Forming electrodes for electrolytic condensers. 2,052,575; Sept. 1.
- Lilienfeld, Leon, Vienna, Austria. New cellulose derivatives and making same. 2,051,051; Aug. 18.
- Lilienfeld, Leon, Vienna, Austria. Manufacture of artificial threads and other products from cellulose. 2,052,478; Aug. 25.
- Lilja, Edgar D., Rockford, Ill. Electrical musical instrument. 2,049,616; Aug. 4.
- Lilja, Edgar D., assignor to Howard D. Colman, Rockford, Ill. Control for electric circuits. 2,062,135; Nov. 24.
- Lilja, Edgar D., assignor to H. D. Colman, Rockford, Ill. Alternating current motor. 2,062,322; Dec. 1.
- Lillard, William W. (See Johnson, M. L., and Lillard.)
- Lillard, William W., Midland Park, N. J. Resilient device. 2,037,728; Apr. 21.
- Lilley, James D., Baltimore, Md. Convertible bed and chair. 2,034,985; Mar. 24.
- Lilley, Samuel C., Hamden, Conn. Noncreep elastic strands for elastic fabrics. 2,031,375; Feb. 18.
- Lillie, Edwin C., Wheatridge, assignor of one-third to J. Grimes and one-third to M. Meyer, Denver, Colo. Coal burner. 2,051,560; Aug. 18.
- Lillie, Lester L., Washington, D. C. Waterproof pocket. 2,048,344; July 21.
- Lillis, Francis J. (See Kettenring, L. R., and Lillis.)
- Lilly, Carson R. (See Dunlap, John A., assignor.)
- Lilly, Eli, and Company. (See Doubilet, Henry, assignor.)
- Lilly, Eli and Company. (See Kharasch, Morris S., assignor.)
- Lilly, Eli, and Company. (See Powell, Horace M., assignor.)
- Lilly, Eli, and Company. (See Shonle, Horace A., assignor.)
- Lilly, Forrest J., et al. (See Simon, Alfred W. assignor.)
- Lilly, Lyman A., Plainwell, Mich. Tire lug for tractors. 2,061,283; Nov. 17.
- Lilly, Roy F. (See Dayment, L. E., and Lilly.)
- Lim, Peter, Los Angeles, Calif. Vehicle. 2,046,175; June 30.
- Limbach, Alex, Carmel, N. Y. Container for lip sticks and the like. 2,031,839; Feb. 25.
- Limbach, Alex, Carmel, N. Y. Sifter top. 2,042,068; May 26.
- Limina, Philip B., Buffalo, N. Y. Increasing the range of wind instruments. 2,062,792; Dec. 1.
- Limpach, Otto, Wiesbaden-Biebrich, and K. Hager, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Aromatic imino compounds and making them. 2,059,466; Nov. 3.
- Limbacher, Walter. (See Krzikalla, H., and Limbacher.)
- Limbacher, Walter. (See Kunz, M. A., Krzikalla, and Limbacher.)
- Limbacher, Walter. (See Reindel, H., Krzikalla, and Limbacher.)
- Limbers, Don R., Clarksburg, W. Va., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for drawing glass. 2,049,505; Aug. 4.
- Limited Company. (See Hladik, Ladislav, assignor.)
- Limited Company formerly The Skoda Works. (See Valášek, A., and Valenta, assignors.)
- Limpert, Arthur A., Ann Arbor, Mich. Double point rotary pin. 2,033,039; Mar. 3.
- Limpert, Sylvester A., assignor to Mechana Kold Corporation, Bay Shore, N. Y. Portable refrigerator. 2,029,175; Jan. 28.
- Linabury, John E., Muskegon, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Molding machine. 2,048,190; July 21.
- Linabury, John E., assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Making flanged brake drums. 2,056,528; Oct. 6.
- Linaker, Frederick W., St. Louis, Mo. Boiler cleaner. 2,033,434; Mar. 10.
- Linaker, Frederick W., St. Louis, Mo. Boiler cleaner. 2,059,592; Nov. 3.
- Linch, Frank W., and H. H. Stocks, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Tri-aryl-methane dyes. 2,055,607; Sept. 29.
- Lincks, George F., Pittsfield, Mass., assignor to General Electric Company. Terminal clamp. 2,041,613; May 19.
- Lincoln, Bert H., and A. Henriksen, assignors to Continental Oil Company, Ponca City, Okla. Penetrating oil. 2,041,076; May 19.
- Lincoln, Bert H., and A. Henriksen, deceased, by E. M. Henriksen, administratrix, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. 2,063,880; Dec. 8.
- Lincoln, Edward K., Fairfield, Conn. Sanitary crepe rubber cushion. 2,061,664; Nov. 24.
- Lincoln Electric Company, The. (See Jerabek, Paul E., assignor.)
- Lincoln Electric Company, The. (See Landis, George G., assignor.)
- Lincoln Electric Company, The. (See Stine, Wilmer E., assignor.)
- Lincoln Engineering Company. (See Barks, F. S., and Fox, assignors.)
- Lincoln Engineering Company. (See Barks, F. S., Fox, and Linders, assignors.)
- Lincoln Engineering Company. (See Fox, Alexander P., assignor.)
- Lincoln Engineering Company. (See Rotter, Lutwin C., assignor.)
- Lincoln Engineering Company. (See Rotter, L. C., and and Mahne, assignors.)
- Lincoln Meter Company, Inc. (See Paine, Louis A., assignor.)
- Lincoln, Rollo B., and A. M. Candy, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Welding apparatus. 2,036,224; Apr. 7.
- Lincoln-Schlueter Floor Machinery Co. (See Wadhams, Frederick E., assignor.)
- Lincoln, Walter E., Belvidere, Ill. Egg crate filler. 2,039,486; May 5.
- Lind, Hakon G., New York, N. Y. Aircraft. 2,036,587; Apr. 7.
- Lindauer, Albert A., assignor to Safety Cushion Bumper and Manufacturing Company, Detroit, Mich. Cushion bumper for vehicles. 2,049,210; July 28.
- Lindberg, Bernhard, Chicago, Ill. Tumbling machine. 2,037,246; Apr. 14.
- Lindberg Engineering Company. (See Lindberg, Le Roy A., assignor.)
- Lindberg, Henry E. (See Nilsson, A. G. A., and Lindberg.)
- Lindberg, Ivar, West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Providing track shoes. 2,039,012; Apr. 28.
- Lindberg, John F., Chicago, Ill., assignor to Lindberg Sound Film Co. Method and apparatus for recording sounds on film. 2,033,945; Mar. 17.
- Lindberg, Le Roy A., Evanston, assignor to Lindberg Engineering Company, Chicago, Ill. Drawing furnace. 2,029,176; Jan. 28.
- Lindberg Sound Film Co. (See Lindberg, John F., assignor.)
- Lindblad, Axel E., Orange, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoemaking. 2,036,418; Apr. 7.
- Lindblad, Axel R., Djursholm, Sweden. Production of sulphur by means of reduction of sulphur dioxide. 2,050,708; Aug. 11.
- Lindblad, Axel R., Djursholm, Sweden. Smelting pyrites. 2,054,941; Sept. 22.
- Lindbloom, Albert C., assignor to Lindbloom Auto Parts Company, Chicago, Ill. Valve stem packing. 2,062,518; Dec. 1.
- Lindbloom Auto Parts Company. (See Lindbloom, Albert C., assignor.)
- Lindbloom, Charles V., and L. W. Lindbloom, Cranford, N. J. Sanitary toothbrush holder. 2,031,115; Feb. 18.
- Lindbloom, Lily W. (See Lindbloom, Charles V. and L. W.)
- Lindblow, Lester W., Boston, Mass. Carton. 2,051,561; Aug. 18.
- Lindboe, Theodor. (See Aanesen, F., and Lindboe.)
- Lindbom, Carl G., assignor to U. P. M.-Kidder Press Co., Inc., Dover, N. H. Expansive shaft. 2,062,421; Dec. 1.
- Linde Air Products Company, The. (See Bliss, Lyman A., assignor.)
- Linde Air Products Company, The. (See Boshkoff, George J., assignor.)
- Linde Air Products Company, The. (See De Motte, Maurice P., assignor.)
- Linde Air Products Company, The. (See Mesinger, William F., assignor.)
- Linde Air Products Company, The. (See Moss, Herbert H., assignor.)
- Linde Air Products Company, The. (See Murphy, John J., assignor.)
- Linde Air Products Company, The. (See Wagner, Noah E., assignor.)
- Linde Air Products Company, The. (See Zenner, George H., assignor.)
- Linde, Leonard J., Folcroft, Pa., assignor to General Electric Company. Operating mechanism. 2,034,145; Mar. 17.
- Linde, Leonard J., Folcroft, Pa., assignor to General Electric Company. Circuit breaker operating and control means. 2,034,146; Mar. 17.
- Linde, Leonard J., Folcroft, Pa., assignor to General Electric Company. Circuit breaker mechanism. 2,053,961; Sept. 8.
- Linde, Leonard J., Aldan, Pa., assignor to General Electric Company. Circuit breaker. 2,047,829; July 14.
- Linde, Richard, Munich, Germany. Separating low boiling gas mixtures. 2,048,076; July 21.
- Linde, Richard, Hohlriegelskreuth by Munich, Germany, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Producing oxygen-enriched mixtures from air. 2,066,115; Dec. 29.
- Lindeberg, Stig, assignor of one-half to Aktiebolaget Rimo, Stockholm, Sweden. Discontinuous absorption or adsorption cold machine. 2,027,693; Jan. 14.
- Lindecker, William J., San Francisco, Calif. Insect trap. 2,051,800; Aug. 18.
- Lindegaard, Erik C., East Orange, N. J., assignor to Westinghouse Lamp Company. Lamp filament sorting machine. 2,046,394; July 7.
- Lindeke, Hans F., and B. S. Greensfelder, Martinez, Calif., assignors to Shell Development Company, San Francisco, Calif. Refining mineral oil. 2,053,485; Sept. 8.
- Lindell, Bertil T. (See Widman, C. H., Lindell, and Seibold.)



- Lindell, Bertil T., Detroit, Mich., assignor to The Murray Corporation of America. Barrel. 2,063,389; Dec. 8.
- Lindell, Bertil T., Detroit, Mich., assignor to The Murray Corporation of America. Bottle case. 2,063,390; Dec. 8.
- Lindem, Martin, Rock Island, Ill., assignor to National Battery Company, St. Paul, Minn. Storage battery and connection therefor. 2,066,010; Dec. 29.
- Lindeman, James E., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Flush car door. 2,045,154; June 23.
- Lindeman, James E., Evanston, assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber. 2,049,709; Aug. 4.
- Lindeman, Walter T., Iron River, Mich. Trundling toy. 2,038,664; Apr. 28.
- Lindemann, A. J. & Hoverson Company. (See Lindemann, W. C., and Lorenz, assignors.)
- Lindemann, Adolph, Chicago, Ill. Support. 2,057,337; Oct. 13.
- Lindemann, Carl, Hackensack, assignor to Carl Lindemann Company, Inc., Jersey City, N. J. Venetian blind bracket. 2,027,280; Jan. 7.
- Lindemann, Carl, Company. (See Lindemann, Carl, assignor.)
- Lindemann, Robert E. (See Black, F. W., Lindemann, and Schaulin.)
- Lindemann, Walter C., and G. C. Lorenz, assignor to A. J. Lindemann & Hoverson Company, Milwaukee, Wis. Oil range. 2,049,506; Aug. 4.
- Lindemuth, Lewis B., Albany, N. Y., assignor, by mesne assignments, to The Nitralloy Corporation. Nitridding. 2,039,487; May 5.
- Lindenberg, Theodore, Jr. (See Lindenberg, Theodore and T., Jr.)
- Lindenberg, Theodore, Columbus, Ohio. Theater building. 2,041,194; May 19.
- Lindenberg, Theodore, Jr., Columbus, Ohio. Motion picture projector for sound motion pictures. 2,050,494; Aug. 11.
- Lindenberg, Theodore and T., Jr., Columbus, Ohio. Light projecting system. 2,041,195; May 19.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Short wave signaling. 2,027,919; Jan. 14.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna. 2,042,319; May 26.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna. 2,042,320; May 26.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillating system. 2,042,321; May 26.
- Lindenblad, Nils E., Port Jefferson, Long Island, N. Y., assignor to Radio Corporation of America. Oscillation generation. 2,042,345; May 26.
- Lindenblad, Nils E., Port Jefferson, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron tube cooling system. 2,045,659; June 30.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Short wave signaling. 2,052,576; Sept. 1.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Short wave signaling. 2,052,888; Sept. 1.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Modulation. 2,054,431; Sept. 15.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Modulation. 2,061,947; Nov. 24.
- Lindenman, Victor, Stroudsburg, Pa. Handbag frame covering machine. 2,046,955; July 7.
- Linder, Ernest G. (See Wolff, I., and Linder.)
- Linder, Ernest G., Camden, N. J., assignor to Radio Corporation of America. Magnetron type oscillator. 2,037,804; Apr. 21.
- Linder, Ernest G., Camden, N. J., assignor to Radio Corporation of America. Ionic modulation. 2,047,929; July 14.
- Linder, Ernest G., Camden, N. J., assignor to Radio Corporation of America, New York, N. Y. Radio apparatus. 2,047,930; July 14.
- Linder, Francis, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,029,243; Jan. 28.
- Linder, Francis, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Driving mechanism. 2,029,244; Jan. 28.
- Linder, Francis, assignor to Eclipse Aviation Corporation, East Orange, N. J. Driving mechanism. 2,031,783; Feb. 25.
- Linder, Francis, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Clutch operating mechanism. 2,038,182; Apr. 21.
- Linder, Francis, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,057,386; Oct. 13.
- Linder, Willis W., Salisbury, N. C., assignor to Parks-Cramer Company. Traveling cleaner for machinery. 2,063,816; Dec. 8.
- Linderman, Garrett B., Jr. (See Nieman, H. W., and Linderman.)
- Linderman, Garrett B., Jr. (See Stuart, K., and Linderman, Jr.)
- Linderman, Garrett B., Jr., Beverly, N. J., assignor to Varilux Holding Corporation, Limited, Nassau, Bahamas. Animated sign and operating it. 2,043,200; June 2.
- Lindermann, Andrew L., Pittsburgh, Pa. Match and tee package. 2,049,124; July 28.
- Linders, William Z. (See Barks, F. S., Fox, and Linders.)
- Lindgren, Alexis C., Chicago, Ill., assignor to International Harvester Company. Harvester thresher. 2,040,699; May 12.
- Lindgren, Alexis C., Chicago, Ill., assignor to International Harvester Company. Auxiliary power device for tractors. 2,057,649; Oct. 13.
- Lindgren, Alexis C., Chicago, Ill., assignor to International Harvester Company. Auxiliary power device for tractors. 2,057,650; Oct. 13.
- Lindgren, Alexis C., Chicago, Ill., assignors to International Harvester Company. Grain cleaning screen. 2,058,381; Oct. 20.
- Lindgren, Alexis C., Chicago, and C. R. Raney, Riverside, Ill., assignors to International Harvester Company. Feeding device for mills. 2,052,311; Aug. 25.
- Lindgren, Alexis C., Chicago, and D. B. Baker, Riverside, Ill., assignors to International Harvester Company. Power lift mechanism. 2,065,139; Dec. 22.
- Lindgren, Anders G. S., Goteborg, Sweden, assignor, by mesne assignments, to United States Envelope Company, Springfield, Mass. Sealing means for wrappers. 2,037,420; Apr. 14.
- Lindgren, Bror J., assignor to Niagara Machine & Tool Works, Buffalo, N. Y. Machine for beading bodies of sheet metal. 2,037,247; Apr. 14.
- Lindgren, Frank A., Western Springs, assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,030,926; Feb. 18.
- Lindgren, Frank A., Western Springs, assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,031,376; Feb. 18.
- Lindgren, Frank A., Western Springs, assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,041,420; May 19.
- Lindgren, Frank A., Western Springs, assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,060,226; Nov. 10.
- Lindgren, Frank O., assignor to General Mills, Inc., Minneapolis, Minn. Machine for depositing circulars into containers. 2,042,719; June 2.
- Lindgren, Hans O., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Packing box for centrifuges. 2,055,904; Sept. 29.
- Lindgren, Hans O., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Liquid discharge device for centrifugal separators. 2,059,372; Nov. 3.
- Lindgren, Hans O., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifuge. 2,065,229; Dec. 22.
- Lindholm, Arthur W., East Milton, and A. C. Everett, Boston, assignors to Pneumatic Scale Corporation, Limited, Quincy, Mass. Closure applying mechanism. 2,061,241; Nov. 17.
- Lindholm, Courtney R., assignor to Independent Die and Supply Company, St. Louis, Mo. Die. 2,038,743; Apr. 28.
- Lindholm, Courtney R., assignor to Independent Die and Supply Company, St. Louis, Mo. Marking device. 2,046,639; July 7.
- Lindhorst, William, South Orange, N. J., assignor to Somet-Solvay Engineering Corporation, New York, N. Y. Gas generator equipped with ash removal means. 2,039,175; Apr. 28.
- Lindley, George W., Philadelphia, Pa. Knitting machine. 2,029,879; Feb. 4.
- Lindley, George W., Philadelphia, Pa. Elastic fabric. 2,029,880; Feb. 4.
- Lindner, Agnes. (See Kangro, W., and Lindner.)
- Lindner, Benjamin. (See Kaufman, G., and Lindner.)
- Lindner, Fritz. (See Bockmühl, M., Lindner, and Schaulmann.)
- Lindner, Herbert, Berlin, Germany. Device for measuring the adjustment of machine tool carriages. 2,039,231; Apr. 28.
- Lindner, Herbert, Berlin, Germany. Rectilinear adjustment of machine parts. 2,039,232; Apr. 28.
- Lindner, Herbert, Berlin, Germany. Jig boring machine. 2,042,720; June 2.
- Lindner, Herbert, Berlin, Germany. Adjustment of the carriage of machine tools. 2,043,625; June 9.
- Lindner, Irving, et al. (See Caughlan, Walter M., assignor.)
- Lindner, Karl A. (See Betterton, J. O., and Lindner.)
- Lindner, Karl A., Roselle Park, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Metallurgical furnace of the suspended arch type. 2,029,492; Feb. 4.
- Lindner, Karl A., Roselle Park, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Apparatus for separating metals and metal alloys. 2,041,844; May 26.
- Lindner, Karl A., Baltimore, Md., assignor to American Smelting and Refining Company, New York, N. Y. Wire bar and making same. 2,045,277; June 23.
- Lindner, Ralph N., Van Nuys, and C. M. Melven, Burbank, Calif., said Lindner, assignor to said Melven. Water power motor. 2,052,780; Sept. 1.



- Lindquist, Birger W., Detroit, Mich. Method of and apparatus for forming screws. 2,032,586; Mar. 3.
- Lindquist, Carl J., Brooklyn, N. Y. Ironing board. 2,028,789; Jan. 28.
- Lindquist, David E., assignor to Mueller Brass Co., Port Huron, Mich. Joint. 2,038,868; Apr. 28.
- Lindquist, David E., assignor to Mueller Brass Co., Port Huron, Mich. Fitting. 2,039,542; May 5.
- Lindquist, David E., A. W. Brown, and E. Whybrew, assignors to Mueller Brass Co., Port Huron, Mich. Fitting and manufacturing the same. 2,057,038; Oct. 13.
- Lindquist, David L., Hartsdale, assignor to Otis Elevator Company, New York, N. Y. Door guiding equipment. 2,027,920; Jan. 14.
- Lindquist, Lorentz J. (See Crandall, L., Davis, and Lindquist.)
- Lindquist, Louis T. (See Spence, E. F., and Lindquist.)
- Lindroos, William, Toronto, Ontario, Canada. Cream separator. 2,060,738; Nov. 10.
- Lindsay, Charles M., Washington, D. C. Electrical testing device. 2,041,614; May 19.
- Lindsay, Harvey B., Evanston, Ill. Insulating structure and manufacturing same. 2,059,801; Nov. 3.
- Lindsay, Laurence E., Tulsa, Okla. Erasure shield. 2,036,090; Mar. 31.
- Lindsay, Myrtle E., assignor to J. Lewis, Los Angeles, Calif. Hair curling device. 2,031,377; Feb. 18.
- Lindsay, Robert M., Oak Park, Ill. Hydraulic jack. 2,052,781; Sept. 1.
- Lindsay, Walter E., Denver, Colo. System of communication. 2,044,391; June 16.
- Lindsay Wire Weaving Company, The. (See Crossman, Fred, assignor.)
- Lindsay Wire Weaving Company, The. (See Crossman, F., and Sutton, assignors.)
- Lindsay Wire Weaving Company. (See Sutton, Walter C., assignor.)
- Lindsey, Alfred A. (See Smith, Russell H., assignor.)
- Lindsey, Larkin C., Grady, N. Mex. Swimming glove. 2,028,461; Jan. 21.
- Lindsey, William D., South Orange, N. J., assignor to Garrison Fire Detecting System, Inc., New York, N. Y. Cable and producing same. 2,048,271; July 21.
- Lindsley, Frank A. (See Preisser, F., and Lindsley.)
- Lindsley, Milton F., Jr., Kings Mills, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Making smokeless powder. 2,031,659; Feb. 25.
- Lindstaedt, Frank F. (See Evans, C. S., and Lindstaedt.)
- Lindstaedt, Frank F., assignor, by mesne assignments, to Grover D. Turnbow, Oakland, Calif. Parasiticide. 2,036,638; Apr. 7.
- Lindstaedt, Frank F., Oakland, Calif. Toxic spray compound. 2,056,529; Oct. 6.
- Lindstaedt, Frank F., Oakland, assignor to Hercules Glue Company, Ltd., San Francisco, Calif. Alkaloidal compounds. 2,065,190; Dec. 22.
- Lindstedt, Ivar G., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Retractable step for streamline railway cars. 2,037,805; Apr. 21.
- Lindstrom, Elizabeth S. (See Lindstrom, Linn O. B., and E. S.)
- Lindstrom, Frank L., Bridgeport, Conn. Sewing machine. 2,048,555; July 21.
- Lindstrom, John G. (See Wurster, H., and Lindstrom.)
- Lindstrom, Linn O. B., and E. S. Lindstrom, San Francisco, Calif. Milk bottle signal and ordering device. 2,036,762; Apr. 7.
- Lindstrom, Ture, Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker. 2,027,238; Jan. 7.
- Lindstrom, Ture, Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker for network protectors. 2,036,284; Apr. 7.
- Line Material Company. (See Earle, Ralph H., assignor.)
- Line Material Company. (See Krueger, William E., assignor.)
- Line Material Company. (See Lemont, Clarence J., assignor.)
- Line Material Company. (See Schultz, W. O., and Steinmayer, assignors.)
- Line Material Company. (See Steinmayer, Alwin G., assignor.)
- Line Material Company. (See Steinmayer, A. G., and Schultz, assignors.)
- Liner, Joseph I., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Direct time indicating apparatus. 2,051,611; Aug. 18.
- Liner, Julius, assignor of one-half to J. R. H. Potts, Chicago, Ill. Opening closure seals. 2,036,419; Apr. 7.
- Lines, S. C., et al. (See Wilson, Thomas H., assignor.)
- Lines, Vance, Pasadena, Calif. Sectional curbing. 2,065,861; Dec. 29.
- Lingal, Harry J., Wilkesburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Circuit interrupter. 2,047,739; July 14.
- Lingal, Harry J., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,050,346; Aug. 11.
- Lingard, Herbert A., Harrow Weald, England, assignor to General Electric Company. Washing apparatus. 2,062,097; Nov. 24.
- Lingard, Holger, New York, N. Y. Deep hair waving device. 2,066,045; Dec. 29.
- Lingg, Alfred, Munich, and P. Frost, Munich-Neuharlaching, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Range finder focusing attachment for folding cameras. 2,045,037; June 23.
- Lingg, Alfred, and S. Gelius, Munich, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Combination of camera and exposure meter. 2,060,089; Nov. 10.
- Lingle, Samuel E., Chicago, Ill. Clamp. 2,049,916; Aug. 4.
- Lingo, Charles K., Miami, Fla. Atmosphere testing device. 2,037,637; Apr. 14.
- Linl, John, Trenton, N. J. Portable bath. 2,033,040; Mar. 3.
- Lini, John, Trenton, N. J. Hair curler. 2,052,235; Aug. 25.
- Linicus, Werner. (See Krisslepp, R., and Linicus.)
- Lininger, Alfred M., Englewood, Colo. Protector for dental drill hand pieces. 2,041,077; May 19.
- Link, Harry W., assignor, by mesne assignments, to American Engineering Company, Philadelphia, Pa. Fluid control device. 2,029,493; Feb. 4.
- Link, Harry W., assignor, by mesne assignments, to American Engineering Company, Philadelphia, Pa. Speed and load regulating device for hydraulic transmissions. 2,058,894; Oct. 27.
- Link, Jakob. (See Rheiner, A., and Link.)
- Link, John H. (See Lounsbury, H. J., and Link.)
- Link, John H., Merion, Pa., assignor to W. H. Miner, Inc., Chicago, Ill. Draft rigging. 2,043,383; June 9.
- Link-Belt Company. (See Blake, Frank O., assignor.)
- Link-Belt Company. (See Dull, R. W., and Geertz, assignors.)
- Link-Belt Company. (See Lauenstein, Carl F., assignor.)
- Link-Belt Company. (See Lauenstein, C. F., and Ulmer, assignors.)
- Link-Belt Company. (See Maurer, Albrecht, assignor.)
- Link-Belt Company. (See Morehead, George L., assignor.)
- Link-Belt Company. (See Olson, G. H., and Ekblom, assignors.)
- Link Belt Company. (See Philips, William E., assignor.)
- Link-Belt Company. (See Pierce, Harold S., assignor.)
- Link-Belt Company. (See Sayers, William W., assignor.)
- Link-Belt Company. (See Tark, Marcus B., assignor.)
- Linke, Howard and W. M. Priest, New York, N. Y. X-ray apparatus. 2,063,878; Dec. 8.
- Linker, Abraham B., Philadelphia, Pa. Match package. 2,032,661; Mar. 3.
- Linn, Albert W., Memphis, Tenn. Rotary gasoline engine. 2,062,753; Dec. 1.
- Linn, Carl V. (See Vandegrift, J. N., Postel, and Linn.)
- Linn, Holman H., assignor to The Linn Manufacturing Corporation, Morris, N. Y. Dump body for vehicles. 2,027,989; Jan. 14.
- Linn Manufacturing Corporation, The. (See Linn, Holman H., assignor.)
- Linn, Marion D., Whiteriver, Ariz. Stamping device. 2,040,749; May 12.
- Linotype and Machinery Limited. (See Gorse, William F., assignor.)
- Linotype and Machinery Limited. (See Gorse, W. F., and Scott, assignors.)
- Linotype and Machinery Limited. (See Harrison, Vernon C. J., assignor.)
- Linotype and Machinery Limited. (See Scott, Richard H., assignor.)
- Linscott, Chester E., Ridgewood, N. J., and H. de B. Rice, Barrington, R. I., assignors to United States Rubber Company, New York, N. Y. Rubber film or sheet. 2,032,941; Mar. 3.
- Linscott, Chester E., Ridgewood, N. J., and H. de B. Rice, Barrington, R. I., assignors to United Rubber Company, New York, N. Y. Manufacturing rubber films or sheets. 2,032,942; Mar. 3.
- Linse, Harry J., New York, N. Y. Electric ignition plug. 2,060,680; Nov. 10.
- Linsell, Alfred A., London, England, assignor to Radio Corporation of America. Signaling system. 2,063,610; Dec. 8.
- Linsert, Otto, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Irradiation of vitamin D and product thereof. 2,030,377; Feb. 11.
- Linsky, Jack, New York, N. Y. Cap for typewriter key bars. 2,059,882; Nov. 3.
- Linstead, Reginald P., and A. R. Lowe, South Kensington, London, England, assignors to Imperial Chemical Industries Limited. Manufacture of o- and peri-aryl dinitriles. 2,054,088; Sept. 15.
- Linstead, Reginald P., and C. E. Dent, South Kensington, London, England, assignors to Imperial Chemical Industries Limited. Coloring matters of the lead phthalocyanine series and their manufacture. 2,056,944; Oct. 13.
- Linstrom, Arnold, Spokane, Wash. Sign box. 2,035,659; Mar. 31.
- Lintern, Alfred R. (See Lintern, William, and A. R.)
- Lintern, William, Cleveland, Ohio. Heat exchanger. 2,053,037; Sept. 1.
- Lintern, William and A. R., Cleveland, Ohio. Vehicle body ventilator. 2,036,485; Apr. 7.



- Linthicum, Everett C., National City, assignor of twenty-two and one-half percent to L. S. Murray and twenty-two and one-half percent to J. B. Coker, San Diego, Calif. Variable capacity pump. 2,048,272; July 21.
- Linthwaite, Owen C., assignor to Bendix Products Corporation, South Bend, Ind. Magneto. 2,060,881; Nov. 17.
- Linton, Merwyn B., Chicago, Ill. Interchangeable grease shipping drum. 2,036,639; Apr. 7.
- Linton, Samuel E., Jr., Shelbyville, Tenn. Mechanical pencil and making it. 2,065,230; Dec. 11.
- Lintz & Eckhardt. (See Unger, Hugo, assignor.)
- Linz, Bernhard, Berlin, Germany. Lay-figure for garment displays. 2,038,372; Apr. 21.
- Linzell, Harry K., Oak Park, Ill., assignor to United States Gypsum Company, Chicago, Ill. Mastic floor topping. 2,031,171; Feb. 18.
- Lion, Harold S. (See Krueger, F. G., and Lion.)
- Lionel Corporation, The. (See Bonanno, Joseph L., assignor.)
- Liotta, Ernest, Cleveland, Ohio. Fish lure. 2,028,983; Jan. 28.
- Lipack, Joseph, et al. (See Magro, Ralph, assignor.)
- Lipe, W. C., Inc. (See Spase, Charles B., assignor.)
- Lipetz, Alphonse I., Albany, N. Y. Locomotive. 2,034,585; Mar. 17.
- Lipic, Sylvester G., St. Louis, Mo. Knife. 2,036,640; Apr. 7.
- Lipka, John, St. Louis, Mo. Air distributor. 2,053,725; Sept. 8.
- Lipman, Carl E. L. (See Fraher, Robert E., Butler, Hendricks, and Lipman.)
- Lipman, Carl E. L., assignor to Lipman Patents Corporation, Chicago, Ill. Refrigerator. 2,027,183; Jan. 7.
- Lipman, Carl E. L., assignor to Lipman Patents Corporation, Chicago, Ill. Refrigerator. 2,033,434; Apr. 21.
- Lipman Patents Corporation. (See Lipman, Carl E. L., assignor.)
- Lipowsky, Louis M. (See Bach, I., and Lipowsky.)
- Lipp, Albert E., Philadelphia, Pa. Photographer's lighting apparatus. 2,048,013; July 21.
- Lipp, Elmer L., Los Angeles, Calif. Expanding clutch. 2,034,051; Mar. 17.
- Lippard, Van F., Washington, D. C. Machine for reshaping and enlarging pistons. 2,052,355; Aug. 25.
- Lippert, Henry E., Pittsburgh, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,039,324; May 5.
- Lippert, Henry E., Pittsburgh, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Incorporated. Fire door and stoker structure. 2,039,325; May 5.
- Lippert, John A., and R. J. Maller, Oelwein, Iowa. Automatic shut-off for delivery nozzles. 2,053,005; Sept. 1.
- Lippert, Walter C. (See Gaines, E. F., and Lippert.)
- Lippincott, Stanley S. (See Böhmer, H., Jr., and Lippincott.)
- Lippincott, Walter M., Lynbrook, N. Y., assignor to Potter, Pierce & Scheffler, Washington, D. C. Automatic lubricating mechanism. 2,029,327; Feb. 4.
- Lippincott, Wells A., Oak Park, assignor to Ideal Roller & Manufacturing Company, Chicago, Ill. Apparatus for trimming cylinders. 2,033,946; Mar. 17.
- Lippincott, Wells A., Oak Park, assignor to Ideal Roller & Manufacturing Company, Chicago, Ill. Apparatus for trimming cylinders. 2,061,531; Nov. 24.
- Lippincott, Wells A., Oak Park, and D. W. Campbell, assignors to Ideal Roller & Manufacturing Company, Chicago, Ill. Machine for building rubber cylinders. 2,058,243; Oct. 20.
- Lippitt, Stephen W., Cleveland, Ohio. Knitting machine. 2,026,744; Jan. 7.
- Lippitt, Stephen W., Cleveland, Ohio. Air bag for mending pneumatic tires. 2,035,660; Mar. 31.
- Lippold, Frederick A., assignor to Reliance Advertising Co., Chicago, Ill. Swing check for signs. 2,030,378; Feb. 11.
- Lippold, Frederick A., assignor to Reliance Advertising Co., Chicago, Ill. Suspension means for swing signs. 2,030,379; Feb. 11.
- Lippoth, John J. (See Keuffel, A. W., and Lippoth.)
- Lipshutz, Anna, Paterson, N. J. Glove. 2,041,254; May 19.
- Lipski, Anthony P. (See Prescott, H. R., and Lipski.)
- Liptay, John M., Crestwood, N. Y. Vending vehicle. 2,057,197; Oct. 13.
- Lipton, Ruby, New York, N. Y. Head covering. 2,051,384; Aug. 18.
- Liquefied Gas Development Company. (See Greenfield, E., and Tribault, assignors.)
- Liquid Carbonic Corporation, The. (See Hunt, Franklin B., assignor.)
- Liquid Carbonic Corporation, The. (See Hunt, F. B., and Turner, assignors.)
- Liquid Carbonic Corporation, The. (See Kantor, James, assignor.)
- Liquid Veneer Corporation. (See Cabana, Louis, assignor.)
- Liron, Charles, and G. Veper, Chateaubriant, France. Suspension system. 2,033,721; Mar. 10.
- Lisbon, Joseph C., Sr., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 2,063,175; Dec. 8.
- Lisicke, Paul, South Coventry, Conn. Bracket. 2,032,023; Feb. 25.
- Lisius, Henry, Havelock, N. Dak. Cultivator. 2,030,994; Feb. 18.
- Liska, William F., assignor to Holland Brass Works, Inc., Chicago, Ill. Folding prie-dieu. 2,041,196; May 19.
- Liska, William F., assignor to Holland Brass Works, Inc., Chicago, Ill. Prie-dieu. 2,043,669; June 9.
- Lisner, D., & Co. (See Lisner, Sidney, assignor.)
- Lisner, Sidney, assignor to D. Lisner & Co., New York, N. Y. Cigarette case and the like. 2,037,912; Apr. 21.
- Lissauer, Adolph W., assignor to Louisville Drying Machinery Co. Inc., Louisville, Ky. Filter belt for roller presses. 2,027,542; Jan. 14.
- Lissauer, Herbert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Volume control and switching device. 2,038,744; Apr. 28.
- Lissman, Marcel A., Temple City, assignor to International Precipitation Company, Los Angeles, Calif. Electrical precipitation apparatus. 2,039,094; Apr. 28.
- Lissman, Marcel A., Moorestown, N. J., assignor to International Precipitation Company, Los Angeles, Calif. Method and apparatus for separating suspended particles from gases. 2,047,568; July 14.
- Lisson, Abraham N., assignor to Lisson-Melen Company, Lynn, Mass. Spring assembly for upholstery. 2,048,637; July 21.
- Lisson & Melen Company. (See Levine, David I., assignor.)
- Lisson-Melen Company. (See Lisson, Abraham N., assignor.)
- List, Andrew, and C. S. Stuart, Regina, Saskatchewan, Canada. Hair drier. 2,027,694; Jan. 14.
- List, John, Mount Pleasant, Mich. Piston and connecting rod. 2,046,903; July 7.
- List, Willy, et al. (See Herrmann, Ludwig, assignor.)
- Lista, Louis J., Mount Shasta, Calif. Food grinder. 2,027,281; Jan. 7.
- Lister, Donald A., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Refining rosin. 2,054,432; Sept. 15.
- Litchfield, Earl A., Defiance, Ohio. Fastening tool handle. 2,043,003; June 2.
- Litchfield, Isaac W., Medfield, Mass., assignor, by mesne assignment, to Saranac Machine Company, Benton Harbor, Mich. Bag sealing machinery. 2,030,067; Feb. 11.
- Lithgow, John, Chicago, Ill. Refrigerator. 2,056,731; Oct. 6.
- Lithographic Technical Foundation, Inc., The. (See Reed, R. F., Dorst, and George, assignors.)
- Litner, Isaac, Brooklyn, N. Y. Cabinet. 2,050,617; Aug. 11.
- Litsey, Doris, Dallas, Tex. Embroiderer. 2,066,116; Dec. 29.
- Littell, F. J., Machine Company. (See Littell, Frederick M., assignor.)
- Littell, Frederick M., assignor to F. J. Littell Machine Company, Chicago, Ill. Automatic reel. 2,058,329; Oct. 20.
- Littell, Nelson. (See Nevin, Edward B., assignor.)
- Little, Allan G. (See Robbins, A. D., and Little.)
- Little, Arthur D. (See Buron, H. A., and MacDonough, assignors.)
- Little, Arthur D., Incorporated. (See Atkinson, Ralph L., assignor.)
- Little, Arthur D., Incorporated. (See Billings, Howard J., assignor.)
- Little, Arthur D., Incorporated. (See Crocker, T. C., and Henderson, assignors.)
- Little, Arthur D., Incorporated. (See Harford, Charles G., assignor.)
- Little, Arthur D., Incorporated. (See MacDonough, John V., assignor.)
- Little, Arthur D., Incorporated. (See Murray, Wallace J., assignor.)
- Little, Arthur D., Inc. (See Walsh, James F., assignor.)
- Little, Charles H., Cleveland Heights, Ohio. Protractor. 2,049,302; July 28.
- Little, Charles H., Cleveland Heights, Ohio. Ruler. 2,049,303; July 28.
- Little, Clarence B. (See Brownell, J. R., and Little.)
- Little, Donald G., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Brush holder. 2,036,285; Apr. 7.
- Little, Donald G., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High efficiency modulator with automatic regulator of power source. 2,064,019; Dec. 15.
- Little, George H., assignor to R. J. Reynolds Tobacco Company, Winston-Salem, N. C. Machine for closing cartons. 2,051,339; Aug. 18.
- Little, Harry, Rye, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Paper and web handling mechanism for printing machines. 2,037,806; Apr. 21.
- Little, Harry, Rye, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Inking mechanism for intaglio printing machines. 2,049,846; Aug. 4.
- Little, Hiram P., Forest Home, assignor of one-half to L. H. Rogers, Greenville, Ala. Square. 2,058,330; Oct. 20.
- Little, Howard J., Fort Thomas, Ky., and G. W. Hines, Cincinnati, Ohio, assignor to The Newport Culvert Company. Pipe or tubing and manufacture of same. 2,054,703; Sept. 15.



- Little, Howard J., Fort Thomas, Ky., and G. W. Hines, Cincinnati, Ohio, assignor to The Newport Culvert Company. Method and apparatus for embossing pipes or tubes. 2,054,704; Sept. 15.
- Little, James A., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,046,027; June 30.
- Little, Jesse C., Morgan, Utah. Digging machine for root crops. 2,042,232; May 26.
- Little, Oscar V., Richmond Hill, N. Y. Rotary basket type dishwashing machine. 2,054,656; Sept. 15.
- Little, Thomas J., Riverdale, N. Y., assignor to The American Brass Company, Waterbury, Conn. Copper or copper alloy buss or conductor for electrical currents. 2,057,273; Oct. 13.
- Little, William T., Westfield, N. J., assignor, by mesne assignments, to American Zirconium Corporation, Baltimore, Md. Producing titanium dioxide. 2,029,881; Feb. 4.
- Littledale, Hickson F., Whittier, Calif. Combined latch and lock structure. 2,036,154; Mar. 31.
- Littlefield, Carl, assignor to Battle Creek Bread Wrapping Machine Company, Battle Creek, Mich. Article handling device. 2,034,949; Mar. 24.
- Littlefield, Carl, assignor to Battle Creek Bread Wrapping Machine Company, Battle Creek, Mich. Slicing machine. 2,044,910; June 23.
- Littlefield, Carl, assignor to Battle Creek Bread Wrapping Machine Company, Battle Creek, Mich. Combined wrapping and slicing machine. 2,052,717; Sept. 1.
- Littlefield, Henry S., San Bernardino, Calif. Interlocking device. 2,043,440; June 9.
- Littleford Brothers. (See Haupt, Herbert, assignor.)
- Littleford Brothers. (See Littleford, John S., Jr., assignor.)
- Littleford, John S., Jr., assignor to Littleford Brothers, Cincinnati, Ohio. Asphalt heater. 2,041,359; May 19.
- Littlehales, James H., et al. (See Wichman, R. D., Jr., and McClellan, assignors.)
- Littler, Carl W., assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Treatment of strip material. 2,037,421; Apr. 14.
- Littler, Carl W., assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Manufacture of tubes. 2,063,689; Dec. 8.
- Littleton, Covington H. S., Hermosa Beach, Calif. Orchard heater. 2,050,577; Aug. 11.
- Littleton, Jesse T., assignor to Corning Glass Works, Corning, N. Y. Method and apparatus for tempering glass. 2,042,610; June 2.
- Littleway Process Company, The. (See Anderson, Charles T., assignor.)
- Littleway Process Company, The. (See Goddu, George, assignor.)
- Littleway Process Company, The. (See McCarthy, Richard B., assignor.)
- Litz, Jacob B., Waukegan, Ill. Safety stop for motion picture apparatus. 2,047,694; July 14.
- Livensparger, Edward W., assignor of one-third to F. W. Watson, Cleveland Heights, and one-third to C. F. Lockman, Lakewood, Ohio. Producing channels. 2,054,021; Sept. 8.
- Livemore, H. F., Co. (See Dodge, Sherwood O., assignor.)
- Living, George, Manchester, assignor to Dunlop Rubber Company Limited, Birmingham, England. Manufacture of rubber articles. 2,034,521; Mar. 17.
- Livingston, Aleda L., Los Angeles, Calif. Device for reshaping brassières. 2,044,479; June 16.
- Livingston, Charlie M., assignor to The J. E. Shaffer Company, Tulsa, Okla. Chain tightener. 2,049,710; Aug. 4.
- Livingston, Edmund M., Chambersburg, Pa. Connector for electric cables. 2,035,661; Mar. 31.
- Livingston, Elmer C., New Oxford, Pa. Lasting machine. 2,032,371; Mar. 3.
- Livingston, Elmer C., New Oxford, Pa. Lasting machine. 2,037,862; Apr. 21.
- Livingston, John W., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of railway car retarders. 2,028,909; Jan. 28.
- Livingston, John W., Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa. Speed control system for car retarders. 2,045,989; June 30.
- Livingston, Mayre D., Oxnard, Calif. Vegetable and fruit dicer. 2,049,125; July 28.
- Livingston, Orrin W., Schenectady, N. Y., assignor to General Electric Company. Electrostatically controlled arc discharge device. 2,044,618; June 16.
- Livingston, Orrin W., Schenectady, N. Y., assignor to General Electric Company. Double shielded grid construction. 2,044,619; June 16.
- Livingston, Orrin W., Schenectady, N. Y., assignor to General Electric Company. Selector relay system. 2,053,156; Sept. 1.
- Livingston, Orrin W., Schenectady, N. Y., assignor to General Electric Company. Electric indicating system. 2,057,531; Oct. 13.
- Livingstone, Stanley, Sydney, New South Wales, Australia, assignor to Baker & Company, Inc., Newark, N. J. Producing cohesive gold for dental fillings. 2,040,179; May 12.
- Livraghi, Erminio, Milan, Italy. Thermo-chemical process for the production of an anti-detonating fuel for explosion engines. 2,037,478; Apr. 14.
- Liwschutz, Georg, Berlin-Charlottenburg, Germany, assignor to N. V. Adverteerings Maatschappij, The Hague, Netherlands. Display figure. 2,047,377; July 14.
- Liwschütz, Georg, Berlin, Germany, assignor to Naamloose Venootchapp Adverteerings Maatschappij, The Hague, Netherlands. Apparatus for operating movable members. 2,065,473; Dec. 22.
- Ljungberg, Johan W., Jonkoping, Sweden. Testing plug. 2,062,519; Dec. 1.
- Ljungkull, Rolf E., assignor to American Hoist and Derrick Company, St. Paul, Minn. Excavating machine. 2,049,653; Aug. 4.
- Ljungkull, Rolf E., assignor to American Hoist and Derrick Company, St. Paul, Minn. Container ring. 2,049,654; Aug. 4.
- Ljungkull, Rolf E., assignor to American Hoist and Derrick Company, St. Paul, Minn. Boom for excavating machines. 2,053,157; Sept. 1.
- Ljungquist, Gustaf, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,048,273; July 21.
- Ljungström, Erik, Lidings-Brevik, assignor to Aktiebolaget Transitoria, Stockholm, Sweden. Container. 2,029,328; Feb. 4.
- Ljungström, Erik, Lidings-Brevik, and Olof August Olsson, assignors to Aktiebolaget Transitoria, Stockholm, Sweden. Device for opening cans. 2,029,329; Feb. 4.
- Ljungström, Fredrik, Lidings, Ill., assignor to Aktiebolaget Spontan, Stockholm, Sweden. Turbine. 2,044,435; June 16.
- Llewellyn, Ross S., Glen Ellyn, Ill. Window catch. 2,030,705; Feb. 11.
- Lloyd, Albert L. (See Peck, P. D., and Lloyd.)
- Lloyd, Arthur, Birmingham, assignor to Bakelite Limited, London, England. Manufacture of pressed tubes or the like. 2,059,373; Nov. 3.
- Lloyd, Aubrey H., Norwalk, Conn. Motor vehicle brake mechanism. 2,061,081; Nov. 17.
- Lloyd, Bertha M., administratrix. (See Lloyd, William C.)
- Lloyd, Elmer J. (See Braune, C., and Lloyd.)
- Lloyd, Ernest G., Morton, Pa. Snow removing apparatus. 2,032,487; Mar. 3.
- Lloyd, Homer J. (See Ekstromer, Edward C., assignor.)
- Lloyd, James P. (See Crawford, Roland A., assignor.)
- Lloyd, John. (See Murray, C. V., and Lloyd.)
- Lloyd, Richard L., Great Neck, N. Y., and R. W. Hyde, Summit, N. J., assignors to Dwight & Lloyd Metallurgical Company, New York, N. Y. Manufacture of basic refractory material. 2,029,627; Feb. 4.
- Lloyd, Whitten P., assignor to The Haloid Company, Rochester, N. Y. Photocopy machine. 2,035,558; Mar. 31.
- Lloyd, Whitten P., and M. H. Hill, assignors to The Haloid Company, Rochester, N. Y. Photocopy machine. 2,043,004; June 2.
- Lloyd, Whitten P., and M. H. Hill, assignors to The Haloid Company, Rochester, N. Y. Paper feeding and cutting mechanism. 2,047,478; July 14.
- Lloyd, Whitten P., and M. H. Hill, assignors to The Haloid Company, Rochester, N. Y. Photo copy machine. 2,050,956; Aug. 11.
- Lloyd, Whitten P., and M. H. Hill, assignors to The Haloid Company, Rochester, N. Y. Photocopy machine. 2,065,383; Dec. 22.
- Lloyd, William C., deceased, by B. M. Lloyd, administratrix, Sharon, Pa. Antisplitting device. 2,035,817; Mar. 31.
- Lloyd, William W., Beggs, Okla. Tubing shoe valve. 2,049,304; July 28.
- Loacker, Albert, Bregenz, Austria. Device for drying containers internally. 2,049,812; Aug. 4.
- Loar, Lloyd A., assignor, by mesne assignments, to Acousti-Lectric Company, Kalamazoo, Mich. Stringed musical instrument. 2,046,331; July 7.
- Loar, Lloyd A., assignor to Acousti-Lectric Company, Kalamazoo, Mich. Musical instrument. 2,046,332; July 7.
- Loar, Lloyd A., assignor to Acousti-Lectric Company, Kalamazoo, Mich. Musical instrument. 2,046,333; July 7.
- Lobasso, Vincent, New York, N. Y. Fluid operated motor for sandpapering machines or the like. 2,061,082; Nov. 17.
- Lobley, Alfred G., Erdington, Birmingham, assignor of one-half to Birmingham Electric Furnaces Limited, Birmingham, England. Annealing and other heat-treatment furnaces. 2,031,270; Feb. 18.
- Lochhead, Elmer C., assignor of one-half to C. R. Henderson, Moberly, Mo. Knitted fabric. 2,060,882; Nov. 17.
- Lochman, August L., Pittsburgh, Pa., and J. Kluson, Chicago, Ill., said Kluson assignor to Clarin Manufacturing Co. Tablet arm for folding chairs. 2,048,014; July 21.
- Lochman, Emil R., Milwaukee, Wis. General utility machine tool. 2,050,347; Aug. 11.
- Lochman, Emil R., Milwaukee, Wis. Combined headlight and direction indicator for vehicles. 2,062,323; Dec. 1.
- Lock Arthur E., et al. (See Saxe, Arthur G., assignor.)
- Lock, George M., and A. O. Rasmussen, Modesto, Calif. Bean cutter. 2,064,480; Dec. 15.
- Lockard, Bernard M. (See Leisner, P. W., and Lockard.)



- Lockaton, Thomas J., Pittsburgh, Pa. Bottle holder. 2,064,671; Dec. 15.
- Locke, Albert R., Oak Park, Ill. Control system. 2,044,006; June 16.
- Locke, Arthur S. (See Neeson, C. R., and Locke.)
- Locke, Edwin A., Jr., Quincy, Mass., assignor to Nevins-Church Press, Inc., New York, N. Y. Folding box. 2,038,845; Apr. 28.
- Locke, George A. (See Kinkead, F. S., and Locke.)
- Locke, Harry H. (See Cramer, F. F., and Locke.)
- Locke Insulator Corporation. (See Benard, Arthur G., assignor.)
- Locke Insulator Corporation. (See Frey, Howard A., assignor.)
- Locke Insulator Corporation. (See Gouverneur, Minor F. H., assignor.)
- Locke Insulator Corporation. (See Hawley, Kent A., assignor.)
- Locke Insulator Corporation. (See Moore, Stewart L., assignor.)
- Locke Insulator Corporation. (See Rowland, Davidge H., assignor.)
- Locke Insulator Corporation. (See Van Atta, Cloyd B., assignor.)
- Locke Insulator Corporation. (See Vrooman, Edward C., assignor.)
- Locke, James D., Grand Rapids, Mich. Oral cavity appliance. 2,037,079; Apr. 14.
- Locke, James S., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,054,331; Sept. 15.
- Locke, Joseph, assignor to Gaylord Bros., Inc., Syracuse, N. Y. Card printing machine. 2,039,600; May 5.
- Locke Steel Chain Company, The. (See Stegeman, Henry J., assignor.)
- Locken, Arthur J. (See Welty, N. E., and Locken.)
- Locker, Gustav, assignor to Atlas Ago Chemische Fabrik Aktiengesellschaft, Molkau/Leipzig, Germany. Manufacturing impregnated and/or coated textiles and an apparatus therefor. 2,039,176; Apr. 28.
- Lockett, Andrew M., New Orleans, La. Therapeutic vibrator. 2,052,098; Aug. 25.
- Lockett, Donald P. (See Wood, N., and Lockett, assignors.)
- Lockett, John W. (See Noss, O. F., and Lockett.)
- Lockett, John W., Oswego, assignor to Fitzgibbons Boiler Company, Inc., New York, N. Y. Steam or hot water boiler. 2,027,345; Jan. 7.
- Lockett, Ralph G., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric motor control system. 2,036,486; Apr. 7.
- Lockett, Ralph G., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric motor control. 2,060,997; Nov. 17.
- Lockett, Wilson H., and P. Jenkins, Fort Worth, Tex. Loop cutter. 2,051,491; Aug. 18.
- Lockhart, Carl B., Youngstown, Ohio. Warm air furnace. 2,061,284; Nov. 17.
- Lockhart, Marshall L., Des Moines, and E. E. Postel, Cleghorn, Iowa. Selector. 2,039,966; May 5.
- Lockhart, William, assignor to Cornell Securities Corporation, Cleveland, Ohio. Metallic receptacle and closure therefor. 2,049,847; Aug. 4.
- Lockhart, William, assignor to Cornell Securities Corporation, Cleveland, Ohio. Metallic receptacle and closure therefor. 2,049,848; Aug. 4.
- Lockhart, William, assignor to Cornell Securities Corporation, Cleveland, Ohio. Receptacle and closure. 2,049,849; Aug. 4.
- Lockheed Hydraulic Brake Company. (See Boughton, Edward B., assignor.)
- Lockheed Hydraulic Brake Company Limited. (See Boughton, E. B., and J. Rodway, assignors.)
- Lock Joint Pipe Company. (See Trickey, William W., assignor.)
- Lockman, Christopher F., et al. (See Livensparger, Edward W., assignor.)
- Lockridge, Everett R., and L. W. Meyer, Petoskey, Mich. Drying and mixing mechanism. 2,030,645; Feb. 11.
- Lockwood, Arlie F. (See Smith, B. P., and Lockwood.)
- Lockwood, Edwin H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric range. 2,042,233; May 26.
- Lockwood, Harry A., assignor to The Lockwood Manufacturing Co., Cincinnati, Ohio. Baking pan unit. 2,037,807; Apr. 21.
- Lockwood, Harry A., assignor to The Lockwood Manufacturing Co., Cincinnati, Ohio. Baking pan unit. 2,058,807; Oct. 27.
- Lockwood Manufacturing Co., The. (See Chandonia, Elmer, assignor.)
- Lockwood Manufacturing Co., The. (See Lockwood, Harry A., assignor.)
- Lockwood Manufacturing Company, The. (See Prabell, Albert, assignor.)
- Lockwood, William H. (See Henke, C. O., and Lockwood.)
- Locomotive Finished Material Company, The. (See Muchnic, Henry E., assignor.)
- Locomotive Firebox Company. (See Christenson, Gust J., assignor.)
- Lodeesen, Herman J. (See Tanner, R. E., and Lodeesen.)
- Loder, Donald J., assignor to du Pont Viscoloid Company, Wilmington, Del. Polymerization. 2,045,660; June 30.
- Loder, Donald J., Wilmington, and E. D. Ries, Gordon Heights, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of monochlorisobutyric acid. 2,043,670; June 9.
- Loder, Donald J., and K. E. Walker, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Addition compounds of methyl ether and their preparation. 2,052,889; Sept. 1.
- Lodge, Frank. (See Chappell, N., Haddock, and Lodge.)
- Lodge, Frank. (See Ellingworth, S., Haddock, Lodge, and Lumsden.)
- Lodge, Frank. (See Haddock, N. H., and Lodge.)
- Lodge, Frank. (See Haddock, N. H., Lodge, and Lumsden.)
- Lodge, Frank. (See Haddock, N. H., Lodge, and Robinson.)
- Lodge, Frank, and H. A. Piggott, Blackley, Manchester, England, assignors to Imperial Chemical Industries, Limited, Anthraquinone dyestuffs. 2,053,343; Sept. 8.
- Lodge, Frank, and C. H. Lumsden, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Anthraquinone derivatives and making the same. 2,056,473; Oct. 6.
- Loe, Ira G., assignor of one-fourth to J. C. Brayton, Cleveland, Ohio. Fluid meter. 2,040,390; May 12.
- Loeb, Henry D. (See Lauer, C. E., Manley, and Loeb.)
- Loeb, Henry D., Beacon, assignor to The Texas Company, New York, N. Y. Furnace for heating fluids. 2,035,900; Mar. 31.
- Loeb, Herbert B. et al. (See Silverman, Leo, assignor.)
- Loeb, Joseph, Portland, Oreg. Golf apparatus. 2,061,973; Nov. 24.
- Loeb, Joseph H., Morgan City, La. Pressure responsive switch operator. 2,057,387; Oct. 13.
- Loeb, Rudolf, Jenkintown, Pa. Fabric edging. 2,050,664; Aug. 11.
- Loebel, Albert, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Treating oils. 2,051,612; Aug. 18.
- Loeber, Edgar O., Lakewood, assignor, by mesne assignments, to The Stay-On Mfg. Company, Cleveland, Ohio. Utensil. 2,046,334; July 7.
- Loeber, Edgar O., Cleveland Heights, assignor to The Cobel Company, Lakewood, Ohio. Ventilated face stay. 2,065,191; Dec. 22.
- Loeffler, Bruno, Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Welded steel engine. 2,030,995; Feb. 18.
- Loeffler, Bruno, Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Head for internal combustion engines. 2,041,078; May 19.
- Loeffler, Gustave, Jr. (See Hendrick, W. M., and Loeffler, assignors.)
- Loeffler, Louis J., Stapleton, N. Y. Reinforcement for molded articles. 2,064,435; Dec. 15.
- Loehde, George E., Chicago, Ill. Seal. 2,041,421; May 19.
- Loehnis, John L., Long Beach, and W. I. Williams, Wilmington, Calif. Emergency safety brake. 2,062,184; Nov. 24.
- Loehr, Karl C. (See Berry, L. E., and Loehr.)
- Loening, Grover, Mill Neck, assignor to Grover Loening Aircraft Company, Inc., Garden City, N. Y. Retractable landing gear. 2,039,813; May 5.
- Loening, Grover, Mill Neck, assignor to Grover Loening Aircraft Company, Inc., Garden City, N. Y. Airplane. 2,048,399; July 21.
- Loening, Grover, Mill Neck, assignor to Grover Loening Aircraft Company, Inc., Garden City, N. Y. Airplane bracing. 2,061,242; Nov. 17.
- Loening, Grover, Aircraft Company. (See Loening, Grover, assignor.)
- Loepsinger, Albert J., assignor to General Fire Extinguisher Company, Providence, R. I. Sealing charged glass bulbs. 2,031,660; Feb. 25.
- Loetscher, David L., Flushing, assignor, by mesne assignments, to The Crown Cork and Seal Company, Inc., New York, N. Y. Treating foodstuffs. 2,060,736; Nov. 10.
- Loetscher, Emil C., Dubuque, Iowa. Apparatus for the manufacture of a composite building material. 2,028,616; Jan. 21.
- Loetscher, Emil C., Dubuque, Iowa. Fireproof building material. 2,034,522; Mar. 17.
- Loewe, Bernard, Milan, Italy. Reeling-off silk cocoons. 2,056,611; Oct. 6.
- Loewe, Siegmund, Berlin-Steglitz, Germany. Manufacturing highly emissive cathodes. 2,031,721; Feb. 25.
- Loewe, Siegmund, Berlin, Germany. Vacuum tube with high-emission cathode. 2,049,811; Aug. 4.
- Loewe, Siegmund, and P. P. Fries, Berlin, Germany. Braun tube. 2,031,722; Feb. 25.
- Loewe, Siegmund, and M. von Ardenne, assignors to Radioaktiengesellschaft D. S. Loewe, Berlin, Steglitz, Germany. Television reception device. 2,053,526; Sept. 8.
- Loewenstein, Ludwig, Chicago, Ill. Device for molding frozen confections. 2,062,754; Dec. 1.
- Loewenthal, Bert, New York, N. Y., assignor to Federal Tobacco Corporation. Treatment of tobacco. 2,029,494; Feb. 4.
- Loewus, Julian S., Baltimore, Md. Shaft coupling. 2,035,171; Mar. 24.
- Loewus, Julian S., Baltimore, Md. Gear shaping machine. 2,035,434; Mar. 24.
- Loewy, Morris, Flushing, N. Y. Metal panel construction. 2,042,721; June 2.



- Lofgren, Gustaf E., Rye, N. Y., assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,027,543; Jan. 14.
- Lofgren, Gustaf E., Rye, N. Y., assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,027,544; Jan. 14.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner nozzle. 2,035,240; Mar. 24.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,065,592; Dec. 29.
- Lofman, Charles, Aurora, assignor to S. Karpen & Bros., Chicago, Ill. Mattress, cushion, and the like. 2,047,695; July 14.
- Lofquist, Axel F. T. (See Anderson, N. G., and Lofquist.)
- Löfquist, Karl H. S., Stockholm, Sweden. Treatment of alloys of iron. 2,047,479; July 14.
- Löfquist, Karl H. S., Stockholm, Sweden. Separation of aluminium oxide from raw material. 2,052,236; Aug. 25.
- Lofstedt, William J., assignor to Premier Manufacturing & Sales Company, Portland, Oreg. Plate shaving machine. 2,064,172; Dec. 15.
- Lofstrand, Anders R., Jr., Washington, D. C., assignor, by mesne assignments, to Lofstrand Company. Machine for washing, rinsing, and drying glassware. 2,052,835; Sept. 1.
- Lofstrand, Anders R., Jr., Washington, D. C., assignor, by mesne assignments, to Lofstrand Company. Tray. 2,059,258. Nov. 3.
- Lofstrand Company. (See Lofstrand, Anders R., Jr., assignor.)
- Loftis, Homer J. (See Nichols, H. J., Forbes, Harmon, and Loftis.)
- Loftis, Homer J., Dayton, Ohio, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio receiver. 2,037,638; Apr. 14.
- Lofton, Herbert M., Chattanooga, Tenn. Fire hydrant. 2,032,881; Mar. 3.
- Lofts, Sidney E., Ewell, England. Press tool. 2,047,830; July 14.
- Loftus, Fred H., Mount Lebanon, Pa. Nonreversing open-hearth furnace. 2,028,290; Jan. 21.
- Loftus, John P., Vancouver, British Columbia, Canada, and E. R. Chester, Seattle, Wash. Valve. 2,046,640; July 7.
- Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 2,036,708; Apr. 7.
- Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Rectifier regulator. 2,040,492; May 12.
- Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 2,047,915; July 14.
- Logan Gear Company, The. (See Sprink, Isaac W., assignor.)
- Logan, Henry H. (See Spyker, Jacobus, assignor.)
- Logan, Ian M. (See Baumann, H. N., Jr., Swentzel, and Logan.)
- Logan, John O., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Utilization of chlorine dioxide. 2,046,830; July 7.
- Logan, John W., Jr., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake control. 2,032,177; Feb. 25.
- Logan, John W., Jr., Wilkinsburg, assignor to The Westinghouse Electric Air Brake Company, Wilmerding, Pa. Brake circuit checking device. 2,042,111; May 26.
- Logan, John W., Jr., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Combined friction and electric brake. 2,052,200; Aug. 25.
- Logan, John W., Jr., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 2,052,202; Aug. 25.
- Logan, John W., Jr., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake retardation controller. 2,052,203; Aug. 25.
- Logan, John W., Jr., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake retardation controller. 2,052,204; Aug. 25.
- Logan, John W., Jr., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Retardation controller. 2,032,178; Feb. 25.
- Logan, John W., Jr., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control apparatus. 2,035,087; Mar. 24.
- Logan, John W., Jr., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake controlling device. 2,045,155; June 23.
- Logan, John W., Jr., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Braking apparatus. 2,058,023; Oct. 20.
- Logan, John W., Jr., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Eddy current brake. 2,058,024; Oct. 20.
- Logan, John W., Jr., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,055,460; Sept. 22.
- Logan, John W., Jr., Forest Hills, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Retardation controller device. 2,061,912; Nov. 24.
- Logan, John W., Jr., Wilkinsburg, and G. W. Baughman, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Combined electric and pneumatic brake apparatus. 2,052,201; Aug. 25.
- Logan, Joseph A., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid film holder and spraying device. 2,048,128; July 21.
- Logan, Joseph A., assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Fluid sample holder. 2,056,791; Oct. 6.
- Logan, Joseph A., Springfield, and L. F. Spear, Westfield, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil tester. 2,059,374; Nov. 3.
- Logan, Joseph A., Springfield, and L. F. Spear, Westfield, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil tester. 2,062,587; Dec. 1.
- Logan, Joseph A., Springfield, and L. F. Spear, Westfield, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil tester. 2,062,588; Dec. 1.
- Logan-Newville Motors, Inc. (See Logan, William F., assignor.)
- Logan, William A., Kinghorn, Fife, Scotland. Attachment for mining machines. 2,031,421; Feb. 18.
- Logan, William A., Kinghorn, Fife, Scotland. Mining conveyer. 2,060,227; Nov. 10.
- Logan, William B. (See Halpern, M., Logan, Manley, and Ullrich.)
- Logan, William B., Lake Charles, La., and I. E. Knapp, assignors to Newport Industries, Inc., Pensacola, Fla. Treatment of low grade resin. 2,033,947; Mar. 17.
- Logan, William F., Cape May, assignor to Logan-Newville Motors, Inc., Wildwood, N. J. Engine. 2,059,802; Nov. 3.
- Logan, Zack S., Louisville, Ky. Glider. 2,056,356; Oct. 6.
- Logette, Abraham I., and E. H. Dainton, London, England. Automatic valve. 2,028,938; Jan. 28.
- Loggins, Reuben L., Blytheville, Ark. Safety case for grain testing thermometers. 2,052,479; Aug. 25.
- Logie, Thomas T., assignor to The Bassick Company, Bridgeport, Conn. Hood catch. 2,026,640; Jan. 7.
- Logie, Thomas T., Bridgeport, and A. Claud-Mantle, Trumbull, assignors to The Bassick Company, Bridgeport, Conn. Antirattle dovetail for doors. 2,056,971; Oct. 13.
- Logstädt, Richard. (See Stolz, J., Hanke, Lux, and Logstädt.)
- Logue, Leland H., assignor to Denver Patent Company, Denver, Colo. Pump. 2,031,609; Feb. 25.
- Logue, Wylie G., Mineola, N. Y., assignor to Radio Corporation of America. Aircraft aerial and control. 2,048,015; July 21.
- Lohmeyer, Frank E., Springfield, Mo. Exhibition booth. 2,053,998; Sept. 8.
- Lohr, Ernst, Jr. (See Stiehl, O. E., and Lohr.)
- Lohr, James M., Morristown, assignor to Driver-Harris Company, Harrison, N. J. Alloy. 2,047,916; July 14.
- Lohr, James M., Morristown, assignor to Driver-Harris Company, Harrison, N. J. Alloy. 2,047,917; July 14.
- Lohr, James M., Morristown, assignor to Driver-Harris Company, Harrison, N. J. Alloy. 2,047,918; July 14.
- Lohr, James M., Morristown, assignor to Driver-Harris Company, Harrison, N. J. Alloys. 2,051,562; Aug. 18.
- Lohr, James M., Morristown, assignor to Driver-Harris Company, Harrison, N. J. Alloy. 2,063,513; Dec. 8.
- Lohr, Raymond, Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Toy vehicle. 2,064,309; Dec. 15.
- Lohrke, James L., Westtown, and H. H. Perry, Bryn Mawr, Pa. Yarn. 2,040,519; May 12.
- Lohrs, Edward F., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 2,033,079; Mar. 3.
- Lohse, Frederick W., North Attleboro, assignor to T. J. Holmes Company Inc., Norton, Mass. Atomizer. 2,034,660; Mar. 17.
- Loibl, Robert B., Jr., Los Angeles, Calif. Pest exterminator. 2,045,018; June 23.
- Loimann, Anton, Chemnitz, Germany. Operating mechanism for the thread-carrier rails of flat framework knitting machines. 2,059,375; Nov. 3.
- Loiselle, Edmond W., North Providence, R. I. Indicator for military whist. 2,049,305; July 28.
- Loken, Gilbert, assignor to one-half to W. G. Easterbrook, Seattle, Wash. Fencing. 2,032,806; Mar. 3.
- Lolley, William H., Albany, and H. B. Lee, assignors to The Ludlow Valve Manufacturing Company, Troy, N. Y. Valve. 2,057,103; Oct. 13.
- Lomas, Hazen G., Detroit, Mich. Fountain brush. 2,051,340; Aug. 18.
- Lomax, Clarence E. (See Levy, O. C., and Lomax.)
- Lomax, Clarence E. (See Riebe, T. C., Lomax, and Obergfell.)
- Lomax, Clarence E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,052,051; Aug. 25.
- Lomax, Clarence E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Intercommunicating telephone system. 2,053,798; Sept. 8.
- Lomax, Frank B., administrator. (See Lomax, William L.)
- Lomax, William L., deceased, to F. B. Lomax, administrator, Chicago, Ill. Apparatus for treating eggs. 2,065,384; Dec. 22.



- Lombardi Knitting Machine Co. (See Di Fonzo, Antonio, assignor.)
- Lombardi Knitting Machine Co. Inc. (See Lombardi, Vincent, assignor.)
- Lombardi, Vincent, Garden City, assignor to Lombardi Knitting machine Co. Inc., New York, N. Y. Yarn controlling member. 2,030,261; Feb. 11.
- Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co. Inc., New York, N. Y. Knitted fabric. 2,040,318; May 12.
- Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co. Inc., New York, N. Y. Knitting apparatus. 2,040,319; May 12.
- Lombardo, Joseph, assignor of one-half to S. Roth, Chicago, Ill. Apparatus for picking locks. 2,059,376; Nov. 3.
- Lombella, August, deceased, Westfield, Mass., J. L. Lombella, executor. Halter. 2,031,271; Feb. 18.
- Lombella, John L., executor. (See Lombella, August.)
- Lombros, Xenophon G. (See Silaj, Thomas S., assignor.)
- Lommel, Wilhelm, Leverkusen-Wiesdorf, and R. Schröter, Leverkusen-I. G. Werk, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Vulcanization accelerator. 2,027,184; Jan. 7.
- Lonas, Frank E., Jackson Heights, and F. C. Booth, Mount Vernon, N. Y., said Booth, assignor to said Lonas; K. B. Lonas, executrix of said F. E. Lonas, deceased. Connecting rod and making the same. 2,053,962; Sept. 8.
- Lonas, Frank E., deceased, New York, and F. C. Booth, Mount Vernon, N. Y., said Booth assignor to said Lonas; K. B. Lonas, executrix. Cylinder structure and producing the same. 2,054,773; Sept. 15.
- Lonas, Kathryn B., executrix. (See Lonas, Frank E., and Booth.)
- Lønberg-Holm, Åge. (See Recht, O. C., and Lønberg-Holm.)
- London, Bernard, New York, N. Y. Building construction. 2,039,601; May 5.
- London Electronics (Machinery) Limited. (See Dorn, James, assignor.)
- London, Harry, New York, N. Y., assignor to Al-lon Manufacturing Co., Inc., Baltimore, Md. Garment bag. 2,052,932; Sept. 1.
- Lone, Lillian. (See O'Connell, Maurice M., assignor.)
- Lonergan, Simon J., assignor to Bastian-Morley Company, La Porte, Ind. Flue structure. 2,057,154; Oct. 13.
- Loney, Hugh W., Elkhart County, assignor to C. G. Conn, Ltd., Elkhart, Ind. Saxophone. 2,056,680; Oct. 6.
- Long, Archie O., Kansas City, Mo. Ironing machine. 2,038,050; Apr. 21.
- Long, Bernard, Paris, France, assignor, by mesne assignments, to The American Securit Company. Apparatus for tempering glass. 2,065,862; Dec. 29.
- Long, Edward E., Lawrence, Kans. Concrete mixer. 2,060,090; Nov. 10.
- Long, Eli M., assignor to Shuron Optical Company, Inc., Geneva, N. Y. Lens drilling machine. 2,058,808; Oct. 27.
- Long, Elmer C., Grosse Pointe Park, Mich. Piston for internal combustion motors. 2,026,789; Jan. 7.
- Long, Elmer C., Grosse Pointe Park, Mich. Piston for internal combustion motors. 2,044,087; June 16.
- Long, Elmer C., Grosse Pointe Park, Mich. Piston for internal combustion motors. 2,054,089; Sept. 15.
- Long, Elmer C., Detroit, Mich. Piston for internal combustion motors. 2,047,788; July 14.
- Long, Elmer C., Quincy, Ill., assignor, by mesne assignments, to Security Trust Company, Detroit, Mich. Piston. 2,044,854; June 23.
- Long, Erskine, Pittsburgh, Pa. Self-filling fountain pen. 2,057,662; Oct. 20.
- Long, Fred R., Catawissa, Pa. Combined pipe union and check valve. 2,059,531; Nov. 3.
- Long, Frederick F., Chester, assignor to The Viscose Company, Marcus Hook, Pa. Method and apparatus for treating yarn with liquid. 2,053,293; Sept. 8.
- Long, George A., assignor to The Gray Telephone Pay Station Company, Hartford, Conn. Coin hopper for telephone toll collecting apparatus. 2,026,983; Jan. 7.
- Long, George A., assignor to The Gray Telephone Pay Station Company, Hartford, Conn. Telephone pay station apparatus. 2,032,063; Feb. 25.
- Long, George A., assignor to The Gray Telephone Pay Station Company, Hartford, Conn. Backplate for telephone sets. 2,033,773; Mar. 10.
- Long, George A., assignor to The Gray Telephone Pay Station Company, Hartford, Conn. Coin gauge. 2,033,496; Apr. 21.
- Long, George A., assignor to The Gray Telephone Pay Station Company, Hartford, Conn. Coin collecting mechanism base. 2,040,792; May 12.
- Long, George A., assignor to The Gray Telephone Pay Station Company, Hartford, Conn. Telephone toll apparatus. 2,043,201; June 2.
- Long, George E., Pittsburg, assignor to R. W. Rush and E. J. Schulte, Girard, Kans. Card holder. 2,040,750; May 12.
- Long, Harry C., Casper, Wyo. Sucker rod guide paraffin cutter. 2,058,331; Oct. 20.
- Long, James S., Coopersburg, and G. L. Ball, Jr., Bethlehem, Pa., said Ball assignor of one-third to Archer-Daniels-Midland Company, and one-sixth to Lehigh University. Resinous products from chlorinated oxidized fatty oils. 2,044,007; June 16.
- Long, James S., and G. L. Ball, Jr., Bethlehem, Pa., said Ball assignor of one-third to Archer-Daniels-Midland Company, and one-sixth to Lehigh University. Blown drying oil and derivatives thereof. 2,059,259; Nov. 3.
- Long, James S., Coopersburg, Pa., and G. F. Beal, Minneapolis, Minn., assignors to Archer-Daniels-Midland Company. Reacting compounds of unsaturated oil and producing the same. 2,059,260; Nov. 3.
- Long, James W., Plainfield, and E. R. Wheeler, North Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Page projector for recorders. 2,030,821; Feb. 11.
- Long, John D., assignor of one-fourth to M. F. Schneider, one-fourth to D. W. Dooley, and one-fourth of G. A. Rummel, Willows, Calif. Meat grinder attachment. 2,050,758; Aug. 11.
- Long, John R., Pettus, Tex. Combined garment and carrying bag. 2,058,474; Oct. 27.
- Long, Leland E. (See Floyd, J. M., Long, Nash, and Dibble.)
- Long, Leland E. (See Mahoney, J. P., and Long.)
- Long, Leland E., Ardmore, Ind., assignor to The Lubrication Corporation, Chicago, Ill. Assembly machine. 2,052,356; Aug. 25.
- Long, Robert L., Norwood, Ohio. Valve lock. 2,036,763; Apr. 7.
- Long, Spencer W. (See Young, F. J., Long, and Morgan.)
- Long, Spencer W., Redondo Beach, Calif., assignor to The National Superior Company, Toledo Ohio. Spider. 2,030,111; Feb. 11.
- Long, Thomas H., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Grid-glow tube position relay combination. 2,027,239; Jan. 7.
- Long, Thomas H., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Light control device. 2,036,286; Apr. 7.
- Long, Thomas H., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Photosensitive device. 2,057,495; Oct. 13.
- Long, Thomas H., Wakeeney, Kans., assignor to Westinghouse Electric & Manufacturing Company. Phototube. 2,034,586; Mar. 17.
- Long, W. E., Co., The. (See Haas, Louis W., assignor.)
- Long, W. E., Company, The. (See Reece, Wade W., assignor.)
- Long, Wilber L., Kirksville, Mo. Heating and drying apparatus. 2,052,983; Sept. 1.
- Longaker, Vernon A., Boston, Mass. Stay for corsets, belts, and the like. 2,044,436; June 16.
- Longenecker, Charles I., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Pumping system for plastic concrete and similar mixtures. 2,054,022; Sept. 8.
- Longenecker, Charles I., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Pressure pump for plastic concrete mixtures. 2,056,902; Oct. 6.
- Longenecker, Levi S., Pittsburgh, Pa. Door for metallurgical furnaces. 2,045,661; June 30.
- Longenecker, Levi S., Pittsburgh, Pa. Furnace door and operating mechanism therefor. 2,045,662; June 30.
- Longevin, Wilfred. (See Holt, G. J., and Longevin.)
- Longfellow, Earl E., assignor to H. H. Leiter, Warsaw, Ind. Surgical splint. 2,034,680; Mar. 17.
- Longfellow, Earl E., assignor to H. H. Leiter, Warsaw, Ind. Surgical appliance. 2,064,672; Dec. 15.
- Longo, Joseph, Syracuse, N. Y. Lubricating device. 2,030,646; Feb. 11.
- Longoria, Antonio, Lakewood, Ohio, assignor to Automatic Voting Machine Corporation, Jamestown, N. Y. Photographic apparatus. 2,038,302; Apr. 21.
- Longtin, William J., assignor to Infant Socks Company, Reading, Pa. Hosiery. 2,054,059; Sept. 8.
- Lönberg, Frans A., Kristinehamn, Sweden. Lawn mower. 2,058,382; Oct. 20.
- Lonngren, Bruno L. (See Bauer, H. E., Fykse, Davidson, and Lonngren.)
- Lonza Elektrizitätswerke und Chemische Fabriken Aktiengesellschaft (Gampel). (See Lüscher, Emil, assignor.)
- Loock, Frederick F., River Hills, assignor to Allen-Bradley Company, Milwaukee, Wis. Enclosure for electrical devices. 2,063,099; Dec. 8.
- Lookholder, Alex E., LaGrange, Ill. Inner tube testing device. 2,048,191; July 21.
- Loomis, Albert G. (See Hund, W. J., Loomis, and Lambert.)
- Loomis, Albert G., Mount Lebanon Township, Allegheny County, Pa., assignor to Gulf Research & Development Corporation, Wilmington, Del. Producing flocculation in oil well strata. 2,042,011; May 26.
- Loomis, Albert G., Mount Lebanon Township, Allegheny County, A. J. Teplitz and H. A. Ambrose, Pittsburgh, Pa., assignors to Gulf Research & Development Corporation, Wilmington, Del. Treating wells. 2,034,347; Mar. 17.
- Loomis, Allen, assignor to C. G. Conn, Ltd., Elkhart, Ind. Clarinet. 2,033,772; Mar. 10.
- Loomis, Allen, assignor to C. G. Conn, Ltd., Elkhart, Ind. Saxophone. 2,033,774; Mar. 10.
- Loomis, Allen, assignor to C. G. Conn, Ltd., Elkhart, Ind. Saxophone. 2,055,382; Sept. 22.
- Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 2,039,814; May 5.
- Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 2,047,789; July 14.



- Loomis, Evarts G., Newark, N. J. Mixing machine. 2,027,185; Jan. 7.
- Loomis, George P., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Inner tube for tires. 2,055,797; Sept. 29.
- Loomis, Ralph L., Bedford, Mass. High speed wadding production. 2,055,936; Sept. 29.
- Loomis, Walter A., Long Beach, Calif. Safety tubing gate. 2,047,569; July 14.
- Loonam, Alfred C. (See Gleason, G. H., and Loonam.)
- Looney, Mark E., Watertown, Mass. Window. 2,027,240; Jan. 7.
- Looney, William R., assignor to H. Bergman, J. B. Horbach, and J. A. Greenfield, Los Angeles, Calif. Box. 2,040,774; May 12.
- Loos, Karl, Astoria, assignor of fifteen one-hundredths to J. Hirschman, New York, N. Y. Synthetic resins. 2,058,475. Oct. 27.
- Loos, Reinhold, Newark, N. J. Rope clamp. 2,062,894; Dec. 1.
- Loose, Kenneth D., Bronxville, assignor to Loose-Wiles Biscuit Company, Long Island City, N. Y. Conveyer for baking ovens. 2,045,957; June 30.
- Loose-Wiles Biscuit Company. (See Loose, Kenneth D., assignor.)
- Loose Leaf Metals Company. (See Newman, George W., assignor.)
- Loosley, Henry R., and W. O. Lowry, East St. Louis, Ill. Cooler cabinet. 2,059,700; Nov. 3.
- Lopez, Nicolás A., Chicago, Ill. Portable drill. 2,050,709; Aug. 11.
- Löpp, Edmund, assignor to N. V. Philips'-Gloeilampen-fabriek, Eindhoven, Netherlands. Electron discharge device. 2,045,663; June 30.
- Lorain Steel Company, The. (See Stewart, D. P., and Stewart, assignors.)
- Lorain Telephone Company, The. (See Fox, Robert A., assignor.)
- Lorand, Eugene J., assignor to Hercules Powder Company, Wilmington, Del. Producing high viscosity aralkyl ethers of cellulose. 2,051,492; Aug. 18.
- Lorand, Eugene J., assignor to Hercules Powder Company, Wilmington, Del. Preparation of aralkyl ethers of cellulose. 2,052,145; Aug. 25.
- Lorand, Eugene J., assignor to Hercules Powder Company, Wilmington, Del. Method for the production of aralkyl ethers of cellulose. 2,056,324; Oct. 6.
- Lorand, Eugene J., assignor to Hercules Powder Company, Wilmington, Del. Recovery of aralkyl ethers of cellulose. 2,056,612; Oct. 6.
- Lorang, Hermanus F. J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Manufacture of acetone. 2,039,543; May 5.
- L'Orange, Rudolf, Stuttgart-Teuerbach, Germany. Fuel pump for internal combustion engines. 2,041,422; May 19.
- Loranger, Hubert R., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,059,593; Nov. 3.
- Lorant, Hugo, assignor to Schloemann Aktiengesellschaft, Düsseldorf, Germany. Making tubes by extrusion. 2,045,786; June 30.
- Lord, Edward L., Glenside, Pa., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Controlling the charge and discharge of a storage battery. 2,029,628; Feb. 4.
- Lord, Frank, Radcliffe, England. Grinding machine for paper pulp. 2,044,480; June 16.
- Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Power supply system. 2,052,413; Aug. 25.
- Lord, Hugh C. (See Lord, Thomas, assignor.)
- Lord, Hugh C., Erie, Pa. Mounting. 2,028,549; Jan. 21.
- Lord, Hugh C., Erie, Pa. Mounting. 2,028,550; Jan. 21.
- Lord, Hugh C., Erie, Pa. Mounting and joints therefor. 2,028,551; Jan. 21.
- Lord, Hugh C., Erie, Pa. Joint. 2,044,392; June 16.
- Lord, Hugh C., Erie, Pa. Forming joints. 2,044,393; June 16.
- Lord, Hugh C., Erie, Pa. Joint. 2,047,976; July 21.
- Lord, Hugh C. and T. Erie, Pa.; said T. Lord assignor to said H. C. Lord. Mounting for rotating devices. 2,032,707; Mar. 3.
- Lord-Mott Company. (See Mills, Rufus A.)
- Lord, Mount C., assignor to U. S. Submarine Motorship Dredge, Inc., Seattle, Wash. Hydraulic material elevator. 2,044,088; June 16.
- Lord, Oswald B., New York, N. Y., assignor to Parker Brothers, Inc., Salem, Mass. Board game apparatus. 2,043,482; June 9.
- Lord, Thomas. (See Lord, Hugh C. and T.)
- Lord, Thomas, assignor to H. C. Lord, Erie, Pa. Mounting. 2,037,032; Apr. 14.
- Lord, Thomas, assignor to H. C. Lord, Erie, Pa. Vibration insulating joint. 2,037,033; Apr. 14.
- Lord, William R., Matawan, N. J., assignor to American Can Company, New York, N. Y. Container pouring spout. 2,043,253; June 9.
- Loré, Mathew A., Blackpool, England. Railway line. 2,028,401; Jan. 21.
- Loree, Francis J. (See Loree, George S., assignor.)
- Loree, George S., Hornell, N. Y., assignor to F. J. Loree, Hornell, N. Y. Milk bottle receptacle. 2,031,272; Feb. 18.
- Lorenz, Anthony J., Chicago, Ill., assignor to Lever Brothers Company. Soap. 2,060,228; Nov. 10.
- Lorenz, C. Aktiengesellschaft. (See Begun, Semi, assignor.)
- Lorenz, C. Aktiengesellschaft. (See Begun, S., and Weiche, assignors.)
- Lorenz C. Aktiengesellschaft. (See Gerth, F., and Kielhorn, assignors.)
- Lorenz, C. Aktiengesellschaft. (See Hahnemann, Walter M., assignor.)
- Lorenz, C. Aktiengesellschaft. (See Jacobs, Johannes, assignor.)
- Lorenz, C. Aktiengesellschaft. (See Kramar, Ernst, assignor.)
- Lorenz, C. Aktiengesellschaft. (See Scheppmann, Wilhelm, assignor.)
- Lorenz, Ervin W., Osmond, Nebr. Collapsible drag. 2,055,013; Sept. 22.
- Lorenz, Gustav C. (See Lindemann, W. C., and Lorenz.)
- Lorenz, Harry H., Chappaqua, assignor to Richardson & Boynton Company, New York, N. Y. Register and control. 2,034,700; Mar. 24.
- Lorenz, Harvey F. (See Angell, G. H., and Lorenz.)
- Lorenzen, Heinz G. (See McKinney, W. A., and Lorenzen.)
- Lorenzen, Heinz G., assignor to Kitchen Art Foods, Inc., Chicago, Ill. Dessert preparation. 2,045,019; June 23.
- Lorgnettes, Inc. (See Colliander, Carl E. H., assignor.)
- Lorig, Clarence H. (See Williams, C. E., Krause, and Lorig.)
- Lorig, Edwin T. (See Graf, J. E., and Lorig.)
- Lorig, Edwin T., Gary, Ind., assignor to American Sheet and Tin Plate Company. Coiling strip. 2,040,775; May 12.
- Lorig, Edwin T., Gary, Ind., E. E. Moore, Chicago, Ill., and J. T. Nichols, Pittsburgh, Pa., assignors to American Sheet and Tin Plate Company. Pressure measuring apparatus. 2,050,106; Aug. 4.
- Lormor, Henry W., Cleveland Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Battery terminal post. 2,031,378; Feb. 18.
- Lorraine, David G., Los Angeles, Calif., assignor of one-half to W. L. Borough and one-half to S. R. Lorraine. Flow bean. 2,051,307; Aug. 18.
- Lorraine, Sara R. (See Green, Ellis, assignor.)
- Lorraine, Sara R., et al. (See Lorraine, David G., assignor.)
- Lorschneider-Schang Co., The. (See King, Everett W., assignor.)
- Lorusso, Flaviano, St. Louis, Mo. Hack saw. 2,034,625; Mar. 17.
- Los Angeles By-Products Co. (See Gregg, Clarence M., assignor.)
- Los Angeles Engraving Company. (See Benson, Charles E., assignor.)
- Losa, Vaclav. (See Mikulasek, John, assignor.)
- Losch, Bernard J. (See Cunningham, G. L., and Losch.)
- Loser, William M. (See Behnke, H. R., and Loser.)
- Losier, George E., East Orange, assignor of one-fifth to W. A. Hughes, Newark, and four-fifths to M. L. Losier, East Orange, N. J. Picture printing plates and allied elements, and method and steps for making the same. 2,032,541; Mar. 3.
- Losier, Marion L., et al. (See Losier, George E., assignor.)
- Lotsch, John L., Brooklyn, N. Y. Electrolytic device. 2,066,154; Dec. 29.
- Lott, Alex, Orange, Tex. Hulling and beating apparatus. 2,048,345; July 21.
- Lott, Charles I., Lansing, Mich. Piston ring grinder. 2,063,939; Dec. 15.
- Lott, William A., Newark, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Purification of ether. 2,056,972; Oct. 13.
- Lott, William A., East Orange, N. J., and A. E. Jurist, Brooklyn, assignors to E. R. Squibb & Sons, New York, N. Y. Therapeutic preparations. 2,047,275; July 14.
- Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose leaf binder. 2,055,905; Sept. 29.
- Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose leaf binder. 2,055,937; Sept. 29.
- Lotts, Delbert L., Chicago, Ill. Clutch mechanism. 2,028,876; Jan. 28.
- Lotts, Delbert L., assignor of three-fourths to S. Bloch, M. I. Kaplan, and J. H. Jaffe, Chicago, Ill. Variable speed transmission. 2,033,639; Mar. 10.
- Lotz, Herbert A. (See Wheldon, G. H., Murphy, and Lotz.)
- Louden, Russell L., and H. H. Geyer, Springfield, Ohio. Electric time switch. 2,061,312; Nov. 17.
- Louden, Thomas H., Sharon, Ohio. Shear sharpener. 2,061,842; Nov. 24.
- Loudenslager, Charles S., Jr. (See Loudenslager, Charles S., Sr., and C. S., Jr.)
- Loudenslager, Charles S., Sr., and C. S. Loudenslager, Jr., Columbus, Ohio. Closure. 2,065,231; Dec. 22.
- Loudon, Warren P., assignor to Delco Aviation Corporation, Dayton, Ohio. Circuit maker and breaker. 2,063,320; Dec. 8.
- Louft, Nathan, Washington, D. C. Silk screen process printing. 2,052,933; Sept. 1.
- Loughhead, Malcolm, Mokelumne Hill, assignor to Hydraulic Brake Company, Los Angeles, Calif. Brake mechanism. 2,034,915; Mar. 24.



- Loughead, Malcolm, assignor to Hydraulic Brake Company, Los Angeles, Calif. Brake mechanism. 2,065,084; Dec. 22.
- Lougheed, Wellington R. (See Ciak, J., and Lougheed.)
- Loughlin, William D., Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio receiver. 2,062,032; Nov. 24.
- Loughrey, Carl T., Hollywood, Calif., assignor to Hydrocarbon Foundation, Ltd. Treating oils. 2,034,818; Mar. 24.
- Loughridge, Matthew H., Bogota, N. J. Phonograph apparatus. 2,034,105; Mar. 17.
- Loughridge, Matthew H., Bogota, N. J. Braking apparatus. 2,036,589; Apr. 7.
- Loughridge, Matthew H., Bogota, N. J. Braking system. 2,037,034; Apr. 14.
- Loughridge, Matthew H., Bogota, N. J. Vending machine. 2,037,248; Apr. 14.
- Loughridge, Matthew H., Bogota, N. J. Electron tube. 2,048,129; July 21.
- Loughridge, Matthew H., Bogota, N. J., assignor, by mesne assignments, to Plant Cultivation Company, New York, N. Y. Seed germinating machine. 2,051,094; Aug. 18.
- Louis, Terrence G. (See Harmon, K. A., and Louis.)
- Louisot, Felix, Hasbrouck Heights, N. J., assignor to W. M. Sheffield, New York, N. Y. Obtaining stereoscopic effects. 2,063,004; Dec. 1.
- Louisiana Oil Refining Corporation. (See Pierce, R. B., and Trusty, assignors.)
- Louisiana Supply Company. (See Brack, John D., assignor.)
- Louisville Drying Machinery Co. Inc. (See Lissauer, Adolph W., assignor.)
- Lounsbury and Harris. (See Wirick, Kirk G., assignor.)
- Lounsbury, Harvey J., Glen Ellyn, Ill., and J. H. Link, Merion, Pa., assignors to W. H. Miner, Inc., Chicago, Ill. Combined draft and buffing gear. 2,043,384; June 9.
- Loupe, Bernard A., Baton Rouge, La., assignor to Standard Oil Development Company. Oil and gas separator. 2,049,068; July 28.
- Love, James E. (See Hume, H. D., and Love.)
- Love, Robert E. (See Howe, R. W., Love and Wood.)
- Love, Solomon A., Decatur, Ga. Closure cap. 2,030,380; Feb. 11.
- Lovejoy, Fred C., St. Louis, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method and apparatus for making a heel. 2,050,348; Aug. 11.
- Loveland, Curtis A., Youngstown, Ohio. Milking stool. 2,054,262; Sept. 15.
- Lovell, Harris E., Providence, R. I. Cloth guider. 2,047,212; July 14.
- Lovell Manufacturing Company. (See Kauffman, Walter L., 2d, assignor.)
- Lovell Manufacturing Company. (See Misner, Edgar D., assignor.)
- Lovell, Stanley P. (See Miller, H. S., Goodwin, and Lovell.)
- Lovell, Stanley P., Newton, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Shoe stiffener manufacture. 2,036,588; Apr. 7.
- Lovell, Stanley P., Newton, Mass., assignor, by mesne assignments, to Beckwith Manufacturing Company, Dover, N. H. Manufacture of shoe stiffeners. 2,040,320; May 12.
- Lovell, Stanley P., Newton, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Stiffening shoes. 2,063,690; Dec. 8.
- Lovely, John E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Lathe and the like speed control mechanism. 2,056,792; Oct. 6.
- Lovely, John E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Machine tool. 2,061,311; Nov. 17.
- Lovely, John E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Stock feeding mechanism. 2,065,083; Dec. 22.
- Lovely, John E., and J. R. Knights, assignors to Jones & Lamson Machine Company, Springfield, Vt. Machine tool. 2,065,816; Dec. 29.
- Loven, Robert L., Deport, Tex. Flue cover. 2,033,435; Mar. 10.
- Loveridge, Frederick H., deceased, Coldwater, Mich., and E. H. Smythe, Evanston, Ill., G. L. Clark, and H. L. Loveridge, trustees. Card index and the like. 2,026,582; Jan. 7.
- Loveridge, Homan L., trustee, et al. (See Loveridge, F. H., and Smythe.)
- Lovett, Louis E., Cleveland Heights, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Manufacture of reinforced sheet material. 2,058,476; Oct. 27.
- Low, Albert H., Denver, assignor of one-fourth to C. Whitehead and A. L. Vogl, Denver, Colo. Cigarette. 2,028,552; Jan. 21.
- Low, Arthur B., Denver, Colo. Neck straightening device for musical instruments. 2,056,474; Oct. 6.
- Low, Frank K. (See Anderson, L. T., and Low.)
- Low, Frank K. (See Johnson, L. H., and Low.)
- Low, Frank K., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing system. 2,029,030; Jan. 28.
- Low, Frank K., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,034,874; Mar. 24.
- Low, Frank K., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,060,229; Nov. 10.
- Low, Leslie A. (See Haller, J., and Low.)
- Lowdermilk, Elbert W., Denver, Colo. Dump truck. 2,034,306; Mar. 17.
- Lowe, Arthur E. (See Linstead, R. P., and Lowe.)
- Lowe, Charles B. (See Heyer, F. K., and Lowe.)
- Lowe, Charles B. (See Maxwell, M. C., Thompson, Ledin, and Lowe.)
- Lowe, Charles B., Detroit, Mich., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 2,027,186; Jan. 7.
- Lowe, Charles B., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 2,036,764; Apr. 7.
- Lowe, Charles B., assignor to The Yale & Towne Mfg. Co., Stamford, Conn. Lock. 2,039,244; Apr. 28.
- Lowe, Charles B., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 2,046,831; July 7.
- Lowe, Charles B., assignor to The Yale & Towne Mfg. Co., Stamford, Conn. Lock. 2,049,742; Aug. 4.
- Lowe, Charles B., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 2,058,895; Oct. 27.
- Lowe, Ernest A., Fanwood, N. J., assignor to Automatic Sprinkler Company of America, Cleveland, Ohio. Fire extinguishing apparatus. 2,044,313; June 16.
- Lowe, Ernest A., and J. R. Hamilton, Cleveland Heights, assignors to Automatic Sprinkler Company of America, Cleveland, Ohio. Fire extinguishing and alarm apparatus. 2,027,051; Jan. 7.
- Lowe, Frank A., San Francisco, Calif. Surgical instrument. 2,029,495; Feb. 4.
- Lowe, Joe, Corporation. (See Kronbach, Edwin W., assignor.)
- Lowe, Joe, Corporation. (See Rosner, Henry I., assignor.)
- Lowe, Joe, Corporation. (See Siemund, Herman, assignor.)
- Lowe Paper Company. (See Korte, Charles, assignor.)
- Lowe, Rudy, Chicago, Ill., assignor to Proportioners, Inc. Providence, R. I. Apparatus for metering fluids. 2,030,381; Feb. 11.
- Lowe, Russel E. (See Morgan, J. D., and Lowe.)
- Lowe, Thomas W., Columbus, Ohio. Manufacturing pipe caps. 2,039,967; May 5.
- Lowe, Thomas W., Columbus, Ohio. Manufacturing pipe bends. 2,039,968; May 5.
- Lowe, William A., Wyncote, Pa. Lantern holder for road crossings. 2,051,527; Aug. 18.
- Loweke, Erwin F. (See Oliver, W. F., Bowen, and Loweke.)
- Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Compound cylinder. 2,036,342; Apr. 7.
- Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic brake. 2,037,474; Apr. 14.
- Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Vacuum pump. 2,049,211; July 28.
- Lowell Counter Company. (See Thurston, Charles A.)
- Lowell, Percival D., Chevy Chase, Md. Carrier wave printing telegraph system. 2,033,948; Mar. 17.
- Lowell, Percival D., Chevy Chase, Md. Automatic signal receiving system. 2,056,200; Oct. 6.
- Lowell, Percival D., Chevy Chase, Md., assignor to Radio Corporation of America, New York, N. Y. Radio direction finder. 2,040,520; May 12.
- Lowell, Percival D., Chevy Chase, Md., assignor to Radio Corporation of America, New York, N. Y. System for remotely controlling the frequency of an oscillator circuit. 2,056,011; Sept. 29.
- Lowell-Wintsch Automatic Train Control, Inc. (See Wintsch, Max T., assignor.)
- Lowenberg, Gisbert. (See Johnson, G. E., and Lowenberg.)
- Lowenstein, Casper, Brooklyn, N. Y., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Handbag and frame for the same. 2,051,413; Aug. 18.
- Lowenstein, Fredrick E., Kansas City, Kans. Fuse and holder therefor. 2,059,467; Nov. 3.
- Lower, Alfred E., and H. C. Petzwal, Sacramento, Calif. Electric therapeutic lamp. 2,054,332; Sept. 15.
- Lower, Donald D., Aspers, Pa., and M. P. Roche, Baltimore, Md. Corrugated liner. 2,034,627; Mar. 17.
- Lower, Donald E., Aspers, Pa., and M. P. Roche, Baltimore, Md., assignors of one-fourth to M. B. Lower, Aspers, Pa., and one-fourth to M. C. Roche, Baltimore, Md. Fruit packing accessory. 2,034,626; Mar. 17.
- Lower, Martha B. (See Lower, D. E., and Roche, assignors.)
- Lower, Melvin S., Wadsworth, assignor to The Sun Rubber Company, Barberton, Ohio. Toy automobile. 2,035,081; Mar. 24.
- Lower, Nathan M., Bellevue, Pa. Automobile brake. 2,039,095; Apr. 28.
- Lower, Nathan M., Tuckahoe, N. Y., assignor to The Standard Stoker Company, Incorporated. Locomotive tender. 2,032,943; Mar. 3.
- Lower, Nathan M., Tuckahoe, N. Y., assignor to The Standard Stoker Company, Incorporated. Stoker conveyer. 2,032,944; Mar. 3.
- Lower, Nathan M., Tuckahoe, N. Y., assignor to The Standard Stoker Company, Incorporated. Driving mechanism. 2,051,870; Aug. 25.



- Lower, Nathan M., Crestwood, N. Y., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,051,956; Aug. 25.
- Lower, Nathan M., assignor to The Standard Stoker Company, Incorporated, New York, N. Y. Locomotive tender. 2,051,957; Aug. 25.
- Lowmaster, Vane H. (See Berringer, William A., assignor.)
- Lowndes, Richard H., assignor to Atlantic Steel Company, Atlanta, Ga. Valve control mechanism. 2,035,711; Mar. 31.
- Lownes, Edgar J., Jr., and M. O. Gibson, Providence, R. I. Silk yarn. 2,064,804; Dec. 15.
- Lownes, Edgar J., Jr., and M. O. Gibson, assignors to American Silk Spinning Co., Providence, R. I. Yarn and producing the same. 2,064,761; Dec. 15.
- Lownes, Edgar J., Jr., and M. O. Gibson, assignors to American Silk Spinning Co., Providence, R. I. Producing yarn. 2,064,762; Dec. 15.
- Lowres, Bert J., Newark, N. J. Ophthalmic mounting. 2,058,025; Oct. 20.
- Lowres Optical Manufacturing Co. (See Hauser, Rudolph, J., assignor.)
- Lowrey, George A. (See Hall, W. F., and Lowrey.)
- Lowrie, Edward D., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Method and apparatus for forming conduits. 2,038,745; Apr. 28.
- Lowry, Charles D., Jr., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,049,013; July 28.
- Lowry, Charles D., Jr., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 2,051,871; Aug. 25.
- Lowry, Charles D., Jr., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 2,051,872; Aug. 25.
- Lowry, Charles D., Jr., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 2,051,873; Aug. 25.
- Lowry, Charles D., Jr., and F. J. Skowronski, assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oil. 2,064,842; Dec. 22.
- Lowry, Erwin F., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermionic discharge device. 2,027,241; Jan. 7.
- Lowry, Erwin F., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Oxide coated cathode for heavy duty service. 2,032,179; Feb. 25.
- Lowry, Erwin F., Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Alloy. 2,030,112; Feb. 11.
- Lowry, George A., and J. A. Grant, New York, N. Y., assignors to M. H. Ittner, Jersey City, N. J. Producing fibrous cellulose from plant stalks and utilization of such fibrous cellulose. 2,064,929; Dec. 22.
- Lowry, Jesse W. (See Watts, W. E. and Lowry.)
- Lowry, Julius C., and O. M. Rybolt, Detroit, Mich. Signal apparatus. 2,036,420; Apr. 7.
- Lowry, Robert D., and F. L. Reynolds, assignors to The Dow Chemical Company, Midland, Mich. Rolling magnesium alloys. 2,029,728; Feb. 4.
- Lowry, Robert D., and F. L. Reynolds, assignors to The Dow Chemical Company, Midland, Mich. Rolling magnesium alloy. 2,060,071; Nov. 10.
- Lowry, Wendell O. (See Loosley, H. R., and Lowry.)
- Low Temperature Processing Company, The. (See Zorn, W. M., and Eickhoff, assignors.)
- Lowther, Wilfred W., Minneapolis, assignor to Donaldson Company, Inc., St. Paul, Minn. Crank case ventilating system. 2,060,883; Nov. 17.
- Löwy, Rudolf, Vienna, Austria. Brush, especially for massage purposes. 2,052,836; Sept. 1.
- Loy, Arthur W., Vallejo, Calif. Prismostereophorometer. 2,041,719; May 26.
- Loy, Park W. T., Hagerstown, Md. Game. 2,055,036; Sept. 22.
- Loyd, Lieutenant Hobson, assignor of one-half to N. C. Petcoff, Curtisville, Pa. Safety apparatus. 2,055,383; Sept. 22.
- Lozo, Otto J., Chicago, Ill. Container. 2,047,696; July 14.
- Lozon, Carl F., New York, N. Y. Apparatus for charging or filling metal capsules. 2,052,052; Aug. 25.
- Lubberhuizen, Jan W., Arnhem, Netherlands, and H. Toehl, Wuppertal-Elberfeld, Germany, assignors to North American Rayon Corporation. Winding of filaments, threads, and the like. 2,034,404; Mar. 17.
- Lubbers, Lubbert E., assignor of one-half to The New Stoughton Company, Stoughton, Wis., and one-half to Fruehauf Trailer Company, Detroit, Mich. Flexible and resilient vehicle coupling. 2,027,990; Jan. 14.
- Lübbert, Wolfgang, and E. L. Müller, assignors to Henkel & Cie, G. m. b. H., Düsseldorf, Germany. Esters of etherified glycolic acids. 2,027,991; Jan. 14.
- Lübcke, Ernst, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Uniformly controllable gas or vapor discharge valve. 2,032,137; Feb. 25.
- Lübcke, Ernst, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Indirectly heated heavy duty cathode. 2,042,183; May 26.
- Lubcke, Harry R. (See Farnsworth, P. T., and Lubcke, assignors.)
- Lubcke, Harry R., Los Angeles, Calif. Television synchronization method and apparatus. 2,037,035; Apr. 14.
- Lubcke, Harry R., Los Angeles, Calif. Relaxation oscillator. 2,047,277; July 14.
- Lubcke, Harry R., Los Angeles, Calif. Television system. 2,055,748; Sept. 29.
- Luberoff, Louis, assignor to L. Kolber, Philadelphia, Pa. Volume control for musical instruments. 2,038,945; Apr. 28.
- Lubin, David J. B., San Francisco, Calif. Apparatus for preparing blood films for the making of differential counts. 2,029,496; Feb. 4.
- Lubin, Harry R., Spokane, Wash. Dispensing apparatus. 2,028,553; Jan. 21.
- Lubin, Henry G. (See Vivaudou, J. E., and Lubin.)
- Lubke, Hermon A., Clermont, Iowa. Cigarette container. 2,051,450; Aug. 18.
- Luboshez, Benjamin E., Harrow, England. Cinematograph apparatus. 2,029,703; Feb. 4.
- Lubrication Control Corporation. (See Booth, Harry T., assignor.)
- Lubrication Corporation, The. (See Clark, Otto B., assignor.)
- Lubrication Corporation, The. (See Creveling, John L., assignor.)
- Lubrication Corporation, The. (See Dodge, Adiel Y., assignor.)
- Lubrication Corporation, The. (See Long, Leland E., assignor.)
- Lubrication Corporation, The. (See MacIndoe, John F., assignor.)
- Lubrication Corporation, The. (See Roth, Harris C., assignor.)
- Lubrication Corporation, The. (See Tear, Harry R., assignor.)
- Lubrication Corporation, The. (See Tear, H. R., and Roth, assignors.)
- Lubriplate Corporation. (See Watts, Robert L., assignor.)
- Lubri-Zol Development Corporation, The. (See Lincoln, B. H., and Henriksen, assignors.)
- Lubri-Zol Development Corporation, The. (See Prutton, Carl F., assignor.)
- Lubri-Zol Development Corporation, The. (See Steiner, Waldo L., assignor.)
- Lubs, Herbert A. (See Calcott, W. S., Lubs, and Barnhart.)
- Lubs, Herbert A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Water-soluble diazoimino compounds and their production. 2,065,593; Dec. 29.
- Lubs, Herbert A., and A. L. Fox, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic fluorine compounds. 2,033,949; Mar. 17.
- Lubs, Herbert A., and J. E. Cole, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorinated aryl-thiazoles and their production. 2,051,145; Aug. 18.
- Lubs, Herbert A., and A. L. Fox, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ar. tetrahydro-naphthyl thioureas. 2,055,608; Sept. 29.
- Lubs, Herbert A., and A. L. Fox, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ar-tetrahydro-naphthothiazoles. 2,055,609; Sept. 29.
- Lubs, Herbert A., and A. L. Fox, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Indigoid compounds containing fluorine. 2,061,200; Nov. 17.
- Lubs, Herbert A., and A. L. Fox, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Unsymmetrical fluoro-phenyl-thioureas and preparing same. 2,061,243; Nov. 17.
- Luburg, Guy A., Snyder, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Retractable landing gear. 2,034,106; Mar. 17.
- Luburg, Guy A., Snyder, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Amphibian landing gear. 2,053,093; Sept. 1.
- Luburg, Guy A., Snyder, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation. Collapsible turtleback. 2,064,673; Dec. 15.
- Luburg, Guy A., Kenmore, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation. Amphibian landing gear. 2,064,675; Dec. 15.
- Luburg, Guy A., Snyder, E. Molloy, Buffalo, and F. E. Flader, Kenmore, N. Y., assignors, by mesne assignments, to Curtiss-Wright Corporation. Flexible flotation gear. 2,064,674; Dec. 15.
- Luby, John P., St. Paul, Minn. Stop and holder for closures. 2,048,274; July 21.
- Lucas, Henry V. (See Fetter, Edward, assignor.)
- Lucas, James H., Akron, Ohio. Apparatus for producing metallic powders. 2,053,222; Sept. 1.
- Lucas, John. (See Zabel, W. J., and Lucas.)
- Lucas, John W., Alhambra, Calif. Container for carbon dioxide blocks. 2,062,589; Dec. 1.
- Lucas, Junious G., Madrid, Iowa. Preserving the sediment test of a fluid. 2,046,566; July 7.
- Lucas, Kurt, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Deformable plate for variable condensers. 2,029,537; Feb. 4.
- Lucas, Mary M., Falls Church, Va. Infant's sleeping bag. 2,060,092; Nov. 10.



- Lucas, René, assignor to Compagnie Generale de Telegraphie Sans Fil, Paris, France. Piezo-electric quartz crystal. 2,029,729; Feb. 4.
- Lucas, William B., New York, assignor of one-half to Peter L. Wilbur, Tuckahoe, N. Y. Wrench. 2,057,899; Oct. 20.
- Luce, Albert L., Fort Valley, Ga. Window sash fastener. 2,031,897; Feb. 25.
- Luce, George E. (See Birdleough, O. T., and Luce.)
- Luce, Leonard E., Pelham, N. Y. Magnifying and condensing device. 2,051,791; Aug. 18.
- Luce, Richard W., Elizabeth, N. J., assignor to Eastman Kodak Company, Rochester, N. Y. Catadioptric unit. 2,029,929; Feb. 4.
- Luce, Stephen C., Jr., executor. (See Barnett, Charles R.)
- Luce, Wilhelm. (See Hotz, E., and Luce.)
- Luchsinger, Emil, Steinegg, Wiesendangen, assignor to Sulzer Frères Société Anonyme, Winterthur, Switzerland. Internal combustion engine scavenging system. 2,043,296; June 9.
- Lucia, Emmanuel M., et al. (See Tarkington, Wilson, assignor.)
- Lucia, Louis V., Rome, N. Y., assignor, by mesne assignments, to McGraw Electric Company, Chicago, Ill. Automatic regulating means for variable time controls. 2,036,178; Mar. 31.
- Lucia, Sam J., et al. (See Tarkington, Wilson, assignor.)
- Lucidol Corporation. (See Visser't Hooft, Franciscus, assignor.)
- Luckanich, Alexander, Binghamton, N. Y. Electric windshield defroster and wiper. 2,036,155; Mar. 31.
- Lucke, Charles E., New York, N. Y., assignor to Babcock & Wilcox Company, The, Newark, N. J. Fluid heat exchange apparatus. 2,049,455; Aug. 4.
- Lucke, Charles E., New York, N. Y., assignor to Bailey Meter Company. Vapor generator operation. 2,061,363; Nov. 17.
- Lucker, Hubert H., Detroit, Mich. Beer keg and dispensing mechanism. 2,032,024; Feb. 25.
- Luckett, William S., New York, N. Y. Fruit basket. 2,027,052; Jan. 7.
- Luckett, William S., New York, N. Y. Hoghead. 2,065,320; Dec. 22.
- Luckey, George P., assignor to Hamilton Watch Company, Lancaster, Pa. Eliminating error in time pieces. 2,037,729; Apr. 21.
- Luckie, Edward B., Chester, Pa. Method and apparatus for inserting bottles in boxes. 2,036,421; Apr. 7.
- Lucy, L. C., et al. (See Brewer, John G., assignor.)
- Ludden, Joseph, New York, N. Y. Copper pan for window and wall construction. 2,043,049; June 2.
- Ludeman, Clifford G. (See Pevere, E. F., and Ludeman.)
- Ludington, Lawrence L., assignor to Ball Brothers Company, Muncie, Ind. Pressure cooker. 2,035,901; Mar. 31.
- Ludington, Lawrence L., assignor to Ball Brothers Company, Muncie, Ind. Pressure cooker. 2,045,303; June 23.
- Ludewig, Hercul J., Pittsville, Wis. Wind power apparatus. 2,054,383; Sept. 15.
- Ludlow Typograph Company. (See Hedly, Arthur H., assignor.)
- Ludlow Valve Manufacturing Company, The. (See Lolley, W. H., and Lee, assignors.)
- Ludowici-Celadon Company. (See Mooney, Thomas F., assignor.)
- Ludowici, Wilhelm, Jockgrim/Pfalz, Germany. Roofing tile. 2,028,228; Jan. 21.
- Ludwick, Herbert V., Dearborn, Mich. Safety attachment for truck wheels. 2,049,268; July 28.
- Ludwig, Anthony, Washington, D. C. Photographic printing machine or apparatus. 2,043,928; June 9.
- Ludwig, Edgar V. (See Davison, R. L., and Ludwig.)
- Ludwig, Leon R., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric valve. 2,036,287; Apr. 7.
- Ludwig, Leon R., Wilkesburg, and J. Slepian, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rectifier and inverter. 2,064,020; Dec. 15.
- Ludwig, Leon R., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical conversion system. 2,064,021; Dec. 15.
- Ludwig, Louis, Brooklyn, N. Y. Fuse plug. 2,041,295; May 19.
- Ludwig, Louis, Brooklyn, N. Y. Electric guide lamp. 2,050,438; Aug. 11.
- Ludwig, Louis, Brooklyn, N. Y. Switch-containing cigar lighter element. 2,055,202; Sept. 22.
- Ludwig, Louis, Brooklyn, N. Y. Venting means for electric fuses. 2,065,338; Dec. 22.
- Ludwig, Nicholas M., Racine, Wis. Miter box. 2,053,569; Sept. 8.
- Ludwig, Willy. (See Bockmühl, M., and Ludwig.)
- Luebke, Raphael B., assignor to The Stacey Bros. Gas Construction Company, Cincinnati, Ohio. Gas holder shell and fabricating the same. 2,039,602; May 5.
- Luebbers, Ralph H. (See Levine, M., Galligan, and Luebbers.)
- Luebke, Fred E., Brooklyn, assignor of one-half to Herman L. Greve, Hollis, N. Y. Brake apparatus. 2,062,670; Dec. 1.
- Luedtke, Hans, Berlin, Germany. Design of keyboards or fields of sounding bodies. 2,061,364; Nov. 17.
- Lueg, Paul, Kirchstrasse, Germany. Silencing sound oscillations. 2,043,416; June 9.
- Luff, Henry J., assignor to M. A. M. Luff, Cleveland Heights, Ohio. Vacuum breaker. 2,045,479; June 23.
- Luff, Henry J., assignor to M. A. M. Luff, Cleveland Heights, Ohio. Vacuum breaker. 2,056,357; Oct. 6.
- Luff, Mary A. M. (See Luff, Henry J., assignor.)
- Lufkin Foundry & Machine Company. (See Graham, Fred, assignor.)
- Lufkin, Garland, Bridgeton, N. J., assignor to Owens-Illinois Glass Company. Glass furnace. 2,038,797; Apr. 28.
- Luff, John H., Providence, R. I. Flower holder. 2,043,297; June 9.
- Luftschiffbau Zeppelin G. m. b. H. (See Strobl, Hans, assignor.)
- Lug-Lox Flooring Company. (See Cherry, Frank W., assignor.)
- Lug-Lox Flooring Company. (See Urbain, Leon F., assignor.)
- Luhn, Hans P., New York, N. Y. Miniature building structure. 2,028,229; Jan. 21.
- Luke, John A. (See Barr, R. A., and Luke.)
- Luke, John A., Whittier, Calif. Auxiliary hub device. 2,066,046; Dec. 29.
- Luke, John W., St. Augustine, Fla. Remote control apparatus. 2,055,546; Sept. 29.
- Luke, Leo C., assignor to The Atchison Revolving Door Co., Independence, Kans. Slot closer. 2,029,882; Feb. 4.
- Luke, Thomas A. (See Getty, A. J. G., and Luke.)
- Lukemeier, William F., assignor to Peerless Manufacturing Corporation, Louisville, Ky. Gaseous fuel burner. 2,040,558; May 12.
- Lukens, Alan R., Belmont, Mass. Molding battery containers and similar open top receptacles. 2,039,096; Apr. 28.
- Lukens, Alan R., Belmont, Mass. Apparatus for testing molded articles for flow line faults. 2,052,357; Aug. 25.
- Lukens, Clarence D., St. Louis, Mo. Eyecup. 2,028,984; Jan. 28.
- Lukens, Hiram S., Philadelphia, Pa., assignor to C. Howard Hunt Pen Company, Camden, N. J. Pen. 2,039,326; May 5.
- Lukens, Hiram S., Philadelphia, Pa., assignor to C. Howard Hunt Pen Company, Camden, N. J. Pen point. 2,039,327; May 5.
- Lukens, Hiram S., Philadelphia, Pa., assignor to C. Howard Hunt Pen Company, Camden, N. J. Gold plating. 2,039,328; May 5.
- Lukens, Hiram S., Philadelphia, Pa., assignor to United Chromium, Incorporated, New York, N. Y. Control of chromium plating solutions. 2,042,611; June 2.
- Lukens, Milton J. (See French, Edward R., assignor.)
- Lund, Nels B. (See Fischer, A. J., and Lund.)
- Luker, Fred, Detroit, Mich. Combustion chamber construction for internal combustion engines. 2,041,940; May 26.
- Luks, Robert E., Paris, France. Device for supplying hot air to a furnace. 2,045,194; June 23.
- Lulek, Ralph N., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraquinone derivative. 2,049,212; July 28.
- Lulek, Ralph N., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraselenazole derivatives and making them. 2,049,213; July 28.
- Lulek, Ralph N., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Carbon compounds of the 1:9-anthra thiophene series. 2,049,214; July 28.
- Lulek, Ralph N., Milwaukee, and C. F. Belcher, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Intermediates and dyestuffs of the anthrimide type. 2,045,304; June 23.
- Lum, Philip L. S., Chatham, assignor to L. A. B. Corporation, Newark, N. J. Relay. 2,034,701; Mar. 24.
- Lum, Walter O. (See Eaton, J., and Lum.)
- Lum, Walter O., Schenectady, N. Y., assignor to General Electric Company. Pumping apparatus. 2,032,291; Feb. 25.
- Lum, Walter O., Schenectady, N. Y., assignor to General Electric Company. Heating system. 2,055,299; Sept. 22.
- Luminite Products Corporation. (See Greene, W. M., and Luther, assignors.)
- Luminous Tube Lighting Corporation. (See Killian, Thomas J., assignor.)
- Lummus Company, The. (See Collins, Raymond R., assignor.)
- Lummus Company, The. (See Coubrough, George B., assignor.)
- Lummus Company, The. (See Kraft, Wheaton W., assignor.)
- Lummus Company, The. (See Reed, Carl S., assignor.)
- Lummus Cotton Gin Company. (See Grimes, Thaddeus S., assignor.)
- Lummus Cotton Gin Company. (See Muirhead, Alfred R., assignor.)
- Lumsden, Alexander, Royal Oak, Mich., assignor to Forging and Casting Corporation. Manufacturing composite dies. 2,042,012; May 26.
- Lumsden, Colin H. (See Ellingworth, S., Haddock, Lodge and Lumsden.)
- Lumsden, Colin H. (See Haddock, N. H., Lodge, and Lumsden.)
- Lumsden, Colin H. (See Lodge, F., and Lumsden.)



- Lumsden, David, Sikeston, Mo. Thermostat. 2,057,496; Oct. 13.
- Luna, Rome A., San Francisco, Calif. Illuminated sign letter. 2,027,187; Jan. 7.
- Lund, Albert A., Port Washington, N. Y. Honey whip. 2,052,358; Aug. 25.
- Lund, Albert A., Port Washington, N. Y., assignor to California Fruit Growers Exchange, Los Angeles, Calif. Method of inducing crystallization. 2,041,197; May 19.
- Lund, Albert A., Port Washington, assignor to Royal Baking Powder Company, New York, N. Y. Flavoring material. 2,046,567; July 7.
- Lund, Arthur D., Minneapolis, Minn. Casting machine. 2,028,790; Jan. 28.
- Lund, Hans, Berlin-Schoneberg, Germany, assignor to General Electric Company. Induction motor. 2,047,831; July 14.
- Lund, James K., assignor to The Dole Valve Company, Chicago, Ill. Radiator controlling device. 2,038,435; Apr. 21.
- Lund, Nels B., Seaford, assignor to The Dorr Company, Inc., New York, N. Y. Liquid distributor. 2,029,268; Jan. 28.
- Lunday, Robert L., Aberdeen, N. C. Sharpener. 2,046,641; July 7.
- Lundbäck, Thor A. I., assignor to Aktiebolaget Mo Och Domsjö Wallboard Company, Ornskoldsvik, Sweden. Hard products and making same. 2,036,156; Mar. 31.
- Lundbäck, Thor A. I., Stockholm, assignor to Aktiebolaget Mo Och Domsjö Wallboard Company, Ornskoldsvik, Sweden. Hard board and making same. 2,037,522; Apr. 14.
- Lundberg, Everett E., Grosse Pointe Park, assignor to Briggs Manufacturing Company, Detroit, Mich. Front end construction. 2,043,050; June 2.
- Lundberg, Hans T. F. (See Zuschlag, Theodor, assignor.)
- Lundberg, Nels S. (See De Vlieg, C. B., and Lundberg.)
- Lundberg, Nels S., and C. B. De Vlieg, assignors to Turnmilling Corporation, Jackson, Mich. Milling machine. 2,036,967; Apr. 7.
- Lundborg, Bror H., and O. V. Tillberg, assignors to Aktiebolaget Nordiska Armaturfabrikerna, Stockholm, Sweden. Method of burning liquid fuel. 2,058,089; Oct. 20.
- Lunde, Odd H. (See Foss, A., Jensen, and Lunde.)
- Lundeen, Chester A. (See Grau, H. E., and Lundeen.)
- Lundeen, Chester A. (See Grau, H. E., Lundeen, and Mullinix.)
- Lundeen, Chester A., assignor to Byron Jackson Co., Los Angeles, Calif. Link retainer for well casing elevators. 2,064,930; Dec. 22.
- Lundeen, Chester A., assignor to Byron Jackson Co., Los Angeles, Calif. Slip elevator construction. 2,065,140; Dec. 22.
- Lundelius & Eccleston Motors Corporation. (See Lundelius, O. F. and Lefler, assignors.)
- Lundelius, Oscar F., and M. N. Lefler, assignors to Lundelius & Eccleston Motors Corporation, Los Angeles, Calif. Steering mechanism. 2,030,822; Feb. 11.
- Lundelius, Oscar F., and M. N. Lefler, assignors to Lundelius & Eccleston Motors Corporation, Los Angeles, Calif. Automobile spring mounting. 2,042,853; June 2.
- Lundell, Elmer W., assignor to Seyler Manufacturing Company, Pittsburgh, Pa. Apparatus for applying nuts to bolts. 2,046,520; July 7.
- Lundell, John M., and C. O. Hane, assignor to Storm Manufacturing Co., Inc., Minneapolis, Minn. Boring machine. 2,039,728; May 5.
- Lundgren, Carl E., La Porte, Ind. Collapsible tube closure. 2,055,694; Sept. 29.
- Lundgren, Carl G., Detroit, Mich. Gun sight. 2,044,855; June 23.
- Lundgren, Eric, Linganore Hills, Md. Pulverizing mill. 2,027,782; Jan. 14.
- Lundgren, Fred, River Rouge, Mich. Percolator top retainer. 2,057,155; Oct. 13.
- Lundgren, Jacob, Philadelphia, Pa. Balancing machine. 2,041,771; May 26.
- Lundgren, Jacob, assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Apparatus for balancing rotatable bodies. 2,046,294; June 30.
- Lundgren, Johan S., Superior, Wis. Milk bottle weir. 2,030,706; Feb. 11.
- Lundie Engineering Corporation, The. (See Armstrong, Levi B., assignor.)
- Lundin, Harold, and W. H. Bitner, Springfield, Ohio. Making paper pulp. 2,054,727; Sept. 15.
- Lundin, Nils E., Molle, Sweden. Anchor. 2,053,838; Sept. 8.
- Lundquist, August F., Worcester, Mass., assignor to Lundquist Tool & Mfg. Company. Brush for motors and generators. 2,029,171; Jan. 28.
- Lundquist, Joseph T. (See Britton, E. C., Perkins, and Lundquist.)
- Lundquist, Roy W., Chicago, Ill. Creating a design and article. 2,062,590; Dec. 1.
- Lundquist Tool & Mfg. Company. (See Lundquist, August F., assignor.)
- Lundquist, Walter H., Minneapolis, Minn. Football game. 2,044,506; June 16.
- Lundquist, Walter T., et al. (See Green, Ellis, assignor.)
- Lundquist, Wilton G., Glen Rock, N. J. Adjustable table. 2,041,772; May 26.
- Lundqvist, Axel E., Youngstown, Pa. Boring tool. 2,053,486; Sept. 8.
- Lundsten, Olof. (See Johnson, E. L., and Lundsten.)
- Lundstrom, Frank O., and C. W. Whittaker, Washington, D. C., dedicated to the free use of the Public. Decomposition of nitrosyl chloride. 2,038,083; Apr. 21.
- Lundy, Beverly A., Larchmont, N. Y., assignor to Railroad Accessories Corporation, New York, N. Y. Switch point connection. 2,046,568; July 7.
- Lundy, Robert R., South Bend, Ind. Drying oven. 2,049,711; Aug. 4.
- Lung, Kenneth E., Kendallville, Ind., assignor to Flint & Walling Manufacturing Company, Kendallville, Ind. Windmill. 2,049,655; Aug. 4.
- Luning, George W. (See Groene, W. F. and Luning.)
- Lunken, Edmund H., Hartsdale, and G. A. Just, Scarsdale, N. Y. Building construction. 2,053,438; Sept. 8.
- Lunkenheimer Company, The. (See Aull, Jerome J., assignor.)
- Lunkenheimer Company, The. (See Bolton, J. W., and Weigand, assignors.)
- Lunn, Charles A., New Caanan, Conn., assignor to Consolidated Edison Company of New York, Inc. Apparatus for exploring atmospheres for respiration and explosion hazards. 2,058,896; Oct. 27.
- Lunn, John A., Cambridge, Mass., assignor, by mesne assignments, to Raybestos-Manhattan, Inc., Passaic, N. J. Clutch facing and making the same. 2,058,701; Oct. 27.
- Lunnon, Frederick C., and E. H. Trump, Chelmsford, England, assignors to Radio Corporation of America. Modulated carrier wave transmitter. 2,051,493; Aug. 18.
- Lunoe, Joseph and M. C. Ranseen, Minneapolis, Minn., said Ranseen assignor to said Lunoe. Illuminating device. 2,063,451; Dec. 8.
- Luoma, John W., New York, N. Y. Time controlled switch. 2,035,712; Mar. 31.
- Lupfer, James A., Tulsa, Okla. Rotary pump. 2,039,815; May 5.
- Lupfer, James A., Tulsa, Okla. Well drilling apparatus. 2,039,816; May 5.
- Lupo, Joseph, Jr., Bronx, N. Y. Process and compound for polishing plastics. 2,062,671; Dec. 1.
- Lupton, Elmer H., Ilchester, Md. Locking means for paper board boxes. 2,028,677; Jan. 21.
- Lupton, Elmer H., Ilchester, Md. Locking and reenforcing means for paper board boxes. 2,028,678; Jan. 21.
- Lurcott, Winfred N., Elizabeth, N. J. Container cover remover. 2,053,246; Sept. 1.
- Lurie, David, Joliet, Ill., assignor to American Cynamid & Chemical Corporation, New York, N. Y. Sodium aluminate. 2,066,209; Dec. 29.
- Lurie, Erwin M., Chicago, Ill., assignor to A. V. Spinosa as trustee. Wall construction. 2,035,172; Mar. 24.
- Lüscher, Emil, Basel, assignor to Lonza Elektrizitätswerke und Chemische Fabriken Aktiengesellschaft (Gampel), Basel, Switzerland. Production of concentrated nitric acid. 2,028,402; Jan. 21.
- Luse, Harry B., Los Angeles, assignor of one-half to William H. Dunson, Inglewood, Calif. Table shuffleboard. 2,048,275; July 21.
- Lusignan, Joseph T., Jr., assignor to The Ohio Brass Company, Mansfield, Ohio. Lightning guard for transmission lines. 2,036,225; Apr. 7.
- Lusignan, Joseph T., Jr., assignor to The Ohio Brass Company, Mansfield, Ohio. Fog type insulator. 2,048,016; July 21.
- Lustig, Ludwig L., Traunik, Mich., assignor to Eclipse Machine Company, Elmira, N. Y. Centralized motor control. 2,048,130; July 21.
- Lustig, Ruben B., Kansas City, Mo. Display apparatus. 2,030,996; Feb. 18.
- Lustig, Walter R., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Making hinges. 2,053,344; Sept. 8.
- Lute, Carl, Hammond, Ind., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,027,598; Jan. 14.
- Lute, Carl, Hammond, Ind., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,028,617; Jan. 21.
- Luth, Arno J., Port Edwards, R. A. Nugent, Nekoosa, and N. H. Christian, Port Edwards, assignors to Nekoosa-Edwards Paper Company, Port Edwards, Wis. Treating pulp. 2,030,382; Feb. 11.
- Luth, Arno J., Port Edwards, R. A. Nugent, Nekoosa, and N. H. Christian, Port Edwards, assignors to Nekoosa-Edwards Paper Company, Port Edwards, Wis. Treating pulp. 2,030,383; Feb. 11.
- Luth, Arno J., Port Edwards, R. A. Nugent, Nekoosa, and N. H. Christian, Port Edwards, assignors to Nekoosa-Edwards Paper Company, Port Edwards, Wis. Bleaching pulp. 2,030,384; Feb. 11.
- Luther, Frank W., San Jose, Calif. Brush gatherer. 2,033,346; Mar. 10.
- Luther, Martin, Mannheim, and W. Dietrich, Oppau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of alcohols. 2,048,662; July 21.
- Luther, Paul E. (See Greene, W. M., and Luther.)
- Luthi, Robert, Maywood, Ill., assignor to American Can Company, New York, N. Y. Liquid dispenser. 2,061,582; Nov. 24.
- Lutkins, Ruth E. (See Eller, Arthur L., assignor.)
- Luton, John, Cleveland Heights, assignor to Consolidated Iron-Steel Mfg. Company of 1932, Cleveland, Ohio. Apparatus for making molds. 2,049,967; Aug. 4.



- Luton, John, Cleveland Heights, assignor to Consolidated Iron-Steel Mfg. Company of 1932, Cleveland, Ohio. Apparatus for making molds. 2,053,963; Sept. 8.
- Lutscheff Carl F., Schofield Barracks, Hawaii. Revolving cabinet for radios or similar devices. 2,047,516; July 14.
- Lüttge, Fritz, Leuna, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Recovery of phenols from aqueous liquors. 2,060,230; Nov. 10.
- Luttmann, William J. (See Du Brul, C. J., and Luttmann.)
- Luttrell, Charles E., Greenville, S. C. Laundry bag. 2,040,559; May 12.
- Lutz, Donald J., assignor to Wood Hydraulic Hoist & Body Company, Detroit, Mich. Hot air furnace. 2,063,321; Dec. 8.
- Lutz, Frederick W. (See Wood, W. W., and Lutz.)
- Lutz, Frederick W., Garden City, assignor to Fairchild Aerial Camera Corporation, Woodside, N. Y. Interchangeable unit camera. 2,036,061; Mar. 31.
- Lutz, Frederick W., assignor to Fairchild Aerial Camera Corporation, Woodside, N. Y. Camera positioning device. 2,036,062; Mar. 31.
- Lutz, George, Rocky River, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Anode. 2,058,702; Oct. 27.
- Lutz, George, Brooklyn, assignor to American Sealcone Corporation, New York, N. Y. Blank feeding means for receptacle body forming apparatus. 2,062,465; Dec. 1.
- Lutz, Jacob C., Memphis, Tenn. Brake beam safety support. 2,038,373; Apr. 21.
- Lutz, Raymond P., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Making and controlling a lubricating compound. 2,040,321; May 12.
- Lutzy, Harry H. (See Bly, E. W., and Lutzy.)
- Lux Clock Manufacturing Company, The. (See Lux, Paul, assignor.)
- Lux, Gottlob. (See Stolz, J., Hanke, Gottlob and Logstädt.)
- Lux, Heinz. (See Fetterowsky, E., and Lux.)
- Lux, Paul, assignor to The Lux Clock Manufacturing Company, Waterbury, Conn. Clock. 2,054,677; Sept. 15.
- Lux, Paul, assignor to The Lux Clock Manufacturing Company, Waterbury, Conn. Alarm clock. 2,062,895; Dec. 1.
- Luz, Christian, assignor to Ernst Leitz G. m. b. H., Wetzlar, Germany. Enlargement apparatus with automatic focusing device. 2,043,970; June 9.
- Luzzati, Salvatore, and C. Molinari, Turin, Italy. Wood tile for flooring and paneling. 2,044,535; June 16.
- Lvov, Peter N., Moscow, Union of Soviet Socialist Republics. Transportable electric welding device. 2,054,384; Sept. 15.
- Lycan, William H. (See Holmes, F. B., Wuertz, and Lycan.)
- Lycan, William H. (See Wuertz, A. J., and Lycan.)
- Lycan, William H., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dibenzanthrones. 2,058,477; Oct. 27.
- Lycan, William H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the violanthrone series and making the same. 2,058,606; Oct. 27.
- Lycan, William H., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Derivatives of the violanthrone series and preparing them. 2,058,607; Oct. 27.
- Lycoming Manufacturing Company. (See Hoffman, Samuel K., assignor.)
- Lycoming Manufacturing Company. (See Hoffman, S. K., and Wiegman, assignors.)
- Lyda, Erma J. (See Morneault, L., Lyda, and Niutta.)
- Lyden, Frank J., St. Louis, Mo. Condenser motor. 2,028,230; Jan. 21.
- Lyden, Frank J., Dayton, Ohio. Single phase motor. 2,033,200; Mar. 10.
- Lyden, Frank J., Dayton, Ohio. Electric motor. 2,034,950; Mar. 24.
- Lydon, Timothy, New York, N. Y. Oven and the like with heat circulating means therefor. 2,039,429; May 5.
- Lydon, Timothy, New York, N. Y. Steaming oven. 2,048,749; July 28.
- Lykken, Henry G., and J. B. Estabrook, Minneapolis, Minn. Water softening. 2,044,582; June 16.
- Lyle, Andrew E., Cambridge, Mass., assignor, by mesne assignments, to Raytheon Production Corporation. Electron discharge apparatus. 2,057,305; Oct. 13.
- Lyle, Andrew E., Cambridge, assignor to Raytheon Production Corporation, Newton, Mass. Vacuum tube. 2,058,478; Oct. 27.
- Lyle, Frederick W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric control system. 2,030,113; Feb. 11.
- Lyle, Frederick W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Relay. 2,041,079; May 19.
- Lyle, Frederick W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric control system. 2,042,234; May 26.
- Lyle, Frederick W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical system. 2,046,692; July 7.
- Lyman, Arthur L., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Converting and removing sulphur from petroleum. 2,060,091; Nov. 10.
- Lyman, Charles E., Jr., assignor to The Lyman Gun Sight Corporation, Middlefield, Conn. Gun sight. 2,037,422; Apr. 14.
- Lyman, Donald F., assignor to Eastman Kodak Company, Rochester, N. Y. Film magazine. 2,026,984; Jan. 7.
- Lyman, Donald F., and L. R. Martin, assignors to Eastman Kodak Company, Rochester, N. Y. Gauge for measuring the shrink or stretch in a film strip. 2,047,276; July 14.
- Lyman Gun Sight Corporation, The. (See Lyman, Charles E., Jr., assignor.)
- Lyman, Kenneth E., Lake Forest, Ill. Automatic clutch. 2,029,538; Feb. 4.
- Lyman, Kenneth E., Lake Forest, Ill. Automatic clutch. 2,055,178; Sept. 22.
- Lyman, Kenneth E., assignor to Automatic Transmission Company, Rockford, Ill. Automatic clutch. 2,055,177; Sept. 22.
- Lyman, Samuel E. (See Stacey, A. E., Jr., and Lyman.)
- Lyman, Wallace R., Springfield, Mass. Circuit control apparatus. 2,065,594; Dec. 29.
- Lyman, Arthur H., London, England. Door and door-frame for ovens, retorts, and the like. 2,038,051; Apr. 21.
- Lynch, Albert S., Beaver, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Tubular product and manufacture thereof. 2,065,595; Dec. 29.
- Lynch Corporation. (See Bridges, Edward G., assignor.)
- Lynch Corporation. (See Holcombe, Amasa M., assignor.)
- Lynch Corporation. (See Miller, Edward, assignor.)
- Lynch, Frank T. (See Leister, F., and Lynch.)
- Lynch, George G., Wilmington, N. C. Railway car side door. 2,039,430; May 5.
- Lynch, Harold E., assignor to The Ottawa River Paper Company, Toledo, Ohio. Display stand. 2,043,483; June 9.
- Lynch, Harry B., McKeesport, Pa., assignor to The National Tube Company. Thread cleaning machine for pipes and tubes. 2,041,005; May 19.
- Lynch, John W. (See McArdle, M. W., and Lynch.)
- Lynch, Theodore L., Southgate, and H. L. Rilling, Belleflower; said Rilling assignor to J. Warren MacClatchie, Compton, Calif., doing business as MacClatchie Manufacturing Company. Inclination indicating device. 2,046,956; July 7.
- Lynch, Therl C., Kelseyville, Calif. Spring for fruit and flower cutters. 2,046,642; July 7.
- Lynds, Fred H., North Attleboro, assignor to H. E. Sweet, Attleboro, Mass., doing business as R. F. Simmons Company. Wrist watch bracelet. 2,028,791; Jan. 28.
- Lynes, Lionel, London, England. Vehicle ventilator. 2,065,085; Dec. 22.
- Lynn, Ewing K., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Self-lapping brake valve. 2,039,729; May 5.
- Lynn, Ewing K., East McKeesport, and R. J. Bush, Jeanette, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake valve device. 2,042,112; May 26.
- Lynn, Harry S. (See Mott, G. A., and (Jones, assignor).)
- Lynn, John, Alice, Tex. Welding and grinding goggles. 2,050,890; Aug. 11.
- Lyon, Alfred J., Dayton, Ohio. Improving aluminum alloy. 2,065,534; Dec. 29.
- Lyon, Bethuel B. V., Rosemont, Pa. Antiseptic container for tooth brushes. 2,043,629; June 9.
- Lyon, Charles E. (See Windecker, C. N., and Lyon.)
- Lyon Cover Company. (See Ellenberger, Clarence M., assignor.)
- Lyon Cover Company. (See Ferguson, Arthur P., assignor.)
- Lyon Cover Company. (See Ferguson, A. P., and Schatzman, assignors.)
- Lyon Cover Company. (See Ferguson, A. P., and Short, assignors.)
- Lyon Cover Company. (See Jandus, Herbert S., assignor.)
- Lyon Cover Company. (See Jandus, H. S., and Ferguson, assignors.)
- Lyon Cover Company. (See Short, Bladen M., assignor.)
- Lyon Cover Company. (See Tinker, Herbert W., assignor.)
- Lyon, George A., Allenhurst, N. J. Treating steel. 2,059,468; Nov. 3.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Cover for spare tires of automobiles. 2,039,013; Apr. 28.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Tire cover construction. 2,042,949; June 2.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Clam shell tire cover. 2,048,400; July 21.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Multipart shove down cover. 2,048,401; July 21.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Shove down tire cover. 2,049,456; Aug. 4.
- Lyon, George A., Detroit, Mich., assignor to Lyon Incorporated. Tire cover construction. 2,049,457; Aug. 4.
- Lyon, George A., Detroit, Mich., assignor to Lyon Incorporated. Tire cover. 2,049,458; Aug. 4.



- Lyon, George A., Detroit, Mich., assignor to Lyon Incorporated. Tire cover and support therefor. 2,049,459; Aug. 4.
- Lyon, George A., Detroit, Mich., assignor to Lyon Incorporated. Tire cover and support therefor. 2,049,460; Aug. 4.
- Lyon, George A., Detroit, Mich., assignor to Lyon Incorporated. Spare tire cover. 2,049,461; Aug. 4.
- Lyon, George A., Detroit, Mich., assignor to Lyon Incorporated. Tire cover construction. 2,049,462; Aug. 4.
- Lyon, George A., assignor to Lyon Incorporated, Detroit, Mich. Tire cover. 2,060,329; Nov. 10.
- Lyon, George A., assignor to Lyon Incorporated, Detroit, Mich. Spare tire cover. 2,060,330; Nov. 10.
- Lyon, Harry, Holbrook, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 2,044,089; June 16.
- Lyon, Harry, Brockton, assignor to Heel Finisher, Inc., Boston, Mass. Heel trimming machine. 2,045,329; June 23.
- Lyon Incorporated. (See Hansen, F. D., and Tinker, assignors.)
- Lyon Incorporated. (See Lyon, George A., assignor.)
- Lyon, James, Lillooet, British Columbia, Canada. Milk can opener. 2,040,615; May 12.
- Lyon, James B., New York, assignor of one-tenth to G. H. Corey, Bayside, and nine-tenths to M. H. Lyon, New York, N. Y. Tissue packet. 2,029,245; Jan. 28.
- Lyon, Malcolm P. (See Eheler, Roy L., assignor.)
- Lyon, Margaret H., et al. (See Lyon, James B., assignor.)
- Lyon Metal Products, Incorporated. (See Bales, James E., assignor.)
- Lyon, Sidney P. (See Laddon, I. M., and Lyon.)
- Lyons, Frank F., Lodi, and E. Brundin, Montebello, Calif. System of water culture. 2,062,755; Dec. 1.
- Lyons, Frank H., Central, New Mexico, assignor to E. L. Bruce Company, Memphis, Tenn. Impregnating composition for wood and the like. 2,041,647; May 19.
- Lyons, Frank H., assignor to E. L. Bruce Company, Memphis, Tenn. Insecticide. 2,059,125; Oct. 27.
- Lyons, Frank H., Milwaukee, Wis., assignor to E. L. Bruce Company, Memphis, Tenn. Moisture resisting composition for wood and the like. 2,066,295; Dec. 29.
- Lyons, Frank H., assignor to E. L. Bruce Company, Memphis, Tenn. Finishing floors. 2,066,296; Dec. 29.
- Lyons, J. Arthur, et al. (See Klee, Henry O., assignor.)
- Lyons, Robert L., Waltham, Mass. Button sewing machine. 2,033,080; Mar. 3.
- Lyons, Sanford C., Bennington, Vt., assignor to Bird Machine Co., Walpole, Mass. Processing of moist plastic bodies. 2,032,624; Mar. 3.
- Lyons, Sanford C., Bennington, Vt., assignor to Bird Machine Co., Walpole, Mass. Method of and apparatus for separating solids from fluid suspension. 2,057,156; Oct. 13.
- Lyons, Walter, Flushing, N. Y., assignor to Hazeltine Corporation. Electric transmission circuit. 2,036,343; Apr. 7.
- Lyons, William C. (See Moore, S., and Lyons.)
- Lyons, William P., Cleveland, Ohio. Vehicle reverse brake mechanism. 2,050,759; Aug. 11.
- Lysholm, Alf, assignor to Aktiebolaget Milo, Stockholm, Sweden. Turbine for hot driving media. 2,058,479; Oct. 27.
- Lysholm, Alf, assignor to Aktiebolaget Ljungstroms Angturbin, Stockholm, Sweden. Heat transfer. 2,064,931; Dec. 22.
- Lysholm, Alf, Stockholm, and G. K. W. Boestad, Lidings, assignors to Aktiebolaget Milo, Stockholm, Sweden. Gas turbine system for aerial propulsion. 2,050,349; Aug. 11.
- Lytte, Arthur R., Flushing, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Alloy. 2,040,053; May 5.
- Lytte, Arthur R., Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Lead bronze composition. 2,040,054; May 5.
- Lytte, Arthur R., Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Copper base composition. 2,040,055; May 5.
- Lytte, Clark K., Fairfield, Ala. Nonspangled galvanized sheet. 2,034,348; Mar. 17.
- Lytte, William O., New Kensington, and E. A. Fusca, Perrysville, Pa., assignors to Duplate Corporation. Sheet loading apparatus. 2,049,850; Aug. 4.
- Lytton, Walter, Chicago, Ill. Posture measuring equipment. 2,052,099; Aug. 25.
- Lyytinen, Jalmer. (See Koehn, F. L., and Lyytinen.)
- M. & D. Display Mfg. Corporation. (See Mapson, Robert L., assignor.)
- M. & E. Manufacturing Company. (See Elliott, Harry R., assignor.)
- M. G. Car Company Limited, The. (See Charles, Hubert N., assignor.)
- M. G. Car Company Limited, The. (See Charles, H. N., and Cousins, assignors.)
- M. G. Car Company Limited, The. (See Cousins, Henry E. C., assignor.)
- M. J. B. Company. (See Bardet, George A., assignor.)
- M. J. B. Company. (See Bardet, George A. and G. V., assignors.)
- M & L Typesetting & Electrotyping Company. (See Neumann, Lester A., assignor.)
- M and M Company, The. (See McLean, John C., assignor.)
- M. M. Drives Limited. (See McPherson, Charles, assignor.)
- M. & M. Engineering Corporation. (See Moore, R. A., and Mitchell, assignors.)
- M-O Valve Company Limited, The. (See Benjamin, Mark, assignor.)
- M-O Valve Company Limited, The. (See Smithells, Colin J., assignor.)
- M & R Dietetic Laboratories, Inc. (See Otting, Herbert E., assignor.)
- Maartens, Johannes H. J. (See Mulder, J. G. W., Bruijnes, and Maartens.)
- Maartens, Johannes H. J., and J. van Maastricht, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electric discharge tube or incandescent lamp. 2,056,861; Oct. 6.
- Maas, Elov F., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Marine fender. 2,062,919; Dec. 1.
- Maas & Waldstein Co. (See Green, William T., assignor.)
- Maastricht, Jacob v. (See Maartens, J. H. J., and Maastricht.)
- Maatschappij van Berkel's Patent N. V. (See Windemuller, Jan H., assignor.)
- Mabey, Charles W., Indianapolis, Ind. Game. 2,054,516; Sept. 15.
- Mable, Todd & Company. (See Sears, Edward S., assignor.)
- MacAfee, Merrill W., Berkeley, Calif. Flotation. 2,060,815; Nov. 17.
- MacAfee, Merrill W., Berkeley, Calif. Flotation. 2,061,201; Nov. 17.
- Macallister Pipe Corporation. (See McAllaster, George R., assignor.)
- Macallum, Alexander D., Niagara Falls, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Dehydration of solutions. 2,029,826; Feb. 4.
- MacAlpine, Roderick F. (See Potter, F. H., and MacAlpine.)
- Macalpine, William W., East Orange, N. J., assignor to Communication Patents Inc., New York, N. Y. Distortionless transmission system. 2,043,587; June 9.
- Macalpine, William W., East Orange, N. J., assignor to Communication Patents, Inc., New York, N. Y. Electrical control systems. 2,049,712; Aug. 4.
- Macaulay, Joseph A., De Soto, Wis. Broadcast seeder. 2,031,540; Feb. 18.
- Macbeth, Colin, Birmingham, England. Vulcanizing press. 2,028,618; Jan. 21.
- Macbeth, Colin, Birmingham, England. Vulcanizing or similar press. 2,059,883; Nov. 3.
- Macbeth-Evans Glass Company. (See McGregor, R. R., and Tillotson, assignors.)
- MacBrair, Henry C., Jr. (See MacBrair, Henry C., and H. C., Jr.)
- MacBrair, Henry C., and H. C., Jr., Middletown, N. Y. Vulcanizing apparatus. 2,036,179; Mar. 31.
- MacBride, Duncan, Oak Bay, British Columbia, Canada. Fast freezing apparatus. 2,042,013; May 26.
- MacBurnie, Fred, Newburyport, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 2,054,942; Sept. 22.
- Maccabee, David E., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,065,596; Dec. 29.
- MacCallum, Clarence, Port Washington, N. Y. Separating apparatus. 2,058,026; Oct. 20.
- Maccarone, Fred, Brooklyn, assignor to The Del-Mac Shoe Process Corporation, New York, N. Y. Welt shoe and making same. 2,047,697; July 14.
- Maccarone, Fred, and H. L. Sutcliffe, Brooklyn, assignors to The Del-Mac Shoe Process Corporation, New York, N. Y. Shoemaking method. 2,041,360; May 19.
- MacCarthy, John D. (See Sweet, A. T., and MacCarthy.)
- MacCarthy, John D., assignor to General Manganese Corporation, Detroit, Mich. Extracting values from manganese carbonate ores. 2,044,799; June 23.
- MacCarthy, John D., Chamberlain, S. Dak., assignor to General Manganese Corporation, Detroit, Mich. Extracting values from manganese carbonate ores. 2,064,551; Dec. 15.
- MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Method of and apparatus for wrapping annular objects. 2,033,201; Mar. 10.
- MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Apparatus for baling paper pulp. 2,037,249; Apr. 14.
- MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Container and making the same. 2,042,346; May 26.
- MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Container and rim therefor. 2,047,740; July 14.
- MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Strap seal and package. 2,062,098; Nov. 24.
- MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Strap seal. 2,062,099; Nov. 24.
- MacChesney, Chester M., Chicago, and A. B. Wilson, Evanston, assignors to Acme Steel Company, Chicago, Ill. Forming a rim for containers. 2,047,213; July 14.
- Macchianich, George. (See Sheplin, E., and Macchianich.)
- MacClain, Albert L., Manchester, Conn., assignor, by mesne assignments, to United Aircraft Corporation. Engine cooling system. 2,031,541; Feb. 18.



- MacClatchie, J. Warren. (See Lynch, T. L., and Rilling, assignors.)
- MacClatchie, John W., Los Angeles, Calif. Reamer. 2,028,910; Jan. 28.
- MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company, Compton, Calif. Plug valve. 2,035,818; Mar. 31.
- Mac Clatchie, John W., assignor to Mac Clatchie Manufacturing Company, Compton, Calif. Blow-out preventer. 2,051,261; Aug. 18.
- Mac Clatchie, John W., Los Angeles, assignor to Mac Clatchie Manufacturing Company, Compton, Calif. Piston. 2,051,262; Aug. 18.
- MacClatchie Manufacturing Company. (See Cater, Earl E., assignor.)
- Mac Clatchie Manufacturing Company. (See Johnson, Glenn D., assignor.)
- Mac Clatchie Manufacturing Company. (See Mac Clatchie, John W., assignor.)
- MacColl, Le Roy A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling method and apparatus. 2,056,284; Oct. 6.
- Macconochie, Arthur F., University, Va. Grass and weed mower. 2,042,854; June 2.
- MacCubbin, Alexander A., Montclair, and J. Zavertnik, Jr., Harrington, N. J., assignors to The Barrett Company, New York, N. Y. Distillation of tar. 2,029,883; Feb. 4.
- Macdonald, Albert F., Leetsdale, Pa. Turntable. 2,049,813; Aug. 4.
- Macdonald, Alexander D., Yonkers, N. Y., assignor to Boston Blacking & Chemical Co., Boston, Mass. Thread-treating composition. 2,054,943; Sept. 22.
- Macdonald, Angus S., Hadlyme, Conn., assignor to Sneed & Company, Jersey City, N. J. Carrel unit. 2,034,261; Mar. 17.
- MacDonald, Clifford K., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and apparatus for making casts. 2,057,039; Oct. 13.
- MacDonald, Clifford K., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting shoes. 2,057,040; Oct. 13.
- MacDonald, Don E. (See Chapin, H. H., and MacDonald.)
- MacDonald, Elizabeth P., and N. W. Stenglein, Saginaw, Mich. Cleaning and coating surfaces. 2,032,372; Mar. 3.
- MacDonald, Frank J., Brookline, assignor to Hood Rubber Company, Inc., Waterstown, Mass. Margin-coating method and apparatus. 2,046,199; June 30.
- MacDonald, George S., assignor to Spencer Lens Company, Buffalo, N. Y. Nosepiece for microscopes. 2,062,034; Nov. 24.
- MacDonald, Herbert C., Wollaston, Mass. Toilet seat and cover. 2,047,480; July 14.
- MacDonald, Ian, Modesto, Calif. Ball retriever. 2,027,546; Jan. 14.
- MacDonald, James E., Pittsburgh, Pa. Checker for blast furnace stoves. 2,034,820; Mar. 24.
- MacDonald, James E., Pittsburgh, Pa. Tilting furnace. 2,044,090; June 16.
- MacDonald, James E., Pittsburgh, Pa. Furnace structure. 2,058,810; Oct. 27.
- Macdonald, John G., Toronto, Ontario, Canada. Electric fan. 2,037,250; Apr. 14.
- MacDonald, John V., Watertown, assignor to Arthur D. Little, Incorporated, Cambridge, Mass. Urea-formaldehyde condensation process. 2,034,479; Mar. 17.
- Macdonald, Laurie S., and J. E. Small, assignors to Thompson Bros. Shoe Co., Brockton, Mass. Shoe. 2,061,540; Nov. 17.
- Macdonald, Laurie S., and O. N. Johnson, assignors to Thompson Bros. Shoe Co., Brockton, Mass. Sole for boots and shoes. 2,061,539; Nov. 17.
- Macdonald, Lester S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for use in the manufacture of shoes. 2,026,641; Jan. 7.
- Macdonald, Lester S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon sheet material. 2,027,445; Jan. 14.
- MacDonald, Mayhew L., and A. Vida, assignors of one-third to G. S. MacGruer, San Francisco, Calif. Building material. 2,040,863; May 19.
- MacDonald, Raymore D., Western Springs, Ill., assignor to International Harvester Company. Grinding mill. 2,059,377; Nov. 3.
- Macdonald, Robert, Chicago, Ill. Switch and lock device. 2,057,532; Oct. 13.
- MacDonald, William R., Dundee, assignor to J. W. Nicol, Carnoustie, Scotland. Dry cleaning or washing apparatus. 2,037,523; Apr. 14.
- MacDonald, William T. (See Rose, E. H., and MacDonald.)
- MacDonald, William W., Chicopee, Mass. Water bag. 2,055,695; Sept. 29.
- MacDonell, John R., Falconbridge, Ontario, Canada. Detachable bit for drills and the like. 2,047,698; July 14.
- MacDonough, Frank L. (See Weinmann, C., and MacDonough.)
- MacDonough, John V. (See Buron, H. A., and MacDonough.)
- MacDougall, Bon, assignor to F. C. McClellan, Chicago, Ill. Game apparatus. 2,029,177; Jan. 28.
- MacDougall, Bon, Los Angeles, Calif., assignor to F. C. McClellan, Chicago, Ill. Game apparatus. 2,035,271; Mar. 24.
- MacDougall, Harry W. (See Elmer, L. A., and MacDougall.)
- MacEachen, Roderick, Morgantown, W. Va. Ankle-tread tractor. 2,053,294; Sept. 8.
- MacEwan, William R. (See Villa, J. I., and MacEwan.)
- MacFarland, Allis M., assignor to The Youngstown Welding & Engineering Co., Youngstown, Ohio. Steel shaft for golf clubs. 2,033,722; Mar. 10.
- MacFarlane, Charles A., White Plains, N. Y., assignor to Eastern Manufacturing Company, South Brewer, Maine. Color harmony testing means. 2,045,990; June 30.
- MacFarlane, Harry A., Marinette, Wis. Automobile body. 2,039,233; Apr. 28.
- Macfarlane, Robert F., Osterley, England, assignor to Baker Perkins Company Inc., Saginaw, Mich. Discharging mechanism for pans or trays. 2,037,808; Apr. 21.
- Macfarlane, Robert F., Osterley, England, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Machine for discharging biscuits from pans. 2,046,832; July 7.
- MacFarlane, Scott B., and R. E. Jasperson, U. S. Navy. Gyroscope sextant. 2,036,288; Apr. 7.
- MacGaffey, Wyatt, Rockford, Ill. Display window. 2,034,725; Mar. 24.
- MacGlashan, Lionel C., Detroit, Mich. Diaper. 2,059,956; Nov. 3.
- MacGregor, Bertha L. (See Gardner, T. J., and Vochoska, assignors.)
- MacGregor Instrument Company. (See Allphin, Willard J., assignor.)
- MacGregor, John R. (See Folsom, L. T., and MacGregor.)
- MacGregor, John R., Albany, L. T. Folsom, Berkeley, and S. H. Edwards, Richmond, assignors to Standard Oil Company of California, San Francisco, Calif. Thermostat control for gas burners. 2,037,582; Apr. 14.
- MacGregor, Roderick M. (See Peter, L. H., and MacGregor.)
- MacGregor, Wallace F., assignor to J. I. Case Company, Racine, Wis. Baling press. 2,042,612; June 2.
- MacGregor, Wallace F., assignor to J. I. Case Company, Racine, Wis. Combination pick-up and baler. 2,048,940; July 28.
- MacGruer, George S. (See MacDonald, M. L., and Vida, assignors.)
- Machek, Johan, Waukegan, Ill. Horological device. 2,061,665; Nov. 24.
- Machined Steel Casting Company, The. (See Hick, Harry J., assignor.)
- Machinery Development Company. (See Johnson, William C., assignor.)
- Machlet, George A. F., Elizabeth, N. J. Electric regulator for furnaces and other apparatus. 2,056,285; Oct. 6.
- Machotka, Adolf, Uvalde, Tex. Grater. 2,048,750; July 28.
- Macht, Maurice L., Jersey City, N. J., assignor to Dupont Viscoidol Company, Wilmington, Del. Preparation of molded articles. 2,044,585; June 16.
- Macht, Maurice L., Jersey City, and A. F. Randolph, Montclair, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing resin compositions. 2,056,793; Oct. 6.
- Macht, Maurice L., Jersey City, and A. F. Randolph, Montclair, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Resin compositions and preparing same. 2,056,794; Oct. 6.
- Macht, Maurice L., Jersey City, and A. F. Randolph, Montclair, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose ether compositions and preparing same. 2,056,795; Oct. 6.
- Macht, Maurice L., Jersey City, and A. F. Randolph, Montclair, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyvinyl resin compositions and preparing same. 2,056,796; Oct. 6.
- Macht, Maurice L., Jersey City, and A. F. Randolph, Montclair, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose ester compositions and preparing same. 2,056,797; Oct. 6.
- MacIldowie, John C., Nashua, N. H., assignor to Johns-Manville Corporation, New York, N. Y. Moisture and heat resistant article and making the same. 2,035,970; Mar. 31.
- MacIlvain, Herbert. (See Mull, J. Z., Sr., and MacIlvain.)
- MacIndoe, John F., Philadelphia, Pa., assignor to The Lubrication Corporation, Chicago, Ill. Pressure fitting for lubrication. 2,059,701; Nov. 3.
- MacIntosh, Charles L., Attleboro, Mass., assignor to S. O. Bigney & Company. Bracelet. 2,046,079; June 30.
- Mack, Albert R. (See Smith, W. A., Sr., and Mack.)
- Mack, Charles, Sarnia, Ontario, Canada, assignor to Standard Oil Development Company. Asphalts of low susceptibility to temperature change. 2,062,366; Dec. 1.
- Mack, Edward D., St. Louis, Mo. Braking mechanism. 2,064,553; Dec. 15.
- Mack, Henry R., Philadelphia, Pa. Joint for structural toys. 2,063,895; Dec. 15.
- Mack, Luther L., South Pasadena, Calif., assignor to U. S. Postal Meter Corporation. Postage meter. 2,032,488; Mar. 3.
- Mack, Mortimer J., Summit, N. J. Necktie lining. 2,049,743; Aug. 4.



- Mack, Perry E., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Carburetor. 2,063,107; Dec. 8.
- Mack, Robert T., trustee. (See Edelman, Philip E., assignor.)
- MacKay, Charles W. (See Slagter, A. J., and MacKey.)
- MacKay, George J., Kingston, Ontario, Canada. Ore extraction. 2,028,940; Jan. 28.
- Mackay, Robert, Chicago, Ill. Production of multi-color-printing plates. 2,060,816; Nov. 17.
- Macke, Clarence E., Baltimore, Md. Treating fatty oils to remove off taste and stabilize same against rancidity. 2,058,162; Oct. 20.
- Mackenzie, Alexander S., Houston, Tex., assignor, by mesne assignments, to Elk City Cotton Oil Company. Burr extractor. 2,033,081; Mar. 3.
- Mackenzie, Alexander S., Houston, Tex., assignor, by mesne assignments, to Elk City Cotton Oil Company. Burr extractor. 2,033,082; Mar. 3.
- Mackenzie, Alexander S., Houston, assignor to Abilene Cotton Oil Company, Abilene, Tex. Apparatus for separating and cleaning material. 2,053,038; Sept. 1.
- Mackenzie, Duncan G., Ilford, England. Internal combustion engine of the two-stroke type. 2,042,722; June 2.
- MacKenzie, Effie L., administratrix. (See MacKenzie, Fred L.)
- Mackenzie, Franklin H., Bywood, assignor to American Chemical Paint Company, Ambler, Pa. Chemical cleaning process. 2,042,347; May 26.
- MacKenzie, Fred L., deceased, by E. L. MacKenzie, administratrix, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting machine. 2,028,840; Jan. 28.
- MacKenzie, Fred L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel seat fitting machine. 2,053,295; Sept. 8.
- MacKenzie, Fred L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Nail-supplying apparatus. 2,053,345; Sept. 8.
- MacKenzie, John A., Vancouver, British Columbia, Canada. Brake tester. 2,048,875; July 28.
- MacKenzie, Joseph B., Erie, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Incorporated. Mechanical stoker. 2,036,590; Apr. 7.
- MacKenzie, Norman M., Redwood City, Calif. Clean-out pump for dental handpieces. 2,039,177; Apr. 28.
- MacKenzie, Roy J., assignor to Buffalo Pressed Steel Company, Buffalo, N. Y. Connection for tubular members. 2,034,349; Mar. 17.
- MacKenzie, Roy J., and L. L. Haas, assignors to Buffalo Pressed Steel Company, Buffalo, N. Y. Muffler construction. 2,055,661; Sept. 29.
- MacKenzie, Roy J., and L. L. Haas, Buffalo, assignors to Buffalo Pressed Steel Company, Buffalo, N. Y. Muffler. 2,065,232; Dec. 22.
- MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe cementing machine. 2,036,289; Apr. 7.
- MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating machine. 2,045,715; June 30.
- MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating applying machine. 2,046,421; July 7.
- MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Nozzle for shoe coating machines. 2,056,325; Oct. 6.
- MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating applying machine. 2,064,932; Dec. 22.
- Mackey, Clarence H., Lancaster, N. Y. Sign. 2,051,451; Aug. 18.
- Mackin, Thomas A., Wilkes-Barre, Pa. Apparatus for cleaning vehicles. 2,057,388; Oct. 13.
- Mackinner Corporation. (See McFarlane, M. D., and Kinn, assignors.)
- MacKinnon, Charles, Plymouth, assignor to Plymouth Cordage Company, North Plymouth, Mass. Rope. 2,055,037; Sept. 22.
- MacKinnon, Frances R. (See Kohler, H. S., and MacKinnon.)
- Mackintosh, William B. (See Giesler, J. V., and Mackintosh.)
- Mackintosh, William B., Wabash, Ind., assignor to The Fulton Syphon Company, Knoxville, Tenn. Thermostatically controlled oil valve. 2,046,643; July 7.
- Mackintosh, William B., assignor to The Fulton Syphon Company, Knoxville, Tenn. Thermostat regulating apparatus. 2,047,878; July 14.
- Macklanburg, Louis A., Oklahoma City, Okla. Apparatus for and method of loading guns for dispensing viscid or semi-liquid materials. 2,031,495; Feb. 18.
- Macklanburg, Louis A., Oklahoma City, Okla. Cartridge. 2,037,989; Apr. 21.
- Mackler, Albert I., Jamaica, N. Y. Film treatment process. 2,053,621; Sept. 8.
- Macklin, Justin W., trustee. (See Husted, Harry A., assignor.)
- Macklin, Justin W., trustee. (See Rodman, Clarence A., assignor.)
- Mackowski, Leon L., Bradford, Pa., assignor to Oil Well Supply Company, Dallas, Tex. Well packer. 2,064,552; Dec. 15.
- Mackrell, Goyn D., Brooklyn, N. Y. Paper manufacture. 2,027,741; Jan. 14.
- Macksoud, Michel, St. Albans, N. Y., assignor to The Electron Corporation, East Orange, N. J. Combined amplifying and rectifying system. 2,047,879; July 14.
- MacLachlan, John C., assignor to H. L. Perlman, Chicago, Ill. Spraying apparatus for liquid and semiliquid material. 2,047,699; July 14.
- MacLaren, Albert S., Omaha, Nebr. Rotary offset press. 2,048,801; July 28.
- MacLaren, Frederick H., Calumet City, assignor to Standard Oil Company, Chicago, Ill. Manufacture of pour point depressors. 2,030,307; Feb. 11.
- MacLaren, Frederick H., Calumet City, assignor to Standard Oil Company, Chicago, Ill. Synthetic lubricating oils. 2,030,832; Feb. 11.
- MacLaren, Frederick H., Calumet City, assignor to Standard Oil Company, Chicago, Ill. Castor oil composition. 2,034,405; Mar. 17.
- MacLaren, Frederick H., Calumet City, Ill., and T. E. Stockdale, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Method of manufacturing pour point depressors. 2,057,104; Oct. 13.
- MacLaren, George I., assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Electrical shield. 2,036,709; Apr. 7.
- MacLaren, James G., San Francisco, Calif. Pneumatic dispatch carrier. 2,053,671; Sept. 8.
- MacLaren, Stanley F. M. (See Snyder, F. H., and MacLaren, assignors.)
- MacLaurin, John, Ware, Mass. Making decalcomania papers. 2,036,422; Apr. 7.
- MacLaurin, John, Ware, Mass. Decalcomania paper. 2,038,118; Apr. 21.
- MacLaurin, John, Ware, Mass. Decalcomania paper. 2,047,700; July 14.
- MacLean, Allen D., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Gas furnace controlling mechanism. 2,054,481; Sept. 15.
- MacLean, Allen D., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Gas meter. 2,065,007; Dec. 22.
- MacLean, Allen D., and C. B. Johnson, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Flow indicating meter. 2,052,720; Sept. 1.
- MacLean-Fogg Lock Nut Company. (See MacLean, John A., assignor.)
- MacLean, J. Showles, assignor to Solder-Seal Corporation, Toledo, Ohio. Bonding. 2,035,241; Mar. 24.
- MacLean, John A., assignor to MacLean-Fogg Lock Nut Company, Chicago, Ill. Floor clip. 2,030,216; Feb. 11.
- Maclean, Leonard A., Reading, Mass. Labeling implement. 2,042,671; June 2.
- Maclean, Leonard A., Reading, Mass. Mount for cards, etc. 2,042,672; June 2.
- MacLellan, William J., Los Angeles, Calif., assignor, by mesne assignments, to I. A. Simon, Pittsburgh, Pa. Hydraulic steering stabilizer. 2,058,384; Oct. 20.
- MacLennan, Duncan T. S., Balham, London, assignor to Germint Limited, London, England. Electrically-operated cigarette lighter. 2,030,011; Feb. 4.
- MacLeod, Alexander, Bronx, N. Y. Structural material. 2,035,902; Mar. 31.
- MacLeod, Cameron, et al, trustees. (See Dahl, Edward T., assignor.)
- MacLeod, Cyrus M., Waverley, Mass. Electric hand saw. 2,064,676; Dec. 15.
- MacLeod, Donald K. (See Kahn, J., and MacLeod.)
- MacLeod, Donald K., assignor to Truscon Steel Company, Youngstown, Ohio. Ventilator. 2,051,613; Aug. 18.
- MacLeod, Eldon, et al, trustees. (See Dahl, Edward T., assignor.)
- MacLeod, Eldon, trustees, et al. (See Colby, Harold L., assignor.)
- MacLeod, Lester R., Ardsley, assignor to Anaconda Wire & Cable Company, New York, N. Y. Taping mechanism. 2,043,051; June 2.
- MacLeod, William J., Detroit, Mich., assignor to Backstay Welt Co. Welt. 2,063,611; Dec. 8.
- Macmar Corporation. (See McKee, R. H., and Winter, assignors.)
- MacMillan, Bruce S., East Windsor, Ontario, Canada. Barrel. 2,039,817; May 5.
- Macmillan, John, assignor to Macmillan Tyre Trust Limited, London, England. Pneumatic tire. 2,037,640; Apr. 14.
- Macmillan Tyre Trust Limited. (See Macmillan, John, assignor.)
- MacMillin, Howard F., Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Radial plunger pump. 2,045,330; June 23.
- MacMillin, Howard F., Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Hydraulic cellulose steeping press. 2,053,570; Sept. 8.
- MacMullin, Robert B. (See Cunningham, G. L., MacMullin, and Robson.)
- MacMullin, Robert B., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Chemical manufacture. 2,037,809; Apr. 21.
- MacMullin, Robert B., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of the oxide and the chloride of magnesium. 2,039,653; May 5.



- MacMullin, Robert B., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Process and apparatus for converting a bicarbonate into a carbonate. 2,055,084; Sept. 22.
- MacMurray, Gilbert C., Calgary, Alberta, Canada. Golf bag. 2,047,079; July 7.
- Macneil, Paul H., Huntington, N. Y. Direct current amplifier. 2,043,107; June 2.
- MacNerland, William, assignor to Air-Zone Stoker Company, Chicago, Ill. Stoking device. 2,059,431; May 5.
- Macomic, Chester A. (See White, George H., assignor.)
- Macomic Corporation. (See White, George H., assignor.)
- Macotta Unit Corporation. (See Maul, Peter J., assignor.)
- MacPherson, Albert A., Five Dock, near Sydney, New South Wales, Australia. Implement handle. 2,028,291; Jan. 21.
- Mac Pherson, Earle S., Grosse Pointe Park, and J. J. Funke, assignors to Hupp Motor Car Corporation, Detroit, Mich. Motor vehicle construction. 2,051,263; Aug. 18.
- Macpherson, Hugh W., Montreal, assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Automatic valve control mechanism for fluid distributing systems. 2,044,437; June 16.
- MacQueen, Malcolm D., et al. (See Smith, Arthur R., assignor.)
- Macrae, James N., Stamford, Conn. Heating apparatus. 2,054,162; Sept. 15.
- Macready, George A., Los Angeles, Calif. Method and apparatus for obtaining fluid samples from drilled wells. 2,040,619; May 12.
- Macready, John A., and De W. H. Wyatt, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,051,874; Aug. 25.
- MacSulphur Corporation. (See McQuiston, Raymond C., assignor.)
- MacTaggart, Edmonds F., London, and O. Margetson, Lancashire, England. Process and apparatus for the manufacture of plasterboard. 2,051,452; Aug. 18.
- MacTaggart, Edmonds F., London, and O. Margetson, Gateacre, England. Apparatus for use in cutting sheet material into sections of predetermined length. 2,051,453; Aug. 18.
- Macy, Albert J., Evanston, assignor to Macy Art Process Corporation, Chicago, Ill. Color screen device. 2,032,139; Feb. 25.
- Macy Art Process Corporation. (See Macy, Alfred J., assignor.)
- Macy, William G. (See Whitmer, R. P., and Macy.)
- Madan, Philip K., New York, N. Y. Dispensing device. 2,049,851; Aug. 4.
- Madaus Dr. & Co. (See Madaus, Gerhard, assignor.)
- Madaus, Gerhard, Dresden, assignor to Dr. Madaus & Co. Radebeul-Dresden, Germany. Preserving vegetable matter. 2,065,863; Dec. 29.
- Madden, Charles L. (See Hersey, A. J., and Madden.)
- Madden, Harry M. (See Stinsman, Edgar S., assignor.)
- Madden, James A. (See Pearson, H. B., England, and Madden.)
- Madden, Jesse F. (See Holley, P., and Madden.)
- Maddock, Albert G., Detroit, Mich. Calendar. 2,051,264; Aug. 18.
- Maddock, Thomas, Phoenix, Ariz. Truss or bridge. 2,030,262; Feb. 11.
- Maddocks, Charles B. (See Langwell, H., and Maddocks.)
- Maddocks, Harmon R. (See Haskell, Frederick F., assignor.)
- Maddocks, Harmon R., Boothbay Harbor, Maine. Air conditioning apparatus. 2,054,292; Sept. 15.
- Maddux, Forrest E., Cincinnati, Ohio. Spring mattress. 2,033,841; Mar. 10.
- Maddux, Homer, Kokomo, Ind. Clincher roofing clip. 2,060,739; Nov. 10.
- Maden, James E., Jr., Delaware City, Del. Golf tee. 2,051,734; Aug. 18.
- Madenwald, Frederic A., and N. J. Beno, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Sealing composition. 2,037,913; Apr. 21.
- Mader, Emil A., assignor of one-half to J. Spargo, Detroit, Mich. Louver construction. 2,061,162; Nov. 17.
- Mader, Lewis H., assignor to Graton & Knight Company, Worcester, Mass. Buckle. 2,065,946; Dec. 29.
- Madge, Evelyn W., and E. A. Murphy, Wylde Green, Birmingham, and F. J. Payne, Erdington, Birmingham, assignors to Dunlop Rubber Company Limited, London, England. Making rubber articles. 2,035,819; Mar. 31.
- Madge, Evelyn W., Wylde Green, Sutton Coldfield, F. B. Jones, Handsworth, and D. Parkinson, Erdington, Birmingham, England, assignors to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Pneumatic tire. 2,056,012; Sept. 29.
- Madison, Jennie M., executrix. (See Madison, John O.)
- Madison, John O., Brooklyn, N. Y.; J. M. Madison executrix of said J. O. Madison, deceased. Articulated car construction. 2,051,958; Aug. 25.
- Madison, John O., Brooklyn, N. Y., J. M. Madison, executrix of said J. O. Madison, deceased. Trussed-sheet construction. 2,052,984; Sept. 1.
- Madison-Kipp Corporation. (See Korsmo, Torbjorn C., assignor.)
- Madison, Louis, Brooklyn, N. Y. Collar clasp. 2,030,997; Feb. 18.
- Madison, William F., Rochester, N. Y. Four-point pitching horseshoe. 2,059,378; Nov. 3.
- Madland, Gabriel. (See Vegren, C. R., Beauchamp, and Madland.)
- Madland, Gabriel, Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,027,242; Jan. 7.
- Madland, Gabriel, Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Metallic car door. 2,038,052; Apr. 21.
- Madland, Gabriel, Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Metallic car door. 2,041,006; May 19.
- Madland, Thorvald. (See Tobin, K. J., and Madland.)
- Madland, Thorvald, Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,027,599; Jan. 14.
- Madland, Thorvald, Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,041,007; May 19.
- Madland, Thorvald, assignor, by mesne assignment, to The Youngstown Steel Door Company, Cleveland, Ohio. Lift door. 2,047,421; July 14.
- Madle, Alain, Bristol, Conn., assignor to Erban Operating Corporation, New York, N. Y. Power transmission mechanism. 2,060,884; Nov. 17.
- Madle, Alain, Bristol, Conn., assignor to Erban Operating Corporation, New York, N. Y. Rotary pump. 2,065,008; Dec. 22.
- Madorin, Harry L., Chicago, Ill. Submerged water heater. 2,046,569; July 7.
- Madsen Iron Works, Ltd. (See Madsen, M., Ziegler, Parrot, and Ruth, assignors.)
- Madsen, Louis P. G., North Troy, and G. A. Wallin, Flushing, assignors to Cluett, Peabody & Co., Inc., Troy, N. Y. Shirt arrangement. 2,063,255; Dec. 8.
- Madsen, Martin, A. H. Ziegler, H. B. Parrot, and H. M. Ruth, assignors to Madsen Iron Works, Ltd., Huntington Park, Calif. Electrically controlled automatic weighing device for paving plants. 2,038,746; Apr. 28.
- Madsen, Oscar T. S., Scandia Vabis, Sodertalje, Sweden, assignor of one-fifth to D. Hoglund, New York, N. Y. Tooth setting device for band saw blades. 2,057,439; Oct. 13.
- Madsen, Paul S. (See Crowley, C. J., and Madsen.)
- Madsen, Paul S. (See De Laney, W. W., and Madsen.)
- Madsen, Sern, assignor to G. L. and E. J. Curtis and C. A. Armstrong, Clinton, Iowa. Adjusting hardware for sashes and the like. 2,048,131; July 21.
- Madsen, Sern, assignor to G. L. and E. J. Curtis and C. A. Armstrong, Clinton, Iowa. Panel construction. 2,048,132; July 21.
- Madsen, Sern, assignor to G. L. Curtis, E. J. Curtis and C. A. Armstrong, Clinton, Iowa. Storm and auxiliary sash hanger. 2,051,341; Aug. 18.
- Madsen, Tage, Goteborg, Sweden. Piston ring. 2,047,590; July 14.
- Madsen, Tage, Goteborg, Sweden. Piston packing ring in sectors. 2,055,153; Sept. 22.
- Maeda, Rinsai, Seattle, Wash. Cover for containers. 2,058,608; Oct. 27.
- Magath, Isaac, Bronx, assignor to Uni-Print Corporation, New York, N. Y. Fabric printing machine. 2,035,137; Mar. 24.
- Magaton, Silvio, New York, N. Y. Smoke and dust absorbing apparatus. 2,040,700; May 12.
- Magazine Repeating Razor Company. (See Camfield, William H., assignor.)
- Magazine Repeating Razor Company. (See Kuhn, Leopold K., assignor.)
- Magazine Repeating Razor Company. (See Rodrigues, O. V., and Kuhn, assignors.)
- Magazine Repeating Razor Company. (See Rodrigues, Octavius V., assignor.)
- Magdziarz, George F., assignor to Resistelite Corporation, Chicago, Ill. Making resistance units. 2,056,928; Oct. 6.
- Magee, Carl C., assignor to Dual Parking Meter Company, Oklahoma City, Okla. Parking meter. 2,039,544; May 5.
- Magee, Walter A., East Rockaway, N. Y. Interlock connection for piling. 2,054,203; Sept. 15.
- Magg, Joseph, Zurich, Switzerland. Number-printing apparatus for printing machinery. 2,057,620; Oct. 13.
- Maggenti, Alberto L., San Francisco, Calif. Vented fluid controlling valve. 2,046,474; July 7.
- Magill, Herbert L., Chicago, Ill. Liquid dispensing device. 2,060,512; Nov. 10.
- Magill, Paul LaF., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Rubber latex compositions. 2,037,423; Apr. 14.
- Magill, Paul L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Cellulose acetate compositions. 2,047,919; July 14.
- Magill, Rowland, Atlanta, Ga., assignor to The M. Werk Company, Cincinnati, Ohio. Treating textile materials. 2,063,176; Dec. 8.
- Magill, Wilbur S., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing apparatus. 2,042,538; June 2.
- Magill-Weinsheimer Company. (See Rasmussen, Frank H., assignor.)
- Magirus, C. D., Aktiengesellschaft. (See Hummel, Wilhelm A., assignor.)



- Magis, Auguste, Paris, France, assignor to The Superheater Company, New York, N. Y. Boiler feed regulator. 2,032,426; Mar. 3.
- Magna Products Corp. (See Golden, Harry, assignor.)
- Magnador Mfg. Co. (See Weathers, Warren F., assignor.)
- Magnavox Company, The. (See Henrikson, Carl G., assignor.)
- Magnavox Company, The. (See Hinchey, Donald T., assignor.)
- Magnavox Company, The. (See Lilienfeld, Julius E., assignor.)
- Magne, Ernst J. O., Visby, Sweden. Sowing machine. 2,040,210; May 12.
- Magnesen, Charles D. and H., assignors to The Magnesen Seal and Closure Company, Chicago, Ill. Closure for bottles, jars, and similar containers. 2,045,480; June 23.
- Magnesen, Hooker. (See Magnesen, Charles D. and H.)
- Magnesen Seal and Closure Company, The. (See Magnesen, C. D. and H., assignors.)
- Magnesium Development Corporation. (See Beck, Adolf, assignor.)
- Magnesium Development Corporation. (See Michel, Josef M., assignor.)
- Magnesium Development Corporation. (See Moschel, Wilhelm, assignor.)
- Magnesium Development Corporation. (See Paine, Roy E., assignor.)
- Magnesium Development Corporation. (See Schmidt, W., and Altwicker, assignors.)
- Magnesium Development Corporation. (See Schmidt, W., and Beck, assignors.)
- Magnesium Development Corporation. (See Schmidt, W., Spitaler, and Schultze, assignors.)
- Magnesium Development Corporation. (See Suchy, Robert, assignor.)
- Magnesium Development Corporation. (See Wagner, Karl F., assignor.)
- Magnesium Development Corporation. (See Wood, Robert T., assignor.)
- Magnesium Products, Inc. (See Kemmer, Frank R., assignor.)
- Magnetic Analysis Corporation. (See Zuschlag, Theodor, assignor.)
- Magnetic Gauge Company, The. (See Schuster, Paul B., assignor.)
- Magnien, Raymond, Paris, France, assignor to Société: Assurex, Le "Roi des Verres de Sécurité" Magnien, Monnier et Cie., and L. A. E. Petit. Electric furnace for heating sheets of plate glass or sheet glass before tempering. 2,055,981; Sept. 29.
- Magnilite Sign Corporation, The. (See Bone, Evan P., assignor.)
- Magnuson, Roy M., assignor to Food Machinery Corporation, San Jose, Calif. Spray pump. 2,038,747; Apr. 28.
- Magnusson, Joseph, New York, N. Y., assignor, by mesne assignments, to Pneumatic Scale Corporation, Limited, Quincy, Mass. Pad for labeling machines. 2,035,971; Mar. 31.
- Magor Car Corporation. (See Cartzdafner, Roy E., assignor.)
- Magor Car Corporation. (See Cartzdafner, R. E., and Williams, assignors.)
- Magos, John P. (See Olson, C. A., and Magos.)
- Magoun, George L., and D. H. Tompkins, Nitro, W. Va., assignors, by mesne assignments to Monsanto Chemical Company, Wilmington, Del. Inhibitor for pickling of metals. 2,051,218; Aug. 18.
- Magrath, George H., Whitinsville, Mass. Spinning spindle. 2,051,641; Aug. 18.
- Magrath, George H., Whitinsville, Mass. Spinning spindle. 2,051,642; Aug. 18.
- Magro, Ralph, Jersey City, assignor, by mesne assignments, to J. Lipack and G. Yamin, Bayonne, N. J. Electric clock mechanism. 2,058,609; Oct. 27.
- Maguire, Charles L., Yreka, Calif. Combination faucet and drinking fountain. 2,040,391; May 12.
- Maguire, Garnet A., St. John, New Brunswick, Canada. Pipe construction. 2,040,019; May 5.
- Maguire, William, New York, N. Y. Bottle holder. 2,048,612; July 21.
- Magyar Ruggyantaáruggyár Reszvenytársaság. (See Dorogi, Istvan, and L., assignors.)
- Mahaffey, Lawrence K., Columbus, Ohio. Preventing formation of ice on aircraft. 2,046,521; July 7.
- Mahaffey, Richard, Myerstown, Pa. Rotor with spark gap. 2,037,524; Apr. 14.
- Mahan, Joseph R., assignor to The National-Superior Company, Toledo, Ohio. Pumping jack. 2,046,274; June 30.
- Mahan, Joseph R., assignor to The National-Superior Company, Toledo, Ohio. Walking beam. 2,046,275; June 30.
- Mahaney, Guy A., Eva, W. Va. Oil well cup saver. 2,035,326; Mar. 24.
- Mahany, Augustus M., Redwood City, Calif., assignor to American Telephone and Telegraph Company. Coin chute. 2,035,559; Mar. 31.
- Mahler, George T. (See Handwerk, E. C., and Mahler.)
- Mahler, William, assignor to U. S. Slicing Machine Company, La Porte, Ind. Bread slicer. 2,045,481; June 23.
- Mahlman, Osborne L. (See Benner, R. C., Mahlman, and Rossow.)
- Mahlstedt, John F., Los Angeles, assignor of one-half to Scheu Products Company, Limited, Upland, and one-half to California Orchard Heater Company, Los Angeles, Calif. Orchard heater. 2,050,760; Aug. 11.
- Mahne, Irving H. (See Rotter, L. C., and Mahne.)
- Mahon, Clarence A., Kansas City, Mo. Fan. 2,028,985; Jan. 28.
- Mahon, R. C., Company, The. (See Bingman, Frederick P., assignor.)
- Mahoney, Henry C., Thornton Heath, England. Screen for optical projections. 2,060,817; Nov. 17.
- Mahoney, John P., and L. E. Long, assignors to Bendix Aviation Corporation, South Bend, Ind. Separator. 2,064,554; Dec. 15.
- Maier, Albert, Friedrichshafen, assignor to Zahnradfabrik Friedrichshafen Aktiengesellschaft, Friedrichshafen Bodensee, Germany. Freewheeling device for motor vehicles. 2,028,512; Jan. 21.
- Maier, Albert, assignor to Zahnradfabrik Friedrichshafen Aktiengesellschaft, Friedrichshafen, Germany. Change speed gear. 2,032,587; Mar. 3.
- Maier, Albert F. (See Snyder, A. D., and Maier.)
- Maier, August R., assignor to Oil Well Supply Company, Dallas, Tex. Beam hanger. 2,044,536; June 16.
- Maier, August R., assignor to Oil Well Supply Company, Dallas, Tex. Pumping unit. 2,057,533; Oct. 13.
- Maier, Charles G., Berkeley, Calif., assignor, by mesne assignments, to The Mountain Copper Company, Ltd. Production of hot reducing gases. 2,039,603; May 5.
- Maier, Wellington W., Detroit, Mich. Building structure. 2,045,482; June 23.
- Maiers, George F., Santa Barbara, Calif. Nut huller. 2,052,718; Sept. 1.
- Mailhoit, Wilfred J., South Bend, Ind. Display member. 2,057,962; Oct. 20.
- Main, Charles C. (See Beckwith, C. F., and Main.)
- Main, David W., Oklahoma City, Okla. Vehicle guide means. 2,043,703; June 9.
- Main, David W., assignor to Transportation Systems, Inc., Oklahoma City, Okla. Transportation system. 2,042,265; May 26.
- Main, Frank L., Birmingham, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Structural element. 2,028,554; Jan. 21.
- Main, Frank L., Birmingham, and G. E. Moore, Dearborn, assignors, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,049,215; July 28.
- Main, James A. (See Stark, G. R., and Main.)
- Main, John M. (See Fennell, C. H., and Main.)
- Maine Casket Company. (See Bowler, Ernest C., Jr., assignor.)
- Maine Steel Products Company. (See Henry, Carle D., assignor.)
- Maintenance Equipment Company. (See Bates, Sidney E., assignor.)
- Maintenance Equipment Company. (See Bates, S. E., and Overmeier, assignors.)
- Maintenance Equipment Company. (See Hamilton, Perry H., assignor.)
- Mair, Edmand F. (See Olm, O. J., and Mair.)
- Mair, Richard W., Battle Creek, Mich. Sponge brush. 2,049,852; Aug. 4.
- Maire, Frank L., Lima, Ohio. Traveling valve. 2,049,166; July 28.
- Maisch, Gustave F., Chicago, Ill., assignor, by mesne assignments, to Edison General Electric Appliance Company, Inc. Hinge. 2,050,891; Aug. 11.
- Maisch, Theodore L., assignor to Hydraulic Products Co., Chicago, Ill. Hydraulic brake for vehicles. 2,042,539; June 2.
- Maiser, Georg, Dessau in Anhalt, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Flashlight. 2,029,578; Feb. 4.
- Maitland, Frank K., Chicago, Ill. Vending machine and control mechanism therefor. 2,063,108; Dec. 8.
- Maitzen, Alfonse G., Park Ridge, Ill. Ventilating attachment for pressing machines. 2,029,112; Jan. 28.
- Maiuri, Guido, Aldwych, London, assignor to Maiuri Refrigeration Patents Limited, London, England. Absorption refrigerating machine. 2,043,548; June 9.
- Maiuri Refrigeration Patents Limited. (See Maiuri, Guido, assignor.)
- Majer, Christian, Tübingen, Germany. Machine for continuously inserting bottoms and lids in finished vessel walls of paper, cardboard, and the like. 2,029,827; Feb. 4.
- Majestic Company, The. (See Redrup, Will D., assignor.)
- Majestic Metal Specialties, Inc. (See Kasdan, N., and Landwehr, assignors.)
- Majestic Metal Specialties, Inc. (See Kasdan, N., and Pollack, assignors.)
- Majestic Metal Specialties, Inc. (See Picnich, Charles, assignor.)
- Majneri, Ludwig A., Detroit, Mich. Brake mechanism. 2,029,884; Feb. 4.
- Major, Forrest J., Ocean Park, Calif., assignor, by mesne assignments, to The Run-Ban Company, Steubenville, Ohio. Method of and composition for treating fabrics to seal threads thereof. 2,049,618; Aug. 4.
- Major Leather Supply Co. (See Ross, Sam, assignor.)



- Major, Randolph T., Mountainside, and J. K. Cline, Woodbridge, assignors to Merck & Co., Inc., Rahway, N. J. B-methylcholine derivatives and salts and their production. 2,040,145; May 12.
- Major, Randolph T., Plainfield, and J. K. Cline, Woodbridge, assignors to Merck & Co., Inc., Rahway, N. J. B-methylcholine derivatives and salts and processes for their preparation. 2,040,146; May 12.
- Major, Randolph T., Mountainside, and W. L. Ruigh, Metuchen, assignors to Merck & Co., Inc., Rahway, N. J. Means and composition for the stabilization of divinyl ether. 2,044,800; June 23.
- Major, Randolph T., Plainfield, and W. L. Ruigh, Princeton, assignors to Merck & Co., Inc., Rahway, N. J. Production of stabilized divinyl ether suitable for general anesthesia. 2,044,801; June 23.
- Major, Randolph T., Mountainside, and J. K. Cline, Woodbridge, assignors to Merck & Co., Inc., Rahway, N. J. Salts of beta alkylated choline alkyl ethers and their production. 2,049,463; Aug. 4.
- Majoros, Frank P. (See Bunker, H. M., Wheelwright, and Majoros.)
- Majors, John, Muskegon, Mich. Safety delivery receptacle. 2,034,916; Mar. 24.
- Makaroff, Gregory, Lanesboro, Mass. Grinding device. 2,052,837; Sept. 1.
- Makely, Ralph G., West New Brighton, assignor to The Superheater Company, New York, N. Y. Exhaust steam injector. 2,032,427; Mar. 3.
- Makenny, William, Mountain View, N. J., assignor to Westinghouse Lamp Company. Radio tube base. 2,042,950; June 2.
- Maker, Frank L., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Apparatus for fractional distillation. 2,031,610; Feb. 25.
- Maki, Julius. (See Koplin, H., and Maki.)
- Makres, George, Ecorse, Mich. Advertising display. 2,027,600; Jan. 14.
- Malat, Frank J. (See Gourley, G. T., and Malat.)
- Malcolm, George, administrator. (See Doerfer, Joseph, and J.)
- Malcolm, James A., Sheriden, Pa. Tooth brush. 2,043,898; June 9.
- Malcom, Robert. (See Stovall, W. D., and Gale, assignors.)
- Malcom, Robert, Chicago, Ill. Mask. 2,028,462; Jan. 21.
- Malcom, Robert, Chicago, Ill. Respiratory mask. 2,039,234; Apr. 28.
- Malecek, Charles G., Cleveland, assignor to The Enterprise Manufacturing Company, Akron, Ohio. Artificial bait. 2,036,946; Apr. 7.
- Maley, Alfred W., Handsworth, Birmingham, and E. M. Taunton, Harborne, Birmingham, England. Power and control equipment of electrically driven vehicles and machinery. 2,045,038; June 23.
- Maley, Alfred W., Handsworth, Birmingham, and E. M. Taunton, Harborne, Birmingham, England. Suspension of rail vehicles. 2,045,039; June 23.
- Malhiot, Frank M. (See Bouget, Y. A., and Malhiot.)
- Malick, Boyd C., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Electrode mounting. 2,063,391; Dec. 8.
- Malickson, Philip S., Bala, Pa. Housing for combined sound and motion-picture projectors. 2,041,845; May 26.
- Malickson, Philip S., Bala, Pa. Acoustic-kinetoscope. 2,049,853; Aug. 4.
- Malinge, Léon, Nantes, France. Portable wire tying machine. 2,033,581; Mar. 10.
- Malinowski, Boleslaw, Buffalo, N. Y. Control mechanism for airplanes. 2,046,570; July 7.
- Malis, Samuel. (See Harvey, H., and Malis.)
- Malishev, Boris, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Treating hydrocarbons. 2,055,415; Sept. 22.
- Malishev, Boris, Berkeley, Calif. Treating organic liquids with phosphorus pentoxide. 2,059,469; Nov. 3.
- Malisoff, William M., assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of hydrocarbon oil. 2,043,254; June 9.
- Malisoff, William M., and F. G. Hess, Lansdowne, assignors to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil treatment. 2,061,583; Nov. 24.
- Malivert, Jules E., assignor to Société "L'Accessoire de Precision", Levallois-Perret, France. Treating cellophane and like products. 2,058,703; Oct. 27.
- Malke, Sven, assignor to A. O. Smith Corporation, Milwaukee, Wis. Apparatus for ore concentration. 2,057,338; Oct. 13.
- Malkin, Bernard A., assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Fourdrinier paper making machine. 2,047,422; July 14.
- Mall, Arthur W., Chicago, Ill. Motor base. 2,040,662; May 12.
- Mall, Arthur W., Chicago, Ill. Rail surface grinder. 2,047,591; July 14.
- Mall, Arthur W., Chicago, Ill. Portable power tool and mounting. 2,062,520; Dec. 1.
- Mall, Edwin A., assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Combined bosom and collar and cuff press. 2,050,618; Aug. 11.
- Mall, Edwin A., assignor to The American Laundry Machinery Company, Norwood, Ohio. Combination cuff and neckband press. 2,055,824; Sept. 29.
- Malleable Iron Range Company. (See Burrow, Herbert T., assignor.)
- Malleable Steel Range Manufacturing Co., The. (See Klute, Samuel, assignor.)
- Maller, Raymond J. (See Lippert, J. A., and Maller.)
- Mallet, Charles, assignor to Etablissements Jacob-Delafon Compagnie Ceramique de Pouilly-sur-Saone et Belvoys, Paris, France. Ceramic bath. 2,047,481; July 14.
- Mallet, Charles, assignor to Etablissements Jacob-Delafon Compagnie Ceramique de Pouilly-sur-Saone et Belvoys, Paris, France. Sanitary appliance. 2,065,009; Dec. 22.
- Mallet, Charles, and H. C. Couetoux, assignors to Etablissements Jacob Delafon Compagnie Ceramique de Pouilly-sur-Saone et Belvoys, Paris, France. Installation for mixing two fluids. 2,040,663; May 12.
- Mallett, Ernest J., Riverdale, Md. Convertible multiple purpose chair. 2,065,233; Dec. 22.
- Malley, Nelson F., Brooklyn, N. Y., assignor to Aluminum Alloys Welding Corporation. Spot-welding aluminum and aluminum alloys. 2,030,906; Feb. 18.
- Mallina, Rudolph F., Little Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Combined recorder and reproducer. 2,029,730; Feb. 4.
- Mallina, Rudolph F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Film feeding mechanism. 2,043,354; June 9.
- Mallina, Rudolph F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pneumatic sound reproducer. 2,048,508; July 21.
- Mallina, Rudolph F., Little Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical system. 2,049,917; Aug. 4.
- Mallina, Rudolph F., Little Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone message recorder. 2,063,323; Dec. 8.
- Mallinckrodt Chemical Works. (See Shreve, R. N., Pritchard, Farr, Still, and Crosby, assignors.)
- Mallinckrodt Chemical Works. (See Whitmore, F. C., Homeyer, Jones, and Trent, assignors.)
- Mallinckrodt Chemical Works. (See Whitmore, F. C., and Homeyer, assignors.)
- Mallon, Hugh J., New York, N. Y. Aircraft training and amusement apparatus. 2,032,708; Mar. 3.
- Mallory, Charles E., Saladillo, Rosario de Santa Fe, Argentina, assignor to Swift and Company, Chicago, Ill. Apparatus for closing cans. 2,047,423; July 14.
- Mallory, Charles E., Buenos Aires, Argentina, assignor to Swift and Company, Chicago, Ill. Can body and cover feeding mechanism. 2,058,704; Oct. 27.
- Mallory, George E., Takoma Park, Md., assignor to The Government of the United States, represented by the Secretary of the Treasury. Extraction of morphine and related derivatives. 2,062,324; Dec. 1.
- Mallory Hat Company, The. (See Reynolds, Ralph K., assignor.)
- Mallory, Lewis E., and J. T. Nash, Decatur, Ga. Filter device. 2,032,140; Feb. 25.
- Mallory, Marion, Detroit, Mich., assignor to Mallory Research Company, Toledo, Ohio. Ignition timer and coil. 2,030,012; Feb. 4.
- Mallory, Marion, Detroit, Mich. Ignition coil and distributor. 2,057,240; Oct. 13.
- Mallory, Marion, Detroit, Mich. Two-cycle engine. 2,063,817; Dec. 8.
- Mallory, P. R., & Co. (See Andres, Paul G., assignor.)
- Mallory, P. R., Co. (See Booe, James M., assignor.)
- Mallory, P. R., & Co. (See Emmert, Kenneth L., assignor.)
- Mallory, P. R., & Co. (See Garstang, William W., assignor.)
- Mallory, P. R., & Company. (See Gwyn, Childress B., Jr., assignor.)
- Mallory, P. R., & Co. (See Hensel, Franz R., assignor.)
- Mallory, P. R., & Co. (See Lear, W. P., Nulsen, and Yoder, assignors.)
- Mallory, P. R., & Co. (See Nulsen, M. E., and Slater, assignors.)
- Mallory, P. R., & Co. (See Weiger, Joseph A., assignor.)
- Mallory Research Company. (See Mallory, Marion, assignor.)
- Malloy, Frank J. (See Donovan, J. F., and Malloy.)
- Malloy, Frank J. (See Fagan, J. T., Donovan, and Malloy.)
- Malloy, Frank J., Cleveland Heights, Ohio, assignor to General Electric Company. Machine for making filament supporting structures. 2,058,332; Oct. 20.
- Malloy, Frank J., Cleveland Heights, Ohio, assignor to General Electric Company. Apparatus for making articles of metal and glass. 2,063,109; Dec. 8.
- Malm, Axel S., West Hartford, Conn. Building block set. 2,039,097; Apr. 28.
- Malm, Carl J. (See Clarke, H. T., and Malm.)
- Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of high viscosity mixed esters of cellulose. 2,026,936; Jan. 7.
- Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Precipitation of mixed esters of cellulose. 2,030,883; Feb. 18.
- Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Impregnation of cotton materials. 2,036,424; Apr. 7.
- Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Stabilizing of cellulose esters. 2,043,899; June 9.



- Malm, Carl J., and C. L. Fletcher, assignors to Eastman Kodak Company, Rochester, N. Y. Changing the solubility of mixed esters of cellulose and the product resulting therefrom. 2,026,583; Jan. 7.
- Malm, Carl J., and W. E. Fisher, assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of aliphatic acid anhydrides. 2,026,985; Jan. 7.
- Malm, Carl J., Rochester, N. Y., and J. D. Coleman, Columbus, Ohio, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of alkoxy fatty acid esters of cellulose. 2,028,792; Jan. 28.
- Malm, Carl J., and C. L. Fletcher, assignors to Eastman Kodak Company, Rochester, N. Y. Making cellulose esters. 2,031,611; Feb. 25.
- Malm, Carl J., and G. F. Nadeau, assignors to Eastman Kodak Company, Rochester, N. Y. Sulphonic acid esters of cellulose derivatives and the preparation thereof. 2,036,423; Apr. 7.
- Malm, Carl J., and C. R. Fordyce, assignors to Eastman Kodak Company, Rochester, N. Y. Nonalkali metal salts of dicarboxylic acid esters of cellulose. 2,040,093; May 12.
- Malm, Carl J., Rochester, N. Y., and C. L. Fletcher, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Fibrous esterification of cellulose. 2,047,278; July 14.
- Malm, Carl J., and C. R. Fordyce, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of hydroxyalkyl esters of the dicarboxylic acid esters of cellulose and the products resulting therefrom. 2,051,219; Aug. 18.
- Malm, Carl J., Rochester, N. Y., and C. L. Fletcher, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Treatment of cellulose to render it suitable for esterification. 2,051,220; Aug. 18.
- Malm, Carl J., Rochester, N. Y., and C. L. Fletcher, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Hydrolysis of cellulose esters containing higher fatty acid groups. 2,053,527; Sept. 8.
- Malm, Carl J., and C. R. Fordyce, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Separation of an organic acid ester from its reaction mixture. 2,063,322; Dec. 8.
- Malm, Carl J., and G. F. Nadeau, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Regulating the pretreating and esterifying of cellulose. 2,063,324; Dec. 8.
- Malmros, Gustav V. A., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism for tabulating machines. 2,036,063; Mar. 31.
- Malmstrom, Homer E. (See Davis, M. N., and Malmstrom.)
- Malocsay, Francis X., Upper Saddle River, N. J., assignor, by mesne assignments, to Consolidated International Corporation. Wrapping and banding machine. 2,037,080; Apr. 14.
- Malocsay, Francis X., Upper Saddle River, N. J., assignor, by mesne assignments, to Consolidated International Corporation. Wrapping machine. 2,050,710; Aug. 11.
- Malocsay, Francis X., Upper Saddle River, N. J., assignor, by mesne assignments, to Consolidated International Corporation. Cigar machine. 2,050,711; Aug. 11.
- Malocsay, Francis X., Upper Saddle River, N. J., assignor, by mesne assignments, to Consolidated International Corporation. Wrapping and banding machine. 2,050,712; Aug. 11.
- Malocsay, Francis X., Upper Saddle River, N. J., assignor, by mesne assignments, to Consolidated International Corporation. Wrapping and banding machine. 2,050,713; Aug. 11.
- Malocsay, Francis X., Upper Saddle River, N. J., assignor, by mesne assignments, to Consolidated International Corporation. Wrapping and banding machine. 2,050,714; Aug. 11.
- Malocsay, Francis X., Upper Saddle River, N. J., assignor, by mesne assignments, to Consolidated International Corporation. Banding and wrapping machine. 2,050,715; Aug. 11.
- Malocsay, Francis X., Upper Saddle River, N. J., assignor to International Banding Machine Company. Wrapping and banding machine. 2,050,716; Aug. 11.
- Malocsay, Francis X., Upper Saddle River, N. J., assignor to International Banding Machine Company. Wrapping and banding machine. 2,050,717; Aug. 11.
- Malone, Homer E., Minneapolis, Minn. Door lock. 2,058,163; Oct. 20.
- Malone, Julian Y., assignor to The Perway Company, Milwaukee, Wis. Cold permanent waving. 2,056,358; Oct. 6.
- Malone, Julian Y., J. H. Carroll, and C. R. McKee, assignors to The Perway Company, Milwaukee, Wis. Direct cold permanent waving. 2,061,709; Nov. 24.
- Malone, Walter H., and J. M. Eyre, Dallas, Tex. Combination cover and draft control for chimneys. 2,060,231; Nov. 10.
- Maloney, George J., Long Beach, Calif. Beverage dispensing bottle. 2,031,172; Feb. 18.
- Maloon, Earl B., assignor to The Heil Co., Milwaukee, Wis. Trailbuilder. 2,064,022; Dec. 15.
- Maloon, Earl B., assignor to The Heil Co., Milwaukee, Wis. Scraper. 2,064,023; Dec. 15.
- Malott, Clifton S., Jr., assignor to The American Laundry Machinery Company, Norwood, Ohio. Chest member for pressing machines. 2,046,785; July 7.
- Malott, Clifton S., Jr., assignor to The American Laundry Machinery Company, Norwood, Ohio. Press operating and control mechanism. 2,049,589; Aug. 4.
- Malott, Clifton S., Jr., assignor to The American Laundry Machinery Company, Norwood, Ohio. Press operating mechanism. 2,050,619; Aug. 11.
- Malseed, James S., Brooklyn, N. Y., J. T. Welsh, Ridgeway, Pa., and W. F. Keenan, Jr., Pelham Manor, assignors to Foster Wheeler Corporation, New York, N. Y. Power plant. 2,031,422; Feb. 18.
- Maltbie Chemical Company, The. (See Fosbinder, Russell J., assignor.)
- Malthaner, John C. F., Minneapolis, Minn. Automatic water distributor. 2,059,126; Oct. 27.
- Maltner, Hermann, Offenbach-on-the-Main, Germany. Pocket lighter. 2,066,210; Dec. 29.
- Malvey, Edward J., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Display card for safety pins and similar articles. 2,043,385; June 9.
- Mambourg, James E., Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for producing sheet glass. 2,035,272; Mar. 24.
- Manahan, Joseph A., Boston, Mass. Liberating fibers. 2,026,584; Jan. 7.
- Manarik, Joseph A., Chicago, Ill. Bottle cap remover. 2,059,736; Nov. 3.
- Mance, Charles, Steubenville, Ohio. Automobile mechanic's creeper. 2,051,563; Aug. 18.
- Manchester Oxide Company Limited, The. (See Clayton, R. H., Williams, and Avery, assignors.)
- Manchester, Paul, Pawtucket, R. I. Extended electrical outlet. 2,031,542; Feb. 18.
- Mancini, John, and N. Di Archangel, New York, N. Y. Apparatus for aging whiskey or other alcoholic beverages. 2,040,264; May 12.
- Mancini, Niccolo, Florence, Italy. Discharge mechanism for automatic firearms. 2,042,613; June 2.
- Mandabach, Paul J. (See Newton, G. B., and Adamson, assignors.)
- Mandai, Juzo, Los Angeles, Calif. Educational clock. 2,040,322; May 12.
- Mandell Manufacturing Co. (See Davidson, Ellsworth L., assignor.)
- Manders, Theodorus J. J. A., Eindhoven, Netherlands, assignor to General Electric Company. Electrical device. 2,042,540; June 2.
- Manegold, John R., Milwaukee, Wis. Catamenial receptacle. 2,061,384; Nov. 17.
- Maney, George A., Evanston, Ill. Structure for transmitting loads. 2,035,662; Mar. 31.
- Maney, Thomas, Louisville, Ky. Rail fastening. 2,057,963; Oct. 20.
- Mangan, Ella M. (See McBrady, John A., assignor.)
- Mangel, Wallie C., Monteagle, assignor to Braden N. Mulford, Fountain Head, Tenn. Tire spreader. 2,035,972; Mar. 31.
- Manger, Charles F. (See Bentley, P. A., Deans, Manger, and Wainwright.)
- Manger, Charles F. (See Deans, F. E., Manger, and Wainwright.)
- Manger, Paul A., Eggertsville, assignor to Farrel-Birmingham Company, Inc., Buffalo, N. Y. Coupling for rotatable elements. 2,055,014; Sept. 22.
- Mangiapani, Cesare. (See Levy, J. E., and Mangiapani.)
- Mangin, James, assignor to New Brunswick Electric Supply Company, New Brunswick, N. J. Ground fitting. 2,038,436; Apr. 21.
- Manhattan Company, The, President and Directors of, trustees. (See Barnard, E. W., and Leopold, assignors.)
- Manhattan Company, The, President and Directors of. (See Holslag, Claude J., assignor.)
- Manhattan Company, The, President and Directors of, trustees. (See Leopold, S. N., and Powell, assignors.)
- Manhattan Company, The, President and directors of, trustees. (See Page, John E., assignor.)
- Manhattan Company, The, President and Directors of, trustees. (See Powell, H. K., and Leopold.)
- Manifold Supplies Company. (See Foster, William D., assignor.)
- Manifold Vacuum Valve Corporation. (See Abbott, Robert N., assignor.)
- Maniscalco, Pietro, Toledo, Ohio. Air compressor. 2,042,673; June 2.
- Maniscalco, Pietro, Toledo, Ohio. Heat interchanger. 2,047,080; July 7.
- Maniscalco, Pietro, Toledo, Ohio. Internal combustion engine. 2,058,705; Oct. 27.
- Manitowoc Shipbuilding Corporation. (See Nickles, Edward B., assignor.)
- Manitowoc Ship Building Corporation. (See West, John D., assignor.)
- Mankinen, Jacob, Ashtabula, Ohio. Orthopedic device. 2,063,818; Dec. 8.
- Mankoff, Fred. (See Harrison, Everett H., assignor.)
- Mankoff, Henry J., Wichita, Kans. Rotor for hammer mills. 2,026,790; Jan. 7.
- Mankoff, Henry J., Wichita, Kans. Screen for hammer mill grinders. 2,054,507; Sept. 15.
- Manley, Lloyd M., Forest Hills, assignor to Western Electric Company, Incorporated, New York, N. Y. Control device. 2,056,287; Oct. 6.
- Manley, Lloyd M., Forest Hills, and R. H. McCarthy, Manhasset, assignors to Western Electric Company, Incorporated, New York, N. Y. Material working machine. 2,044,481; June 16.



- Manley Products Corp. See Manley, Robert E., assignor.)  
 Manley, Robert E. (See Halpern, M., Logan, Manley, and Ullrich.)  
 Manley, Robert E. (See Lauer, C. E., Manley, and Loeb.)  
 Manley, Robert E., assignor to Manley Products Corp., York, Pa. Motorized drive. 2,027,111; Jan. 7.  
 Manley, Robert E., Beacon, assignor to The Texas Company, New York, N. Y. Solvent refining of hydrocarbon oil. 2,038,798; Apr. 28.  
 Manley, Robert E., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing hydrocarbon oil. 2,040,056; May 5.  
 Manley, Robert E., Beacon, assignor to The Texas Company, New York, N. Y. Manufacture of lubricating oil. 2,054,433; Sept. 15.  
 Manley, Robert E., and H. H. Gross, Beacon, assignors to The Texas Company, New York, N. Y. Refining hydrocarbon oil. 2,037,385; Apr. 14.  
 Manley, Robert E., and H. H. Gross, Beacon, assignors to The Texas Company, New York, N. Y. Manufacture of lubricating oil. 2,040,057; May 5.  
 Manley, Robert E., B. Y. McCarty and H. H. Gross, Beacon, assignors to The Texas Company, New York, N. Y. Removal of wax from hydrocarbon oil. 2,045,305; June 23.  
 Manley, Robert E., and W. Ullrich, Beacon, assignors to The Texas Company, New York, N. Y. Treatment of hydrocarbon oils. 2,054,774; Sept. 15.  
 Manley, William O., Kansas City, Mo. Washing machine rib. 2,053,912; Sept. 8.  
 Manley, William O., Kansas City, Mo. Washing machine door hinge and latch. 2,053,913; Sept. 8.  
 Manly Corporation. (See Centervall, Hugo A., assignor.)  
 Manly, Harold P., Wilmette, Ill. Short circuit detector. 2,033,347; Mar. 10.  
 Mann, Arthur H., Nyack, assignor to Morse Boulger Destructor Company, Inc., New York, N. Y. Destructor. 2,030,114; Feb. 11.  
 Mann, Cecil A., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,054,482; Sept. 15.  
 Mann, Frank E., Preston, Ontario, Canada. Insole. 2,027,601; Jan. 14.  
 Mann, John V. (See Hasbrouck, L. B., Mann, and Whitney.)  
 Mann, John, assignor to Goulds Pumps, Inc., Seneca Falls, N. Y. Mechanism and construction for reciprocating machinery. 2,045,552; June 23.  
 Mann, Joseph, Philadelphia, Pa., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Blind stitch sewing machine. 2,030,751; Feb. 11.  
 Mann, Leon, Mount Vernon, N. Y. Box dismembering machine. 2,029,885; Feb. 4.  
 Mann, Loftin H. (See Lippelman, Roy H., assignor.)  
 Mann, Maurice V., Kansas City, Mo. Flexible dental tray. 2,053,914; Sept. 8.  
 Mann, Paul L., assignor to Consolidated Wire and Associated Corporations, Chicago, Ill. Antenna for use with an automobile radio receiver. 2,049,744; Aug. 4.  
 Mann, Phineas T., Springfield, Ohio. Filling neck and antitheft assembly for gas tanks. 2,052,782; Sept. 1.  
 Mann, Robert, Memphis, Tenn. Syringe for blood transfusions. 2,028,161; Jan. 21.  
 Mann, Robert, Memphis, Tenn. Blood transfusion apparatus and method. 2,059,803; Nov. 3.  
 Mann, Walter J. (See Needham, J. T., and Mann.)  
 Mann, Walter J., Plainfield, N. J., assignor to General Conveyors Limited, Montreal, Quebec, Canada. Belt conveyor. 2,028,231; Jan. 21.  
 Mann, William D., Highland Park, Ill. Building construction. 2,030,998; Feb. 18.  
 Manners, John V. (See Howard, Henry S., assignor.)  
 Mannes, Leopold D., and L. Godowsky, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Color-forming developer. 2,039,730; May 5.  
 Mannes, Leopold D., and L. Godowsky, Jr., Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Color photography. 2,059,884; Nov. 3.  
 Mannes, Leopold D., and L. Godowsky, Jr., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Differential treatment of multilayer films. 2,059,887; Nov. 3.  
 Manning, Bowman & Co. (See Farr, Edward A., assignor.)  
 Manning, Fred M., et al. (See Monroe, Daniel B., assignor.)  
 Manning, F. W., Co. (See Goodwin, John B., assignor.)  
 Manning, F. W., Company. (See Manning, Fred W., assignor.)  
 Manning, Fred W., Altadena, assignor to F. W. Manning Company, Ltd., Los Angeles, Calif. Filtration. 2,055,869; Sept. 29.  
 Manning, Fred W., Altadena, assignor to F. W. Manning Company, Ltd., Los Angeles, Calif. Fabric filter. 2,055,872; Sept. 29.  
 Manning, Fred W., Altadena, assignor to F. W. Manning Company, Ltd., Los Angeles, Calif. Beverage filter. 2,055,873; Sept. 29.  
 Manning, Fred W., Pasadena, assignor to F. W. Manning Co., Ltd., Los Angeles, Calif. Refining of lubricating oils in internal combustion engines. 2,055,870; Sept. 29.  
 Manning, Fred W., Pasadena, assignor to F. W. Manning Company, Ltd., Los Angeles, Calif. Surface type fabric filter. 2,055,874; Sept. 29.  
 Manning, Fred W., assignor to F. W. Manning, Co., Ltd., Los Angeles, Calif. Juice extraction filter. 2,055,871; Sept. 29.  
 Manning, Joseph A., Pawtucket, R. I. Doll head. 2,026,990; Jan. 7.  
 Manning, Joseph A., Pawtucket, R. I. Eye mounting for dolls. 2,064,933; Dec. 22.  
 Manning, Joseph H., assignor to General Motors Truck Corporation, Pontiac, Mich. Lock for trailer supports. 2,053,571; Sept. 8.  
 Manning, Maxwell & Moore, Inc. (See Moore, C. A., Whitcomb, assignors.)  
 Manning, Paul D. V. (See Chesny, H. H., Farnsworth, and Manning.)  
 Manning, Paul D. V., Berkeley Woods, D. D. Peebles, Eureka, and A. H. Potbury, Berkeley, Calif. Fish cooking method. 2,060,232; Nov. 10.  
 Manning, Richard H., Butte, Mont. Vacuum cleaner. 2,051,728; Aug. 18.  
 Manning, Sanford E., assignor to The R. S. M. Company, Inc., Houston, Tex. Apparatus for and method of cementing wells. 2,029,380; Feb. 4.  
 Manning, Timothy C., North Kansas City, Mo. Grain washer and drier. 2,037,081; Apr. 14.  
 Manning, William H., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Clutch driven plate. 2,053,622; Sept. 8.  
 Mannix, James, Trenton, N. J. Electric motor. 2,026,642; Jan. 7.  
 Mannix, James, Trenton, N. J. Field mounting for dynamo-electric machines. 2,026,643; Jan. 7.  
 Manoilovich, Nicholas, Grantwood, N. J., E. Gruen, and C. H. Berill, assignors to R. W. Brown, New York, N. Y. Bookholder. 2,046,395; July 7.  
 Manolesco, Edward. (See Niedorff, P., and Manelesco.)  
 Mansbach, Willy. (See Lefrand, Edouard, assignor.)  
 Mansberger, David, Sabraton, W. Va. Rocking stool and cradle. 2,036,157; Mar. 31.  
 Mansel, Paul, assignor, by mesne assignments, to Siemens & Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany. Machine for automatically sorting cards. 2,034,107; Mar. 17.  
 Mansfield, Bernhard. (See Deitz, L. S., Jr., and Mansfield.)  
 Mansfield, Everett K., New London, Conn. Paper stock preparation. 2,038,374; Apr. 21.  
 Mansfield, William R. (See Boughton, W. A., and Mansfield.)  
 Manshel, Charles. (See Bliss, Albert, assignor.)  
 Manske, Fred A., assignor to United States Gypsum Company, Chicago, Ill. Resilient building wall clip construction. 2,041,773; May 26.  
 Manson Chemical Company. (See Manson, George J., assignor.)  
 Manson, Frank G., Dayton, Ohio. Face mask. 2,027,392; Jan. 14.  
 Manson, Frank G., Dayton, Ohio. Flexible inflated device. 2,046,335; July 7.  
 Manson, Frank G., Dayton, Ohio. Pneumatic airplane seat. 2,057,687; Oct. 20.  
 Manson, Frank G., Dayton, Ohio. Face mask. 2,062,325; Dec. 1.  
 Manson, George J., Hawkesbury, Ontario, Canada, assignor, by mesne assignments, to Manson Chemical Company, Montclair, N. J. Emulsions. 2,030,385; Feb. 11.  
 Manson, Ralph H. (See Hoher, A. A., and Manson.)  
 Mansson, Martin, assignor to Eclipse Aviation Corporation, East Orange, N. J. Propeller. 2,037,251; Apr. 14.  
 Mansur, E. L., Company. (See Runge, George C., assignor.)  
 Mantelet & Boucher, (Societe en nom collectif). (See Mantelet, Jean, assignor.)  
 Mantelet, Jean, assignor to Mantelet & Boucher (Societe en Nom Collectif), Magnolet, France. Masher. 2,051,095; Aug. 18.  
 Mantelet, Jean, assignor to Mantelet & Boucher, (Societe en nom collectif) Bagnolet (Seine), France. Masher. 2,054,038; Sept. 8.  
 Mantle, Joseph G. C., Leonia, N. J. Internal combustion engine. 2,032,542; Mar. 3.  
 Mantle, Joseph G. C., Leonia, N. J. Diaphragm pump. 2,055,154; Sept. 22.  
 Mantle, Joseph G. C., Leonia, N. J., assignor by mesne assignments to Bridgeport Thermostat Company, Inc., Bridgeport, Conn. Making hollow articles. 2,044,710; June 16.  
 Mantle, Joseph G. C., Leonia, N. J., assignor by mesne assignments to Bridgeport Thermostat Company, Inc., Bridgeport, Conn. Method of and apparatus for making corrugated diaphragms. 2,044,711; June 16.  
 Mantle, Joseph G. C., Leonia, N. J., assignor, by mesne assignments, to Bridgeport Thermostat Company, Inc., Bridgeport, Conn. Apparatus for making hollow articles. 2,050,227; Aug. 4.  
 Mantle, Joseph G. C., Leonia, N. J., assignor, by mesne assignments, to Bridgeport Thermostat Company, Inc., Bridgeport, Conn. Method of and apparatus for making corrugated articles. 2,050,228; Aug. 4.  
 Mantle, Joseph G. C., Leonia, N. J., assignor, by mesne assignments, Bridgeport Thermostat Company, Inc., Bridgeport, Conn. Method of and apparatus for making tubular walls. 2,050,229; Aug. 4.



- Mantle, Joseph G. C., Leonia, N. J., assignor, by mesne assignments, to Bridgeport Thermostat Company, Inc., Bridgeport, Conn. Making diaphragms or the like. 2,050,230; Aug. 4.
- Mantle Lamp Company of America, The. (See Bell, Allan H., assignor.)
- Mantle Lamp Company of America, The. (See Rathburn, Emory L., assignor.)
- Mantle Lamp Company of America, The. (See Reiss, Fred O., assignor.)
- Mantle Lamp Company of America, The. (See Schwarz, Eugene, assignor.)
- Mantle Lamp Company of America, The. (See Whipple, Allen D., assignor.)
- Mantle Lamp Company of America, The. (See Whipple, A. D., and Davis, assignors.)
- Manton, Charles H., Philadelphia, Pa. Felt conditioning machine. 2,033,990; Mar. 17.
- Manton-Gaulin Manufacturing Company. (See Clark, John A., assignor.)
- Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Control device. 2,037,810; Apr. 21.
- Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Diaphragm valve. 2,038,748; Apr. 28.
- Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Control device. 2,040,864; May 19.
- Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Multipilot controlled valve. 2,045,664; June 30.
- Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Electric safety pilot. 2,064,436; Dec. 15.
- Manufacture de Machines du Haut-Rhin S. A. (See Sautier, Emile, assignor.)
- Manufacture Generale Metallurgique, Société Anonyme. (See Mautsch, Robert, assignor.)
- Manufacturers Light and Heat Company, The. (See Wood, Thomas E., assignor.)
- Manus, H. C., et al. (See Speed, James A., assignor.)
- Manville, E. J., Machine Company, The. (See Freter, R. J., and Gaess, assignors.)
- Manville Jenckes Corporation. (See Cook, Kenneth B., assignor.)
- Manville, Keith R., Highland Park, N. J., assignor to International Motor Company, New York, N. Y. Four-speed vehicle transmission. 2,029,178; Jan. 28.
- Manville, Keith R., Highland Park, N. J., assignor to International Motor Company, New York, N. Y. Synchronizing mechanism. 2,046,957; July 7.
- Manville, Keith R., Highland Park, N. J., assignor to International Motor Company, New York, N. Y. Five-speed vehicle transmission. 2,055,770; Sept. 29.
- Manwarning, Howard S. (See Straub, J. C. A., and Manwarning.)
- Manzeck, Robert H., San Diego, Calif. Javelin point. 2,044,092; June 16.
- Mapes, Clyde W., and Z. C. Bradford, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Motor and lubricating system therefor. 2,062,920; Dec. 1.
- Mapes, Clyde W., and Z. C. Bradford, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Motor and lubricating system therefor. 2,064,070; Dec. 15.
- Mapes Consolidated Manufacturing Company. (See De Reamer, William J., assignor.)
- Mapes, Daniel, Upper Montclair, N. J., assignor to Walter Kidde & Company, Inc., New York, N. Y. System and apparatus for release of fluids. 2,029,629; Feb. 4.
- Mapes, Daniel, Upper Montclair, N. J., assignor to Walter Kidde & Company, Inc., New York, N. Y. Pull box remote control. 2,031,964; Feb. 25.
- Mapes, Daniel, Upper Montclair, N. J., assignor to Walter Kidde & Company, Inc., New York, N. Y. Fire extinguishing apparatus. 2,031,965; Feb. 25.
- Mapes, Daniel, Upper Montclair, N. J., assignor to Walter Kidde & Company, Inc., New York, N. Y. Release device for fluids under pressure. 2,036,710; Apr. 7.
- Mapes, Daniel, Upper Montclair, N. J., assignor to Walter Kidde & Company, Inc., New York, N. Y. Actuating mechanism for aeroplane flotation devices. 2,037,583; Apr. 14.
- Mapes, Daniel, Upper Montclair, N. J., assignor to Walter Kidde & Company, Inc., New York, N. Y. Release mechanism for aeroplane flotation devices. 2,039,014; Apr. 28.
- Mapes, Daniel, Upper Montclair, N. J., assignor to Walter Kidde & Company, Inc., New York, N. Y. Inflatable flotation device. 2,040,616; May 12.
- Mapes, Daniel, Upper Montclair, assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Inflatable flotation device. 2,041,662; May 19.
- Mapes, Daniel, Montclair, N. J., assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Fire extinguishing apparatus. 2,044,438; June 16.
- Mapes, Daniel, Upper Montclair, N. J., assignor to Walter Kidde & Company, Inc., New York, N. Y. Aeroplane flotation device. 2,052,186; Aug. 25.
- Mapes, Daniel, Upper Montclair, assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Aircraft flotation device. 2,058,244; Oct. 20.
- Mapes, Daniel, Montclair, N. J., assignor to Walter Kidde & Company, Inc., New York, N. Y. Discharging of stored pressure medium containers. 2,059,969; Nov. 3.
- Mapes, Dwight B. (See Frankforter, C. J., and Mapes.)
- Mapes, Leslie A., Palisades, N. J., assignor to The Borden Company, New York, N. Y. Apparatus for forming and wrapping bricks of ice cream and the like. 2,027,545; Jan. 14.
- Mapson, Robert L., assignor to M. & D. Display Mfg. Corporation, Los Angeles, Calif. Display counter apparatus. 2,048,802; July 28.
- Marantz, Israël H., assignor of seventy-five per cent to L. S. Gatter, New York, N. Y. Washing appliance adapted to the blower portions of a vacuum cleaner device. 2,037,525; Apr. 14.
- Marasso, Fred, assignor to Union Machinery Company, Joliet, Ill. Loading device for proofers. 2,064,487; Dec. 15.
- Marathon Company. (See Whittaker, Frederick A., assignor.)
- Marathon Electric Manufacturing Corporation. (See Wall, James J., assignor.)
- Marathon Paper Mills Company. (See Abrams, A., and Wagner, assignors.)
- Marathon Paper Mills Company. (See Abrams, A., Wagner, and Forcey, assignors.)
- Marathon Paper Mills Company. (See Andrew, W. K., and Drake, assignors.)
- Marathon Paper Mills Company. (See Broeren, Frank L., assignor.)
- Marathon Paper Mills Company. (See Drake, Ronald I., assignor.)
- Marathon Paper Mills Company. (See Grogan, Byron F., assignor.)
- Marathon Paper Mills Company, The. (See Horwitt, Paul H., assignor.)
- Marathon Paper Mills Company. (See Meier, A. M., and Drake, assignors.)
- Marathon Paper Mills Company et al. (See Sandborn, L. T., Salvesen, and Howard, assignors.)
- Marble, Edwin H. (See Coolidge, C. H., and Marble.)
- Marbette Corporation. (See Hansen, Svend, assignor.)
- Marbo Patents Inc. (See Winkelman, Herbert A., assignor.)
- Marbo Products Corporation. (See Kratz, Edouard M., assignor.)
- Marbo Products Corporation. (See Kratz, E. M., and Gebauer-Fuelnegg, assignors.)
- Marbo Products Corporation, et al. (See Kratz, E. M., and Wilson, assignors.)
- Marbry, Alpheus V. (See Bond, J. D., and Marbry.)
- Marburg, Edgar, Vandergrift, Pa., assignor to American Sheet and Tin Plate Company. Rolling metal. 2,041,255; May 19.
- Marbury, Ralph E., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,043,834; June 9.
- Marcella Corporation, The. (See McCauley, Terrance J., assignor.)
- Marcellitti, Pasquale, Elmwood Park, Ill. Pressing machine. 2,066,011; Dec. 29.
- Marcellus, Brooks, assignor to Barber-Colman Company, Rockford, Ill. Winder. 2,053,296; Sept. 8.
- Marcellus, Fredrick S., Scotia, N. Y., assignor to General Electric Company. Recording instrument. 2,044,586; June 16.
- March, Laurel A., Schenectady, N. Y., assignor to General Electric Company. Inductor dynamo-electric machine. 2,043,052; June 2.
- Marchand, Adolph, Jackson Heights, N. Y. Adjustable duplex electric lamp. 2,041,847; May 26.
- Marchand, Eugene M., Bristol, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Article feeding apparatus. 2,044,394; June 16.
- Marchand, Eugene W. (See Zinkil, R. H., and Marchand.)
- Marchant Calculating Machine Company. (See Avery, Harold T., assignor.)
- Marchant Calculating Machine Company. (See Avery, H. T., and Lerch, assignors.)
- Marchant Calculating Machine Company. (See Friden, Carl M. F., assignor.)
- Marchant Calculating Machine Company. (See Lerch, Gustav, assignor.)
- Marchant, Guy O., et al. (See Walker, Jay P., assignor.)
- Marchant, William E., Detroit, Mich., assignor to Engineering and Research Corporation, Washington, D. C. Combined punching and riveting machine. 2,063,691; Dec. 8.
- Marcher, Royal, assignor to Cohn & Rosenberger, Inc., New York, N. Y. Finger ring and the like. 2,045,665; June 30.
- Marchev, Alfred. (See Hernlund, J. W., Marchev, and Morrison.)
- Marchev, Alfred. (See Hernlund, J. W., McCain, and Marchev.)
- Marchev, Alfred. (See McCain, C. C., and Marchev.)
- Marchev, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 2,033,383; Mar. 10.
- Marchev, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Hinged pressure roller and paper guide for duplicator carriages. 2,040,393; May 12.



- Marchey, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 2,045,020; June 23.
- Marchey, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 2,064,071; Dec. 15.
- Marchey, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Rotary duplicating machine. 2,065,385; Dec. 22.
- Marchfield, Rudolph L., Chicago, Ill. Vegetable slicing device. 2,061,711; Nov. 24.
- Marchioni, Frank A., Rutherford, N. J. Coin receptacle and conveyor. 2,046,176; June 30.
- Marciano, Gerardo F., Providence, R. I., assignor to Universal Optical Corporation. Ophthalmic mounting. 2,036,591; Apr. 7.
- Marco, Frederick J., assignor to Fred C. McClellan, Chicago, Ill. Game apparatus. 2,042,723; June 2.
- Marconi International Marine Communication Company Limited, The. (See Hinton, Norman P., assignor.)
- Marcroft, William, South Chatham, Mass. Winding machine. 2,028,679; Jan. 21.
- Marcus, Charles L., Mamaroneck, assignor to Parfums Corday, Inc., New York, N. Y. Cosmetic. 2,027,921; Jan. 14.
- Marcus, Lewis A., New York, N. Y. Receptacle. 2,051,006; Aug. 11.
- Marcus, Samuel, Belle Harbor, assignor to Margon Corporation, New York, N. Y. Flexible doll head and eye set therefor. 2,051,875; Aug. 25.
- Marcus, Samuel, Belle Harbor, assignor to Margon Corporation, New York, N. Y. Doll eye and method of making the same. 2,051,876; Aug. 25.
- Marcus, Samuel S. (See Krakauer, S., and Marcus.)
- Marcussen, Wilhelm, Hazel Park, Mich. Miniature camera. 2,057,198; Oct. 13.
- Marcy, Lyle B., and B. Egeberg, assignors to International Silver Company, Meriden, Conn. Making seamless hollow handles for cutlery and the like. 2,057,440; Oct. 13.
- Marden, John W. (See Rentschler, H. C., and Marden.)
- Marden, John W., East Orange, N. J., assignor to Westinghouse Lamp Company. 115 volt ultra-violet lamp. 2,032,945; Mar. 3.
- Marden, John W., East Orange, N. J., assignor to Westinghouse Lamp Company. Electron discharge device. 2,042,951; June 2.
- Marden, John W., East Orange, and G. Meister, Newark, N. J., assignors to Westinghouse Lamp Company. Sodium lamp. 2,046,475; July 7.
- Mardigian, Samuel, and M. Rizzolla, Cleveland, Ohio, assignors to The American Steel and Wire Company of New Jersey. Packaging straight articles. 2,040,493; May 12.
- Marek, Anton, Vienna, Austria, assignor to firm Ceskoslovenska Zbrojovka Akciová Společnost v Brně, Brno, Czechoslovakia. Gas pressure operated gun. 2,058,897; Oct. 27.
- Marek, Leroy F. (See Forrest, H. O., Marek, and White.)
- Mares, Joseph R., St. Louis, assignor to Monsanto Chemical Company, St. Louis, Mo. Plastic compositions of matter. 2,028,403; Jan. 21.
- Mares, Joseph R., assignor to Monsanto Chemical Company, St. Louis, Mo. Manufacture of carboxylic acid chlorides. 2,051,096; Aug. 18.
- Mares, Victor A., Brooklyn, N. Y. Brush and lacquer container. 2,047,641; July 14.
- Margate Hosiery Mills Incorporated. (See Riggs, Clyde A., assignor.)
- Margetson, Oliver. (See Mactaggart, E. F., and Margetson.)
- Margles, Samuel G. (See Handy, A. E., and Margles.)
- Margolit, Jack. (See Castronovo, Joseph, assignor.)
- Margolith, Murry, Ocean Park, Calif. Amusement device. 2,047,482; July 14.
- Margon Corporation. (See Grubman, Leo J., assignor.)
- Margon Corporation. (See Konoff, A., and Grubman, assignors.)
- Margon Corporation. (See Marcus, Samuel, assignor.)
- Marguerre, Fritz, Mannheim, Germany. Thermodynamic energy storage. 2,065,974; Dec. 29.
- Marien, Charles A., assignor to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Piston packing ring. 2,030,927; Feb. 18.
- Marien, Charles A., assignor to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Piston packing ring. 2,038,515; Apr. 21.
- Marien, Charles A., assignor to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Piston ring. 2,065,817; Dec. 29.
- Marien Charles A. and M. W., assignors to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Piston resizing and reshaping machine. 2,059,379; Nov. 3.
- Marien, Charles A., and M. W. Marien, assignors to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Piston ring. 2,062,367; Dec. 1.
- Marien, Melvin W. (See Marien, Charles A., and M. W., assignors.)
- Marihart, Leo A., San Francisco, Calif. Ash tray. 2,044,802; June 23.
- Marihuigh, Peter A., Harbor Springs, Mich. Loose-leaf binder. 2,045,040; June 23.
- Marinacci, Pasquale, Syracuse, N. Y. Walking stick. 2,055,845; Sept. 29.
- Marine Chemical Company. (See Chesny, Heinz H., assignor.)
- Marine Chemicals Company. (See Chesney, H. H., Farnsworth, and Manning, assignors.)
- Marine Optical Manufacturing Company. (See Diodati, Amedeo, assignor.)
- Marine, Richard E., Pittsburgh, Pa. Automobile closure. 2,094,464; Aug. 4.
- Marins, Walter D. (See Kupka, John, assignor.)
- Marino, Anthony J., Union City, assignor to Gilby Wire Company, Newark, N. J. Coating ferrous strip material. 2,043,549; June 9.
- Marino, John J., Fords, N. J. Dispensing cabinet. 2,042,348; May 26.
- Marinsky, Davis. (See Morin, L. H., and Marinsky.)
- Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Links of separable fasteners. 2,041,558; May 19.
- Marinsky, Davis, assignor, by mesne assignments, to Whitehall Patents Corporation, New York, N. Y. Manufacturing separable fastener devices. 2,041,848; May 26.
- Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Making riders. 2,042,541; June 2.
- Marinsky, Davis, assignor to Whitehall Patents Corporation, New York, N. Y. Separable fastener. 2,045,396; June 23.
- Marinsky, Isaac, assignor of one-half to S. I. Cohen, Providence, R. I. Shirt collar. 2,058,090; Oct. 20.
- Mario, Emilio, Talisay, P. I. Drafting apparatus. 2,034,350; Mar. 17.
- Marique, Jean, Uccle, Belgium. Direct-reading radiogoniometer. 2,033,723; Mar. 10.
- Mark, Hermann. (See Breuers, W., Mark, and Konrad.)
- Markel, John M. (See Hendricks, S. B., and Markel.)
- Markel, Lawrence L., Warren, Ohio, assignor to Chicago-Cleveland Car Roofing Co., Chicago, Ill. Roof. 2,060,093; Nov. 10.
- Markels, Leonard, New York, N. Y. Apparatus for arresting sparks and purifying exhaust gases. 2,043,298; June 9.
- Marker, Mitchell M., Brooklyn, N. Y. Amusement apparatus. 2,064,310; Dec. 15.
- Marker, William M., Los Angeles, Calif. Coil cleaner. 2,034,195; Mar. 17.
- Markham, Charles E., East St. Louis, Ill., assignor to Carter Carburetor Corporation, St. Louis, Mo. Automatic starting device. 2,053,094; Sept. 1.
- Markins, Yeager L. (See Howard, J. H., and Markins.)
- Markle, George B., Jr., Hazleton, Pa. Identification means for spools and bobbins. 2,061,365; Nov. 17.
- Markley, Jonathan. (See Woodruff, M. D., Mechlin, and Markley.)
- Markley, Richard, Jr., Malvern, Pa. Milk cooling apparatus. 2,039,235; Apr. 28.
- Markley, Richard, Jr., Malvern, Pa. Refrigerating coil. 2,056,862; Oct. 6.
- Marklin Apparatebau Gesellschaft mit beschränkter Haftung. (See Markwart, Walter, assignor.)
- Markowicz, Frank, Detroit, Mich. Scriber indicator. 2,029,665; Feb. 4.
- Markowitz, Abe H., Los Angeles, Calif. Paper feeding and cutting apparatus. 2,050,350; Aug. 11.
- Markowitz, Adolph. (See Keech, F. G., and Markowitz.)
- Marks, Alexander A., Philadelphia, Pa. Control mechanism. 2,041,559; May 19.
- Marks, Bernard M., Arlington, N. J., assignor to Dupont Viscoloid Company, Wilmington, Del. Modified compositions. 2,051,877; Aug. 25.
- Marks, Gerald E. (See Sherman, Elmer W., assignor.)
- Marks, Gus, et al. (See Hirst, Edwin P., assignor.)
- Marks, Herbert E., Sewickley, Pa. Wall and ceiling structure. 2,030,098; Apr. 28.
- Marks, Herbert E., Sewickley, Pa. Wall construction. 2,030,217; Feb. 11.
- Marks, Herbert E., Sewickley, Pa. Plaster base. 2,056,288; Oct. 6.
- Marks, Herbert E., Sewickley, Pa. Wall structure. 2,056,289; Oct. 6.
- Marks, Isidore, Boston, Mass. Toy piano. 2,052,890; Sept. 1.
- Marks, Joseph D., assignor to Berkshire Knitting Mills, Wyomissing, Pa. Fabric take-off device. 2,057,199; Oct. 13.
- Marks, Leland A., Yreka, Calif. Exposure gauge. 2,061,974; Nov. 24.
- Marks, Meyer S. (See Pohl, Ernest F., assignor.)
- Marks Products Co. Inc. (See Smith, Christopher I., assignor.)
- Marks, William S., Jr., Fort Monmouth, N. J. System of screen grid modulation. 2,043,255; June 9.
- Markush, Eugene A., Jersey City, N. J., assignor to Pharma Chemical Corporation, New York, N. Y. Tetrazolmino compounds. 2,055,547; Sept. 29.
- Markush, Eugene A., Jersey City, M. S. Mayzner, Asbury Park, and J. Miller, Newark, N. J., assignors to Pharma Chemical Corporation, New York, N. Y. Compounds suitable for dyeing and printing. 2,049,216; July 28.
- Markwart, Walter, Chemnitz Niederwiesau, assignor to Marklin Apparatebau Gesellschaft mit beschränkter Haftung, Chemnitz, Germany. Carburetor. 2,029,666; Feb. 4.



- Markwick, Frederick H., assignor, by mesne assignments, to Sheffield Gage Corporation, Dayton, Ohio. Gauge holder. 2,035,082; Mar. 24.
- Markworth, Ernst. (See Debuch, C. P., and Markworth.)
- Marland, Arthur, Norristown, Pa., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Fluid container and welding the same. 2,039,255; Apr. 28.
- Marles, Henry, assignor to Gemmer Manufacturing Company, Detroit, Mich. Universal joint for tie rods. 2,048,803; July 28.
- Marlies, Charles A., and G. E. White, assignors of one-half to B. S. Teschner, New York, N. Y. Plated metal having carbide surface. 2,048,276; July 21.
- Marlin-Rockwell Corporation. (See Barish, Thomas, assignor.)
- Marlman, Ethel P., Las Animas, Colo. Device for killing fur-bearing animals. 2,059,127; Oct. 27.
- Marlow, Alfred S. (See Stratton, Albert C., assignor.)
- Marlow, Frederick W. (See Peterkin, J. E., and Marlow.)
- Marlowe, Harold J., Brooklyn, N. Y., assignor to Jackomatic Corporation. Vehicle jack. 2,029,179; Jan. 28.
- Marlowe, Harold J., Brooklyn, N. Y., assignor to Jackomatic Corporation. Valve structure for pumping systems. 2,064,265; Dec. 15.
- Marlsdale, George, Los Angeles, Calif. Lawn seed and fertilizer distributor. 2,065,717; Dec. 29.
- Marmon-Herrington Company. (See Herrington, Arthur W., assignor.)
- Marmorstein, Henry S., Jersey City, N. J., and R. A. Neuschotz, New York, N. Y., said Neuschotz assignor to said Marmorstein. Conveying device. 2,059,007; Oct. 27.
- Marotte, Maurice L., assignor of one-fourth to A. Bamberger, and one-fourth to F. L. Woods, Carlisle, Pa. Vacuum sweeper. 2,027,602; Jan. 14.
- Marple, Matthias M., U. S. Navy. Open sight. 2,054,090; Sept. 15.
- Marquard, Frank F., Clairton, Pa. Coal constituents for coking. 2,049,814; Aug. 4.
- Marquardt Company. (See Noel, Burt R., assignor.)
- Marquardt, Frank C., Brooklyn, assignor to American Bank Note Company, New York, N. Y. Delivery mechanism for rotary steel plate printing machines. 2,035,903; Mar. 31.
- Marquardt, Frank C., assignor to American Bank Note Company, New York, N. Y. Rotary web undersurface printing machine. 2,052,638; Sept. 1.
- Marquart, Frank, Cleveland, Ohio. Electrical connector. 2,059,008; Oct. 27.
- Marquis, Grace F. (See Cavaglieri, Giuseppe, assignor.)
- Marquis, Louis, Jr., assignor to R. Goldberg, Wuppertal-Elberfeld, Germany. Firearm. 2,046,523; July 7.
- Marr, George M., assignor to Air Conditioners, Inc., New York, N. Y. Convection type electric radiator. 2,062,466; Dec. 1.
- Marr, William H., Glenshaw, Pa. Reversing gear mechanism. 2,036,226; Apr. 7.
- Marra, Joseph, and M. M. Marra, Elkton, Md., now by judicial change of name J. Mars and M. M. Mars. Torpedo firing pistol. 2,051,564; Aug. 18.
- Marra, Marie M. (See Marra, Joseph and M. M.)
- Marrazzo, Domenico, Brooklyn, N. Y. Combined comb and hair cutter. 2,034,262; Mar. 17.
- Marresford, Eugene F., assignor to National Biscuit Company, New York, N. Y. Biscuit unloader. 2,034,108; Mar. 17.
- Marresford, Eugene F., Brooklyn, N. Y., assignor to National Biscuit Company, New York, N. Y. Speed synchronizing device. 2,062,136; Nov. 24.
- Marriott, Alexander D., Jr. (See Carstens, C. E., Dyrenforth and Marriott.)
- Marrs, George O., Denver, Colo. Recovering flour gold. 2,065,818; Dec. 29.
- Mars, Joseph (by judicial change of name). (See Marra, Joseph and M. M.)
- Mars, Marie M., (by judicial change of name). (See Marra, Joseph and M. M.)
- Marsala, Joseph C., Watertown, N. Y. Illuminated locked license plate container. 2,045,863; June 30.
- Marschalk, Frederick F., Augusta, Ga. Dental instrument. 2,031,273; Feb. 18.
- Marsden, Charles P., Bloomfield, N. J., assignor to Hygrade Sylvania Corporation, Salem, Mass. Cathode ray tube. 2,032,760; Mar. 3.
- Marsden, Charles P., Bloomfield, N. J., assignor to Hygrade Sylvania Corporation, Salem, Mass. Fluorescent coating method. 2,032,761; Mar. 3.
- Marsden, George B., Los Angeles, Calif. Radio tuning system. 2,031,841; Feb. 25.
- Marsden, William H., Chicago, Ill. Ullage rod. 2,040,701; May 12.
- Marsal, Paul A., Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Galvanic cell. 2,060,818; Nov. 17.
- Marseilles, Anthony, Mystic, Conn. Cultivator. 2,040,751; May 12.
- Marsella, Ferdinando. (See Marsella, Philip F. and F.)
- Marsella, Philip F. and F., Seneca Falls, N. Y. Glass cutting appliance. 2,058,091; Oct. 20.
- Marsella, Philip F. and F., Seneca Falls, N. Y. Glass cutting appliance. 2,058,092; Oct. 20.
- Marsellus Casket Co. (See Marsellus, John C., assignor.)
- Marsellus, John C., assignor to Marsellus Casket Co., Inc., Syracuse, N. Y. Retaining strap for covers or the like. 2,063,256; Dec. 8.
- Marsh, Austin G., Pueblo, Colo. Balancing weight. 2,049,918; Aug. 4.
- Marsh, C. A., & Co. (See Metcalf, Alpha H., assignor.)
- Marsh, Esli A., and A. M. Schlaegel, Oswego, assignors to St. Regis Paper Company, New York, N. Y. Method and apparatus for weighing and packaging material. 2,051,565; Aug. 18.
- Marsh, Fayette E., and C. H. Andersen, assignors to C. V. Price, Los Angeles, Calif. Article and method by which "Ben Day" tones are photographically produced. 2,044,991; June 23.
- Marsh, Frank L. (See Best, J. C., and Marsh.)
- Marsh, Frank L., assignor to The Best Brothers Keen's Cement Company, Medicine Lodge, Kans. Decolorizing gypsum. 2,031,898; Feb. 25.
- Marsh, Hallan N., Huntington Park, Calif. Weight for load balancing cranks. 2,036,592; Apr. 7.
- Marsh, Harold, Pawtucket, R. I., assignor to Draper Corporation, Hopedale, Mass. Warp stop motion. 2,028,723; Jan. 21.
- Marsh, Harry E., Cleveland Heights, assignor to Marsh Wall Tile Company, Dover, Ohio. Price tag molding. 2,043,760; June 9.
- Marsh, Howard E., Ventura, Calif. Hydraulic brake. 2,030,308; Feb. 11.
- Marsh, Jas. P., Corporation. (See Beggs, Paul W., assignor.)
- Marsh, Leona E. (See Renfrew, P. B., and Marsh.)
- Marsh, Marion I., executrix. (See Marsh, William G.)
- Marsh, Philip H. (See Harder, Joseph W., assignor.)
- Marsh, Reginald E., Bronxville, N. Y., assignor to Simphon Products Corporation. Wall bracket. 2,064,984; Dec. 22.
- Marsh Wall Tile Company. (See Marsh, Harry E., assignor.)
- Marsh, Walter D., East Hartford, Conn., assignor to Veeder-Root Incorporated. Revolution counter. 2,038,946; Apr. 28.
- Marsh, William G., deceased, by M. I. Marsh, executrix, Toronto, Ontario, Canada. Fish lure. 2,053,954; Sept. 8.
- Marshall, Bertrand D., assignor to General Motors Corporation, Detroit, Mich. Gear cutter. 2,033,384; Mar. 10.
- Marshall, Charles E. (See Sebire, Benjamin T., assignor.)
- Marshall, Charles H. (See Tour, S., and Marshall.)
- Marshall, Charles O., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Computing weighing scale. 2,030,013; Feb. 4.
- Marshall, Charles O., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Volumetric testing device. 2,049,269; July 28.
- Marshall, Charles X., Chicago, Ill. Lawn canopy. 2,029,886; Feb. 4.
- Marshall, Clifford L., assignor to Mono Service Co., Newark, N. J. Paper container. 2,033,724; Mar. 10.
- Marshall, Clifford L., assignor to Mono Service Co., Newark, N. J. Paper container. 2,033,775; Mar. 10.
- Marshall, Clifford L., assignor to Mono Service Co., Newark, N. J. Paper container. 2,053,726; Sept. 8.
- Marshall, Clinton E., New York, N. Y. Lipstick case. 2,055,203; Sept. 22.
- Marshall, Clinton E., New York, N. Y. Clip for tubular caps. 2,065,010; Dec. 22.
- Marshall, Ernest W., and L. B. Holt, Laconia, N. H., assignors to Scott & Williams, Incorporated, New York, N. Y. Knitting machine. 2,040,946; May 19.
- Marshall Field Mills Corporation. (See Clark, Eugene F., assignor.)
- Marshall, Frank, and R. M. Organ, Girard, Ill. Baseball scoring device. 2,063,612; Dec. 8.
- Marshall, Frank G., Fortuna, Mo. Chinch bug destroying machine. 2,043,761; June 9.
- Marshall, George A., Portland, Oreg. Garden tool. 2,049,713; Aug. 4.
- Marshall, George F., New Rochelle, N. Y. Speed testing device for motor vehicles. 2,032,489; Mar. 3.
- Marshall, George H., Providence, R. I. Bracelet. 2,064,934; Dec. 22.
- Marshall, George P. (See De Sibour, J. H., and Marshall.)
- Marshall, Harold F., Palmyra, assignor to Warren Webster & Company, Camden, N. J. Heating riser. 2,052,719; Sept. 1.
- Marshall, Harry W., Los Angeles, Calif. Cinematographic projector. 2,055,696; Sept. 29.
- Marshall, Henry H., Jr., Garden City, assignor to Humath Co., Inc., New York, N. Y. Applicator for powdered medicaments. 2,030,176; Feb. 11.
- Marshall, Irl H., Racine, Wis. Machine for producing fabric cleaners. 2,058,093; Oct. 20.
- Marshall, James K. (See Ziska, A., and Marshall.)
- Marshall, John L., assignor to United Hosiery Mills Corporation, Chattanooga, Tenn. Twisting attachment. 2,061,913; Nov. 24.
- Marshall, John R., Yorkville, Ill. Nonrefillable bottle. 2,045,278; June 23.
- Marshall, Joseph R., Jr. (See Kem, H. D., and Marshall, Jr.)
- Marshall, Paul M., Constantine, Mich. Farm tractor. 2,059,261; Nov. 3.
- Marshall, William. (See Lednum, J. M., and Marshall.)
- Marshall, William, assignor to Briggs Manufacturing Company, Detroit, Mich. Trim panel assembly. 2,026,585; Jan. 7.
- Marshall, William, assignor to Briggs Manufacturing Company, Detroit, Mich. Spring seat. 2,034,109; Mar. 17.



- Marshall, William H., Knoxville, Tenn. Hasp keeper. 2,046,078; June 30.
- Marsino, Harold A., Northfield, N. J. Electric lamp attachment. 2,056,682; Oct. 6.
- Marston, Candace C., Bungay, England. Grain scouring and polishing machine. 2,041,361; May 19.
- Marston, Curtis A., Sacramento, Calif. Counting system. 2,048,192; July 21.
- Marston, Richard J. (See Baker, Ernest E., assignor.)
- Marston, Weaver L., Devon, Pa. Obtaining an animal oil from crude mixtures containing water. 2,032,543; Mar. 3.
- Mart, Leon T., Johnson County, Kans. Cooling tower. 2,052,783; Sept. 1.
- Martel, Edgar J., Laconia, N. H. Knitting machine. 2,026,745; Jan. 7.
- Martel, Edgar J., Laconia, N. H. Stocking with elastic areas. 2,050,535; Aug. 11.
- Martellotti, Mario E. (See Ernst, H., Martellotti, and Archea.)
- Martelock, Charles, Berkeley, Calif. Dump hoist. 2,034,147; Mar. 17.
- Marten, Elmer W., Los Angeles, Calif. Wall and floor construction. 2,042,113; May 26.
- Marten-Gwilliam, Vivian C. E., Aldeburgh, England. Securing material to boards and tablets. 2,048,346; July 21.
- Marten, Thomas H., Toronto, Ontario, Canada. Davit mechanism device for launching lifeboats. 2,028,513; Jan. 21.
- Martenson, Aclof E., et al. (See Bergquist, Arthur E., assignor.)
- Marti, Edmond. (See Hale, Frank S., assignor.)
- Marti, Othmar K., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rectifier anode. 2,038,497; Apr. 21.
- Martin, Archworth. (See Ford, Elmer A., assignor.)
- Martin, Archworth. (See Sievern, Fredrick, assignor.)
- Martin Band Instrument Co., The. (See Moore, Aston L., assignor.)
- Martin-Binachon, Jean, Pont-Salomon, France, assignor to General Motors Corporation, Detroit, Mich. Stabilizing device for vehicles. 2,063,719; Dec. 8.
- Martin Brothers Company. (See Hanson, Helen M., assignor.)
- Martin Brothers Electric Company, The. (See Martin, Wendell L., assignor.)
- Martin, Carlisle, Pershing, Okla. Toy. 2,039,731; May 5.
- Martin, Cecil. (See Hall, James E. L., assignor.)
- Martin, Charles. (See Bradshaw, Charles E., assignor.)
- Martin, Charles A., assignor to H. S. Strauss, Chicago, Ill. Regulating system. 2,037,082; Apr. 14.
- Martin, Charles B., Los Angeles, Calif. Planetarium. 2,050,351; Aug. 11.
- Martin, Charles C., East Cleveland, assignor to David Round & Son, Garfield Heights, Ohio. Winch. 2,042,674; June 2.
- Martin, Charles L., assignor to Indera Mills Company, Winston-Salem, N. C. Knit garment. 2,052,784; Sept. 1.
- Martin, Clarence C., Portland, Ind. Banana knife. 2,055,256; Sept. 22.
- Martin, Claud W. (See Muirhead, W. H., and Martin.)
- Martin, Clement V., Dayton, Ohio. Mophead fastener. 2,033,041; Mar. 3.
- Martin, Clifford, Interlachen, Fla. Apparatus for the transportation of perishable products. 2,054,723; Sept. 15.
- Martin-Copeland Company. (See Martin, Laurence C., assignor.)
- Martin-Decker Corporation. (See Martin, Walter R., assignor.)
- Martin, Donato. (See Aramendia, Frank C., assignor.)
- Martin, Dr. E. A. (See Ouellet, Léo C., assignor.)
- Martin, E. Cornell, et al., trustees. (See Martin, Laurence C., assignor.)
- Martin, E. Stanley, executors et al. (See Nebel, Ernst O.)
- Martin, Edgar W., et al, trustees. (See Martin, Laurence C., assignor.)
- Martin, Edward J. (See Rassweiler, G. M., and Martin.)
- Martin, Edward J., Ferndale, Mich., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Quantitative spectroscopic analysis and apparatus therefor. 2,043,053; June 2.
- Martin, Edward J., East Chicago, Ind., assignor to Sinclair Refining Company, New York, N. Y. Refining of oils. 2,046,177; June 30.
- Martin, Erle. (See Caldwell, F. W., and Martin.)
- Martin, Erle, Hartford, Conn., assignor, by mesne assignments, to United Aircraft Corporation. Spinner. 2,046,522; July 7.
- Martin, Ernest J., New Rochelle, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Lipstick holder. 2,054,826; Sept. 22.
- Martin, Floyd L., Laona, Wis. Inclinator. 2,030,068; Feb. 11.
- Martin, Friedrich, Oberhausen, W. Grimme, Oberhausen-Sterkrade, and A. Köppelmann, Oberhausen-Holten, Germany. Aluminum catalyst. 2,057,306; Oct. 13.
- Martin, George D., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, Wilmington, Del. Rubber composition. 2,054,483; Sept. 15.
- Martin, George J. (See Broback, J. I., and Martin.)
- Martin, Glenn L., Company, The. (See Helwig, Drew M., assignor.)
- Martin, Henry F., assignor of one-tenth to C. E. Wisner and forty-five one-hundredths to R. J. Silden, Detroit, Mich. Rotary pump. 2,036,711; Apr. 7.
- Martin, Herbert E., Cumberland, Md., assignor to Celanese Corporation of America. Colorless organic derivatives of cellulose. 2,059,380; Nov. 3.
- Martin, Herbert E., Cumberland, Md., assignor to Celanese Corporation of America. Treatment of substitution derivatives of cellulose. 2,059,381; Nov. 3.
- Martin, Herbert E., Cumberland, Md., assignor to Celanese Corporation of America. Concentrating aqueous aliphatic acids recovered from cellulose esterification processes. 2,063,940; Dec. 15.
- Martin, Herschel B., Brooklyn, N. Y., assignor to Radio Corporation of America. Switching. 2,036,712; Apr. 7.
- Martin, Jacob F., Bellevue, Ohio. Carrier. 2,051,265; Aug. 18.
- Martin, Jacob F., assignor to The Bellevue Manufacturing Company, Bellevue, Ohio. Motor vehicle exhaust pipe extension. 2,047,378; July 14.
- Martin, James V., Garden City, N. Y. Aero and auto tire. 2,050,352; Aug. 11.
- Martin, Jesse A., Los Angeles, Calif. Gas ignition means. 2,038,749; Apr. 28.
- Martin, Joe L., Berryville, Ark. Hub cap. 2,050,107; Aug. 4.
- Martin, John F. (See Lang, G. J., Martin, and Crocker.)
- Martin, John F., Springfield, and L. P. Kongsted, Longmeadow, assignors to United American Bosch Corporation, Springfield, Mass. Dynamo-electric machine. 2,057,241; Oct. 13.
- Martin, John N., Tulsa, Okla., assignor to Bradford Motor Works, Bradford, Pa. Pump anchor. 2,027,783; Jan. 14.
- Martin, John R., Blue Hill, Nebr. Egg case carrier. 2,049,568; Aug. 4.
- Martin, Josef, Munich, Germany. Ash removing mechanism. 2,037,990; Apr. 21.
- Martin, Joseph, New York, assignor to United States Cabinet Bed Co., Brooklyn, N. Y. Bed couch. 2,051,959; Aug. 25.
- Martin, Kingsley L., Montclair, N. J. Water tube boiler construction. 2,037,424; Apr. 14.
- Martin, Kingsley L., Montclair, N. J. Atomizer. 2,044,091; June 16.
- Martin, Laurence C., assignor to Martin-Copeland Company, Providence, R. I. Ophthalmic mounting. 2,034,406; Mar. 17.
- Martin, Laurence C., Providence, R. I., assignor to Martin-Copeland Company, Providence, R. I. Ophthalmic mounting. 2,045,916; June 30.
- Martin, Laurence C., assignor to Martin-Copeland Company, Providence, R. I.: E. W. Martin, E. C. Martin, L. C. Martin, and G. W. Bleeker, trustees. Ophthalmic mounting. 2,060,094; Nov. 10.
- Martin, Lawrence F. (See Britton, E. C., and Martin.)
- Martin, Lawrence R. (See Lyman, D. F., and Martin.)
- Martin, Louis D., assignor to Eastman Kodak Company, Rochester, N. Y. Cam follower for a strip advancing mechanism. 2,029,930; Feb. 4.
- Martin, Marie, Riverside, assignor to the H. W. Gossard Company, Chicago, Ill. Brassière. 2,060,998; Nov. 17.
- Martin, Mark H., Reading, assignor to Birdsboro Steel Foundry & Machine Company, Birdsboro, Pa. Car truck. 2,040,180; May 12.
- Martin, Mark H., Reading, assignor to Birdsboro Steel Foundry & Machine Company, Birdsboro, Pa. Car truck. 2,052,639; Sept. 1.
- Martin, Mark H., Reading, assignor to Birdsboro Steel Foundry & Machine Company, Birdsboro, Pa. Car truck. 2,052,640; Sept. 1.
- Martin, Marvin G., assignor to The J. G. Brill Company, Philadelphia, Pa. Metal door. 2,029,432; Feb. 4.
- Martin, Newton E., Leola, Pa. Warp beam flange. 2,046,028; June 30.
- Martin, Oliver C., Westfield, N. J., and C. W. Clark, Montreal West, Quebec, Canada. Treating refinery sludges or slimes containing selenium and tellurium. 2,039,256; Apr. 28.
- Martin, Otto V., assignor to Texaco Salt Products Company, Tulsa, Okla. Recovery of salts and other products from oil field brines. 2,034,681; Mar. 17.
- Martin, Otto V., Tulsa, Okla., assignor to Texaco Salt Products Company, New York, N. Y. Preparation of metallic chlorides. 2,034,682; Mar. 17.
- Martin-Parry Corporation. (See Buquor, Adolph P., assignor.)
- Martin, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Power limiting apparatus. 2,058,610; Oct. 27.
- Martin, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,059,888; Nov. 3.
- Martin, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,062,521; Dec. 1.
- Martin, Perry S., Harrisonburg, Va. Drinking fountain. 2,031,723; Feb. 25.
- Martin, Perry S., Harrisonburg, Va. Brooder. 2,061,712; Nov. 24.
- Martin, Richard. (See Patterson, G. A., and Martin.)
- Martin, Ross, and A. C. Arbogast, Elkhart, Ind. Flushing valve. 2,038,229; Apr. 21.
- Martin, Samuel. (See Humphrey, George F., assignor.)
- Martin & Schwartz, Inc. (See Nelson, David J., assignor.)



- Martin, Stephen L., Cleveland, Ohio. Bell operating mechanism for blast furnace tops. 2,058,706; Oct. 27.
- Martin, Stewart K., and W. C. Martin, Toledo, Ohio. Dispenser. 2,051,146; Aug. 18.
- Martin, Thomas A., Ozone Park, N. Y. Automobile service lift. 2,061,975; Nov. 24.
- Martin, Thomas J., assignor to Superior Meter Company, Brooklyn, N. Y. Gas meter. 2,051,878; Aug. 25.
- Martin Trailer Company, The. (See Swift, Howard E., assignor.)
- Martin, Walter H. (See Peabody, E. H., and Martin.)
- Martin, Walter C., Florence, Ala. Porch rocking chair. 2,046,644; July 7.
- Martin, Walter R., assignor to Martin-Decker Corporation, Long Beach, Calif. Measuring fluid pressures. 2,037,425; Apr. 14.
- Martin, Wendell L., Cleveland, Ohio. Drier. 2,026,991; Jan. 7.
- Martin, Wendell L., assignor to The Martin Brothers Electric Company, Cleveland, Ohio. Drying apparatus. 2,026,992; Jan. 7.
- Martin, Wendell L., assignor to The Martin Brothers Electric Company, Cleveland, Ohio. Drying apparatus. 2,027,603; Jan. 14.
- Martin, Wendell L., assignor to The Martin Brothers Electric Company, Cleveland, Ohio. Portable drying machine. 2,063,896; Dec. 15.
- Martin, Wesley G., assignor to A. O. Smith Corporation, Milwaukee, Wis. Enameling. 2,039,178; Apr. 28.
- Martin, Wilfred S. (See Snoddy, A. O., and Martin.)
- Martin, William C. (See Martin, Stewart K., and W. C.)
- Martin, William C., Youngstown, Ohio. Guardrail construction. 2,047,991; July 21.
- Martin, William E., Denver, Colo. Combined flashlight and warning signal. 2,049,069; July 28.
- Martin, William H., Detroit, Mich. Welding machine. 2,042,322; May 26.
- Martin, William H., Detroit, Mich. Electric welder. 2,063,257; Dec. 8.
- Martin, William H., Detroit, Mich. Welding apparatus. 2,063,258; Dec. 8.
- Martin, William J., Nutley, N. J. Lineholder. 2,043,299; June 9.
- Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Suction cleaner nozzle and brush. 2,034,196; Mar. 17.
- Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Beater. 2,042,791; June 2.
- Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Food preparer. 2,063,692; Dec. 8.
- Martinet, Wendell A., Los Angeles, Calif. Liquid dispensing device. 2,058,027; Oct. 20.
- Martinez, Edward L., Dedham, Mass. Fly box. 2,065,234; Dec. 22.
- Martinez, Jose, New York, N. Y., assignor of one-half to J. H. Brown, Coytesville, N. J. Sign apparatus. 2,033,478; Mar. 10.
- Martinez, Marie, Memphis, Tenn. Curtain fixture. 2,030,309; Feb. 11.
- Martino, Leonardo, Providence, R. I. Starting mechanism. 2,065,948; Dec. 29.
- Martinson, Carl J., Wayzata, Minn. Double glazing window sash and doors. 2,029,541; Feb. 4.
- Martocello, Joseph A., Philadelphia, Pa. Valve for aerating systems. 2,062,896; Dec. 1.
- Martorell, Joaquin, New York, N. Y. Safety razor and blade. 2,052,785; Sept. 1.
- Martus, Martin L., Woodbury, E. H. Becker, and J. G. Ross, Waterbury, Conn. Primary cell. 2,030,177; Feb. 11.
- Martus, Martin L., Woodbury, and E. H. Becker, Waterbury, Conn. Primary cell. 2,048,347; July 21.
- Martus, Martin L., Woodbury, and E. H. Becker, Waterbury, Conn. Primary cell. 2,048,804; July 28.
- Marty, Adam, et al. (See Sacker, Frank, assignor.)
- Marty, Albert H., Cleveland Heights, Ohio. Wall construction. 2,056,359; Oct. 6.
- Marty, Mathew J., and R. H. Hausse, Chicago, Ill. Indicator and control for automobile heaters. 2,043,054; June 2.
- Marty, René H. C., Sevres, France. Reproducing sound from and re-recording sound films. 2,051,729; Aug. 18.
- Martyrer, Egon, Frankenthal, and R. Haeckel, Worms, Germany. Hydrodynamic power transmission device. 2,037,252; Apr. 14.
- Martz, Charles S., et al. (See Richardson, William F., assignor.)
- Marvel Carbureter Company. (See Chandler, Milford G., assignor.)
- Marvel Carbureter Company. (See Croon, Herman V., assignor.)
- Marvel Carbureter Company. (See Emerson, John R., assignor.)
- Marvel Carbureter Company. (See Firth, David, assignor.)
- Marvel Carbureter Company. (See Kirby, Charles H., assignor.)
- Marvel, Carl S. (See Adams, R., Eatough, and Marvel.)
- Marvel, Carl S. (See Dietrich, M. A., and Marvel.)
- Marvel, Carl S., Urbana, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fuel. 2,031,497; Feb. 18.
- Marvel, Carl S., Urbana, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of animal and vegetable fats and oils. 2,047,642; July 14.
- Marvin, Harry B., Schenectady, N. Y., assignor to General Electric Company. Colorimeter. 2,046,958; July 7.
- Marvin, John T., assignor to The Patrol Valve Company, Cleveland, Ohio. Relief valve. 2,040,776; May 12.
- Marvin, John T., assignor to The Cleveland Heater Company, Cleveland, Ohio. Gas cock. 2,043,971; June 9.
- Marvin, Orrin F., assignor to Mills Alloys, Inc., Los Angeles, Calif. Making tungsten carbide castings. 2,028,911; Jan. 28.
- Marvin, Valda K., Detroit, Mich. Bath rug. 2,055,629; Sept. 29.
- Marx, Charles O., Baldwin, N. Y. Portable cold beer dispenser. 2,040,664; May 12.
- Marx, Curt, New York, N. Y. Utility cutter tool. 2,050,439; Aug. 11.
- Marx, Erich, Frankfurt-on-the-Main, Germany. Grindstone mold. 2,033,249; Mar. 10.
- Marx, Erwin, Brunswick, Germany. Converting alternating current into direct current and vice versa. 2,041,663; May 19.
- Marx, Frank A., assignor to The Richardson Taylor-Globe Corporation, Cincinnati, Ohio. Dispensing and advertising container. 2,027,645; Jan. 14.
- Marx, Frank A., assignor to The Richardson Taylor-Globe Corporation, Cincinnati, Ohio. Package. 2,060,513; Nov. 10.
- Marx, Karl F., Dearborn, Mich. Propulsion mechanism for watercraft. 2,056,475; Oct. 6.
- Marx, Louis, & Company. (See Fleishman, M., and Heppner, assignors.)
- Marx, Louis, & Company. (See Heppner, John W. K., assignor.)
- Marx, Louis, & Company. (See Lohr, Raymond, assignor.)
- Marx, Louis, New York, N. Y. Toy railroad depot with crossing gate. 2,035,487; Mar. 31.
- Marx, Louis, New York, N. Y. Sparking gyroscope. 2,039,819; May 5.
- Marx, Louis, New York, N. Y. Electrically lighted gasoline station toy. 2,040,521; May 12.
- Marx, Louis, New York, N. Y. Toy. 2,040,522; May 12.
- Marx, Louis, New York, N. Y. Toy fire house. 2,050,892; Aug. 11.
- Marx, Louis, New York, N. Y. Siren equipped toy firearm. 2,053,672; Sept. 8.
- Marx, Louis, New York, N. Y. Railroad toy. 2,055,846; Sept. 29.
- Marx, Louis, New York, N. Y. Futuristic toy weapon. 2,055,847; Sept. 29.
- Marx, Louis, New York, N. Y. Toy pursuit car. 2,055,848; Sept. 29.
- Marx, Louis, New York, N. Y. Roller skate. 2,058,164; Oct. 20.
- Marx, Louis, New York, N. Y. Signal system for toy railroad trains. 2,064,311; Dec. 15.
- Marx, Walter S., Jr., Port Washington, N. Y. Preparing printing plates. 2,048,876; July 28.
- Marxman, Carl, Rochelle, Ill. Corn picker snapping roll. 2,041,139; May 19.
- Masbach, Jean E., New York, N. Y. Indicating device. 2,032,807; Mar. 3.
- Mascarenhas, Eneas G., Minas, Brazil. Packing device. 2,047,790; July 14.
- Maschinenfabrik a. d. Sihl A. G. vorm. A. Schmid. (See Lauchenaue, Hermann, assignor.)
- Maschinenfabrik Augsburg-Nuernberg A. G. (See Becher, Theodor, assignor.)
- Maschinenfabrik Augsburg-Nuernberg A. G. (See Breitwieser, Heinrich, assignor.)
- Maschinenfabrik Augsburg-Nuernberg A. G. (See Dellmann, Hans, assignor.)
- Maschinenfabrik Augsburg-Nuernberg A. G. (See Jag-schitz, Konrad, assignor.)
- Maschinenfabrik Augsburg-Nürnberg A. G. (See Kreuzer, Alois, assignor.)
- Maschinenfabrik Augsburg-Nurnberg A. G. (See Mayer, Max, assignor.)
- Maschinenfabrik Augsburg-Nurnberg A. G. (See Pielstick, Gustav, assignor.)
- Maschinenfabrik Ruti vormals Caspar Honegger. (See Egli, E., and Schoch, assignors.)
- Maschmeijer, A., Jr. Inc. (See Maschmeijer, A. J. H., and Takens, assignors.)
- Maschmeijer, August J. H., Amsterdam, and E. Takens, Ouderkerk, near Amsterdam, Netherlands, assignors to A. Maschmeijer Jr. Inc., New York, N. Y. Manufacturing methyl ether of tertiary butyl meta cresol. 2,038,947; Apr. 28.
- Maschuch, Joseph J., Newark, N. J. Interference preventing cable. 2,028,793; Jan. 28.
- Mashbir, Sidney F. (See Peters, Melville F., assignor.)
- Masin, Joseph, and I. D. Richheimer, assignors to Triculator Company Inc., New York, N. Y. Vacuum coffee making apparatus. 2,038,119; Apr. 21.
- Maslin, Albert J. (See Rose, H. A., and Maslin.)
- Maslowski, John M., Chazy, N. Y. Adjustable seat. 2,041,615; May 19.
- Masnou, Maurice, Paris, France, assignor to General Electric Company. Electric current rectifier. 2,042,542; June 2.
- Mason Box Company, The. (See Gustafson, C. E., and Holbrook, assignors.)
- Mason Can Company. (See Lawson, Herbert D., assignor.)



- Mason, Charles R. (See Traver, O. C., and Mason.)  
 Mason, Donald W., Eugene, Oreg. Tire and rim. 2,027,282; Jan. 7.  
 Mason, Edwin L., Flint, Mich. Safety switch. 2,056,052; Sept. 29.  
 Mason, Eugene G., Washington, D. C., assignor to Continental Can Company, Inc., New York, N. Y. Can piercing device. 2,037,036; Apr. 14.  
 Mason, Florence E., Atlantic City, N. J. Sectional mattress for invalids. 2,046,645; July 7.  
 Mason, Frank N., South Brownsville, Pa. Rod packing. 2,050,620; Aug. 11.  
 Mason, Frank R. et al. (See O'Gorden, Garry M., assignor.)  
 Mason, Gilmore, Yonkers, assignor of one-half to L. A. Hall, Scarsdale, N. Y. Steam control apparatus. 2,041,296; May 19.  
 Mason, Henry L. (See Newell, F. B., and Mason.)  
 Mason, Howard F., Los Angeles, Calif. Elevator door opening apparatus. 2,053,799; Sept. 8.  
 Mason, John A., Baltimore, Md., assignor, by mesne assignments, to Koppers Company. Gasholder. 2,066,297; Dec. 29.  
 Mason Neilan-Regulator Company. (See Colby, Harold L.)  
 Mason-Neilan Regulator Company. (See Dahl, Edward T., assignor.)  
 Mason and Parker Manufacturing Co. (See Tornquist, Harold S., assignor.)  
 Mason, Ralph B., New Kensington, and M. Tosterud, Arnold, assignors to Aluminum Company of America, Pittsburgh, Pa. Producing bright surfaces on aluminum. 2,040,617; May 12.  
 Mason, Ralph B., New Kensington, and M. Tosterud, Arnold, assignors to Aluminum Company of America, Pittsburgh, Pa. Producing bright surfaces on aluminum. 2,040,618; May 12.  
 Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,045,991; June 30.  
 Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Building construction. 2,031,568; Feb. 18.  
 Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Apparatus for making corrugated vegetable-fiber. 2,058,333; Oct. 20.  
 Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Corrugated vegetable-fiber board and making same. 2,058,334; Oct. 20.  
 Mason, William H., and C. H. Westphalen, assignors to Masonite Corporation, Laurel, Miss. Pressure inversion process of making hard board products. 2,046,750; July 7.  
 Mason, William K., Malden, assignor, by mesne assignments, to American Electrical Corporation of Massachusetts, Boston, Mass. Electric switch. 2,037,730; Apr. 21.  
 Mason, William T., and H. J. Coleman, LaSalle, Ill., said Coleman assignor to said Mason. Bottle cap and making same. 2,030,884; Feb. 18.  
 Masonite Corporation. (See Mason, William H., assignor.)  
 Masonite Corporation. (See Mason, W. H., and Westphalen, assignors.)  
 Masor, Barnett, Bronx, N. Y. Form for making concrete roads. 2,031,612; Feb. 25.  
 Massa, Ernest A., Jr., Haddon Heights, assignor of fifty-five per cent to Frank Massa, West Collingswood, N. J. Electrical measuring instrument. 2,059,594; Nov. 3.  
 Massa, Ernest A., Jr., Haddon Heights, assignor of fifty-five per cent to F. Massa, West Collingswood, N. J. Mechanism. 2,061,322; Nov. 17.  
 Massa, Frank. (See Massa, Ernest A., Jr., assignor.)  
 Massa, Frank. (See Olson, H. F., and Massa.)  
 Massachusetts Institute of Technology. (See Houghton, Henry G., Jr., assignor.)  
 Massachusetts Institute of Technology. (See Norton, Charles L., assignor.)  
 Masse, John B., Lawrence, Mass. Sleeve holder. 2,032,292; Feb. 25.  
 Massey, Andrew, and H. Hulick, Raleigh, N. C. Radio antenna. 2,045,398; June 23.  
 Massey Concrete Products Corporation. (See Alexander, Earl C., assignor.)  
 Massey Concrete Products Corporation. (See Horsch, Walter H., assignor.)  
 Massey, Edward M., Bryn Mawr, Pa., assignor to H. Thurston, Weehawken, N. J. Theatrical illusion. 2,034,407; Mar. 17.  
 Massey-Harris Company. (See Chambers, J., and Ego, assignors.)  
 Massey-Harris Company, The. (See Everett, Charles E., assignor.)  
 Massey-Harris Company. (See Johnston, Howard M., assignor.)  
 Massey Harris Company, The. (See Michael, Clement W., and W. E., assignors.)  
 Massey-Harris Company. (See Shenstone, Orborne H., assignor.)  
 Massey, Oscar, Clinton, Ill. Tractor guide. 2,060,740; Nov. 10.  
 Massini, Alvin A., Wheeling, W. Va. Apparatus for forming, folding, and banding paper strips. 2,031,053; Feb. 18.  
 Massini, Alvin A., Wheeling, W. Va. Tamperproof seal. 2,046,127; June 30.  
 Masson, Louis M., assignor to Omnium Financier pour l-Industrie et le Commerce Societe Anonyme, Paris, France. Change speed gear. 2,038,799; Apr. 28.  
 Massonneau, Robert F., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,039,654; May 5.  
 Mast, Eda, et al. (See Knight, Edward R., assignor.)  
 Mast, Joseph, Phoenix, Ariz. Necktie holder. 2,043,903; June 2.  
 Mastenbrook, Henry J., assignor to The Swartwout Company, Cleveland, Ohio. Fluid flow control. 2,039,099; Apr. 28.  
 Mastenbrook, Henry J., assignor to The Swartwout Company, Cleveland, Ohio. Drainage control. 2,062,672; Dec. 1.  
 Master Appliances, Incorporated. (See Sheetz, Robert Le R., assignor.)  
 Master Builders Company, The. (See Scripture, Edward W., Jr., assignor.)  
 Master Electric Company, The. (See Phelps, Clyde H., assignor.)  
 Master Metal Products, Inc. (See Geibel, John F., assignor.)  
 Master Metal Products, Inc. (See Pearson, Charles L., assignor.)  
 Master Tire and Rubber Corporation. (See Lerch, W. G., and Bryant, assignors.)  
 Master Venetian Blind Hardware Corporation. (See Nissen, Julius, assignor.)  
 Masterpiece Corporation. (See Mead, Homer A., assignor.)  
 Masterpiece Radio Corp. (See Amdur, Leon H., assignor.)  
 Masterson, Isobel, Seattle, Wash., and H. Dorman, Portland, Oreg., said Dorman assignor to G. W. Bowen, Jr., Seattle, Wash. Series envelope. 2,028,341; Jan. 21.  
 Masterson, Theodore L., Snyder, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Halogenated indigos. 2,036,487; Apr. 7.  
 Mastney, Edward J., Berwyn, assignor to Oak Manufacturing Company, Chicago, Ill. Vibrator. 2,065,597; Dec. 29.  
 Matchett, Mahlon M., Highland Park, Mich. Fixture for gears. 2,045,156; June 23.  
 Matchette, Louis D. (See Surtees, Robert E., assignor.)  
 Maten, Coert and S., Detroit, Mich. Cigarette case. 2,059,382; Nov. 3.  
 Maten, Stephen. (See Maten, Coert and S., assignors.)  
 Materials Protector Corporation. (See Freyberg, Ralph M., assignor.)  
 Materials Protector Corporation. (See Schneider, R., and Poelman, assignors.)  
 Materno, Arthur, Vienna, Austria. Dispensing container for toilet paper. 2,033,582; Mar. 10.  
 Matha, Henri, Algiers, Algeria. Lighting system for automobile vehicles. 2,037,863; Apr. 21.  
 Mathar, Josef, Aachen, assignor of one-half to Schumag Schumacher Metallwerke Aktiengesellschaft für Präzisionsmechanik, Aachen, Germany. Determining the stresses in structural elements and in completed constructions. 2,028,514; Jan. 21.  
 Mathée, Albert, Cologne-Bayenthal, Germany. Rail joint. 2,057,663; Oct. 20.  
 Matheos, Christ, et al. (See Suiter, William A., assignor.)  
 Matheos, James, et al. (See Suiter, William A., assignor.)  
 Mather, Alonzo C., Chicago, Ill. Combined side and platform for cars. 2,059,737; Nov. 3.  
 Mather, Alonzo C., Chicago, Ill. Apparatus for constructing airplane bodies. 2,062,591; Dec. 1.  
 Mathers, Joseph R., et al. (See Bush, William C., assignor.)  
 Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Synchronism correction for multiplex. 2,038,375; Apr. 21.  
 Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Radio receiving system. 2,041,846; May 26.  
 Mathes, Richard E., Westfield, N. J. assignor to Radio Corporation of America. Thermionic trigger device. 2,060,095; Nov. 10.  
 Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Synchronizing system. 2,062,069; Nov. 24.  
 Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Receiving system. 2,066,047; Dec. 29.  
 Mathes, Robert C. (See Ives, H. E., and Mathes.)  
 Mathes, Robert C., Wyoming, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulating system. 2,055,662; Sept. 29.  
 Mathes, Robert C., Wyoming, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrophotical image production. 2,058,898; Oct. 27.  
 Mathes, Wilhelm. (See Prahl, W., and Mathes.)  
 Matheson, George L., Elizabeth, N. J., assignor to Standard Oil Development Company. Viscous liquid for use in shock absorbers. 2,058,899; Oct. 27.  
 Matheson, Howard W., assignor to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Gramophone record. 2,062,815; Dec. 1.  
 Matheson, Ole, Provost, Alberta, Canada. Sawing machine. 2,057,157; Oct. 13.  
 Mathews Conveyor Company. (See Dean, W. L., and Lampard, assignors.)



- Mathews Conveyor Company. (See Parkhill, James R., assignor.)
- Mathews Conveyor Company. (See Sekulski, Lee, assignor.)
- Mathews, George W., and C. J. Beust, Orlando, Fla. Method and apparatus for preserving food products. 2,030,014; Feb. 4.
- Mathews, Wallace B. (See Watts, G. W., and Mathews.)
- Mathewson, Herbert R. (See Learnard, H. D., and Mathewson.)
- Mathewson, Wilfred B., North Weymouth, assignor to United Mattress Machinery Company, Quincy, Mass. Mattress-tufting machine. 2,048,348; July 21.
- Mathewson, Wilfred F. (See Tuscan, G. E., and Mathewson.)
- Mathey, Chester A., and P. F. Lewis, Tulsa, Okla., said Lewis assignor, by mesne assignments, to E. I. Du Pont de Nemours and Company. Measure meter. 2,060,233; Nov. 10.
- Mathias, Maximilian, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Counting mechanism. 2,040,702; May 12.
- Mathias, Robert, Ampere, N. J. Protective garment. 2,045,157; June 23.
- Mathias, Robert J., Cincinnati, Ohio. Centrifugal thermoelectric machine. 2,031,966; Feb. 25.
- Mathias, Robert J., Cincinnati, Ohio. Thermoelectric motor-generator. 2,031,967; Feb. 25.
- Mathias, Robert J., Cincinnati, Ohio. Thermoelectric turbine. 2,031,968; Feb. 25.
- Mathiesen, Marius, Chicago, assignor to J. H. Lee, River Forest, Ill. Tire spreading implement. 2,028,986; Jan. 28.
- Mathieson Alkali Works, Inc., The. (See Cunningham, George L., assignor.)
- Mathieson Alkali Works, Inc., The. (See Cunningham, G. L., and Losch, assignors.)
- Mathieson Alkali Works, Inc., The. (See Cunningham, G. L., MacMullin, and Robson, assignors.)
- Mathieson Alkali Works, Inc., The. (See Day, George G., assignor.)
- Mathieson Alkali Works, Inc., The. (See Glenn, Charles S., assignor.)
- Mathieson Alkali Works, Inc. (See Logan, John O., assignor.)
- Mathieson Alkali Works, Inc., The. (See MacMullin, Robert B., assignor.)
- Mathieson Alkali Works, Inc., The. (See Petroe, Gregory A., assignor.)
- Mathieson Alkali Works, Inc., The. (See Savell, Walter L., assignor.)
- Mathieson Alkali Works, Inc., The. (See Soule, Edward C., assignor.)
- Mathieson Alkali Works, Inc., The. (See Vincent, George P., assignor.)
- Mathieson Alkali Works, Inc., The. (See White, James F., assignor.)
- Mathieu, Eugene, Neuilly-sur-Seine, France. Carburetor. 2,031,379; Feb. 18.
- Mathieu, Gaston A., London, England, assignor to Radio Corporation of America. Ultra short wave carrier wave apparatus. 2,048,751; July 28.
- Mathieu, Gaston A., Shirehall Park, London, England, assignor to Radio Corporation of America. Aerial system. 2,049,070; July 28.
- Mathieu, Gaston A., Shirehall Park, London, England, assignor to Radio Corporation of America. Short wave radio communication system. 2,064,481; Dec. 15.
- Matignon, Camille. (See Kachkaroff, P., and Matignon.)
- Matisek, William. (See Jack, D., and Matisek.)
- Matney, James A., Prosser, Wash. Filtering device. 2,029,078; Jan. 28.
- Matranga, John, et al. (See Tarkington, Wilson, assignor.)
- Matravers, Frederick G., Harpenden, assignor to Adamant Engineering Company Limited, Luton, Bedfordshire, England. Follower for steering gears for vehicles. 2,028,939; Jan. 28.
- Matrossoff, Iwan, Leningrad, Union of Socialist Soviet Republics. Railway brake. 2,028,404; Jan. 21.
- Matson, Carl A., Swampscott, Mass. Massaging device. 2,038,846; Apr. 28.
- Matson, George C., Brookfield, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Molding die. 2,047,379; July 14.
- Matson, John A., Brooklyn, N. Y. Nonrefillable bottle. 2,047,791; July 14.
- Matson, Louis L., East Cleveland, Ohio, assignor to General Electric Company. Method and apparatus for testing filament wire. 2,049,306; July 28.
- Matt, George J., Brooklyn, assignor to Roberts Numbering Machine Company, Brooklyn, N. Y. Numbering head wheel and making same. 2,029,887; Feb. 4.
- Matte, Andrew L., Summit, N. J., assignor to American Telephone and Telegraph Company. Voltage measuring system. 2,041,008; May 19.
- Matte, Andrew L., Summit, N. J., assignor to American Telephone and Telegraph Company. Motor generator regulator system. 2,046,422; July 7.
- Matte, Andrew L., Summit, N. J., assignor to American Telephone and Telegraph Company. Motor generator regulator system. 2,046,438; July 7.
- Matter, Albert J. (See Payne, F. E., and Matter.)
- Matter, James K., and L. E. Geiger, assignors to The Aluminum Cooking Utensil Company, New Kensington, Pa. Ice crusher. 2,046,396; July 7.
- Mattern, Lewis E., Philadelphia, Pa. Control mechanism for washing machines and the like. 2,035,083; Mar. 24.
- Mattes, Edward D., assignor to Decatur Brick Manufacturing Company, Decatur, Ill. Indenting and stamping machine for clay products, such as paving brick and the like. 2,031,899; Feb. 25.
- Matteson, Jesse O., Muskegon, Mich., and R. H. Guyton, assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Vegetable hydrator. 2,050,353; Aug. 11.
- Matthaes, Werner. (See Kleine, J., Pfannenstiel, and Matthaes.)
- Matthal, William H., Garrison, Md., assignor to Homeland Mfg. Co., Inc. Reflector. 2,044,620; June 16.
- Matthes, Arno. (See Hubert, E., and Matthes.)
- Matthes, Gerard H., Los Angeles, Calif. Constructing revetments. 2,028,794; Jan. 28.
- Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley ear. 2,027,604; Jan. 14.
- Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley wire device. 2,053,964; Sept. 8.
- Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley wire frog. 2,053,965; Sept. 8.
- Matthews, Albert, assignor to American Laundry Machinery Company, Cincinnati, Ohio. Swinging buck press. 2,041,009; May 19.
- Matthews, Albert, Cincinnati, assignor to American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Safety device for pressing machines. 2,050,621; Aug. 11.
- Matthews, Albert, Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine. 2,065,235; Dec. 22.
- Matthews, Charles K., Wichita Falls, Tex. Upright steam boiler. 2,059,128; Oct. 27.
- Matthews, Claud L., and T. Birkenmaier, assignors to W. N. Matthews Corporation, St. Louis, Mo. Fuse switch. 2,060,514; Nov. 10.
- Matthews, George A., Royal Oak, and R. H. Cook, Hazel Park, Mich., assignors to The Detroit Edison Company, Detroit, Mich. Electrical device. 2,050,665; Aug. 11.
- Matthews, Guy L., and H. L. Diehl, Chicago, Ill., said Matthews assignor to said Diehl. Tensioning device. 2,032,217; Feb. 25.
- Matthews, James H., & Company. (See Harley, Lee M., assignor.)
- Matthews, Paul W., et al. (See Smith, Nelson, P., assignor.)
- Matthews, Percy W., assignor of thirty-eight one hundredths to E. J. Griffiths, Pittsburgh, Pa., nineteen one hundredths to J. F. Brandenburg, Larchmont, N. Y., and five one hundredths to C. W. Neill, West Englewood, N. J. Rolling mill. 2,056,433; Oct. 6.
- Matthews, Philip E., Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Lubrication system for rear axle differential bearings.
- Matthews, Tom, et al. (See McDowell, John, J. F., and E., assignors.)
- Matthews, W. N., Corporation. (See Matthews, C. L., and Birkenmaier, assignors.)
- Matthews, William F., La Fayette, Ind. Transfer board for vertical presses. 2,060,331; Nov. 10.
- Matthias, Lynn H., Shorewood, assignor to Allen-Bradley Company, Milwaukee, Wis. Electric switch. 2,059,702; Nov. 3.
- Matthies, Carl M., Willmar, Minn. Machine for distributing material on highways in measured form. 2,048,941; July 28.
- Matthies, William H., Hackensack, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,038,303; Apr. 21.
- Matthies, William H., Hackensack, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,039,015; Apr. 28.
- Mattikow, Morris. (See Thurman, B. H., Thomas, and Mattikow.)
- Mattinson, Frank W., assignor to Skenandoo Rayon Corporation, Utica, N. Y. Method and apparatus for manufacturing artificial silk. 2,045,530; June 23.
- Mattinson, Frank W., assignor to Skenandoo Rayon Corporation, Utica, N. Y. Apparatus for manufacturing artificial silk. 2,045,531; June 23.
- Mattison, Carl L., assignor to Mattison Machine Works, Rockford, Ill. Feeding mechanism or the like. 2,053,915; Sept. 8.
- Mattison, Edwin L. (See Carleton, P. W., and Mattison.)
- Mattison Machine Works. (See Mattison, Carl L., assignor.)
- Mattison, Norman D., Montclair, N. J. Footwear. 2,059,470; Nov. 3.
- Mattman, Gustave F., assignor to The Cincinnati Advertising Products Company, Cincinnati, Ohio. Clock. 2,044,314; June 16.
- Mattman, Gustave F., assignor to The Cincinnati Advertising Products Company, Cincinnati, Ohio. Desk file. 2,056,683; Oct. 6.
- Mattson, C. Russel, et al. (See Hansen, Elmer P., assignor.)
- Mattson, Clarence L., et al. (See Hansen, Elmer P., assignor.)
- Mattson, George W., Denver, Colo. Portable table. 2,063,819; Dec. 8.



- Mattsson, John K., Skonsberg at Sundsvall, Sweden. Antislip device for shoes. 2,065,386; Dec. 22.
- Matuschke, Walter, Berlin-Hermsdorf, and E. Blasing, Berlin, Germany. Printing-plate matrix. 2,041,941; May 26.
- Matuszak, Maryan P., assignor to Fisher Scientific Company, Pittsburgh, Pa. Gas analysis apparatus. 2,026,842; Jan. 7.
- Matveeff, Michael N., Stratford, Conn. Box stitching machine. 2,054,548; Sept. 15.
- Matz, Charles H., Winnetka, Ill., assignor of two-fifths to E. H. Land, Wellesley Farms, Mass. Optical device. 2,062,468; Dec. 1.
- Mauersberger, Ernst A., Maarssen, near Utrecht, Netherlands. Preparation of alkylated aromatic carbocyclic sulphonic acids. 2,036,593; Apr. 7.
- Mauersberger, Ernst A., Maarssen, near Utrecht, Netherlands. Water soluble sulphonated condensation products. 2,041,560; May 19.
- Mauersberger, Ernst A., Maarssen, near Utrecht, Netherlands. Manufacture of theobromine. 2,041,561; May 19.
- Mauersberger, Ernst A., Naarssen, near Utrecht, Netherlands, assignor to The Richards Chemical Works, Jersey City, N. J. Sulphonated products and producing them. 2,042,952; June 2.
- Maul, Michael, Berlin-Johannisthal, Germany. Verifying machine for perforated records. 2,031,569; Feb. 18.
- Maul, Michael, Berlin-Johannisthal, Germany. Perforated record controlled machine. 2,064,482; Dec. 15.
- Maul, Michael, Berlin, Johannisthal, Germany. Translator device for hole combinations. 2,065,864; Dec. 29.
- Maul, Michael, Berlin, Germany, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Electrical tabulator. 2,036,064; Mar. 31.
- Maul, Peter J., assignor to Macotta Unit Corporation, Detroit, Mich. Building unit. 2,041,942; May 26.
- Mauldin, Joseph T., Milan, Tenn. Autoplow. 2,034,628; Mar. 17.
- Maulis, Rudolph D., Ravenna, Nebr. Viscous fluid pump. 2,028,912; Jan. 28.
- Maulis, Rudolph D., Ravenna, Nebr. Tire changer. 2,034,819; Mar. 24.
- Maupin, Graves R., assignor to The J. Faessler Mfg. Co., Moberly, Mo. Multiple rolling tool. 2,040,440; May 12.
- Maupin, Graves R., assignor to The J. Faessler Mfg. Co., Moberly, Mo. Tool for rolling multiple bearing surfaces. 2,045,787; June 30.
- Maurer, Albrecht, assignor to P. J. V. Ketten & Getriebe G. m. b. H., Bad Homburg vor der Hohe, Germany. Power transmitting chain. 2,038,583; Apr. 28.
- Maurer, Albrecht, Bad Hamburg v. d. Hohe, Germany, assignor to American Voith Contact Company, Inc., New York, N. Y. Resilient coupling. 2,042,069; May 26.
- Maurer, Albrecht, Bad Homburg vor der Hohe, Germany, assignor to Link-Belt Company, Chicago, Ill. Change-speed gear. 2,046,397; July 7.
- Maurer, August F. (See Murphy, John N., assignor.)
- Maurer, Edwin R., assignor to Chrysler Corporation, Detroit, Mich. Clutch. 2,055,300; Sept. 22.
- Maurer, Friedrich, Cannstatt, assignor to P. Lechler, Stuttgart, Germany. Mixing apparatus for liquids. 2,043,108; June 2.
- Maurer, George, Carneys Point, and S. G. Ford, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of acetylaminonaphthol-sulphonic acids. 2,062,368; Dec. 1.
- Maurer, Harry A. (See Hyde, R. E., and Maurer.)
- Maurer, Herman W., Cleveland Heights, Ohio. Collapsible partition. 2,027,992; Jan. 14.
- Maurer, John F., Jr., North Bergen, N. J. Bottle case. 2,034,439; Mar. 17.
- Maurer, John F., Jr., North Bergen, N. J. Box structure. 2,034,440; Mar. 17.
- Maurer, Paul H. (See Ferguson, M. P., and Maurer.)
- Maurer, Paul H., assignor to Eclipse Machine Company, Elmira, N. Y. Automatic starter control. 2,035,820; Mar. 31.
- Maurer, Paul H., assignor to Eclipse Machine Company, Elmira, N. Y. Automatic starter control. 2,054,987; Sept. 22.
- Maurer, Paul H., Elmira, assignor to Eclipse Machine Company, Elmira Heights, N. Y. Automatic starter control. 2,064,350; Dec. 15.
- Maurer, Theodore H., Richmond Hill, N. Y. Self-feeding pencil. 2,029,731; Feb. 4.
- Maurice Mills Company, et al. (See Coleman, Robert H., assignor.)
- Maurin, Vicente L., Habana, Cuba. Locking mechanism. 2,030,599; Feb. 11.
- Mauro, Anthony, Brooklyn, N. Y. Window construction. 2,061,914; Nov. 24.
- Mauro, Charles. (See Gow, William G., assignor.)
- Maus, Johann, Stuttgart, Germany. Ski tie. 2,042,543; June 2.
- Maus, Louis, Baldwin, N. Y. Strap fastener. 2,029,330; Feb. 4.
- Mauser, Karl W., Waldeck, Germany. Double-walled vessel. 2,043,183; June 2.
- Mauser, Karl W., Waldeck, Germany. Building material. 2,048,457; July 21.
- Mauser, Max, St. Louis, Mo. Shoe heel structure. 2,063,042; Dec. 8.
- Mauser-Werke A.-G. (See Bucher, Ernst, assignor.)
- Mauser-Werke A.-G. (See Ebert, Fritz, assignor.)
- Mauser-Werke A.-G. (See Westinger, Karl, assignor.)
- Mausolf, George A., Waterbury, Conn. Soap bubble pipe. 2,041,423; May 19.
- Mauthe, Gustav. (See Noerr, H., and Mauthe.)
- Mautner, William, Newark, N. J. Filtering device used in connection with internal combustion engines, or the like. 2,034,242; Mar. 17.
- Mautsch, Robert, assignor to Manufacture Generale Metalurgique Société Anonyme, Brussels, Belgium. Making electric conductors. 2,057,242; Oct. 13.
- Mautsch, Robert H., Brussels, Belgium, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Thermostat control apparatus. 2,061,915; Nov. 24.
- Mautsch, Robert H., Brussels, Belgium, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Heating, cooling, and ventilating seated enclosure. 2,065,192; Dec. 22.
- Mauzin, André E., Paris, France. Railway track gauge. 2,042,614; June 2.
- Maverick, George M., Elizabeth, N. J., assignor to Standard Oil Development Company. Fuel for high pressure liquid fuel injection engines. 2,045,788; June 30.
- Mavity, Noble M., Detroit, Mich. Curtain stretcher. 2,037,991; Apr. 21.
- Mavor and Coulson, Limited. (See Mavor, John B., assignor.)
- Mavor, John B., Mile-End, assignor to Mavor and Coulson, Limited, Glasgow, Scotland. Coal-cutting and like machine. 2,053,727; Sept. 8.
- Maw, R. B. (See Michael, G. L., assignor, and Brumbach.)
- Mawhinney, Matthew H., Salem, and F. E. Leahy, Youngstown, assignors to The Electric Furnace Company, Salem, Ohio. Method and apparatus for heat treating ingots. 2,052,187; Aug. 25.
- Maxfield, Donald F., Guilford, Maine, assignor of one-third to F. F. Kloeckener, Valley Stream, N. Y., one-third to D. R. Aldworth, Garden City, N. Y., and one-third to M. Gray, Guilford, Maine. Machine for producing narrow strip fabric from broadloom fabric. 2,035,138; Mar. 24.
- Maxfield, Frederick A., Wilkesburg, and L. W. Smede, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Resistor in igniter circuits. 2,036,227; Apr. 7.
- Maxim, Myles S., Somerville, Mass. Apparatus for burning sulphur. 2,030,885; Feb. 18.
- Maxim Silencer Company, The. (See Bourne, Roland B., assignor.)
- Maximoff, Alexander T., Milan, Italy, assignor to Azodal Company, Inc. Modifications of phenyl-azo-2,4-diaminobenzene-hydrochloride and their production. 2,053,095; Sept. 1.
- Maxmoor Corporation. (See Moore, Arlington, assignor.)
- Maxon, John J., assignor to Maxon Premix Burner Company, Muncie, Ind. Gas and air mixing apparatus. 2,035,904; Mar. 31.
- Maxon Premix Burner Company. (See Maxon, John J., assignor.)
- Maxson, William L., Pipestone, Minn. Indicator. 2,042,615; June 2.
- Maxted, Robert, Rugby, England, assignor to General Electric Company. Electric gaseous discharge device. 2,037,387; Apr. 14.
- Maxwell, Bert C., Cleveland, Ohio. Shoe. 2,034,243; Mar. 17.
- Maxwell, Bert C., Cleveland, Ohio. Foot measuring instrument. 2,044,587; June 16.
- Maxwell, Charles J., Dallas, Tex. Program clock. 2,029,667; Feb. 4.
- Maxwell, Daniel S., assignor to Harrison Radiator Corporation, Lockport, N. Y. Deflector for vehicle heaters. 2,034,587; Mar. 17.
- Maxwell, James C. G., assignor to The American Brass Company, Waterbury, Conn. Flexible hose support. 2,030,218; Feb. 11.
- Maxwell, Maxwell C., F. E. Thompson, C. Ledin, and C. B. Lowe, assignors to The Yale & Towne Mfg. Co., Stamford, Conn. Lock. 2,059,129; Oct. 27.
- Maxwell Vault & Casket Co. (See Canedy, John D., assignor.)
- Maxwell, Walter, Marshfield, Wis. Tractor wheel. 2,032,293; Feb. 25.
- Maxwell, William H. (See Howard, J. H., and Maxwell.)
- Maxwell, William H. (See Huddleston, C. E., and Black, assignors.)
- May, Adam J., assignor to Ritter Dental Manufacturing Company, Inc., Rochester, N. Y. Footrest for operating chairs. 2,044,992; June 23.
- May Adam J., assignor to Ritter Dental Manufacturing Company, Inc., Rochester, N. Y. Operating chair. 2,059,130; Oct.
- May, Adam J., assignor to Ritter Dental Manufacturing Company, Inc., Rochester, N. Y. Headrest supporting means. 2,062,592; Dec. 1.
- May, Edward M., Detroit, Mich. Valve. 2,065,086; Dec. 22.
- May, Edward M., Detroit, Mich. Valve. 2,065,087; Dec. 22.
- May, Erwin, Berlin-Oberschoneweide, Germany, assignor to General Electric Company. Motion picture projecting apparatus. 2,053,966; Sept. 8.



- May, Harry P., Los Angeles, assignor to L. M. Harvey, LaCanada, Calif., as trustee. Amusement device. 2,035,084; Mar. 24.
- May, Laurence E. (See Todd, J. D., May, and Newbury.)
- May, Lawrence E., Jefferson City, Mo. Knock-down crib. 2,032,141; Feb. 25.
- May, Marcus B., trustees et al. (See Pratt, William B., assignor.)
- May, Maxwell F., Palos Park, Ill. Air conditioning apparatus. 2,044,538; June 16.
- May, Millard S. (See Bemis, A. S., and May.)
- May Oil Burner Corporation. (See Hall, Mora S., assignor.)
- May Oil Burner Corporation. (See Klotzman, Aaron, assignor.)
- May, Rowland F., Potters Bar, assignor to Filter Tips Limited, London, England. Cigarette. 2,057,243; Oct. 13.
- Maybach, Karl, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Bodensee, Germany. Change speed gear. 2,030,752; Feb. 11.
- Maybach, Karl, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Germany. Freewheeling mechanism of motor cars. 2,034,263; Mar. 17.
- Maybach, Karl, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Germany. Claw coupling. 2,049,126; July 28.
- Maybach, Karl, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Germany. Claw coupling. 2,049,127; July 28.
- Maybach, Karl, Friedrichshafen, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Bodensee, Germany. Clutch and brake device for motor vehicles. 2,065,980; Dec. 29.
- Maybach-Motorenbau G. m. b. H. (See Maybach, Karl, assignor.)
- Mayberry, De Ella B., Detroit, Mich. Multiple cooker. 2,059,953; Nov. 3.
- Mayberry, Frederick A., Wichita, Kans. Colon irrigator. 2,043,005; June 2.
- Mayeda, Mitsuo, and Yoshigusu Okamoto, Waialua, Hawaii. Digger. 2,028,680; Jan. 21.
- Mayer, Arthur, Detroit, Mich. Intercell connector for storage batteries. 2,057,729; Oct. 20.
- Mayer, Edwin G., assignor to The Bell & Howell Company, Chicago, Ill. Strip feed guide. 2,054,586; Sept. 15.
- Mayer, Emil, et al. (See Karg, Josef, assignor.)
- Mayer, Fred H., Portland, Oreg. Insecticide and deodorizing volatile pad. 2,054,434; Sept. 15.
- Mayer, Hans. (See Straub, F. and Mayer.)
- Mayer, Hans, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Four-wire system with echo suppressors. 2,041,562; May 19.
- Mayer, Hans, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Berlin-Siemensstadt, Germany. Automatic selective fading control circuits. 2,054,657; Sept. 15.
- Mayer, Joseph, Miami, Fla. Window operating and adjusting mechanism. 2,046,786; July 7.
- Mayer, Joseph C., Cleveland, Ohio. Baseball game. 2,026,791; Jan. 7.
- Mayer, Lawrence L., Palo Alto, Calif., and R. M. Hale, Scarsdale, assignors to Minerals Separation North American Corporation, New York, N. Y. Flotation separation apparatus. 2,047,643; July 14.
- Mayer, Max. (See Blumenfeld, J., and Mayer.)
- Mayer, Max, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Locomotive. 2,059,471; Nov. 3.
- Mayer, Randolph H. (See Barret, W. M., and Mayer.)
- Mayer & Schmidt, Schleifmaschinen-und Schmirlgelwerke A.-G. (See Dürr, Richard, assignor.)
- Mayer, Waldemar F., Rutherford, N. J. Folding apparatus. 2,056,903; Oct. 6.
- Mayer, William. (See Holst, L. J. R., Mayer, and Menefee.)
- Mayer, William, New York, N. Y. Necktie construction. 2,029,180; Jan. 28.
- Mayer, William, New York, N. Y. Necktie construction. 2,029,181; Jan. 28.
- Mayer, William, New York, N. Y. Adjustable necktie. 2,043,055; June 2.
- Mayer, William, New York, N. Y. Adjustable necktie. 2,045,279; June 23.
- Mayer, William, New York, N. Y. Necktie construction. 2,045,280; June 23.
- Mayer, William, New York, N. Y. Adjustable necktie. 2,045,281; June 23.
- Mayfair Shade Corporation. (See Benson, Melvin B., assignor.)
- Mayfield, Evert E., assignor to Hercules Powder Company, Wilmington, Del. Impregnated article. 2,066,117; Dec. 29.
- Mayfield, Harry F., Anderson, S. C. Towel vending machine. 2,030,525; Feb. 11.
- Mayflower Dress Company. (See Woolf, Lottie, assignor.)
- Mayhew, Wallace N., Philadelphia, Pa. Heat treating ferrous metals. 2,057,274; Oct. 13.
- Maynard, Arthur H., Warwick, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Fastener applying implement. 2,037,334; Apr. 14.
- Maynard, Arthur H., Warwick, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Machine for closing and sealing bags and like containers. 2,045,397; June 23.
- Maynard, Arthur H., and G. H. Harred, Warwick, R. I., assignors to Boston Wire Stitcher Company, Portland, Me. Staple-applying implement. 2,055,257; Sept. 22.
- Maynard, Harrison, Earling, assignor of one-half to M. T. Gose, McConnell, W. Va. Rail jointing means. 2,035,085; Mar. 24.
- Maynard, Vance R., Greensboro, N. C., assignor, by mesne assignments, to Steel Heddle Manufacturing Company, Philadelphia, Pa. Coupler. 2,050,495; Aug. 11.
- Maynard, William H., assignor to Porter Screen Company, Winooski, Vt. Window ventilator. 2,051,997; Aug. 25.
- Maynard, William H., assignor to Porter Screen Company, Winooski, Vt. Window ventilator. 2,066,118; Dec. 29.
- Mayne, Norman D., et al. (See Wincote, Charles B., assignor.)
- Mayne, Robert, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Imitation leather and making the same. 2,056,406; Oct. 6.
- Maynes, Emma C. (See Maynes, Hyla F., assignor.)
- Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Fishing reel. 2,027,053; Jan. 7.
- Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Fishing reel. 2,027,305; Jan. 7.
- Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Reel structure. 2,027,306; Jan. 7.
- Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Fishing reel. 2,040,777; May 12.
- Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Fishing reel. 2,055,358; Sept. 22.
- Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Machine for making heat transfer units. 2,057,244; Oct. 13.
- Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Aquatic amusement device. 2,058,383; Oct. 20.
- Mayo, Edward L., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Thermostatically controlled valve. 2,060,332; Nov. 10.
- Mayo, John, Carnegie, Pa. Apparatus for automatically regulating the feed control on feeding and filling devices. 2,050,496; Aug. 11.
- Mayo, Peter, Evanston, Ill. Surface dressing composition for tennis courts. 2,058,335; Oct. 20.
- Mayoral, Juan E., New York, N. Y., assignor to Driver-Harris Company. Insulating wire and product thereof. 2,036,425; Apr. 7.
- Maypole, George, et al. (See Spear, John E., assignor.)
- Mays, Glenn W., Midland, Tex. Window operating mechanism. 2,045,195; June 23.
- Mays, Orland C., Oklahoma City, Okla. Device for connecting a line to a bail. 2,048,277; July 21.
- Mayson, Herbert et al. (See Johnson, Paul B., assignor.)
- Maytag Company, The. (See Mikulasek, John, assignor.)
- Maywald, Frederick J., Rutherford, and E. C. Kunz, Montclair, N. J. Rubber and treating same. 2,046,336; July 7.
- Mayzner, Mark S. (See Markush, E. A., Mayzner, and Miller.)
- Maze, W. H., Company. (See Domagall, John, assignor.)
- Mazer Bros. (See Boucher, Marcel, assignor.)
- Mazer, Moses K., and S. C. Friedman, Springfield, Mass. Fuel feeding apparatus. 2,029,780; Feb. 4.
- Mazeron, Jean B. A., Montlucon, France, assignor to Dunlop Rubber Company, Limited, Fort Dunlop, Birmingham, England. Tire making apparatus. 2,035,821; Mar. 31.
- Mazurie, Harry R., Pittsburgh, Pa., assignor to National Tube Company. Protector for pipe ends. 2,061,366; Nov. 17.
- Mazzella, Margherita F., Wilmington, N. Y. Milk can. 2,033,042; Mar. 3.
- Mazzetti, Carlo. (See Roffeni, Tiraferri, L., and Mazzetti.)
- Mazzini, Franco, Milan, Italy. Air-circulation valve in the supporting surfaces of aeroplanes. 2,039,179; Apr. 28.
- Mazzini, Franco, Milan, Italy. Air-circulation valve in the supporting surfaces of aeroplanes. 2,048,278; July 21.
- Mazzocco, Dante V., assignor to Eureka Photo Mechanical Equipment, Inc., New York, N. Y. Registering apparatus. 2,031,221; Feb. 18.
- Mazzocco, Dante V., assignor to Eureka Photo Mechanical Equipment, Inc., New York, N. Y. Machine for transferring designs. 2,031,222; Feb. 18.
- McAdam, John V. (See Eddison, W. B., and McAdam.)
- McAdams, Harry, Philadelphia, assignor to The Nolde and Horst Company, Reading, Pa. Pattern control attachment for reverse plating circular knitting machines. 2,047,279; July 14.
- McAdams, Harry, assignor to Nolde and Horst Company, Reading, Pa. Knitting machine. 2,061,473; Nov. 17.
- McAdoo & Allen Welting Company. (See Brown, William, assignor.)
- McAfee, Almer M., and L. O. Crockett, Port Arthur, Tex., assignors by mesne assignments to Gulf Oil Corporation, Pittsburgh, Pa. Lubricating oil. 2,049,014; July 28.



- McAfee, Thomas L. L., Malden, Mass. Bracket for window shelves. 2,033,043; Mar. 3.
- McAleer Manufacturing Company. (See Angstman, Roger W., assignor.)
- McAleer Manufacturing Company. (See Weihe, Frederick A., Jr., assignor.)
- McAllaster, George R., assignor to MacAllaster Pipe Corporation, Rochester, N. Y. Attachment for smoking pipes. 2,052,237; Aug. 25.
- McAllister, Chester B., Los Angeles, Calif., assignor to The Texas Company, New York, N. Y. Burning coke from heater tubes. 2,057,441; Oct. 13.
- McAllister, Clarence I. (See Snyder, Harold E., assignor.)
- McAllister, John E., assignor, by mesne assignments, to B. G. Corporation, Cleveland, Ohio. Stand. 1,056,681; Oct. 6.
- McAllister, Robert W. (See Reichert, J. S., McAllister, and Hinegardner.)
- McAllister, Summer H. (See de Simó, M., and McAllister.)
- McAllister, Summer H. and M. de Simó, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalytic oxidation of polyhydric alcohols. 2,051,266; Aug. 18.
- McAlpine, Isaac J. (See Pritchard, R. E., and McAlpine.)
- McArdle, Michael W., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric appliance. 2,046,200; June 30.
- McArdle, Michael W., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electrical appliance and plug therefor. 2,063,110; Dec. 8.
- McArdle, Michael W., Chicago, Ill., assignor to Chicago Flexible Shaft Company. Wide range sprinkler. 2,064,072; Dec. 15.
- McArdle, Michael W., and I. Jeppsson, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Combined slicer, shredder and dicer. 2,026,691; Jan. 7.
- McArdle, Michael W., and I. Jeppsson, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Ice crusher and making same. 2,034,951; Mar. 24.
- McArdle, Michael W., and J. W. Lynch, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Making sole plates for sadirons. 2,042,953; June 2.
- McArdle, Michael W., and I. Jeppsson, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Scissors and the like. 2,047,483; July 14.
- McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Electric discharge device. 2,039,100; Apr. 28.
- McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Electric discharge device and control apparatus therefor. 2,039,101; Apr. 28.
- McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Control system for gaseous discharge devices. 2,039,102; Apr. 28.
- McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Glass-to-metal seal. 2,048,556; July 21.
- McArthur, Warren, Jr., Los Angeles, Calif., assignor, by mesne assignments, to Warren McArthur Corporation, Rome, N. Y. Metal furniture construction. 2,035,488; Mar. 31.
- McArthur, Warren, Jr., assignor to Warren McArthur Corporation, Rome, N. Y. Furniture. 2,035,489; Mar. 31.
- McArthur, Warren, Corporation. (See McArthur, Warren, Jr., assignor.)
- McAuley, Robert, Chalk River, Ontario, Canada. Corset fastener. 2,048,805; July 28.
- McAvoy, Frank J. (See Carter, F. A., and McAvoy.)
- McBain, Ewen B., Strathclair, Manitoba, Canada. Grate. 2,065,236; Dec. 22.
- McBane, Walter W., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Reduction indicator for rolling mills. 2,039,914; May 5.
- McBane, Walter W., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Coil handling apparatus. 2,059,703; Nov. 3.
- McBath, Bartley R., Jr., Montclair, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Pump drain. 2,036,713; Apr. 7.
- McBee Company, The. (See Burke, William F., assignor.)
- McBee Company, The. (See Connor, R. L., and Nevin, assignors.)
- McBee Company, The. (See Davis, H. C., Grabmeyer, and Van Loozen, assignors.)
- McBee Company, The. (See Nevin, Donald A., assignor.)
- McBee Company, The. (See Rutkoskie, George A., assignor.)
- McBee Company, The. (See Rutkoskie, G. A., and Welk, assignors.)
- McBee Company, The. (See Welk, Nelson S., assignor.)
- McBee Company, The. (See Welk, N. S., and Nevin, assignors.)
- McBee Company. (See Zenner, D. R., and Nevin, assignors.)
- McBee, William R. L., assignor to The Gardiner Hall Jr. Company, South Willington, Conn. Combined tape and thread package. 2,061,876; Nov. 24.
- McBrady, John A., assignor of one-half to E. M. Mangan, Valley City, N. Dak. Jack. 2,047,484; July 14.
- McBrady, John A., assignor of one-half to E. M. Mangan, Valley City, N. Dak. Collapsible shovel. 2,047,485; July 14.
- McBride, Clarence E. (See Langer, T. W., McBride, Carlson, Stow, and Clardy.)
- McBride, Samuel R., Long Beach, assignor to H. L. Fuogg, Los Angeles, Calif. Metals and forming same. 2,043,387; June 9.
- McBurney, Dorman, and E. H. Nollau, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative coated fabric. 2,033,202; Mar. 10.
- McBurney, Dorman, and E. H. Nollau, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Inks. 2,049,507; Aug. 4.
- McBurney, James E., Alton, Ill., assignor to Owens-Illinois Glass Company. Method and apparatus for circulating molten glass. 2,038,800; Apr. 28.
- McBurney, Willard B., Atlanta, Ga. Safety outlet closure for conveyers. 2,031,116; Feb. 18.
- McCaa, David G., Philadelphia, Pa. Reducing electrical disturbances. 2,031,539; Feb. 18.
- McCaa, David G., and R. D. Brown, Jr., assignors to Philadelphia Storage Battery Company, Philadelphia, Pa. Automatic volume control. 2,061,710; Nov. 24.
- McCabe, Anthony B. (See Zevely, E. A., and McCabe.)
- McCabe, Edward B. (See Hiller, N. H., and McCabe, assignors.)
- McCabe, Ira E., Chicago, Ill. Electrical ignition device. 2,040,620; May 12.
- McCabe, Ira E., Chicago, Ill. Double adjustment control. 2,043,441; June 9.
- McCabe, John J. (See Frantz, W. A., and McCabe.)
- McCabe, John J., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Washing machine. 2,053,158; Sept. 1.
- McCabe, Joseph J., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Lens blocking device. 2,031,380; Feb. 18.
- McCabe Maier Corporation. (See Carpenter, Walter E., assignor.)
- McCaffrey, Harry J., and B. Carey, Dallas, Tex. Container. 2,035,327; Mar. 24.
- McCahey, George F., assignor of one-half to W. C. Johnson, Providence, R. I. Banding apparatus. 2,051,097; Aug. 18.
- McCain, Cecil C. (See Hernlund, J. W., McCain, and Marchev.)
- McCain, Cecil C., Glen Ellyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material winding machine. 2,040,323; May 12.
- McCain, Cecil C., Glen Ellyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Terminal for electrical devices. 2,049,919; Aug. 4.
- McCain, Cecil C., Glen Ellyn, and A. Marchev, La Grange, Ill., assignors to Ditto Incorporated. Counting device. 2,041,943; May 26.
- McCain, Dewey M., Starkville, Miss. Identifying metallic plate and attaching the same. 2,046,571; July 7.
- McCain, George L., assignor to Chrysler Corporation, Detroit, Mich. Motor vehicle power transmission. 2,058,245; Oct. 20.
- McCain, Wes W., Oak Park, assignor to Shellmar Products Company, Chicago, Ill. Package machine. 2,063,392; Dec. 8.
- McCaleb, Albert G. (See Allen, Hugh E., assignor.)
- McCaleb, Albert G., Evanston, assignor to Duro Metal Products Company, Chicago, Ill. Sanding machine. 2,064,483; Dec. 15.
- McCall, James E., Cavite, P. I. Combination school desk and chair. 2,061,163; Nov. 17.
- McCall, Jos. B., Jr. (See Smith, William J., assignor.)
- McCallen, Perry S., assignor to H. W. Sanford, Knoxville, Tenn. Mine car. 2,042,266; May 26.
- McCallum, Arthur, assignor to Flako Products Corporation, New Brunswick, N. J. Composite package. 2,031,381; Feb. 18.
- McCallum, Jean, Ferguson, Mo., assignor to Titanium Pigment Company, Inc., New York, N. Y. Making sulphates of barium and calcium. 2,039,432; May 5.
- McCallum, Jean, Ferguson, and R. T. Schraubstadter, University City, assignors to St. Louis Smelting and Refining Company, St. Louis, Mo. Treating pyrites. 2,058,480; Oct. 27.
- McCallum, Joseph A., Silver City, N. Mex. Sales price indicator. 2,033,385; Mar. 10.
- McCallum, William J., Islington, Ontario, Canada. Method of and apparatus for applying inserts. 2,040,621; May 12.
- McCallum, William J., Islington, Ontario, Canada. Drill. 2,042,114; May 26.
- McCamish, James W., Winchester, Ind. Burial slipper. 2,027,547; Jan. 14.
- McCandless, Lyon, Beaver Falls, Pa. Bulk meter. 2,049,307; July 28.
- McCandless, Ruth G., Lexington, Nebr. Face shield. 2,051,730; Aug. 18.
- McCann, Charles S. (See Kindl, C. H., and McCann.)
- McCann, Frank P., Seattle, Wash. Tree holder. 2,029,281; Jan. 28.
- McCann, George M., New Castle, Del. Telescope mount for guns. 2,036,290; Apr. 7.
- McCann, George M., New Castle, Del., and C. T. Kohler, Watervliet, N. Y. Firing mechanism. 2,044,008; June 16.
- McCann, John F. (See Sprague, R. C., and McCann.)



- McCann, John F., assignor to Baldwin-Duckworth Chain Corporation, Springfield, Mass. Friction device. 2,035,242; Mar. 24.
- McCann, John F., assignor to Baldwin-Duckworth Chain Corporation, Springfield, Mass. Flexible coupling. 2,051,770; Aug. 18.
- McCann, John F., and C. E. Johnson, assignors to Baldwin-Duckworth Chain Corporation, Springfield, Mass. Driving mechanism. 2,054,023; Sept. 8.
- McCann, John J., Burlington, N. J. Ball bearing joint. 2,037,992; Apr. 21.
- McCann, John J., Burlington, N. J. Knee joint for artificial legs. 2,057,534; Oct. 13.
- McCann, Michael, St. Albans, N. Y., assignor, by mesne assignments, to The Singer Manufacturing Company, Elizabethport, N. J. Sewing machine. 2,027,742; Jan. 14.
- McCann, Michael, Ozone Park, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Button sewing machine. 2,043,929; June 9.
- McCann, Paul S., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel and method of forming it. 2,055,179; Sept. 22.
- McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,042,904; June 2.
- McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,057,581; Oct. 13.
- McCann, Ronald A., Swissvale, and H. S. Young, Wilkesburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,039,820; May 5.
- McCann, Ronald A., Swissvale, and H. S. Young, Wilkesburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Controlling apparatus for highway crossing signals. 2,049,854; Aug. 4.
- McCardle, Lionel F., Durweston Mews, England. Suction nozzle of vacuum cleaning apparatus. 2,029,668; Feb. 4.
- McCarrell, William A., Detroit, Mich. Universal joint mechanism. 2,033,583; Mar. 10.
- McCarroll, Edward W., Chicago, Ill. Card game. 2,063,941; Dec. 15.
- McCarroll, John H., Des Moines, Iowa. Plant shelf for window mountings. 2,029,246; Jan. 28.
- McCarroll, Russell H., and G. Vennerholm, assignors to Ford Motor Company, Dearborn, Mich. Copper steel alloys. 2,035,392; Mar. 24.
- McCarroll, Russell H., and G. Vennerholm, assignors to Ford Motor Company, Dearborn, Mich. Wear resistant cast iron. 2,035,393; Mar. 24.
- McCarroll, Russell H., and G. Vennerholm, assignors to Ford Motor Company, Dearborn, Mich. Cast steel. 2,035,394; Mar. 24.
- McCarthy, Clement B., Mansfield, Ohio. Tire changing apparatus. 2,057,200; Oct. 13.
- McCarthy, Daniel J. (See Larson, C. H., and McCarthy.)
- McCarthy, Daniel J., Elgin, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Highway crossing signaling system. 2,027,188; Jan. 7.
- McCarthy, Daniel J., Elgin, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Railway signaling system. 2,053,775; Sept. 8.
- McCarthy, Edward J., Newton, assignor to The Gamewell Company, Newton Upper Falls, Mass. Signaling system. 2,054,827; Sept. 22.
- McCarthy, Elmer T., Chicago, Ill., assignor to Klipfel Manufacturing Company. Heat regulation for buildings. 2,063,613; Dec. 8.
- McCarthy, Francis V. (See Wallace, John E., assignor.)
- McCarthy, Francis V. (See Wallace, J. E., and Dumas, assignors.)
- McCarthy, John J., Belle Harbor, Long Island, N. Y. Water inlet and outlet condition signal. 2,059,009; Oct. 27.
- McCarthy, John W., Lockport, N. Y., assignor to W. C. Ritchie and Company, Chicago, Ill. Box making machine. 2,051,308; Aug. 18.
- McCarthy, Joseph A. (See Samter, Samuel L., and M. L., and McCarthy.)
- McCarthy, Joseph L., et al. (See Koenig, Paul, assignor.)
- McCarthy, Justin J., Boston, Mass. Obtaining finger prints. 2,028,619; Jan. 21.
- McCarthy, Richard B., Swampscott, assignor, by mesne assignments, to The Littleway Process Company, Boston, Mass. Last. 2,038,528; Apr. 28.
- McCarthy, Rollin H. (See Manley, L. M., and McCarthy.)
- McCarthy, Rollin H., Manhasset, assignor to Western Electric Company, Incorporated, New York, N. Y. Floor. 2,029,732; Feb. 4.
- McCarthy, Timothy F., Indiana, Pa. Sectional conveyer. 2,031,054; Feb. 18.
- McCarthy, Timothy F., Indiana, Pa. Shaker conveyer trough. 2,032,428; Mar. 3.
- McCarthy, Timothy F., Indiana, Pa. Loading apparatus. 2,065,819; Dec. 29.
- McCarthy, Timothy F., Indiana, Pa., assignor to Goodman Manufacturing Company, Chicago, Ill. Loading apparatus. 2,030,145; Feb. 11.
- McCarty, Bernard Y. (See Manley, R. E., McCarty, and Gross.)
- McCarty, Bernard Y., Beacon, N. Y., and W. E. Skelton, Cambridge, Mass., assignors to The Texas Company, New York, N. Y. Removal of wax from hydrocarbon oil. 2,027,346; Jan. 7.
- McCarty, Bernard Y., Beacon, N. Y., and W. E. Skelton, Fort Worth, Tex., assignors to The Texas Company, New York, N. Y. Removal of wax from hydrocarbon oil. 2,035,490; Mar. 31.
- McCarty, Bernard Y., Beacon, N. Y., and W. E. Skelton, Fort Worth, Tex., assignors to The Texas Company, New York, N. Y. Removal of wax from hydrocarbon oil. 2,035,491; Mar. 31.
- McCarty, Hiram, Cleveland, Ohio. Container. 2,035,560; Mar. 31.
- McCarty, Hiram G., Cleveland, Ohio. Combination flask and cup. 2,058,336; Oct. 20.
- McCarty, Madison P., assignor of one-half to C. E. Boren, Dallas, Tex. Condenser tester. 2,031,840; Feb. 25.
- McCarty, Madison P., assignor of part interest to W. Clark, and B. L. Laird, San Francisco, G. B. Moody, Glendale, Calif., and E. R. Wall, Victoria, L. W. Orynski, R. H. Morrison, F. A. Davies, J. C. Karcher, and H. W. Bass, Dallas, Tex. Electromagnetic motor. 2,043,386; June 9.
- McCarty, Orin P., Pittsfield, Mass., assignor to General Electric Company. Transformer voltage regulator. 2,063,693; Dec. 8.
- McCarty, Richard J., Jr., Bethlehem, Pa., assignor to Bethlehem Steel Company. Condensation evaporator. 2,060,399; Nov. 10.
- McCaskell, Jasper A., assignor to W. M. McCaskell, Philadelphia, Pa. Fiber utensil. 2,050,061; Aug. 4.
- McCaskell, Jasper A., assignor to William M. McCaskell, Glenwood, N. Mex. Gyratory crusher. 2,050,718; Aug. 11.
- McCaskell, Jasper A., assignor to W. M. McCaskell, Philadelphia, Pa. Fiber baking plate. 2,051,960; Aug. 25.
- McCaskell, William M. (See McCaskell, Jasper A., assignor.)
- McCaskell, William M., Philadelphia, Pa. Baking plate and using the same. 2,042,070; May 26.
- McCasky Register Company, The. (See Clark, Harold W., assignor.)
- McCaskill, Staley M. (See McCloud, J. H., McCaskill, and Sherman.)
- McCaughan, William J., River Forest, assignor to Electric Household Utilities Corporation, Cicero, Ill. Cover for ironing machines and the like. 2,062,467; Dec. 1.
- McCauley, Ernest G., Dayton, Ohio. Propeller. 2,041,849; May 26.
- McCauley, George V., assignor to Corning Glass Works, Corning, N. Y. Apparatus for casting large glass articles. 2,045,716; June 30.
- McCauley, Terrence J., assignor to The Marvella Corporation, Cleveland, Ohio. Carpet and rug cleaning device. 2,034,661; Mar. 17.
- McCaustland, Wallace, and C. W. Stephen, Bridgeport, Conn., assignors to Reading-Pratt & Cady Company, Inc. Lubricated gate valve. 2,032,882; Mar. 3.
- McChesney, John S.; L. A. McChesney, executrix of said J. S. McChesney, deceased, assignor to L. A. McChesney, Chicago, Ill. Corrugated joint fastener. 2,046,337; July 7.
- McChesney, John S.; L. A. McChesney, executrix of said J. S. McChesney, deceased, assignor to L. A. McChesney, Chicago, Ill. Saw-tooth corrugated fastener. 2,046,338; July 7.
- McChesney, John S., deceased, Chicago, Ill.; L. A. McChesney, executrix, assignor to L. A. McChesney. Divergent serrated corrugated fastener. 2,046,339; July 7.
- McChesney, John S., deceased, Chicago, Ill., L. A. McChesney, executrix, assignor to L. A. McChesney. Machine for making and driving corrugated fasteners. 2,050,009; Aug. 4.
- McChesney, John S., deceased, Chicago, Ill., L. A. McChesney, executrix, assignor to L. A. McChesney. Machine for making and driving corrugated fasteners. 2,050,010; Aug. 4.
- McChesney, John S., deceased, Chicago, Ill., L. A. McChesney, executrix and assignee. Making toothed fasteners. 2,061,035; Nov. 17.
- McChesney, John S., deceased, Chicago, Ill., L. A. McChesney, executrix and assignee. Producing fasteners from metallic ribbon. 2,061,036; Nov. 17.
- McChesney, John S., deceased, Chicago, Ill., L. A. McChesney, executrix and assignee. Producing flanged joint fasteners. 2,061,037; Nov. 17.
- McChesney, Lula A., executrix. (See McChesney, John S., assignor.)
- McClain, John. (See Russell, Ray, assignor.)
- McClanahan, B. G., et al. (See O'Connor, Thomas E., assignor.)
- McClanahan, Frederick C., Homer, La. Mechanism for locking gas tank covers. 2,028,515; Jan. 21.
- McClary, David J., assignor to Baker Box Company, Worcester, Mass. Shipping crate. 2,050,108; Aug. 4.
- McClatchie, John M., assignor to The Borden Company, New York, N. Y. Apparatus for washing cans and the like. 2,054,293; Sept. 15.
- McClave-Brooks Company. (See Grohn, Henry P., assignor.)
- McClave-Brooks Company. (See Warg, Charles A., assignor.)



- McClay, Roy C., Hollywood, Calif., assignor to United Research Corporation. Long Island City, N. Y. Combined motion picture projector and sound reproducer. 2,061,202; Nov. 17.
- McCleary, Nolen H. (See Dunne, J. J., and McCleary.)
- McClellan, C. B. (See Gorton, Clyde B., assignor.)
- McClellan, Clarence L., Kerrville, Tex. Device to prevent bed wetting. 2,046,080; June 30.
- McClellan, Fred C. (See Hooker, Donald E., assignor.)
- McClellan, Fred C. (See MacDougall, Bon, assignor.)
- McClellan, Fred C. (See Marco, Frederick J., assignor.)
- McClellan, Herbert, Los Angeles, Calif., assignor to Exhibit Supply Company, Chicago, Ill. Game apparatus. 2,026,902; Jan. 7.
- McClellan, Robert T. (See Wichman, R. D., Jr., and McClellan.)
- McClelland, Harold L. (See Dyer, F. C., and McClelland.)
- McClelland, John, assignor of one-half to J. A. Kline, Philadelphia, Pa. Slip coupling. 2,034,702; Mar. 24.
- McClew, John W. (See Belas, F. T., and McClew.)
- McClintic-Marshall Corporation. (See Hill, Harold O., assignor.)
- McClintic-Marshall Corporation. (See Johnston, Sterling, assignor.)
- McClintic-Marshall Corporation. (See Jones, Jonathan, assignor.)
- McClintock, Lynn H., Los Angeles, Calif. Decorative article. 2,053,839; Sept. 8.
- McCloskey, Nellie C., Philadelphia, Pa. Hair waving and curling device. 2,037,388; Apr. 14.
- McCloskey, William W., New Orleans, La. Fan. 2,038,183; Apr. 21.
- McCloud, Edward H., assignor to The Kinnear Mfg. Company, Columbus, Ohio. Operator for roll top doors. 2,062,593; Dec. 1.
- McCloud, Jesse H., S. M. McCaskill, and F. S. Sherman, Norfolk, Va. Vehicle signaling switch. 2,065,237; Dec. 22.
- McCluer, Wilbert B. (See Fenske, M. R., and McCluer, assignors.)
- McCluer, Wilbert B., and M. R. Fenske, State College, Pa., assignors to Pennsylvania Petroleum Research Corporation. Treating mineral oils. 2,047,380; July 14.
- McCluer, Wilbert C. (See Fenske, M. R., and McCluer.)
- McClure, Arthur W., assignor to McMillen Book Company, Syracuse, N. Y. Loose leaf binder. 2,056,798; Oct. 6.
- McClure E. H. (See Wayman, Albert J., assignor.)
- McClure, Foster M., San Diego, Calif. Swimming pad. 2,060,944; Nov. 17.
- McClure, Glenn T., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,034,307; Mar. 17.
- McClure, Glenn T., Wilmerding, and D. L. McNeal, Wilksburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,052,188; Aug. 25.
- McClure, Harry T., Warwick, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Machine for fastening covers to containers. 2,034,408; Mar. 17.
- McClure, Raymond R. (See Church, J. W., and McClure.)
- McClure, Robert E., assignor to R. J. Wean, Warren, Ohio. Automatic time controlled tuning mechanism for radio receivers. 2,050,719; Aug. 11.
- McClure, Robert E., assignor to R. J. Wean, Warren, Ohio. Control device. 2,050,720; Aug. 11.
- McClure, William W., Tulsa, Okla. Traffic signal. 2,064,211; Dec. 15.
- McCluskey, Francis J., assignor to James R. Kearney Corporation, St. Louis, Mo. Insulating handle for pliers. 2,057,201; Oct. 13.
- McCluskey, William A., St. Louis, Mo. Christmas tree ornament. 2,042,905; June 2.
- McColgan, Charles H., Cuyahoga Falls, Ohio. Jar clamp. 2,064,381; Dec. 15.
- McColl-Frontenac Oil Co. Limited. (See Taylor, G. R., and Smith, assignors.)
- McColl-Frontenac Oil Co. Limited. (See Wales, James A., assignor.)
- McCollam, Charles H., D. L. Warrick, and J. M. Gotshall, assignor to The Timken Roller Bearing Company, Canton, Ohio. Pickling of metal. 2,050,354; Aug. 11.
- McCollam, Charles H., D. L. Warrick, and J. M. Gotshall, assignors to The Timken Roller Bearing Company, Canton, Ohio. Pickling of metal. 2,050,355; Aug. 11.
- McCollum, Alvie D., assignor of one-half to J. C. Sanford, Stockton, Calif. Self-aligning drive shaft. 2,050,497; Aug. 11.
- McCollum, Andrew O., assignor to Hydraulic Brake Company, Detroit, Mich. Gear shifting mechanism. 2,035,328; Mar. 24.
- McCollum, Andrew O., assignor to Hydraulic Brake Company, Detroit, Mich. Ironing element. 2,036,426; Apr. 7.
- McCollum, Andrew O., assignor to Hydraulic Brake Company, Detroit, Mich. Brake. 2,049,656; Aug. 4.
- McCollum, Henry J. De N., Evanston, Ill. Automatic spark adjuster. 2,042,616; June 2.
- McCollum, Henry J. De N., Evanston, Ill. Carburetor controlled clutch operating apparatus. 2,054,634; Sept. 15.
- McComb, James G., Chicago, Ill. Signaling device. 2,054,508; Sept. 15.
- McCombs, Mathew F., and F. W. Decker, assignors to Niagara Alkali Company, Niagara Falls, N. Y. Apparatus for bleach pulp. 2,065,387; Dec. 22.
- McConkey, Montgomery W., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,051,879; Aug. 25.
- McConkey, Montgomery W., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,060,885; Nov. 17.
- McConkey, Montgomery W., assignor, by mesne assignments, to Bendix Brake Company, South Bend, Ind. Brake. 2,060,886; Nov. 17.
- McConnaughay, Kenneth E., assignor to Pre Cote Corporation, Indianapolis, Ind. Preparing paving material. 2,051,731; Aug. 18.
- McConnell, Charles W., trustees et al. (See Colby, Harold L., assignor.)
- McConnell, Ellen F., Colusa, Calif. Piepan holder. 2,049,128; July 28.
- McConnell, Elliott B., Cleveland Heights, Ohio. Fractionation column equipment. 2,055,301; Sept. 22.
- McConnell, Elliott B., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Treatment of cracked petroleum distillates. 2,030,033; Feb. 4.
- McConnell, Frederic W. (See Hinds, George A., assignor.)
- McConnell, Glenver, Tulsa, Okla., assignor, by mesne assignments, to Shell Development Company, San Francisco, Calif. Well drilling and pumping apparatus. 2,051,614; Aug. 18.
- McConnell, Harry J., and R. G. McConnell, Springfield, Ill. Distributor point grinder. 2,051,309; Aug. 18.
- McConnell, Henry I., Los Angeles, Calif. Card dealing device. 2,048,942; July 28.
- McConnell, Robert G. (See McConnell, Harry J., and R. G.)
- McConnell, Thomas, Northampton, assignor to Hampton Company, Easthampton, Mass. Treatment of cellulose filaments. 2,060,515; Nov. 10.
- McConnell, Thomas, Northampton, assignor to Hampton Company, Easthampton, Mass. Treating rayon. 2,064,985; Dec. 22.
- McConnon, Fred R., West Los Angeles, Calif. Apparatus for collapsing flexible containers. 2,037,138; Apr. 14.
- McCord, Alvin C., Chicago, Ill., and G. L. Tinkham, assignors, by mesne assignments, to McCord Radiator & Mfg. Co., Detroit, Mich. Portable electric drier. 2,027,605; Jan. 14.
- McCord, Charles D., Shaker Heights, Ohio. Shower shield. 2,032,180; Feb. 25.
- McCord, Frank P., assignor of one-half to G. D. Talley, Mexico, Mo. Heel leveler and arch support. 2,050,109; Aug. 4.
- McCord Radiator & Mfg. Co. (See Gobb, Arthur F., assignor.)
- McCord Radiator & Mfg. Co. (See Harris, Joseph D., assignor.)
- McCord Radiator & Mfg. Co. (See McCord, A. C., and Tinkham, assignors.)
- McCord Radiator & Mfg. Co. (See Tinkham, Guy L., assignor.)
- McCord Radiator & Mfg. Co. (See Watson, C. A. H., and McKinster, assignors.)
- McCorkell, Frank C., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Deck lid support. 2,056,799; Oct. 6.
- McCorkell, Vernon. (See Mendenhall, M. S., McCorkell, and Higginbotham.)
- McCormack, Alex A., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Motor-compressor unit for refrigerating apparatus. 2,062,035; Nov. 24.
- McCormack, Harry E., St. Louis, Mo. Link sausage heater. 2,039,545; May 5.
- McCormick, Byrd H., Bismarck, Mo. Egg poacher. 2,061,285; Nov. 17.
- McCormick, Charles E., Dearborn, Mich. Weather strip. 2,033,436; Mar. 10.
- McCormick, David, Dunmore, Pa. Pressure controlling device for gasoline pumps. 2,026,690; Jan. 7.
- McCormick, David F., Ellard, Va., assignor to Kaolin Processes Inc., Elizabeth, N. J. Method and apparatus for treating and filtering clay slip. 2,049,071; July 28.
- McCormick, Elmer, assignor to John Deere Tractor Company, Waterloo, Iowa. Magneto mounting. 2,037,083; Apr. 14.
- McCormick, J. H., & Co. (See Caldwell, William J., assignor.)
- McCormick, J. H., & Co. (See Clarkson, Ralph P., assignor.)
- McCormick, J. H., & Co. (See Dodge, Harry H., assignor.)
- McCormick, J. H., & Co. (See McCormick, John H., assignor.)
- McCormick, John, Hillside, N. J. Clothesline clamp lock. 2,060,628; Nov. 10.
- McCormick, John H., assignor to J. H. McCormick & Co., Williamsport, Pa. Air discharge nozzle. 2,053,403; Sept. 8.
- McCormick, Ralph D., Washington, D. C. Tabulating or accounting machine. 2,041,256; May 19.
- McCormick, William F., Elmhurst, N. Y., assignor to Barge Electric Shoe Cement Press, Inc. Shoe sole attaching apparatus. 2,065,238; Dec. 22.
- McCormick, William K., Walkerville, and M. A. Stein, Windsor, Ontario, Canada. Pessary. 2,041,424; May 19.
- McCornack, Herbert, Howey-in-the-Hills, Fla. Centrifugal apparatus for cleaning and conditioning air. 2,047,424; July 14.



- McCornack, Herbert, Glen Ridge, N. J. Process of milking. 2,050,356; Aug. 11.
- McCornack, Herbert, Howey in the Hills, Fla. Apparatus for cleaning liner disks of a centrifugal liquid separator. 2,062,100; Nov. 24.
- McCortney, Willett J. (See Lee, R. K., and McCortney.)
- McCortney, Willett J., Rayol Oak, assignor to Chrysler Corporation, Detroit, Mich. Direct bonding of rubber to metal. 2,058,246; Oct. 20.
- McCowan, William. (See Twiss, D. F., and McCowan.)
- McCoy, Aaron E., Malin, Oreg. Tractor. 2,065,598; Dec. 29.
- McCoy, Charles F., Pennington, assignor to Trenton Spring Products Company, Trenton, N. J. Protecting, silencing, and rigidizing fabricated spring structures. 2,058,165; Oct. 20.
- McCoy, Charles W., Spokane, Wash. Liquid circulating system. 2,043,762; June 9.
- McCoy, Harry E., Alabama City, Ala., assignor to Gulf States Steel Company. Making corrugated metal roll roofing. 2,038,437; Apr. 21.
- McCoy, Harry E., assignor, by mesne assignments, to J. Northrup, Los Angeles, Calif. Playing card shuffler. 2,060,096; Nov. 10.
- McCoy, Henry J., Minneapolis, Minn. Static eliminator. 2,042,792; June 2.
- McCoy, Glen R., Wayland, Iowa. Reeling machine. 2,039,915; May 5.
- McCoy, William, Zanesville, Ohio, assignor to American Encaustic Tiling Company, Ltd., New York, N. Y. Structural tile and method of making the same. 2,056,069; Sept. 29.
- McCray Refrigerator Company. (See Hopkins, George J., assignor.)
- McCrea, Adelia, assignor to Parke, Davis & Company, Detroit, Mich. Ergot preparation and obtaining the same. 2,056,360; Oct. 6.
- McCrea, Robert H., Oakmont, Pa. Catcher and thrower game device. 2,042,544; June 2.
- McCreadie, John, and G. Hickerson, Midland, Mich. Lubricator. 2,042,184; May 26.
- McCreedy, James P., New York, N. Y. Screw cap remover. 2,052,641; Sept. 1.
- McCreedy, John H. (See Coolidge, J. R., and McCreedy.)
- McCreedy, Robert M., Scotland, Ontario, Canada. Attachment for planting machines. 2,036,765; Apr. 7.
- McCreary, Harold J., assignor of one-fourth to R. G. Richardson, one-fourth to H. H. Englehardt, and one-fourth to F. B. Brunner, Chicago, Ill. Cathode ray device. 2,027,393; Jan. 14.
- McCreary, Harold J., Lombard, Ill., assignor to Radio Corporation of America, New York, N. Y. Sound recording. 2,050,011; Aug. 4.
- McCreary, Harold J., assignor of one-third to R. G. Richardson, Chicago, Ill. Electron contact relay. 2,066,211; Dec. 29.
- McCreary, John. (See Wilson, E. J., and McCreary.)
- McCrery, Harold E., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Apparatus for controlling the flow of material. 2,040,703; May 12.
- McCrery, Harold E., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Tamper for concrete road finishing machines. 2,042,156; May 26.
- McCrery, Harold E., Aspinwall, assignor to Blaw-Knox Company, Blawnox, Pa. Weighing batcher. 2,046,693; July 7.
- McCrery, Harold E., Aspinwall, assignor to Blaw-Knox Company, Blawnox, Pa. Cement handling plant. 2,048,877; July 28.
- McCrery, Harold E., Aspinwall, assignor to Blaw-Knox Company, Pittsburgh, Pa. Pavement finishing machine. 2,054,263; Sept. 15.
- McCrery, Harold E., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Weighing apparatus. 2,066,012; Dec. 29.
- McCrohan, James P., et al. (See Daley, Thomas D., assignor.)
- McCulloch, Andrew, Stalybridge, and R. E. Hargraves, deceased, Davyhulme, England, W. E. Hargraves, Burbank, Davyhulme, England, administratrix, assignors to Carbo-Norit-Union Verwaltungen Gesellschaft m. b. H., Frankfurt-on-the-Main, Germany. Preparation of activated or absorbent carbon or decolorizing carbon. 2,027,695; Jan. 14.
- McCulloch, Frederick L., Tampa, Fla. Automobile license plate locking device. 2,042,267; May 26.
- McCulloch, Leon, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cement. 2,032,142; Feb. 25.
- McCulloch, Leon, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dielectric material and producing it. 2,044,175; June 16.
- McCulloch, Leon, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Noninflammable paint. 2,044,176; June 16.
- McCulloch, Leon, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High resistance material. 2,050,357; Aug. 11.
- McCulloch, Robert, Fort William, Ontario, Canada. Shoe. 2,035,561; Mar. 31.
- McCulloh, Marvin W., assignor to Sayles Biltmore Bleacheries, Inc., Biltmore, N. C. Sewing machine control mechanism. 2,061,431; Nov. 17.
- McCulloh, Marvin W., assignor to Sayles Biltmore Bleacheries, Inc., Biltmore, N. C. Sewing machine with automatic thread cutter. 2,061,432; Nov. 17.
- McCullough, Charles F., assignor to General Motors Corporation, Detroit, Mich. Alignment fixture. 2,050,721; Aug. 11.
- McCullough, Ervin W., Indianapolis, Ind. Product from ordinary garbage and preparing same. 2,042,429; May 26.
- McCullough, Frederick S., Edgewood, assignor to The Union National Bank of Pittsburgh, Pittsburgh, Pa. Thermionic tube and circuit embodying the same. 2,048,133; July 21.
- McCullough, Ira J., Huntington Park, assignor to James A. Kammerdiner, Los Angeles, Calif. Jarring tool. 2,029,579; Feb. 4.
- McCullough, Ira J., Huntington Park, assignor to J. A. Kammerdiner, Los Angeles, Calif. Jarring tool. 2,035,905; Mar. 31.
- McCullough, Ira J., Huntington Park, assignor to J. A. Kammerdiner, Los Angeles, Calif. Jarring tool. 2,058,166; Oct. 20.
- McCullough, Jack. (See Eitel, W. W., and McCullough.)
- McCullough, Jack, San Bruno, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Filament mounting. 2,040,622; May 12.
- McCullough, Paul J., assignor to Scullin Steel Co., St. Louis, Mo. Automatic control apparatus. 2,030,146; Feb. 11.
- McCullough, Paul J., and A. H. Sullivan, St. Louis, Mo. Safety razor blade knife. 2,037,914; Apr. 21.
- McCullough, William E., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Cadmium-cobalt bearing alloy. 2,043,588; June 9.
- McCumber, Moses M., Seminole, Okla. Friction disk brake. 2,051,566; Aug. 18.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Triple valve device. 2,032,143; Feb. 25.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,035,086; Mar. 24.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor control device. 2,038,184; Apr. 21.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor governor. 2,038,185; Apr. 21.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,039,732; May 5.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 2,039,733; May 5.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 2,042,115; May 26.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,045,158; June 23.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Hydraulic brake system. 2,048,349; July 21.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Throttle valve device. 2,058,028; Oct. 20.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake valve device. 2,058,029; Oct. 20.
- McCune, Joseph C., Wilmerding, and S. Johnson, Jr., assignors, by mesne assignments, to The Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Compressor. 2,033,437; Mar. 10.
- McCurdy, John R., Virginia, Minn. Apparatus for forming and surveying earth cores. 2,030,015; Feb. 4.
- McCurdy, Ralph G., Englewood, N. J. Power transmitting apparatus. 2,059,738; Nov. 3.
- McCutcheon, John T., Gainesville, Tex. Photograph film holder. 2,052,480; Aug. 25.
- McDaniel, Ira C., Kansas, Ohio. Perpetual calendar. 2,050,110; Aug. 4.
- McDaniel, James W., Pomona, N. C. Auxiliary pull-down motion for looms. 2,030,600; Feb. 11.
- McDaniel, Willard C., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Pressing apparatus. 2,026,692; Jan. 7.
- McDermott, Darwin D., San Jose, Calif. Hoist. 2,056,476; Oct. 6.
- McDermott, Donald. (See Havanas, Albert R., assignor.)
- McDermott, Harold R. (See Garber, E. C., and McDermott.)
- McDermott, Howard N., Washington, D. C., assignor of one-half to M. E. Elsom, Hendersonville, N. C., and one-half to E. A. Betzell, Washington, D. C. Game. 2,048,077; July 21.
- McDermott, Thomas S., assignor to Clark-Cutler-McDermott Company, Franklin, Mass. Machine for making needle punched fabric. 2,036,766; Apr. 7.
- McDermott, Thomas S., assignor to Clark-Cutler-McDermott Company, Franklin, Mass. Needled fabric. 2,059,132; Oct. 27.
- McDermut, Lewis E., Chicago, Ill. Method of recovering values from zinc spelter skimmings. 2,036,291; Apr. 7.
- McDiarmid, Thomas B. (See Shirlow, A. E., and McDiarmid.)



- McDiarmid, Thomas B., Melbourne, Victoria, Australia. Holder for sharpening razor blades. 2,041,010; May 19.
- McDill, Rex De O., Riverside, and L. E. Jones, Santa Monica, assignors to Food Machinery Corporation, San Jose, Calif. Apparatus for treating fruit. 2,033,044; Mar. 3.
- McDonald, C. C., et al. (See Baade, William G., assignor.)
- McDonald, Chester E., Schenectady, N. Y., assignor to General Electric Company. Electric heating pad. 2,032,294; Feb. 25.
- McDonald, Colin G., Spokane, Wash. Sign. 2,058,900; Oct. 27.
- McDonald, Dan, Los Angeles, Calif. Boiler water feed. 2,056,973; Oct. 13.
- McDonald, Eugene F., Jr., assignor to Zenith Radio Corporation, Chicago, Ill. Radio tuning and indicating apparatus. 2,052,238; Aug. 25.
- McDonald, Frank H., Pittsburgh, Pa. Electrical advertising sign. 2,030,886; Feb. 18.
- McDonald, Guy A., Chicago Heights, Ill., assignor to Victor Chemical Works. Rustproofing composition and coating iron and steel. 2,030,601; Feb. 11.
- McDonald, James, Weehawken, N. J., assignor to Todd Combustion Equipment, Inc., New York, N. Y. Liquid fuel burning equipment. 2,049,508; Aug. 4.
- McDonald, James, Weehawken, N. J., assignor to Todd Combustion Equipment, Inc., New York, N. Y. Liquid fuel burner. 2,049,509; Aug. 4.
- McDonald, John J., West View, Pa. Nonrefillable bottle. 2,046,340; July 7.
- McDonald, John P., Austin, Tex. Forming stones of plastic material and supplying the stones with indicia. 2,039,488; May 5.
- McDonald, Lawrence W., Russellville, Ark. Animal trap. 2,059,954; Nov. 3.
- McDonald, Louis E., Houston, Tex., assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Multiple electrode treater and method. 2,033,143; Mar. 10.
- McDonald, William. (See McKee, H. H., and McDonald.)
- McDonald, William R., assignor to L. H. Stark, Los Angeles, Calif. Coin control for scales. 2,029,269; Jan. 28.
- McDonald, Willis V., Abilene, Tex. Glove testing device. 2,054,204; Sept. 15.
- McDonnell, James W., Palo Alto, Calif. Tire pressure indicating system. 2,063,452; Dec. 8.
- McDonnell, Samuel M., Neenah, Wis. Brake lock. 2,030,753; Feb. 11.
- McDonnell, William E., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Ophthalmic mounting for rimless eyeglasses. 2,060,421; Nov. 10.
- McDonough, Ambrose A., and C. D. Vickers, Chicago, and C. Schaumburg, Oak Park, Ill., said Schaumburg assignor to said McDonough and said Vickers. Paper holder. 2,030,602; Feb. 11.
- McDonough, Francis L., and H. Russell, Dorchester, Mass.; said Russell assignor to said McDonough. Radiator valve for steam heating systems. 2,057,041; Oct. 13.
- McDorman, Paul, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Cleaning process. 2,043,300; June 9.
- McDougall, George F. (See Hodge, E. T., and McDougall.)
- McDougall, George F., assignor to E. T. Hodge, Portland, Oreg. Change pitch propeller. 2,028,463; Jan. 21.
- McDougall, Patrick J. (See Douglas, G. C., and McDougall.)
- McDowell, Earl. (See McDowell, John, J. F., and E.)
- McDowell, Hugh, Jr., Los Angeles, Calif. Timing mechanism for valves, electric switches, or other mechanical movements. 2,036,595; Apr. 7.
- McDowell, James F. (See McDowell, John, J. F., and E.)
- McDowell, James T., Denver, Colo. Elevating form for casting hollow concrete walls. 2,045,789; June 30.
- McDowell, Joe E., Woodsboro, assignor, by mesne assignments, of one-half to H. P. Wills, Harris County, Tex. Record book photographing appliance. 2,065,011; Dec. 22.
- McDowell, John, J. F., and E., Palisade, Colo., assignors of seven and one-half per cent to C. W. Tharp, five per cent to O. Thompson, two and one-half per cent to Jack Naeye, two and one-half per cent to V. L. Leeper, three per cent to T. Matthews, two per cent to J. W. Ward, and five per cent to N. B. Grant. Sprinkling attachment for hose. 2,028,555; Jan. 21.
- McDowell, John S. (See Harvey, F. A., and McDowell.)
- McDowell, Roy E., Waukesha, Wis. Animal restraining device. 2,056,013; Sept. 29.
- McDuffie, William C., receiver. (See Craig, W. A., and Griffith, assignors.)
- McEachern, Joseph G., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Repeater for rolling mills. 2,034,264; Mar. 17.
- McElhannon, James H. (See Wills, Edward K., assignor.)
- McElroy, William S., and W. F. Herron, Pittsburgh, Pa. Anti-anemia material and making the same. 2,032,544; Mar. 3.
- McElmoyl, Frank B., assignor to W. J. McElmoyl & Co., Inc., Groveville, N. J. Seat. 2,044,717; June 16.
- McElmoyl, W. J., & Co. (See McElmoyl, Frank B., assignor.)
- McElrath, Hunter B., Winston Salem, N. C. Electron tube. 2,032,545; Mar. 3.
- McElrath, William W., Roanoke, Va., assignor to Cello-Rite Ribbon Corporation. Regenerated cellulose inking machine ribbon. 2,054,091; Sept. 15.
- McElroy, Isaac B., and R. H. Shadrick, Minneapolis, Minn. Variable speed pulley. 2,050,358; Aug. 11.
- McElroy, Karl P., Washington, D. C. Standardizing water for mashing processes. 2,059,645; Nov. 3.
- McElroy, Roy H. (See Langenkamp, A. G., and McElroy.)
- McElvain, Charles A., Butler, Pa. Humidifier. 2,048,017; July 21.
- McElwain, J. F., Co. (See Flaherty, P. H., and Murphy, assignors.)
- McElwaine, Clayton B., assignor of fifty-one per cent to H. N. Greis, Tulsa, Okla. Balanced pressure regulator. 2,042,906; June 2.
- McEuen, Harry B., Jacksonville, Fla. X-ray apparatus. 2,040,441; May 12.
- McEvoy, George A., Newton, Mass. Nonskid device for wheels. 2,034,821; Mar. 24.
- McEvoy, J. H., & Company. (See Howard, James H., assignor.)
- McEvoy, J. H., & Company. (See Howard, J. H., and Markins, assignors.)
- McEwan, Matthew H., assignor to Woodall-Duckham (1920) Limited, London, England. Swiveling hook device. 2,036,594; Apr. 7.
- McFadden, Elmer D., assignor of one-eighth to H. L. McFadden, Harrisville, and one-eighth to P. R. McFadden, Grove City, Pa. Oil well packer. 2,031,613; Feb. 25.
- McFadden, H. W., et al. (See Smith, Ernest F., assignor.)
- McFadden, Horrie L., et al. (See McFadden, Elmer D., assignor.)
- McFadden, Perry R., et al. (See McFadden, Elmer D., assignor.)
- McFadden, Ross M., Glendale, Calif. Curler. 2,064,312; Dec. 15.
- McFadden, William G., Niles, Ohio. Hydraulic roll adjuster mechanism. 2,027,283; Jan. 7.
- McFadden, William J., Cedar Rapids, Iowa. Electrical connector. 2,050,440; Aug. 11.
- McFall, Robert J., Cherrydale, and F. H. Roland, Ashton Heights, Va. Electrically controlled valve. 2,064,935; Dec. 22.
- McFall, Thurlow E., Sparta, Mich. Trailer brake construction. 2,027,606; Jan. 14.
- McFarland, Harold A., assignor of one-half to Nels C. Petersen, Casper, Wyo. Manually controlled automatic balancing regulator. 2,033,842; Mar. 10.
- McFarlane, Edwin C., Pearl River, N. Y. Power transmission mechanism. 2,047,792; July 14.
- McFarlane, Maynard D., and G. Kinn, Hempstead, assignors to Mackinner Corporation, New York, N. Y. Method and apparatus for making printing plates. 2,063,614; Dec. 8.
- McFarlane, William A., Honaker, Va. Steel wire clothespin. 2,064,212; Dec. 15.
- McFaul, Malcolm. (See Kimball, W. D., Braren, and McFaul.)
- McFerran, Robert B., Minneapolis, Minn. Cabin structure. 2,033,438; Mar. 10.
- McGall, Philip K., Orange, N. J. Toy airplane. 2,059,131; Oct. 27.
- McGary, Frank E. (See Hochreiter, E., and McGary.)
- McGaughy, John B., Tulsa, Okla., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Gas orifice meter chart calculating machine. 2,057,664; Oct. 20.
- McGavack, John, Leonia, N. J., assignor to United States Rubber Company, New York, N. Y. Chemically creaming latex. 2,058,247; Oct. 20.
- McGay, John B. (See Hasford, C. B., and McGay.)
- McGay, John B. (See Nicholson, G. E., McGay, and Sanders.)
- McGee, Arthur G., Cleveland, Ohio. Method of and apparatus for reducing the velocity of fluids. 2,048,613; July 21.
- McGee, Clifford N., Dry Ridge, Ky. Cover for beer cases. 2,054,729; Sept. 15.
- McGee, Frank R., Steubenville, Ohio. Hot-blast stove burner connection arrangement. 2,049,815; Aug. 4.
- McGee, Frank R., Steubenville, Ohio. Hot-blast stove bottom. 2,049,816; Aug. 4.
- McGee, Frank R., Steubenville, Ohio. Dust catcher. 2,051,567; Aug. 18.
- McGee, John M., and R. M. Roe, Casper, Wyo., assignors to Standard Oil Company (Indiana), Chicago, Ill. Desulphurizing gasoline. 2,032,662; Mar. 3.
- McGeorge, William T., et al. (See Sweek, William O., assignor.)
- McGerry, James J., East Grand Rapids, assignor to McKelly-Ward Corporation, Grand Rapids, Mich. Combination speculum surgical instrument. 2,039,546; May 5.
- McGhee, James, Cocoa, Fla. Animal trap. 2,042,349; May 26.
- McGiehan, Donald C., Yonkers, N. Y. Intaglio printing machine. 2,036,158; Mar. 31.
- McGiffin, Norton. (See Hepfinger, Clayton W., assignor.)
- McGill, Charles S., assignor to McGill Manufacturing Company, Valparaiso, Ind. Portable incandescent lamp. 2,026,792; Jan. 7.
- McGill, Charles S., and R. Popp, assignors to McGill Manufacturing Company, Valparaiso, Ind. Control switch for two-filament lamps. 2,044,317; June 16.
- McGill Manufacturing Company. (See McGill, Charles S., assignor.)



- McGill Manufacturing Company. (See McGill, C. S., and Popp, assignors.)
- McGill Manufacturing Company. (See Robinson, Thomas L., assignor.)
- McGill, Russell, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacturing aminoguanidine. 2,033,203; Mar. 10.
- McGill, William H., Winchester, Mass. Grinding stone. 2,035,173; Mar. 24.
- McGill, William H., Winchester, Mass. Signal device. 2,053,776; Sept. 8.
- McGinley, Joseph C. (See Kirk, M. J., and McGinley.)
- McGinn, Joseph. (See Corner, G. H. C., and McGinn.)
- McGohan, George W. (See Canfield, J. J., and McGohan.)
- McGohan, George W., assignor to The American Rolling Mill Company, Middletown, Ohio. Device for coating metal pieces. 2,064,173; Dec. 15.
- McGonegal, Err S., Rutherford, N. J. Portable grinding tool. 2,055,302; Sept. 22.
- McGowan, Joseph, Minneapolis, Minn. Combination cabinet. 2,046,393; July 7.
- McGowan, L. H. (See Edwards, Hiram W.)
- McGowan, Michael E., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Butt-sealing incandescent electric lamps. 2,028,342; Jan. 21.
- McGowan, William I., Cambridge, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Seal for containers. 2,047,977; July 21.
- McGowen, William R., assignor to The McKay Company, Pittsburgh, Pa. Glider. 2,037,333; Apr. 14.
- McGrael, Edward J., assignor to S. Strunz & Sons, Inc., Pittsburgh, Pa. Liquid soap mixing device. 2,039,275; Apr. 28.
- McGrath, John H., assignor to Puget Sound Paper Box Company, Seattle, Wash. Candy box. 2,063,259; Dec. 8.
- McGrath, Thomas H., Detroit, Mich. Battery terminal. 2,027,646; Jan. 14.
- McGrath, Thomas, Inc. (See Hamin, Samuel A., assignor.)
- McGrath, William L., assignor to Eclipse Machine Company, Elmira, N. Y. Power controlling system. 2,044,395; June 16.
- McGrath, William L., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 2,064,382; Dec. 15.
- McGraw Electric Company. (See Ireland, Murray, assignor.)
- McGraw Electric Company. (See Krichton, Carl V., assignor.)
- McGraw Electric Company. (See Lucia, Louis V., assignor.)
- McGraw Electric Company. (See Scharf, Frank W., assignor.)
- McGregor, David R., Springfield, Ohio. Apparatus for measuring liquids. 2,052,577; Sept. 1.
- McGregor, Donald R., Norwalk, Conn. Automobile headlight lens. 2,058,707; Oct. 27.
- McGregor, Edward C. (See Franklyn, F. A., and McGregor.)
- McGregor, Rob R., Swissvale, and E. W. Tillotson, Pittsburgh, assignors to Macheth-Evans Glass Company, Charleroi, Pa. Purifying glass sand. 2,031,969; Feb. 25.
- McGrew, John A., Albany, N. Y. Auxiliary locomotive. 2,037,641; Apr. 14.
- McGuinness, Bernard A., Belmont, Mass. Window grating. 2,043,835; June 9.
- McGuinness, William V., Flushing, and J. M. Chulstrom, Elmhurst, N. Y., and A. Drenkard, Jr., Grantwood, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Selective tube system. 2,039,016; Apr. 28.
- McGuire, Bernard, Lansing, Iowa. Ditch gate. 2,042,350; May 26.
- McGuire, Daniel C., Flint, assignor to General Motors Corporation, Detroit, Mich. Tube welding machine. 2,027,607; Jan. 14.
- McGuire, William T., Algona, Iowa. Elevating road grader. 2,044,315; June 16.
- McGurn, William D. (See Blomgren, Henry E., assignor.)
- McHarness, Robert C. (See Calcott, W. S., and McHarness.)
- McHenry, James, assignor of one-half to The Eastern Market Cold Storage Company, Detroit, Mich. Feeding device for egg testing and grading machines. 2,032,946; Mar. 3.
- McHenry, James, assignor of one-half to The Eastern Market Cold Storage Company, Detroit, Mich. Egg candling device. 2,054,294; Sept. 15.
- McHenry, Karmon L., assignor of one-third to C and G Oil Company, Inc., and one-third to Wanete Oil Company, Dallas, Tex. Recording seismic waves. 2,063,820; Dec. 8.
- McHugh, Frank J., assignor to The Shake-Back Corporation, Chicago, Ill. Fuse plug. 2,060,819; Nov. 17.
- McHugh, Joseph P., Scranton, Pa., assignor to General Patents Corp., New York, N. Y. Silk throwing and quill or cop forming process and apparatus. 2,044,621; June 16.
- McIlhenny, Wilber H., San Jose, Calif. Shoelace clasp. 2,035,174; Mar. 24.
- McIlvain, Earl E. (See Steele, R. N., and McIlvain.)
- McIlvaine Burner Corporation. (See McIlvaine, John H., assignor.)
- McIlvaine, Hubert A., Cleveland Heights, Ohio, assignor to The Continental Fruit Products Company, Frostproof, Fla. Food container and preparing the same. 2,038,584; Apr. 28.
- McIlvaine, John H., assignor to McIlvaine Burner Corporation, Chicago, Ill. Oil burner. 2,056,477; Oct. 6.
- McIlvaine, Oran T., Cleveland, Ohio, assignor to McIlvaine Patent Corporation, St. Charles, Ill. Vacuum tube. 2,040,752; May 12.
- McIlvaine, Oran T., Cleveland, Ohio, assignor to McIlvaine Patent Corporation, St. Charles, Ill. Electric ray producing device. 2,040,753; May 12.
- McIlvaine, Oran T., Cleveland, Ohio, assignor to McIlvaine Patent Corporation, St. Charles, Ill. Electric light. 2,060,584; Nov. 10.
- McIlvaine Patent Corporation. (See McIlvaine, Oran T., assignor.)
- McIlveney, Patrick, Devonport, Auckland, New Zealand. Safety device for electrical appliances. 2,041,362; May 19.
- McIlvried, Howard G., Ross Township, Allegheny County, Pa., C. E. Moore, Gary, and R. E. Peterson, Aetna, Ind., assignors to American Sheet and Tin Plate Company. Rolling sheet and pack. 2,056,108; Sept. 29.
- McIlwraith, John W., et al. (See Gill, C. C., Julian, McIlwraith, and Rutledge, assignors.)
- McInerney, James L., Grand Rapids, Mich. Spring seat construction. 2,042,157; May 26.
- McIntire, Charles V., Short Hills, assignor to Somet Solvay Engineering Corporation, New York, N. Y. Collector main valve assembly. 2,027,548; Jan. 14.
- McIntire, James E., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Taping and folding machine. 2,042,545; June 2.
- McIntosh, Charles O., Des Moines, and O. R. Essex, Muscatine, Iowa. Permanently waving hair. 2,063,260; Dec. 8.
- McIntosh, Frederick F., Glen Osborne, Pa., assignor to Crucible Steel Company of America, New York, N. Y. Hot work steel. 2,053,800; Sept. 8.
- McIntosh, James, assignor to Carnegie Steel Company, Pittsburgh, Pa. Coke-oven. 2,049,817; Aug. 4.
- McIntosh, Maurice D., Marion, Kans., assignor to L. S. Sanders, Cleveland, Ohio. Producing drawings or other compositions. 2,038,516; Apr. 21.
- McIntosh, Robert D., River Forest, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Game device. 2,039,969; May 5.
- McIntosh, William F., Charlestown, Mass. Electrical receptacle plug. 2,030,016; Feb. 4.
- McIntosh, William F., Charlestown, Mass. Electrical receptacle. 2,039,916; May 5.
- McIntyre, Charles N. and W. E., Fayetteville, N. Y. Machine for reclaiming waste fiber. 2,064,024; Dec. 15.
- McIntyre, John, Portobello, Edinburgh, Scotland. Machine for grinding material. 2,057,307; Oct. 13.
- McIntyre, Patrick J., Detroit, Mich. Bright annealer. 2,028,941; Jan. 28.
- McIntyre, William W., assignor of one-half to H. A. Armstrong, Detroit, Mich. Oil burner. 2,060,516; Nov. 10.
- McIntyre, Winfield E. (See McIntyre, Charles N. and W. E.)
- McIver, Paul D., Salt Lake City, Utah, assignor to Hills Bros., San Francisco, Calif. Display stand. 2,063,393; Dec. 8.
- McIver, Robert D. (See Allred, Otis B., assignor.)
- McIvor, George A. B. (See Whiston, H. W., McIvor, and Thein.)
- McJoynt, Thomas L., Janesville, Wis. Upholstery pad stuffing machinery. 2,040,094; May 12.
- McJoynt, Thomas L., Janesville, Wis. Method of stuffing pads. 2,047,214; July 14.
- McJoynt, Thomas L., Janesville, Wis. Upholstery pad stuffing machinery. 2,047,215; July 14.
- McJoynt, Thomas L., Janesville Wis. Pad filling apparatus. 2,060,629; Nov. 10.
- McJoynt, Thomas L., Janesville, Wis. Upholstery pad stuffing machinery. 2,064,213; Dec. 15.
- McKahn, Herbert B., assignor to Deere & Company, Moline, Ill. Disk harrow. 2,062,756; Dec. 1.
- McKaig, Eddy T. (See Kimball, W. D., McKaig, and Braren.)
- McKay-Clements, John L. C., assignor to The Wabi Iron Works, Limited, New Liskeard, Canada. Tube mill. 2,066,138; Dec. 29.
- McKay Company, The. (See Blum, Gustav K., assignor.)
- McKay Company, The. (See Hardy, Wilbert E., assignor.)
- McKay Company, The. (See McGowen, William R., assignor.)
- McKay, John A., Coshocton, assignor to The Jones Metal Products Company, West Lafayette, Ohio. Separable electric socket. 2,041,425; May 19.
- McKay, John A., Coshocton, assignor to Jones Metal Products Company, West Lafayette, Ohio. Reflector. 2,065,599; Dec. 29.
- McKay, John W., Brooklyn, N. Y., assignor to National Television Corporation, Wilmington, Del. System of transmitting images. 2,056,974; Oct. 13.
- McKay, Robert C., Swampscott, Mass. Apparatus for cooling warm milk. 2,031,274; Feb. 18.
- McKay, Robert J., Basking Ridge, and E. M. Wise, Westfield, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Cladded cooking utensil. 2,053,096; Sept. 1.



- McKay, William A., Essex Falls, N. J., assignor to Westinghouse Lamp Company. Short exposure X-ray system. 2,046,399; July 7.
- McKeage, John F., assignor to McKeage Machinery Co., Montrose, Pa. Meat cutting machine. 2,059,595; Nov. 3.
- McKeage Machinery Co. (See McKeage, John F., assignor.)
- McKean, Donald J., and O. Tusting, San Francisco, Calif. Cabinet. 2,055,038; Sept. 22.
- McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Package size indicator for winding machines. 2,037,475; Apr. 14.
- McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Winding machine. 2,058,811; Oct. 27.
- McKean, John R., Rumford, and H. S. Busey, East Providence, R. I., assignors to Kennecott Wire and Cable Company. Continuous wire drawing and annealing. 2,057,582; Oct. 13.
- McKechnie, Robert R., Jr., Madison, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Fishing rod handle. 2,057,535; Oct. 13.
- McKee, Charles R. (See Malone, J. Y., Carroll, and McKee.)
- McKee, Charles W., Seattle, Wash., assignor to McKee Coin Selector, Inc. Coin selecting mechanism. 2,065,495; Dec. 22.
- McKee Coin Selector, Inc. (See McKee, Charles W., assignor.)
- McKee, Edward R., Buffalo, and A. S. Hunter, Kenmore, assignors to Du Pont Rayon Company, New York, N. Y. Spinning rayon. 2,060,097; Nov. 10.
- McKee, Garnet W. (See Olsen, Ove M., assignor.)
- McKee, Garnet W., Rockford, Ill. Pressure regulator. 2,026,793; Jan. 7.
- McKee, Garnet W., Rockford, Ill. Gas burner. 2,040,147; May 12.
- McKee, Garnet W., Rockford, Ill. Gas mixing apparatus. 2,063,453; Dec. 8.
- McKee Glass Company. (See Poglein, Louis, assignor.)
- McKee, Grosvenor S., Athens, Ohio, and H. L. Galson, Philadelphia, Pa., assignors to Baldwin-Southwark Corporation. Valve mechanism and actuating means therefor. 2,031,614; Feb. 25.
- McKee, Harry H. (See Dziedzic, N. J., and McKee.)
- McKee, Harry H., assignor to Swift and Company, Chicago, Ill. Marking meats. 2,040,148; May 12.
- McKee, Harry H., assignor to Swift and Company, Chicago, Ill. Branding lamb and the like. 2,040,149; May 12.
- McKee, Harry H., Chicago, and W. McDonald, River Forest, assignors to Industrial Patents Corporation, Chicago, Ill. Treatment of frozen meat. 2,060,423; Nov. 10.
- McKee, Harry H., and G. R. Henney, assignors to Swift and Company, Chicago, Ill. Meat treating method. 2,060,422; Nov. 10.
- McKee, John E. (See Potts, R. H., and McKee.)
- McKee, John F., Lansdowne, Pa. Steam trap. 2,051,732; Aug. 18.
- McKee, Neal T., Bronxville, N. Y. Piston ring. 2,051,101; Aug. 18.
- McKee, Ralph H., Jersey City, N. J. Purification of carbon dioxide. 2,039,330; May 5.
- McKee, Ralph H., New York, N. Y. Recovery of organic constituents from black liquor. 2,063,177; Dec. 8.
- McKee, Ralph H., New York, N. Y., assignor to U. S. Hydrogenation Corporation. Conversion and hydrogenation of heavy petroleum oils and apparatus. 2,023,795; Jan. 28.
- McKee, Ralph H., Jersey City, and E. H. Morse, Nutley, N. J. Manufacture of cellulose acetate. 2,036,947; Apr. 7.
- McKee, Ralph H., and E. A. Winter, assignors to Macmar Corporation, New York, N. Y. Recovery of carbon dioxide from waste gases. 2,043,109; June 2.
- McKeefrey, Elvira C., assignor to The Model Brassiere Co., Inc., Brooklyn, N. Y. Garment. 2,039,821; May 5.
- McKeefrey, Elvira C., assignor to Model Brassiere Corporation, Brooklyn, N. Y. Brassiere. 2,048,638; July 21.
- McKeel, James M., San Jose, Calif. Milk bottle holder. 2,038,585; Apr. 28.
- McKeever, Roy S., assignor to Smith Separator Corporation, Tulsa, Okla. Oil and gas separator. 2,037,426; Apr. 14.
- McKeige, Edward E., assignor to The Girard Manufacturing Company, Girard, Pa. Connector for toy railroad tracks. 2,040,665; May 12.
- McKellar, Elmore, assignor of one-half to R. R. Cooper, Winnipeg, Manitoba, Canada. Activation of bentonites. 2,066,212; Dec. 29.
- McKellar, Marion S., R. P. Sherman, and H. W. Fletcher, assignors to Hughes Tool Company, Houston, Tex. Resilient seat for valves. 2,030,458; Feb. 11.
- McKelly-Ward Corporation. (See McGerry, James J., assignor.)
- McKelvey, Mary, Toms River, N. J. Scalp blower. 2,050,111; Aug. 4.
- McKendrick, Charles, Edinburgh, Scotland. Pipe joint. 2,037,812; Apr. 21.
- McKenna, Barney, Whiting, Ind. Valve reseating tool. 2,059,383; Nov. 3.
- McKenna Brass & Manufacturing Company. (See De Markus, Louis, assignor.)
- McKenna Brass & Manufacturing Company. (See De Markus, L., and Fouser, assignors.)
- McKenna, Frank L., assignor to Detroit Stamping Co., Detroit, Mich. Toggle clamp. 2,054,572; Sept. 15.
- McKenna, Philip M., Unity Township, Westmoreland County, Pa., assignor to Vanadium-Alloys Steel Company, Latrobe, Pa. Hard composition of matter. 2,039,822; May 5.
- McKenna Process Company of Illinois. (See Langford, George, assignor.)
- McKenna, William H., Boulder, Colo. Golf club. 2,057,275; Oct. 13.
- McKenzie, Henry J. (See Wade, John B., assignor.)
- McKenzie, Joseph A., Oklahoma City, Okla. Drill pipe float valve. 2,063,821; Dec. 8.
- McKeon, John J., Troy, N. Y., assignor, by mesne assignments, to Railway Service & Supply Corporation, Indianapolis, Ind. Reclaiming oil waste. 2,055,938; Sept. 29.
- McKeown, Irma B., Chester, S. C. Flake filling mechanism for spinning frames. 2,046,919; July 7.
- McKerrall, John, New Orleans, La. Oil heater. 2,053,623; Sept. 8.
- McKesson, Elmer I., deceased, Toledo, Ohio, M. F. McKesson, executrix, assignor to M. F. McKesson, Toledo, Ohio. Gas administration. 2,035,492; Mar. 31.
- McKesson, Elmer I., deceased, M. F. McKesson, executrix, assignor to M. F. McKesson, Toledo, Ohio. Physiological measuring. 2,040,095; May 12.
- McKesson, Elmer I., deceased, M. F. McKesson, executrix, assignor to M. F. McKesson, Toledo, Ohio. Gas administering. 2,042,474; June 2.
- McKesson, Elmer I., assignor to M. F. McKesson, Toledo, Ohio. Gas administering equipment. 2,047,216; July 14.
- McKesson, Elmer I., Toledo, Ohio, assignor to M. F. McKesson, Toledo, Ohio. Respiration method and apparatus. 2,063,043; Dec. 8.
- McKesson, Martha F., executrix. (See McKesson, Elmer I., assignor.)
- McKesson, Martha F. (See McKesson, Elmer I., assignor.)
- McKesson & Robbins, Incorporated. (See Fanto, E. C., and Omohundro, assignors.)
- McKewen, John H. (See Schauer, L. L. and McKewen.)
- McKiernan, James D., Brooklyn, N. Y., and J. H. W. Begerow, Lynhurst, N. J., assignors to Air Reduction Company, Incorporated, New York, N. Y. Oxygen cutting apparatus. 2,046,694; July 7.
- McKiernan-Terry Corporation. (See Smaltz, John C., assignor.)
- McKillop, Edgar A., Hendersonville, N. C. Device for cleaning quills. 2,028,987; Jan. 28.
- McKim, James B. (See Allison, S. W., and McKim.)
- McKim, James B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,050,722; Aug. 11.
- McKinley, Charles W., Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Cleanable oil filter. 2,047,793; July 14.
- McKinney, Edward G., Enid, Okla. Climbing assembly. 2,031,615; Feb. 25.
- McKinney, Inez, Wichita, Kans. Shirts. 2,062,185; Nov. 24.
- McKinney, James W. (See Richter, G. A., and McKinney.)
- McKinney Manufacturing Company. (See McKinney, Robert L., assignor.)
- McKinney, Robert, Highland Park, assignor of one-third to L. H. Grimes, Highland Park, Mich. Air conditioning and refrigerating device. 2,031,055; Feb. 18.
- McKinney, Robert L., assignor to McKinney Manufacturing Company, Pittsburgh, Pa. Door. 2,042,158; May 26.
- McKinney, Robert N., and C. E. Smith, Linthicum Heights, Md., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Colored titanium dioxide pigments. 2,062,137; Nov. 24.
- McKinney Tool & Manufacturing Company. (See Rubin, Norbert, assignor.)
- McKinney, William A., Winnetka, and H. G. Lorenzen, assignors to Kitchen Art Foods, Inc., Chicago, Ill. Food product and its manufacture. 2,031,724; Feb. 25.
- McKinnis, Ronald B. (See Beal, G. D., and McKinnis.)
- McKinnon, Phillip, Jr. (See Archer, F. M., and McKinnon, Jr.)
- McKinster, Fred E. (See Watson, C. A. H., and McKinster.)
- McKinstry, Charles H., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Locomotive brake control. 2,045,159; June 23.
- McKissick, William H., Tulsa, Okla. Tubing catcher. 2,031,056; Feb. 18.
- McKittrick, George, Independence, Kans. Putty softener. 2,062,230; Nov. 24.
- McKittrick, Lida, Los Angeles, Calif. Heat insulating pad. 2,047,517; July 14.
- McKnight, Stephen, Russell, Ky. Angle cock. 2,027,871; Jan. 14.
- McKone, Leo J., Cleveland, Ohio, assignor to Leo Corporation, Chicago, Ill. Spark plug. 2,055,204; Sept. 22.
- McLachlan, Norman W., Rochester, England, assignor to Radio Corporation of America. Device for emitting or receiving sound. 2,060,098; Nov. 10.



- McLachlan, Willard J., Scotia, N. Y., assignor to General Electric Corporation. Control and protection of electric circuits. 2,027,189; Jan. 7.
- McLachlan, Willard J., Scotia, N. Y., assignor to General Electric Company. System of electric distribution. 2,059,885; Nov. 3.
- McLachlan, Willard J., Scotia, N. Y., assignor to General Electric Company. System of alternating current distribution. 2,065,339; Dec. 22.
- McLagan, George E., Monterey Park, Calif. Slip. 2,061,771; Nov. 24.
- McLagan, George E., Monterey Park, Calif. Slip. 2,061,772; Nov. 24.
- McLain Fire Brick Company. (See Turner, Ernest J., and W. A., assignors.)
- McLaine, Michael J., Dunmore, Pa. Stove grate. 2,026,993; Jan. 7.
- McLanahan & Stone Corporation. (See Krider, George E., assignor.)
- McLaren, David B., Kitchener, Ontario, Canada. Circuit maker and breaker. 2,037,526; Apr. 14.
- McLaren, Gerald J., Ballston Spa, N. Y. Vending machine. 2,060,741; Nov. 10.
- McLaren, Hugh S., North Brighton, Victoria, Australia. Rotary valve internal combustion engine. 2,056,684; Oct. 6.
- McLaud, Olin R. (See Hochreiter, C. J., and McLaud.)
- McLaughlin, Allen, Ferndale, Mich. Window ventilation apparatus. 2,039,970; May 5.
- McLaughlin, Clyde D., Kettle Island, Ky., assignor to The Sanford Investment Company, Knoxville, Tenn. Mine car and like vehicle. 2,057,900; Oct. 20.
- McLaughlin, Francis M., and R. D. Hulslander, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Tire trimming machine. 2,034,662; Mar. 17.
- McLaughlin, George E., Salem, Mass., assignor to The Turner Tanning Machinery Company, Portland, Maine. Machine for operating upon sheet material. 2,041,080; May 19.
- McLaughlin, Joseph E., Arnold, assignor to Aluminum Company of America, Pittsburgh, Pa. Making shafts. 2,055,771; Sept. 29.
- McLaughlin, Kenneth M., assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Automatic tuning system for radio receivers. 2,045,091; June 23.
- McLaughlin, Lawrence, Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Ink. 2,030,999; Feb. 18.
- McLaughlin, May L., Fairfield, Conn. Face lifter. 2,030,603; Feb. 11.
- McLaughlin, Robert J., Brooklyn, N. Y. Aeronautical wheel. 2,035,175; Mar. 24.
- McLaughlin, Robert W., Jr., New York, N. Y. Prefabricated house and building construction. 2,034,265; Mar. 17.
- McLaurin, John, Ware, Mass. Decalcomania paper. 2,047,978; July 21.
- McLaurin, William W., deceased, Brookfield, by Old Colony Trust Company, executor, Boston, Mass. Adhesively coated sheet material. 2,031,275; Feb. 18.
- McLaurin, William W., deceased, Brookfield, Mass., by Old Colony Trust Company, executor of will. Reenforcing and sealing cartons and materials therefor. 2,043,110; June 2.
- McLaurin, William W., deceased, Brookfield, Mass., Old Colony Trust Company, executor. Gummed tape. 2,057,042; Oct. 13.
- McLauthlin, Martin B., Malden, Mass. Elevator apparatus. 2,028,405; Jan. 21.
- McLean, Andrew, Company. (See Bowes, Theodore J., assignor.)
- McLean, Charles E., Methuen, assignor to Patchogue-Plymouth Mills Corporation, Lawrence, Mass. Compound yarn and fabric. 2,026,693; Jan. 7.
- McLean, John C., assignor to The M and M Company, Cleveland, Ohio. Receiving and transferring device. 2,029,781; Feb. 4.
- McLean, Lee R., assignor to The Toledo Porcelain Enamel Products Company, Toledo, Ohio. Burning bar. 2,030,707; Feb. 11.
- McLean, Leland O., Mount Lebanon, Pa. Power crane, shovel, and the like. 2,035,385; Mar. 24.
- McLean, Philip S. (See O'Sullivan, Denis T., assignor.)
- McLean, Robert W., assignor to Carver Cotton Gin Company, East Bridgewater, Mass. Method of and apparatus for disintegrating fibrous material. 2,055,630; Sept. 29.
- McLean, Slusser, Scraper Company, The. (See Le Bleu, Charles, assignor.)
- McLean, William A., assignor to C. Schnackel's Son, Inc., Rochester, N. Y. Fluid pressure regulating valve. 2,041,198; May 19.
- McLean, William A., assignor to C. Schnackel's Son, Inc., Rochester, N. Y. Force feed oil filter. 2,048,350; July 21.
- McLeish, William S. (See Gottwald, C., and McLeish.)
- McLeish, William S. (See Tucker, H. W., and McLeish.)
- McLellan, Arthur M., Los Angeles, Calif. Building construction. 2,053,487; Sept. 8.
- McLellan, Roy D. (See Betterton, J. O., and McLellan.)
- McLennan, Alexander, Chesterfield, assignor to Oscar Cecil Hartridge, London, England. Treatment of leather with India rubber. 2,064,073; Dec. 15.
- McLennan, Miles A., Riverton, N. J., assignor to Radio Corporation of America. Radio receiver. 2,035,176; Mar. 24.
- McLennan, Miles A., Riverton, N. J. Radio receiver. 2,061,736; Nov. 24.
- McLeod, Grace, Bakersfield, Calif. Guard for ear ornaments. 2,034,052; Mar. 17.
- McLeod, James M. (See MacLeod, Robert Y., assignor.)
- McLeod, James McD., Bishopville, S. C., assignor to Victor Ring Traveler Company. Ring traveler. 2,035,973; Mar. 31.
- McLeod, John D., Oakmont, Pa., assignor to Pittsburgh Plate Glass Company. Plate glass casting apparatus. 2,036,228; Apr. 7.
- McLeod, John E., Wollaston, Mass., assignor to Great Northern Paper Company, Millinocket, Maine. Portable log sawing machine. 2,039,017; Apr. 28.
- McLeod, Neil R., Montclair, N. J. Minimizing temperature stresses in metallic structures and product thereof. 2,063,325; Dec. 8.
- McLeod, Norman, Highland Park, Mich. Electric water heater. 2,055,500; Sept. 29.
- McLeod, Robert D., Jr., U. S. Army, Aberdeen, Md. Cartridge for projectiles. 2,043,256; June 9.
- McLeod, Robert J., London, England. Rotary fluid pump. 2,040,754; May 12.
- McLeod, Robert J., West Drayton, England. Gear shaping machine. 2,055,132; Sept. 22.
- McLeod, Robert Y., assignor to J. M. McLeod, Bishopville, S. C. Spinning or twisting ring. 2,048,806; July 28.
- McLhinney, William S., Canonsburg, Pa. Iron hanger. 2,048,458; July 21.
- McLoon, Nelson E., Glencoe, Mo. Lime kiln. 2,034,952; Mar. 24.
- McLoughlin, Jack, Boise, Idaho. Ball table. 2,044,177; June 16.
- McMackin, Fred J., Herington, Kans. Dispensing device. 2,035,713; Mar. 31.
- McMahan, Arthur B., Long Beach, Calif. Neon tube support. 2,026,949; Jan. 7.
- McMahon, Bernard, Malvern, Victoria, Australia. Repair and anchorage of telegraph poles and the like. 2,040,010; May 5.
- McMahon, Earl, et al. (See Ahlmark, R. B., and Young, assignors.)
- McMahon, John E., St. Paul, Minn. Journal bearing protector. 2,041,774; May 26.
- McMahon, John G., Philadelphia, Pa. Pipe joint. 2,036,596; Apr. 7.
- McMahon, Joseph J., assignor to Bridgeport Brass Company, Bridgeport, Conn. Flexible internal stop. 2,031,424; Feb. 18.
- McMahon, Paul T., et al. (See Best, Sheridan J., assignor.)
- McManus, Charles E., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Crown cap and method of making. 2,063,454; Dec. 8.
- McManus, Charles E., Spring Lake, N. J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Closure and manufacturing the same. 2,063,455; Dec. 8.
- McMath, Charles W. (See Harrell, T. J., and McMath.)
- McMullen, Charles. (See Baster, G. J., and McMullen.)
- McManus, John H., Salem, Oreg. Milk bottle holder and lockbox. 2,041,257; May 19.
- McMaster, Archie J., assignor to G-M Laboratories, Inc., Chicago, Ill. Lighting system controlled by photoelectric cell. 2,043,671; June 9.
- McMaster, Archie J., Highland Park, assignor to G-M Laboratories, Inc., Chicago, Ill. Vacuum tube and making same. 2,052,100; Aug. 25.
- McMaster, Archie J., and J. G. Wells, assignors to G-M Laboratories, Inc., Chicago, Ill. Apparatus for producing electrical current in response to light. 2,035,906; Mar. 31.
- McMaster, Archie J., Highland Park, and J. G. Wells, Chicago, assignors to G-M Laboratories, Inc., Chicago, Ill. Photoelectric system. 2,035,907; Mar. 31.
- McMasters, Gilbert C., Frankfort, Ind. Safety hanger pin guard. 2,052,838; Sept. 1.
- McMeekan, Clarence R., Hennessey, Okla. Harrow. 2,038,438; Apr. 21.
- McMenamin, Joseph, Philadelphia, Pa. Cleaning utensil. 2,044,361; June 16.
- McMichael, Samuel, Round Hill, assignor, by mesne assignments, of one-fifth to Rachel C. Smith, Berryville, Va. Water pipe. 2,029,630; Feb. 4.
- McMillan, Archibald S. (See Miller, Frank R., assignor.)
- McMillan Book Company. (See McClure, Arthur W., assignor.)
- McMillan, Charles H. (See Haralson, D. K., and Mcmillan.)
- McMillan, Eugene C., assignor of thirty per cent to R. H. Woodard, Dallas, Tex. Valve board. 2,046,787; July 7.
- McMillan, William A., Milwaukee, assignor to Burlington Mills, Incorporated, Burlington, Wis. Sound absorbing material. 2,034,588; Mar. 17.
- McMillin, Robert M., assignor to General Motors Corporation, Detroit, Mich. Splash feed. 2,050,723; Aug. 11.
- McMillin, Robert M., and A. Taub, assignors to General Motors Corporation, Detroit, Mich. Splash oiling system. 2,030,647; Feb. 11.



- McMullan, Edward W., Philadelphia, Pa., assignor, by mesne assignments, to Gasoline Antioxidant Company, Wilmington, Del. Treatment of hydrocarbons. 2,027,394; Jan. 14.
- McMullen, Robert. (See Glunz, Henry F., assignor.)
- McMullin, Albert R., New York, N. Y. Centrifugally spun concrete pipe and apparatus for manufacture of the same. 2,044,173; June 16.
- McMurdo, Hew B., Atlanta, Ga. Glasses. 2,045,399; June 23.
- McMurray, John C. (See Turner, Price G., assignor.)
- McMurray, Joseph. (See Bergeron, Rodolphe, assignor.)
- McMurtrey, M. Lee. (See Creager, F. L., and McMurtrey.)
- McMurtrey, M. Lee, Camden, and D. H. Cunningham, Haddonfield, N. J., assignors to Radio Corporation of America. Sound translating device. 2,037,811; Apr. 21.
- McMurtrie, Douglas H. (See Richter, G. A., Vannah, and McMurtrie.)
- McMurtry, Ulysses B., Toronto, Ontario, Canada. Studio lounge. 2,044,803; June 23.
- McMurtry, Ulysses B., Toronto, Ontario, Canada. Studio lounge. 2,058,337; Oct. 20.
- McMurtry, Ulysses B., Toronto, Ontario, Canada. Studio lounge. 2,060,742; Nov. 10.
- McNabb, William J., Detroit, Mich. Vehicle seat mounting. 2,039,818; May 5.
- McNair, Louise R., Arcade, N. Y. Tubular knitted diaper. 2,062,594; Dec. 1.
- McNairy, Jacob W. (See Tritle, J. F., and McNairy.)
- McNairy, Jacob W., Erie, Pa., assignor to General Electric Company. Electrical control apparatus. 2,064,621; Dec. 15.
- McNally, James A., United States Navy. Air navigation apparatus. 2,044,009; June 16.
- McNally, James G., assignor to Eastman Kodak Company, Rochester, N. Y. Laminated glass and making the same. 2,029,931; Feb. 4.
- McNally, James G., and S. S. Sweet, assignors to Eastman Kodak Company, Rochester, N. Y. Laminated glass. 2,026,987; Jan. 7.
- McNally, James G., and N. F. Beach, assignors to Eastman Kodak Company, Rochester, N. Y. Wrapping material. 2,044,804; June 23.
- McNally-Pittsburg Mfg. Corp., The. (See Riley, Homer W., assignor.)
- McNamara, William L., assignor to Capstan Glass Company, Connellsville, Pa. Glass feeder and method. 2,952,578; Sept. 1.
- McNamee, Dorwin H. (See Elliott, W. C., and McNamee.)
- McNamee, James, Ballston Spa, N. Y. Knitted fabric. 2,064,074; Dec. 15.
- McNamee, Owen A., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Cable. 2,035,088; Mar. 24.
- McNary, Joseph O., Anacortes, Wash. Remote control for radio apparatus. 2,036,948; Apr. 7.
- McNaught, Norris F., assignor to Duro Metal Products Company, Chicago, Ill. Making wrench sockets. 2,027,922; Jan. 14.
- McNaught, Norris F., and E. H. Peterson, assignors to Duro Metal Products Company, Chicago, Ill. Socket wrench kit. 2,064,351; Dec. 15.
- McNaught, Norris F., and E. H. Peterson, assignors to Duro Metal Products Company, Chicago, Ill. Socket wrench kit. 2,065,340; Dec. 22.
- McNaught, Norris F., and E. H. Peterson, assignors to Duro Metal Products Company, Chicago, Ill. Socket wrench kit. 2,065,341; Dec. 22.
- McNaughton, Don A., Maryville, Tenn., assignor to Hemphill Company, Central Falls, R. I. Circular knitting machine. 2,058,481; Oct. 27.
- McNaughton, John, Hicksville, assignor of one-fourth to M. E. Birer, Hempstead, N. Y. Direction signal for automobiles. 2,033,780; Mar. 10.
- McNeal, Daniel R., Abington, assignor to Andale Company, Philadelphia, Pa. Separating apparatus. 2,057,497; Oct. 13.
- McNeal, Daniel R., Abington, assignor to Andale Company, Philadelphia, Pa. Straining or separating equipment. 2,057,498; Oct. 13.
- McNeal, Donald L. (See McClure, G. T., and McNeal.)
- McNeff, Cecil A., Portland, Oreg. Milking stool. 2,060,099; Nov. 10.
- McNeil, Charles I. (See Allen, J. W., and McNeil.)
- McNeil, Charles I., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Electrical apparatus. 2,031,784; Feb. 25.
- McNeil, Charles I., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Electrical apparatus. 2,038,186; Apr. 21.
- McNeil, Charles I., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Electrical apparatus. 2,038,187; Apr. 21.
- McNeil, Charles I., Bloomfield, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Electrical measuring instrument. 2,049,129; July 28.
- McNeil, Charles I., Bloomfield, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Engine control apparatus. 2,061,164; Nov. 17.
- McNeil, Claude P., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Tank construction. 2,036,180; Mar. 31.
- McNeil, Claude P., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Manufacturing asphaltic products. 2,046,081; June 30.
- McNeil, Claude P., Whiting, Ind., and S. A. Montgomery, Wood River, assignors to Standard Oil Company (Indiana), Chicago, Ill. Asphalt oxidation system. 2,032,546; Mar. 3.
- McNeil, Donald J., assignor to Willamette-Hyster Company, Portland, Oreg. Friction clutch operating mechanism. 2,055,258; Sept. 22.
- McNeil, James E., Memphis, Tenn. Tool holder. 2,043,442; June 9.
- McNeil, James G. (See O'Malley, Edward W., assignor.)
- McNeil, William M., assignor to United States Gypsum Company, Chicago, Ill. Bag filling machine. 2,029,733; Feb. 4.
- McNeill, Frederic. (See McNeill, Thomas W., and F.)
- McNeill, Howard, Philadelphia, Pa. Lock strike. 2,039,433; May 5.
- McNeill, Thomas W., and F. McNeill, Chicago, Ill., said F. McNeill assignor to said T. W. McNeill. Smoke indicator. 2,040,265; May 12.
- McNicol, Andrew G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electric clock thermostat. 2,041,363; May 19.
- McNicol, Andrew G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Mechanical control. 2,045,041; June 23.
- McNish, Alexander F., Perth, Scotland. Glass forming machine. 2,026,694; Jan. 7.
- McNitt, Willard C., Winnetka, Ill. Apparatus for grinding and chopping food. 2,049,920; Aug. 4.
- McNulty, George M. (See Adams, E. W. and McNulty.)
- McNulty, John W. (See Morgan, D. W. R., and McNulty.)
- McNulty, John W., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ejector apparatus. 2,033,843; Mar. 10.
- McNulty, John W., Ridley Park, and M. A. Nelson, Prospect Park, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling apparatus. 2,033,845; Mar. 10.
- McNulty, Joseph W., Brawley, Calif. Packing crate. 2,053,673; Sept. 8.
- McNulty, Minnie L., New York, N. Y. Guard for window sills. 2,064,438; Dec. 15.
- McParlin, Daniel V., Passaic, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Method of and apparatus for removing sheaths from cables and the like. 2,046,341; July 7.
- McPhail, Harold R., Detroit, assignor, by mesne assignments, to Copeland Refrigeration Corporation, Mount Clemens, Mich. Valve structure. 2,063,111; Dec. 8.
- McPhail, Theodore, Fort Hancock, N. J. Container closure. 2,035,329; Mar. 24.
- McPhail, Theodore, Fort Hancock, N. J. Container closure. 2,035,330; Mar. 24.
- McPhee, Cameron A., Seattle, Wash. Safety pin. 2,045,666; June 30.
- McPherrin, Glen E., San Diego, Calif. Aircraft. 2,043,704; June 9.
- McPherson, Charles, Verdun, Quebec, assignor to M. M. Drives Limited, Montreal, Quebec, Canada. Automatic belt driven clutch mechanism. 2,064,075; Dec. 15.
- McPherson, Edgar R., Glendale, Calif. Solution making and dispensing apparatus. 2,058,901; Oct. 27.
- McPherson, Harry L., Memphis, Tenn. Internal combustion engine. 2,054,133; Sept. 15.
- McPherson, John E., Alexandria, Va. Masonry wall. 2,047,882; July 14.
- McQuade, Walter, Port Washington, assignor to Johns-Manville Corporation, New York, N. Y. Making a structural unit. 2,038,801; Apr. 28.
- McQuade, Walter, Port Washington, assignor to Johns-Manville Corporation, New York, N. Y. Making a structural unit. 2,058,167; Oct. 20.
- McQuay-Norris Manufacturing Company. (See Smith, Dallas M., assignor.)
- McQueen, David M., and W. J. Merrill, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sizes. 2,047,217; July 14.
- McQueen, Malcolm J., Toronto, Ontario, Canada. Stock-car partition. 2,031,382; Feb. 18.
- McQueen, Simon T., and A. Stewart, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Process and composition for coloring organic derivatives of cellulose. 2,409,657; Aug. 4.
- McQueer, Bert H., Saint Marys, Pa., assignor to Speer Carbon Company. Carbonaceous bearing material. 2,041,896; May 26.
- McQuiston, Frederick B., Crafton, and E. M. Hommel, Pittsburgh, Pa., assignors to The O. Hommel Company. Stenciling apparatus. 2,054,435; Sept. 15.
- McQuiston, Horace L., Oklahoma City, Okla., assignor to Phillips Petroleum Company. Sealing off porous formations in wells. 2,064,936; Dec. 22.
- McQuiston, Raymond C., West Newton, Mass., assignor to MacSulphur Corporation, New York, N. Y. Treating sulphur and product. 2,046,128; June 30.
- McRae, Randolph J., New York, N. Y. Apparatus for vaporizing liquids and controlling the ionic content of the vapors and gases. 2,036,533; Apr. 7.
- McReaken, C. W. (See Reuter, William P., assignor.)
- McSwain, William H., assignor of one-third to M. Cohen, Baltimore, Md. Molten glass shears. 2,053,039; Sept. 1.



- McVeagh, Thomas C., Honolulu, Territory of Hawaii. Securing device. 2,026,586; Jan. 7.
- McVey, Reuben J. (See Holland, S. S., Traugher, and McVey.)
- McVitty, Frank D. (See Withers, W. H., and McVitty.)
- McVoy Engine Boiler Development Co. (See McVoy, Vincen P., assignor.)
- McVoy, Vincen P., Mobile, Ala. Water reclaimer. 2,027,395; Jan. 14.
- McVoy, Vincen P., assignor to McVoy Engine Boiler Development Co., Inc., Mobile, Ala. Engine. 2,040,865; May 19.
- McWane, Arthur T., executor et al. (See McWane, James R.)
- McWane Cast Iron Pipe Co. (See McWane, James R., assignor.)
- McWane, James R., deceased, late of Birmingham, Ala., by Arthur T. McWane, W. McWane, and J. H. Cabaniss, executors, assignor to McWane Cast Iron Pipe Company, Birmingham, Ala. Supporting and positioning core bars in flasks and combinations of such means with core bars and flasks. 2,042,907; June 2.
- McWherter, Miles C., Derry, Pa. Inner tube for pneumatic tires. 2,059,955; Nov. 3.
- McWhirter, John S., Southport, Conn., and R. J. Bush, Jeannette, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake valve device. 2,035,089; Mar. 24.
- McWhirter, William C., Wilkesburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric lock for interlocking machine levers. 2,052,414; Aug. 25.
- McWhirter, William C., Wilkesburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Cabinet. 2,064,439; Dec. 15.
- McWilliams, Arthur C., Chicago, Ill. Thermal draft regulator. 2,035,974; Mar. 31.
- McWilliams Dredging Company. (See Ewing, Williard R., assignor.)
- McWilliams, James B. (See Faries, R., and McWilliams.)
- McWilliams, Joseph E., New York, N. Y. Razor blade. 2,033,725; Mar. 10.
- McWilliams, Joseph E., New York, N. Y. Umbrella handle. 2,044,251; June 16.
- McWilliams, Joseph E., New York, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Safety razor. 2,038,230; Apr. 21.
- McWilliams, Joseph E., New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,041,564; May 19.
- McWilliams, Leigh B., and L. V. McWilliams, Whittier, Calif. Apparatus for destroying insects. 2,030,310; Feb. 11.
- McWilliams, Lyle V. (See McWilliams, Leigh B. and L. V.)
- Meacham, Benjamin E., Lorain, Ohio, assignor to American Stove Company, St. Louis, Mo. Gas range or similar appliance. 2,040,011; May 5.
- Meacham, Benjamin E., Lorain, Ohio, assignor to American Stove Company, St. Louis, Mo. Valve. 2,046,920; July 7.
- Meacham, Benjamin E., Lorain, Ohio, assignor to American Stove Company, St. Louis, Mo. Gas range. 2,055,384; Sept. 22.
- Meacham, D. B., executors et al. (See Hitchcock, Reuben.)
- Mead Corporation, The. (See Clark, J. A., and Traquair, assignor.)
- Mead Corporation, The. (See Hadfield, Frank, assignor.)
- Mead Corporation, The. (See Kidd, Herbert A., assignor.)
- Mead, Francis, Chicago, Ill. Resilient or cushion wheel. 2,050,441; Aug. 11.
- Mead, Fred J., Glen Ridge, N. J. Burial vault. 2,036,816; Apr. 7.
- Mead, Fred J., assignor to Mead-Suydam Company, Orange, N. J. Waterproof burial vault. 2,038,120; Apr. 21.
- Mead, Homer A., Turlock, assignor to Masterench Corporation, Turlock, Calif. Double jaw wrench. 2,028,406; Jan. 21.
- Mead, Homer A., Turlock, Calif. Self sharpening razor. 2,057,202; Oct. 13.
- Mead, Howard C. (See Michel, C. A., Mead, and Koubek.)
- Mead, Howard C., and C. A. Michel, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Reflector aiming device. 2,050,724; Aug. 11.
- Mead Research Engineering Company, The. (See Hochwalt, C. A., and Reboulet, assignors.)
- Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,055,663; Sept. 29.
- Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,055,664; Sept. 29.
- Mead, Sallie P. (See Curtis, H. E., and Mead.)
- Mead, Sallie P. (See Green, E. I., Curtis, and Mead.)
- Mead, Samuel N., Amesbury, Mass. Motor brush assembly. 2,029,782; Feb. 4.
- Mead, Samuel N., Amesbury, Mass., assignor to Chas. J. Henschel & Co., Inc., New York, N. Y. Signaling system. 2,031,970; Feb. 25.
- Mead-Suydam Company. (See Mead, Fred J., assignor.)
- Mead, Theodore E., Wilmette, Ill. Boat rib. 2,049,968; Aug. 4.
- Meade, Alexis E. (See Helmuth, L. W., and Meade.)
- Meade, Arthur F., Roscoe, Calif., assignor to I. Ratner. Indicator. 2,032,547; Mar. 3.
- Meadows, Earnest D., Huntsville, Ala. Tension equalizer for spinning frame. 2,037,335; Apr. 14.
- Meaker Company, The. (See Miller, Constantine G., assignor.)
- Meakin, Edgar T., San Francisco, Calif. Consolidating moldable materials. 2,065,141; Dec. 22.
- Means, Walter H., Atlanta, Ga. Brake. 2,027,487; Jan. 14.
- Mears, Daniel T., Detroit, Mich. Golf club. 2,051,961; Aug. 25.
- Mears, Edward W., Philadelphia, Pa. Container. 2,033,640; Mar. 10.
- Mears, Neal F., Chicago, Ill. Calendar calculating device. 2,062,036; Nov. 24.
- Mears, Norton A., assignor to Chicago Forging & Manufacturing Co., Chicago, Ill. Hood latch. 2,026,695; Jan. 7.
- Mears, Stowell W., New York, N. Y. Humidifier. 2,054,705; Sept. 15.
- Mecano G. m. b. H., et al. (See Wörner, Heinrich, assignor.)
- Mechana Kold Corporation. (See Limpert, Sylvester A., assignor.)
- Mechanical Boiler Cleaner Co. Inc. (See Peters, Shafch A., assignor.)
- Mechanical Development Co. (See Sabins, Rolland C., assignor.)
- Mechanical Handling Systems Incorporated. (See Francis, Lynn M., assignor.)
- Mechanical Refrigerated Car Company. (See Spohr, Carl W., assignor.)
- Mechanical Transfer Car Corporation. (See Wheeler, Holman K., assignor.)
- Mechau, Robert, assignor to Carl Zeiss, Jena, Germany. Linear guide. 2,034,110; Mar. 17.
- Mechlin, William H. (See Woodruff, M. D., Mechlin, and Markley.)
- Meco-Brennkraft-Maschinen G. m. b. H. (See Kiecksee, Ernst, assignor.)
- Mecorney, David B., Lockport, N. Y., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Radiator shutter. 2,033,386; Mar. 10.
- Medbery, Howard D. (See Baumwell, Joseph, assignor.)
- Meder, Georg, Munster (Taunus), and K. Schad, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Composition of matter containing luminous substances. 2,039,734; May 5.
- Meder, George. (See Korinuth, E., and Meder.)
- Medlin, Levy B. (See Huntley, W. H., and Medlin.)
- Meehan, Daniel B. (See Sergeson, A. M., and Meehan.)
- Meehan, Earl T., Shelton, assignor to Farrel-Birmingham Company, Incorporated, Ansonia, Conn. Attaching means for tube machine closures. 2,057,043; Oct. 13.
- Meek, Emory C., Jacksonville, Fla. Carburetor. 2,057,389; Oct. 13.
- Meek, John C., Portage, Pa. Electrically heated agitator. 2,060,378; Nov. 10.
- Meeker, David A., assignor to The Hobart Manufacturing Company, Troy, Ohio. Washing machine. 2,063,746; Dec. 8.
- Meeker, Lincoln D. (See Jones, B. W., and Meeker.)
- Meeker, Robert A., Chicago, Ill. Electric connector. 2,064,440; Dec. 15.
- Meeker, Sidney, Memphis, Tenn. Blood transfusion apparatus. 2,030,754; Feb. 11.
- Meem, Catherine R., administratrix. (See Meem, James C.)
- Meem, James C., deceased, Brooklyn, N. Y., C. R. Meem, administratrix. Submersible tunnel. 2,061,584; Nov. 24.
- Meem, James C., deceased, Brooklyn, N. Y., C. R. Meem, administratrix. Method and apparatus for constructing cofferdams. 2,063,514; Dec. 8.
- Mees, Frank, assignor to Herkert & Meisel Trunk Company, St. Louis, Mo. Traveling bag. 2,035,493; Mar. 31.
- Mees, Jay E., Merion, assignor of one-half to J. W. Corriston, Springfield, Pa. Refractory lining support for home heating units. 2,063,261; Dec. 8.
- Meese, Frank, Chicago, Ill. Valve and faucet. 2,062,422; Dec. 1.
- Meets-A-Need Manufacturing Company. (See Dickey, Roy N., assignor.)
- Megow, Frederick W., Philadelphia, Pa. Putting together a ship's model. 2,060,424; Nov. 10.
- Mehaffey, William T., Brooklyn, N. Y. Indicator. 2,042,351; May 26.
- Mehaffey, William T., Brooklyn, N. Y. Closure cap for receptacles and bottles. 2,066,183; Dec. 29.
- Mehan, Thomas O., Norwood, Ohio, assignor to Remington Rand Inc., Buffalo, N. Y. Computing machine. 2,033,045; Mar. 3.
- Meharg, Laurence, J. H. Kaylor, and D. I. Rodenbaugh, assignors to Hazel-Atlas Glass Company, Wheeling, W. Va. Protective system for furnaces. 2,042,475; June 2.
- Mehl, John V., Union City, N. J. Printing. 2,046,959; July 7.
- Mehler, Hugo, Churchville, Pa. Driving connection for lace making machines. 2,044,732; June 16.
- Mehlhope, Lincoln E. (See Binns, G. W., and Mehlhope.)
- Mehnert, Alfred, Boscobel, Wis. Tire spreading machine. 2,032,295; Feb. 25.



- Meidert, Friedrich, Frankfort-on-the-Main-Griesheim, assignor to I. G. Farbenindustrie, Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing compositions containing wool grease naphthenates. 2,049,396; July 28.
- Meier, Anton M., Menasha, and R. I. Drake, Appleton, Wis., assignors, by mesne assignments, to Marathon Paper Mills Company, Rothschild, Wis. Container. 2,032,296; Feb. 25.
- Meier, August C. E., New York, N. Y. Cleaning appliance. 2,042,546; June 2.
- Meier, Erling. (See Hansen, C. F., and Meier.)
- Meier, Erling, Fornebo, near Oslo, assignor to A/S Elektrisk Bureau, Oslo, Norway. Registering card index tray. 2,054,385; Sept. 15.
- Meigs, Bassett & Slaughter, Inc. (See Bencraft, George R., assignor.)
- Meigs, Frederick M. (See Salzberg, P. L., and Meigs.)
- Meigs, Joseph V., Hastings-on-Hudson, assignor to The Barrett Company, New York, N. Y. Coking apparatus. 2,064,484; Dec. 15.
- Meihert, Sylvester E., Newark, N. J., assignor to Crucible Steel Company of America, New York, N. Y. Drill bit. 2,036,817; Apr. 7.
- Mellink, Charles F., Toledo, Ohio. Security depository. 2,028,464; Jan. 21.
- Mellink, Charles F., Toledo, Ohio. Protective receptacle. 2,030,219; Feb. 11.
- Mellink, Charles F., Toledo, Ohio. Drawer control mechanism. 2,034,589; Mar. 17.
- Mellink, Charles F., Toledo, Ohio. Locking mechanism. 2,065,142; Dec. 22.
- Meilner, Joseph, West Orange, N. J., assignor to Eagle Pencil Company, New York, N. Y. Eraser. 2,054,163; Sept. 15.
- Meinecke, Christian W., East Orange, N. J., assignor to Meinecke & Company, New York, N. Y. Sanitary tumbler cover and coaster. 2,041,563; May 19.
- Meinecke & Company. (See Johnson, Edward, assignor.)
- Meinecke & Company. (See Meinecke, Christian W., assignor.)
- Meinecke, John H., deceased, late of Butte, L. Meinecke, administratrix, Butte, Mont. Artificial fishing fly. 2,033,530; Mar. 10.
- Meinecke, Lucille, administratrix. (See Meinecke, John H.)
- Meinema, Herbert E. (See Crossley, A., and Meinema.)
- Meinhardt, John W., assignor to St. Louis Basket & Box Corporation, St. Louis, Mo. Basket. 2,039,971; May 5.
- Meinhold, Harry E., assignor to Duffy Mott Company, Incorporated, New York, N. Y. Label. 2,060,762; Nov. 10.
- Meinig, Ernst R., Wyomissing, Pa. Milanese cloth. 2,030,459; Feb. 11.
- Meinig, Ernst R., Wyomissing, Pa. Warp fabric. 2,040,560; May 12.
- Meinig, Ernst R., Reading, Pa. Undergarment. 2,040,561; May 12.
- Meinig, Ernst R., Reading, Pa. Knee length stocking. 2,040,562; May 12.
- Meininghaus, Ulrich, Mulheim-Ruhr, Germany. Apparatus for regulating turbomachines. 2,029,331; Feb. 4.
- Meinograph Process, Incorporated. (See Snyder, Lawrence B., assignor.)
- Meinzer, Gotthold H., Glendale, Calif. Removing fluorine from potable waters. 2,043,705; June 9.
- Meinzer, Gotthold H., Glendale, assignor to California Consumers Corporation, Los Angeles, Calif. Electrode system for producing solutions of metals. 2,036,949; Apr. 7.
- Meinzer, Gotthold H., Glendale, assignor to California Consumers Corporation, Los Angeles, Calif. Apparatus for sterilizing aqueous liquids. 2,061,323; Nov. 17.
- Meisel, Charles A., Milton, assignor to Meisel Press Manufacturing Company, Boston, Mass. All size rotary web press. 2,039,236; Apr. 28.
- Meisel, Charles A., Milton, assignor to Meisel Press Manufacturing Company, Boston, Mass. Mechanism for conditioning paper. 2,053,223; Sept. 1.
- Meisel, Charles A., Milton, assignor to Meisel Press Manufacturing Company, Boston, Mass. Roll holder. 2,055,039; Sept. 22.
- Meisel Press Manufacturing Company. (See Meisel, Charles A., assignor.)
- Meisenburg, Kurt, Leverkusen-I. G. Werk, and H. Kuken-thal, Cologne-Flittard, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Insecticide and parasiticide. 2,057,044; Oct. 13.
- Meiser, Wilhelm. (See Neelmeier, W., Meiser, Goll, and Morschel.)
- Meisler, William, Union City, and M. Wolf, Jersey City, N. J. Shirt construction. 2,046,201; June 30.
- Meissner, Alexander, Berlin, Germany. Dielectric material. 2,046,476; July 7.
- Meissner, Alexander, Berlin-Dahlem, Germany, assignor to General Electric Company. Magnet system. 2,030,648; Feb. 11.
- Meissner Manufacturing Company. (See Schaper, William A., assignor.)
- Meissner, William E., Newark, N. J. Hollow rivet. 2,058,338; Oct. 20.
- Meister, George. (See Marden, J. W., and Meister.)
- Meister, Karl, assignor to Fried, Krupp, Grusonwerk, Aktiengesellschaft, Magdeburg-Buckau, Germany. Jaw crusher. 2,048,818; Aug. 4.
- Meitzler, Charles R., assignor of one-half to O. H. Pieper and one-half to A. F. Pieper, Rochester, N. Y. Dental syringe. 2,029,734; Feb. 4.
- Mekeel, Charles H., Jr., Reading, Pa., assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Driving wheel. 2,061,948; Nov. 24.
- Mekelburg, Earl F., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. Pressure switch. 2,040,181; May 12.
- Mekelburg, Earl F., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. Pressure switch. 2,043,803; June 9.
- Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Coking of hydrocarbon oils. 2,029,783; Feb. 4.
- Mekler, Lev A., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Apparatus for heating fluids. 2,051,880; Aug. 25.
- Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Protective lining for vessels. 2,056,732; Oct. 6.
- Melberg, Carl O., assignor to Continental Oil Company, Ponca City, Okla. Furnace for the pyrolytic treatment of hydrocarbon oils. 2,048,351; July 21.
- Melcher, Alfred A., Huntington Park, and F. H. Porter, Beverly Hills, Calif., assignor to Francis Hann. Ice cube shaver. 2,048,509; July 21.
- Melcher, Lee W., and J. B. Fisher, assignors to Waukesha Motor Company, Waukesha, Wis. Milk cooler. 2,050,192; Aug. 4.
- Melchers, Henry W., Petersburg, Ill. Automobile cooling system cleaner. 2,053,199; Sept. 1.
- Meldahl, Knud G., Fredriksstad, Norway. Arrangement of boilers in sea going vessels. 2,050,237; Aug. 4.
- Meldahl, Knud G., Fredriksstad, Norway. Arrangement of marine boilers. 2,050,238; Aug. 4.
- Melde, August G., assignor to Henry Disston & Sons, Inc., Seattle, Wash. Cutter head and cutter mounting means. 2,054,828; Sept. 22.
- Meler, Vjekoslav, East San Gabriel, Calif. Self-propelled or walking device. 2,036,427; Apr. 7.
- Melhuish, Lawrence E., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier telegraph receiver. 2,043,355; June 9.
- Melick, John M., Cresskill, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collector apparatus. 2,032,218; Feb. 25.
- Melick, John M., Cresskill, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Detachable hinge. 2,041,850; May 26.
- Melin, William, Detroit, Mich. Stock stop device for presses. 2,059,010; Oct. 27.
- Meling, Arthur E. (See Murphy, E. T., and Meling.)
- Melish, Thomas G., assignor to The Bromwell Wire Goods Company, Cincinnati, Ohio. Sifter. 2,061,518; Nov. 17.
- Mellars, Frederick W., et al. (See Mellars, N. W., and Swartfager, assignors.)
- Mellars, Newton W., San Francisco, and B. Swartfager, Santa Rosa, assignors of one-fifth to F. W. Mellars and one-fifth to K. K. Newsom, San Francisco, Calif., and one-fifth to W. E. Clayton. Egg crate and packing. 2,032,373; Mar. 3.
- Mellen, Joseph F., Providence, R. I. Safety razor. 2,031,223; Feb. 18.
- Mellen, Mabel L., executrix. (See Mellen, Mortimer H.)
- Mellen, Mortimer H., deceased, by M. L. Mellen, executrix, Cliftondale, Mass. Light indicator. 2,053,674; Sept. 8.
- Mellentine, Edward J., Kapuskasing, Ontario, Canada. Paper making machine. 2,060,945; Nov. 17.
- Mellerio, Lucien P., and F. Ricks, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for impregnating pervious materials. 2,056,308; Oct. 6.
- Mellers, Eric V. (See Groombridge, W. H., and Mellers, assignors.)
- Mellinkoff, Louis, Los Angeles, Calif. Valve seat replacement. 2,044,950; June 23.
- Mellon, Henry C. (See Dolan, E. F., and Mellon.)
- Mellon Institute of Industrial Research. (See Butler, C. L., and Cretcher, assignors.)
- Mellon Institute of Industrial Research. (See Cretcher, L. H., Butler, and Renfrew, assignors.)
- Mellon Institute of Industrial Research. (See Cretcher, L. H., Nelson, Butler, and Renfrew, assignors.)
- Mellon Institute of Industrial Research. (See Souther, B. L., Butler, and Cretcher, assignors.)
- Mellon, James J., assignor to The Clark Controller Company, Cleveland, Ohio. Power control for machine tools. 2,065,820; Dec. 29.
- Mellon, Robert. (See Cassidy, Charles B., assignor.)
- Mellor, Adrien R., Beaumont, Calif. Screen door fastener. 2,031,725; Feb. 25.
- Melnick, Myer, Bronx, N. Y., assignor to Irving Trust Company, trustee for R. Hoe & Co., Inc., debtor. Paper roll stand for printing presses. 2,047,280; July 14.
- Melo, August A., Taft, assignor to P. Cavins, Los Angeles, Calif. Bailer. 2,041,720; May 26.
- Melrose Products Co. (See Richer, Harry S., assignor.)
- Melton, Romie L. (See Benner, R. C., Kirchner, and Melton.)
- Melton, Romie L. (See Benner, R. C., and Melton.)
- Melton, Romie L. (See Benner, R. C., Melton, and Kirchner.)



- Melton, Romie L., and R. C. Benner, assignors to The Carborundum Company, Niagara Falls, N. Y. Coating apparatus. 2,033,991; Mar. 17.
- Melton, Romie L., and R. C. Benner, assignors to The Carborundum Company, Niagara Falls, N. Y. Apparatus for determining the toughness of abrasive bodies. 2,037,527; Apr. 14.
- Melven, Chester M. (See Lindner, R. N., and Melven.)
- Melville, William. (See Pirie, W. B., Chester, and Melville.)
- Melzer, Carl G. R., Langenberg, Germany. Concentrating all kinds of precious metal ores by froth flotation. 2,030,526; Feb. 11.
- Mammel, Emil E., Milwaukee, Wis. Door check. 2,042,954; June 2.
- Menchen, Joseph, Los Angeles, Calif. Portable locking device. 2,055,906; Sept. 29.
- Menchen, Joseph, Los Angeles, Calif. Portable lock. 2,055,907; Sept. 29.
- Mendel, Alfred. (See Kleinmann, E., and Mendel.)
- Mendel, William, Beverly, and J. Titone, assignors to Neidich Cel-Lus-Tra Corporation, Burlington, N. J. Lockstitch knit fabric. 2,040,058; May 5.
- Mendel, William, Beverly, and J. Titone, Riverbank, assignors to Neidich Cel-Lus-Tra Corporation, Burlington, N. J. Lockstitch knit fabric. 2,041,664; May 19.
- Mendelsohn, William A. and C. F. Shepard, Chicago, Ill., assignors, by mesne assignments, to Soft-Lite Lens Company, Inc. Glarometer. 2,036,181; Mar. 31.
- Mendenhall, Hallam E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Outgassing and purifying electrically conductive bodies. 2,039,655; May 5.
- Mendenhall, John J., Jacksonville, Fla. Massage device. 2,039,180; Apr. 28.
- Mendenhall, Lewis P., Dover, N. J. Pocket vector. 2,031,661; Feb. 25.
- Mendenhall, Lloyd E., Partridge, Kans., assignor to D. A. Wallace, Detroit, Mich. Brick construction. 2,054,573; Sept. 15.
- Mendenhall, Milo S., V. McCorkell, and C. L. Higginbotham, Seneca, Mo. Obstetric table. 2,059,957; Nov. 3.
- Mendoza, Mordecai, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of new azo dyestuff. 2,036,159; Mar. 31.
- Mendoza, Mordecai, West Didsbury, England, assignor to Imperial Chemical Industries Limited. Azo dyestuffs and their production. 2,041,851; May 26.
- Mendoza, Mordecai, and F. L. Rose, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Azo-anthranilic acid and its production. 2,049,510; Aug. 4.
- Mendoza, Rafael, Mexico, D. F., Mexico. Machine gun bolt mechanism. 2,031,383; Feb. 18.
- Menees, Thomas O., and J. D. Miller, Grand Rapids, assignors to The Union Benevolent Association, East Grand Rapids, Mich. Product for use in roentgenography and preparing it. 2,065,718; Dec. 29.
- Menefee, Harry R. (See Holst, L. J. R., Mayer, and Menefee.)
- Meng, Harry E., Oak Park, assignor to W. D. Allen Manufacturing Company, Chicago, Ill. Sprinkler head. 2,032,064; Feb. 25.
- Meng, Harry E., Oak Park, assignor to W. D. Allen Manufacturing Company, Chicago, Ill. Sprinkler. 2,056,290; Oct. 6.
- Mengdehl, Helmut. (See Baehr, H., and Mengdehl.)
- Menges, Luther A., assignor to Chrysler Corporation, Detroit, Mich. Striker plate. 2,047,425; July 14.
- Menges, Luther A., assignor to Chrysler Corporation, Detroit, Mich. Door handle escutcheon. 2,052,053; Aug. 25.
- Menges, Luther A., assignor to Chrysler Corporation, Detroit, Mich. Garnish molding and securing means therefor. 2,058,248; Oct. 20.
- Menhall, Ernest A., assignor to Highway Trailer Company, Edgerton, Wis. Freight car for transporting vehicles. 2,036,344; Apr. 7.
- Menk, Lillian L., Shaker Heights, Ohio. Nursing bottle support. 2,050,622; Aug. 11.
- Mennesson, Marcel L., assignor to "Societe Anonyme Solex", Neuilly-sur-Seine, France. Carburetor. 2,035,177; Mar. 24.
- Mennesson, Marcel, assignor to "Societe Anonyme Solex", Neuilly-sur-Seine, France. Carburetor. 2,043,514; June 9.
- Mennie, Robert S., Montclair, N. J. Rail lubricator. 2,029,828; Feb. 4.
- Menninger, Elmore W., assignor to M. Domers, Los Angeles, Calif. Reinforcement foundation. 2,034,726; Mar. 24.
- Menough, Paul S., Pittsburgh, Pa. Heating furnace. 2,056,070; Sept. 29.
- Menough, Paul S., Pittsburgh, Pa. High temperature shaft and making the same. 2,057,105; Oct. 13.
- Menough, Paul S., Pittsburgh, Pa., assignor to Michiana Products Corporation, Michigan City, Ind. Furnace finger. 2,064,937; Dec. 22.
- Menrad, Ferdinand. (See Röllbuhler, H., and Döbbelin, assignors.)
- Mensch, Leopold J., Kenilworth, Ill. Expansion and contraction joint for concrete structures. 2,063,552; Dec. 8.
- Ment, Herbert. (See Ment, Jacob, and S. and H.)
- Ment, Jacob S. and H., New York, N. Y. Safety window scaffold. 2,059,739; Nov. 3.
- Ment, Sidney. (See Ment, Jacob and S., and H.)
- Menten, Francisco et al. (See Frediani, Dandolo, assignor.)
- Menten, Pedro et al. (See Frediani, Dandolo, assignor.)
- Menton, Joseph B., Detroit, Mich., assignor to The Murray Corporation of America. Hinge and drain trough for windshields. 2,034,875; Mar. 24.
- Menzies, Brian E. (See Thompson, J. S., and Menzies.)
- Menzies, Thomas E. D. (See Scott, T. R., and Menzies.)
- Menzies, Walter R., Milwaukee, Wis. Rocket engine. 2,041,081; May 19.
- Menzies, William C., Scranton, and F. H. Blatch, Hazleton, Pa., said Blatch assignor to Wilmot Engineering Company, Hazleton, Pa. Separating and washing apparatus. 2,026,903; Jan. 7.
- Mercedes Buromaschinen-Werke Aktiengesellschaft. (See Kämmer, Hugo, assignor.)
- Mercedes Buromaschinen-Werke Aktiengesellschaft. (See Mez, Gustav, assignor.)
- Mercedes Büromaschinen-Werke Aktiengesellschaft. (See Pott, Friedrich, assignor.)
- Merck, George A., Jr., Savannah, Ga. Yielding support for vehicles. 2,030,263; Feb. 11.
- Mercer, Henry H., Claremont, N. H., assignor to Sullivan Machinery Company. Valve mechanism. 2,062,816; Dec. 1.
- Mercer, Roy C., et al. (See Rose, William O., assignor.)
- Merchant, William C., Everett, Mass. Treating petroleum products. 2,066,213; Dec. 29.
- Merchantville Hosiery Company. (See Roesener, Harry W., assignor.)
- Mercier, Jean, Neuilly-sur-Seine, France. Damping device. 2,031,000; Feb. 18.
- Mercier, Pierre E., Paris, France. Wing structure. 2,031,662; Feb. 25.
- Mercier, Pierre E., Paris, France. Airplane wing structure. 2,057,339; Oct. 13.
- Merck & Co. (See Engels, W. H. and Weijlard, assignors.)
- Merck & Co. (See Major, R. T., and Cline, assignors.)
- Merck & Co. (See Major, R. T., and Ruigh, assignors.)
- Merck & Co., Inc. (See Burnham, Stanley W., assignor.)
- Merck & Co. Inc. (See Gleason, F. J., and Burnham, assignors.)
- Merck & Co. Inc. (See Haegland, Thomas, assignor.)
- Merckens, Otto, Duren, Germany. Process and apparatus for the drying of travelling webs. 2,061,976; Nov. 24.
- Merco Centrifugal Separator Co. Ltd. (See Peltzer, Albert J., Jr., assignor.)
- Merco Nordstrom Valve Company. (See Nordstrom, Sven J., assignor.)
- Mercogliano, Jerry, Brooklyn, N. Y. Spring seat. 2,029,247; Jan. 28.
- Merdan, Alexander, New York, N. Y. Automatic fire alarm fuse-bulb. 2,037,584; Apr. 14.
- Meredith, Sherman C., San Mateo, P. W. Alston, Berkeley, and E. T. Winslow, Saratoga, assignors to Spreckels Sugar Company, San Francisco, Calif. Apparatus for recovering sugar. 2,036,818; Apr. 7.
- Meredith, Sherman C., San Mateo, P. W. Alston, Berkeley, E. T. Winslow, Saratoga, and C. White, assignors to Spreckels Sugar Company, San Francisco, Calif. Method and apparatus for recovering sugar. 2,042,724; June 2.
- Mergendollar, John, et al. (See Lambert, Thomas H., assignor.)
- Mergenthaler Linotype Company. (See Ackerman, William, assignor.)
- Mergenthaler Linotype Company. (See Albrecht, Christian A., assignor.)
- Mergenthaler Linotype Company. (See Burt, Harold A., assignor.)
- Mergenthaler Linotype Company. (See Good, Andrew, assignor.)
- Mergenthaler Linotype Company. (See Hilpman, John H., assignor.)
- Mergenthaler Linotype Company. (See Ish-Shalom, Samuel, and Bloom, assignors.)
- Mergenthaler Linotype Company. (See Kingsbury, George P., assignor.)
- Mergenthaler Linotype Company. (See Mead, Richard R., assignor.)
- Mergenthaler Linotype Company. (See Morrison, Luther E., assignor.)
- Mergenthaler Linotype Company. (See Petersen, William L., assignor.)
- Mergenthaler Linotype Company. (See Seat, Jay L., assignor.)
- Mergenthaler Linotype Company. (See Speiden, Fillison L., assignor.)
- Mergenthaler Linotype Company. (See Stouges, Anthony J., assignor.)
- Mergenthaler Linotype Company. (See Sturm, Ansgar F., assignor.)
- Mergenthaler Linotype Company. (See Wunsch, Paul, assignor.)
- Mergott, J. E., Company, The. (See Goerdes, Frederick W., assignor.)
- Mergott, J. E., Company, The. (See Hierung, William C., assignor.)
- Mergott, J. E., Company. (See Hierung, W. C., and Goerdes, assignors.)
- Mergott, J. E., Company, The. (See Hierung, W. C., and Goerdes, assignors.)
- Merica, Paul D. (See Pilling, N. B., and Merica.)



- Merica, Paul D., assignor to The International Nickel Company, Inc., New York, N. Y. Tarnish-resistant, rust-proof, and non-corrodible dairy utensil. 2,053,097; Sept. 1.
- Merion Sporting Goods Manufacturing Corp. (See Dunnell, J. S., and Tift.)
- Merk, George S., Flushing, N. Y. Frame for handbags, purses, or the like. 2,042,793; June 2.
- Merk, George S., Flushing, assignor to United-Carr Company, Inc., Brooklyn, N. Y. Bag frame fastener structure. 2,055,238; Sept. 22.
- Merk, George S., Flushing, assignor to United-Carr Company, Inc., Brooklyn, N. Y. Ornament mounting structure. 2,058,168; Oct. 20.
- Merkel, Hans, Breslau, Germany. Making coffee infusions more digestible. 2,036,345; Apr. 7.
- Merkel, Joseph F., assignor to General Railway Signal Company, Rochester, N. Y. Detachable relay. 2,027,743; Jan. 14.
- Merkel, Joseph F., assignor to General Railway Signal Company, Rochester, N. Y. Light signal. 2,035,395; Mar. 24.
- Merkel, Joseph F., assignor to General Railway Signal Company, Rochester, N. Y. Electrically locked control switch. 2,049,397; July 28.
- Merkle, Edward J., Columbus, Ohio. Apparatus for making coffee. 2,064,214; Dec. 15.
- Merkle, William S., assignor to Moloney Electric Company, St. Louis, Mo. Combined lead wire insulator and current overload protecting device for electrical apparatus. 2,053,916; Sept. 8.
- Merkle, William S., assignor to Moloney Electric Company, St. Louis, Mo. Supporting means for pole type transformers and accessories. 2,058,611; Oct. 27.
- Merklein, William A., Brooklyn, N. Y. Electric heater. 2,042,855; June 2.
- Merkt, Gustav A., Worcester, assignor to Morgan Construction Company, Worcester, Mass. Combustion conditioning system for soaking pits. 2,029,580; Feb. 4.
- Merolle, Augustus L., Brooklyn, N. Y. Sheet metal receptacle closure. 2,047,281; July 14.
- Merolle, Augustus L., assignor of one-half to The Empire Metal Cap Co., Inc., Brooklyn, N. Y. Receptacle closure. 2,062,271; Nov. 24.
- Merolle, Augustus L., assignor to Empire Metal Cap Co., Inc., Brooklyn, N. Y. Receptacle and closure therefor. 2,063,615; Dec. 8.
- Merrell, Wm. S., Company, The. (See Rider, Theodore H., assignor.)
- Merrell, Wm. S., Company, The. (See Rider, T. H., and Shelton, assignors.)
- Merrett, Henry C. (See Mollo, E., and Merrett.)
- Merriam, Edmund S., Marietta, Ohio. Preformed abrasive article and making same. 2,050,112; Aug. 4.
- Merriam, Henry F. (See Carter, B. M., and Merriam.)
- Merriam, Henry F. (See Fowler, T. V., Jr., Harkness, Merriam, and Carter.)
- Merriam, Henry F., West Orange, N. J., assignor to General Chemical Company, New York, N. Y. Manufacture of sulphuric acid. 2,042,675; June 2.
- Merriam, Henry F., West Orange, N. J., assignor to General Chemical Company, New York, N. Y. Reducing sulphur dioxide. 2,043,202; June 2.
- Merriam, Hilda D., Chicago, Ill. Dust cloth. 2,027,112; Jan. 7.
- Merriam, Jesse R., assignor to Waukesha Motor Company, Waukesha, Wis. Intake valve deflector. 2,029,581; Feb. 4.
- Merrigan, William J., assignor to Herberts Machinery Co., Ltd., Los Angeles, Calif. Combination grinder and sander. 2,052,031; Aug. 25.
- Merrill, Allan B., and G. H. Stewart, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Endless belt. 2,029,381; Feb. 4.
- Merrill, Cathey C., Buntyn, Tenn. Sling gun. 2,040,150; May 12.
- Merrill Company, The. (See Mills, L. D., and Crowe, assignors.)
- Merrill, Conrad G. (See Gardner, F. G., and Merrill.)
- Merrill, David R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Producing high molecular weight compounds from petroleum oil. 2,029,382; Feb. 4.
- Merrill, David R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for dewaxing oils. 2,031,118; Feb. 18.
- Merrill, David R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Producing lubricating oil. 2,043,388; June 9.
- Merrill, David R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Solvent extraction of oil. 2,043,389; June 9.
- Merrill, David R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Cleaning fabrics. 2,052,891; Sept. 1.
- Merrill, David R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Solvent extraction of hydrocarbon oils. 2,054,295; Sept. 15.
- Merrill, David R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for dewaxing oils. 2,060,517; Nov. 10.
- Merrill, David R., Long Beach, and P. Subkow, Los Angeles, assignors to Union Oil Company of California, Los Angeles, Calif. Dewaxing oil. 2,031,117; Feb. 18.
- Merrill, Ernest N., and G. A. Young, Long Beach, assignor to Shell Development Company, San Francisco, Calif. Apparatus for determining well temperatures. 2,053,967; Sept. 8.
- Merrill, Frank W., Fort Wayne, Ind., assignor to General Electric Company. Direct-current motor-inductor alternator. 2,054,678; Sept. 15.
- Merrill, Frank W., Fort Wayne, Ind., assignor to General Electric Company. Dynamo-electric machine. 2,059,886; Nov. 3.
- Merrill, Harry L., Nashua, N. H. Refrigerator. 2,062,138; Nov. 24.
- Merrill, Harry L., Nashua, N. H. Refrigerator. 2,062,139; Nov. 24.
- Merrill, Harry L., Nashua, N. H. Refrigerator. 2,062,140; Nov. 24.
- Merrill, Marcellus S., Denver, Colo. Apparatus for straightening axles and truing the wheels of automobiles. 2,042,856; June 2.
- Merrill, Warner J. (See McQueen, D. M., and Merrill.)
- Merrill, Warner J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compositions comprising deacetylated chitin. 2,047,218; July 14.
- Merrill, Wesley F., assignor to The Oilgear Company, Milwaukee, Wis. Duplex broaching machine. 2,054,296; Sept. 15.
- Merrill, William D., Everett, Wash. Heating stove. 2,058,094; Oct. 20.
- Merrimac Chemical Company. (See Curtis, Francis J., assignor.)
- Merrimac Chemical Company. (See Healy, John J., Jr., assignor.)
- Merrimac Chemical Co. (See Sargent, Neil A., assignor.)
- Merrimac Chemical Company. (See Taylor, Maurice H., assignor.)
- Merrimac Chemical Company. (See White, J. F., and Wilson, assignors.)
- Merritt, Ericsson H., Lockport, N. Y., assignor, by mesne assignments, to Laminating Patents Corporation, Seattle, Wash. Plywood and method of formation. 2,048,279; July 21.
- Merritt, Ericsson H., Lockport, N. Y., assignor to Laminating Patents Corporation, Seattle, Wash. Laminating, coating and the like. 2,061,203; Nov. 17.
- Merritt, Matthew M., Middleton, Mass., assignor to The Tanning Process Company, Boston, Mass. Application of finely divided material to articles of manufacture. 2,028,796; Jan. 28.
- Merritt, Matthew M., Middleton, assignor to The Tanning Process Company, Boston, Mass. Drying sheet material. 2,039,329; May 5.
- Merritt, Ralph N. S., assignor to Norton Company, Worcester, Mass. Abrasive saw tooth. 2,043,184; June 2.
- Merritt, William F., New York, N. Y. Sandwich cooker. 2,059,133; Oct. 27.
- Merryweather, George E., assignor to Motch & Merryweather Machinery Company, Cleveland, Ohio. Centerless grinding machinery. 2,043,972; June 9.
- Merryweather, James. (See Weber, G. G., and Merryweather.)
- Merryweather & Sons Limited. (See Miller, Leonard C., assignor.)
- Mershon, Ralph D., New York, N. Y. Electrolytic condenser. 2,050,062; Aug. 4.
- Merta, Method, Chicago, assignor of one-half to L. H. Moomaw, Wilmette, Ill. Film moving mechanism. 2,046,572; July 7.
- Merté, Willy, assignor to the firm of Carl Zeiss, Jena, Germany. Photographic objective. 2,063,178; Dec. 8.
- Mertel, Henry P., Ridgefield, N. J. Towel rack. 2,060,630; Nov. 10.
- Merten, William J., assignor to Pittsburgh Rolls Corporation, Pittsburgh, Pa. Roll for fabricating hot metal. 2,053,346; Sept. 8.
- Mertens, Franz, Mannheim, Germany, assignor to Aktien-gesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric valve protective system. 2,029,270; Jan. 28.
- Mertinz, Franz, Vienna, Austria, assignor to United Shoe Machinery Corporation, Paterson, N. J. Cutting die. 2,063,179; Dec. 8.
- Merwin, John C., and C. F. Ball, assignors to Chain Belt Company, Milwaukee, Wis. Discharge mechanism for concrete mixers and analogous apparatus. 2,045,532; June 23.
- Merwin, Theodore E. (See Moray, L. R., and Merwin.)
- Merydith, William W. (See Schepman, G. W., and Merydith.)
- Mesinger, William F., Flushing, assignor to The Linde Air Products Company, New York, N. Y. Method and apparatus for dispensing gas material. 2,035,396; Mar. 24.
- Mesinger, William F., Flushing, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Method and apparatus for dispensing gas material. 2,040,059; May 5.
- Mesinger, William F., Flushing, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Constant pressure apparatus. 2,058,385; Oct. 20.
- Messenger, George P., assignor to Kensington Steel Company, Chicago, Ill. Making manganese chromium steel. 2,064,441; Dec. 15.
- Messer & Co., G. m. b. H. (See Eberle, Wilhelm, assignor.)
- Messer, Heinrich. (See Müller, Richard and F., and Messer.)
- Messer, William W. (See Barnard, A. E., and Messer.)



- Messick, Charles, Brentwood, N. Y. Armature for magnetic movements. 2,026,994; Jan. 7.
- Messick, Kirwan Y., Clarendon, Va. Combined road and rail vehicle. 2,030,311; Feb. 11.
- Messick, Kirwan Y., Clarendon, Va. Transportation unit. 2,039,489; May 5.
- Messier, George L. R. J., deceased, late of Paris, France, by Y. L. Messier, born Bonnamy, administratrix, Paris, France. System for ensuring fluid-tightness for horizontal hydraulic cylinders. 2,029,829; Feb. 4.
- Messier, Yvonne L., administratrix. (See Messier, George L. R. J.)
- Messing, Joseph. (See Frank, W. H., and Messing.)
- Messing, Joseph A. (See Frank, H. J. L., Harper, and Messing.)
- Messing, Joseph A. (See Frank, H. J. L., Messing, and Harper.)
- Messing, Joseph A. (See Frank, W. H., Messing, and Frank.)
- Messing, Joseph A. (See Frank, William H., Messing, and Frank.)
- Messing, Monroe M., New York, N. Y. Lady's garment. 2,066,298; Dec. 29.
- Messinger Devices, Incorporated. (See Messinger, Lester H., Jr., assignor.)
- Messinger, Lester H., Jr., Trumbull, assignor to Messinger Devices, Incorporated, Bridgeport, Conn. Vehicle braking means. 2,044,316; June 16.
- Messinger, William, Philadelphia, Pa. Roll parallelism gauge. 2,050,725; Aug. 11.
- Messinger, William, Philadelphia, Pa. Self-aligning mounting for bearings. 2,064,352; Dec. 15.
- Messiter, Edwin H., Jersey City, N. J., assignor, by mesne assignments, to Chatillon-Schaefer Corporation, New York, N. Y. Conveyer weighing apparatus. 2,029,271; Jan. 28.
- Messmer, Charles A., assignor to St. Louis Cutting Die Company, Inc., St. Louis, Mo. Instep increaser. 2,037,915; Apr. 21.
- Messmer, Ernst. (See Delfs, D., Knoche, Messmer, and Clingenstein.)
- Messner, Arthur J., et al. (See Stillwell, Charles W., assignor.)
- Mesta Machine Company. (See Iversen, Lorenz, assignor.)
- Mesta Machine Company. (See Iversen, L., and Raisig, assignors.)
- Mestekin, Bernard, Washington, D. C. Safety attachment for wrist bands. 2,041,944; May 26.
- Meszar, John, Bogota, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call distributing system. 2,059,596; Nov. 3.
- Métailler, René L., Courbevoie, France. Protecting socket for spark plugs. 2,057,390; Oct. 13.
- Metalcraft Corporation. (See Ericson, George R., assignor.)
- Metalcraft Corporation. (See Korte, Alfred C., assignor.)
- Metal Finishing Research Corporation. (See Tanner, Robert R., assignor.)
- Metal Finishing Research Corporation. (See Tanner, R. R., and Lodeesen, assignors.)
- Metal Forms Corporation. (See Miller, George H., assignor.)
- Metallgesellschaft Aktiengesellschaft. (See Petersen, A. E., and Gensecke, assignors.)
- Metallgesellschaft Aktiengesellschaft. (See Schweitzer, Otto, assignor.)
- Metallgesellschaft Aktiengesellschaft. (See Warlimont, Felix, assignor.)
- Metallic Tag Company. (See Taylor, George H., assignor.)
- Metallwerke A.-G. Dornach. (See Brunner, Adolf, assignor.)
- Metal Office Furniture Company. (See Wege, Peter M., assignor.)
- Metal Specialties Manufacturing Company. (See Johnson, G. E., and Lowenberg, assignors.)
- Metal Textile Corporation. (See Hartwell, Ralf L., assignor.)
- Metal Textile Corporation. (See Kingman, Russell B., assignor.)
- Metal Weatherstrip Corporation. (See Lane, Alfred M., assignor.)
- Metcalf, Alpha H., Attleboro, Mass., assignor to C. A. Marsh & Co., Inc. Cigarette holder. 2,035,178; Mar. 24.
- Metcalf, Alpha H., Attleboro, Mass., assignor to Cheever, Tweedy & Co. Inc. Bracelet. 2,045,282; June 23.
- Metcalf, Edgar E., Merville, Iowa. Tape compass. 2,065,143; Dec. 22.
- Metcalf, Edgar W., Los Angeles, Calif. Extension drawer support. 2,056,407; Oct. 6.
- Metcalf, Henry W., Honolulu, Hawaii. Window shade. 2,059,134; Oct. 27.
- Metcalf, Herbert E., San Francisco, Calif. Sound recording system. 2,059,473; Nov. 3.
- Metcalf, Herbert E., Walnut Creek, assignor to Frank Rieber, Inc., San Francisco, Calif. Sound recording system. 2,059,472; Nov. 3.
- Metcalf, Howard H. (See Seaman, D. J., and Metcalf.)
- Metcalfe, Robert F., Los Angeles, Calif. Automobile water cooling temperature regulator. 2,047,028; July 7.
- Metherell, Alexander. (See Pfaff, H. E., Shaffer, and Metherell.)
- Methlin, Nicolas E., assignor to Schneider & Cie., Paris, France. Electrical teleindicating device. 2,045,042; June 23.
- Methudy, Carl E., St. Louis, Mo., assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio. Ignition device for gas stoves. 2,058,612; Oct. 27.
- Methven, John E., Middletown, Ohio. Device for cutting ice cubes. 2,027,993; Jan. 14.
- Methvin, Wilbur E., Lawrenceburg, Tenn. Turbine. 2,065,865; Dec. 29.
- Metlox Corporation. (See Prouty, Theodore C., assignor.)
- Metro-Goldwyn-Mayer Corporation. (See Ceccarini, Olin-do O., assignor.)
- Metropolitan Engineering Company. (See Murray, Thomas E., assignor.)
- Metting, Julius M., Glendale, Long Island, N. Y. Rain alarm. 2,050,623; Aug. 11.
- Mettler, Carl, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Manufacture of naphthazarine dyestuffs. 2,066,119; Dec. 29.
- Metzel, Truman T. (See Kotzin, Adolph A., assignor.)
- Metzgar, Chester W., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Load controlling apparatus for compressors. 2,032,429; Mar. 3.
- Metzger, Alan F., Swampscott, Mass., assignor to General Electric Company. Dynamo-electric machine. 2,058,339; Oct. 20.
- Metzger, Frederick W., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control in signaling systems. 2,034,703; Mar. 24.
- Metzger, Floyd J., assignor to Air Reduction Company, Inc., New York, N. Y. Manufacture of ethyl alcohol. 2,050,442; Aug. 11.
- Metzger, Floyd J., assignor to Air Reduction Company, Inc., New York, N. Y. Manufacture of ethyl alcohol. 2,050,443; Aug. 11.
- Metzger, Floyd J., assignor to Air Reduction Company, Inc., New York, N. Y. Producing isopropyl alcohol. 2,050,444; Aug. 11.
- Metzger, Floyd J., assignor to Air Reduction Company, Inc., New York, N. Y. Manufacture of ethyl alcohol. 2,050,445; Aug. 11.
- Metzger, Grace, Tulsa, Okla. Vapor bath apparatus. 2,041,852; May 26.
- Metzger, Henry L., Castleton-on-Hudson, assignor to Fort Orange Paper Company, Castleton-on-Hudson, N. Y. Box. 2,029,888; Feb. 4.
- Metziger, Max. (See Block, L., and Metziger.)
- Metzner, Albert W. (See Sherman, J. Q., and Metzner.)
- Metzner, Albert W. (See Sherman, J. Q., Metzner, and Frey.)
- Metzner, Albert W., and J. Q. Sherman, Dayton, Ohio, said Metzner assignor to said Sherman. Multiple-web roll and operating same. 2,061,713; Nov. 24.
- Metzts, Jacques M., Springfield, Mass. Paper clip. 2,061,474; Nov. 17.
- Meuer, George J., and R. A. Millermaster, assignors of one-half to Cutler-Hammer, Inc., Milwaukee, Wis., and one-half to Borg-Warner Corporation. Service connector. 2,063,044; Dec. 8.
- Meuer, George J., and R. A. Millermaster, assignors, by mesne assignments, of one-half to Cutler-Hammer, Inc., Milwaukee, Wis., and one-half to Borg-Warner Corporation. Service connector. 2,063,045; Dec. 8.
- Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric snap switch. 2,050,359; Aug. 11.
- Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,065,904; Dec. 29.
- Meuly, Walter C., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Perfume-emitting materials. 2,035,494; Mar. 31.
- Meunier, Christian J., and H. Bomboy, New Orleans, La. Bank protecting device. 2,031,543; Feb. 18.
- Meunier, Christian J., and H. Bomboy, New Orleans, La. Bank protecting device. 2,049,969; Aug. 4.
- Meunier, Christian J., and H. Bomboy, New Orleans, La. Bank protecting device. 2,053,624; Sept. 8.
- Meunier, Leon F., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Nut runner. 2,061,843; Nov. 24.
- Meunier, Louis. (See Gabriel, L. G., Blott, Peard, Firmin, Meunier and van der Minne.)
- Meunier, Pierre, Paris, assignor to Resines et Vernis Artificiels (Societe Anonyme), Lyon, France. Impregnating cellulosic fabrics. 2,049,217; July 28.
- Meutsch, Charles C., Buffalo, N. Y. Furniture spring seat. 2,026,843; Jan. 7.
- Meutsch, Charles C., Buffalo, N. Y. Furniture spring suspension. 2,029,182; Jan. 28.
- Mewborne, Robert G., Albuquerque, N. Mex., assignor to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y. Drying tobacco for insecticidal purposes. 2,040,871; May 19.
- Mexican Gulf Oil Company. (See Kersey, Earl N., assignor.)
- Mexico Auto Parts, Inc. (See Ridgeway, Bruce, assignor.)
- Mey, Karl, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Flash lamp. 2,057,583; Oct. 13.
- Meyer, Adolph F., Minneapolis, Minn. Phenomenon indicating device. 2,050,446; Aug. 11.
- Meyer, Albert R. (See Brasty, Joseph, assignor.)



- Meyer, Alfred, and E. Holzbaur, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Injection internal combustion engine. 2,063,848; Dec. 8.
- Meyer, Andre J., Continental Motors Corporation, Detroit, Mich. Engine. 2,062,369; Dec. 1.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,034,409; Mar. 17.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,034,410; Mar. 17.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,039,103; Apr. 28.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,043,111; June 2.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,048,018; July 21.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Internal combustion engine and operating same. 2,065,600; Dec. 29.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Damping device. 2,065,601; Dec. 29.
- Meyer, Andre J., assignor to Continental Motors Corp., Detroit, Mich. Engine. 2,065,602; Dec. 29.
- Meyer, Arthur E., assignor to Chappel Bros. Inc., Rockford, Ill. Preparing gonad stimulating hormone. 2,027,446; Jan. 14.
- Meyer, Arthur E., assignor to Chappel Bros., Inc., Rockford, Ill. Composition for treatment of anemia and preparing same. 2,038,586; Apr. 28.
- Meyer, August H. (See Cole, Harry H., assignor.)
- Meyer, Carl W., assignor to Johns-Manville Corporation, New York, N. Y. Eyelet assembly. 2,031,325; Feb. 18.
- Meyer, Christian F., Wyomissing, and M. Zwicky, Berkshire Heights, assignors to Textile Machine Works, Wyomissing, Pa. Camshaft-operated knitting machine. 2,044,539; June 16.
- Meyer, David, assignor to The Hygienol Co. Inc., New Rochelle, N. Y. Powder puff and making the same. 2,055,772; Sept. 29.
- Meyer, Eduard, Mulheim, Germany. Regulating means for rolling mechanisms. 2,040,755; May 12.
- Meyer, Edward B., Cleveland Heights, Ohio. Bowling apparatus. 2,035,975; Mar. 31.
- Meyer, Edward B., East Cleveland, Ohio. Track-clearing implement. 2,061,585; Nov. 24.
- Meyer, Ernst G. E. and E. C. Burgoyne, Hounslow, England. Production of artificial filaments and particularly such as are adapted for use for textile purposes. 2,063,180; Dec. 8.
- Meyer, Eula M., and E. C. Duncan, Kansas City, Mo. Hair waving appliance. 2,041,426; May 19.
- Meyer, Felix, Aachen, Germany. Regulating the flow of fluids. 2,036,950; Apr. 7.
- Meyer, Felix, Aachen, Germany, assignor to Kimble Glass Company, Vineland, N. J. Blank support for a forming machine. 2,042,794; June 2.
- Meyer, Felix, Aachen, Germany, assignor to Kimble Glass Company, Vineland, N. J. Glass body forming machine. 2,050,012; Aug. 4.
- Meyer, Felix, Aachen, Germany, assignor to Kimble Glass Company, Vineland, N. J. Glass body forming machine. 2,058,812; Oct. 27.
- Meyer, Felix, Aachen, Germany, assignor to Kimble Glass Company, Vineland, N. J. Method of and apparatus for forming glass bodies. 2,059,474; Nov. 3.
- Meyer, Frank W., East St. Louis, Ill. Drum lock. 2,063,394; Dec. 8.
- Meyer, Fred C., Paterson, and G. E. Moffitt, East Paterson, assignors to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Joint for electric cables. 2,026,587; Jan. 7.
- Meyer, Fred C., Paterson, and G. E. Moffitt, East Paterson, assignors to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Pothead. 2,029,332; Feb. 4.
- Meyer, Fred C., Paterson, and G. E. Moffitt, East Paterson, assignors to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Joint for electric cables. 2,049,465; Aug. 4.
- Meyer, Frederick S., Minneapolis, Minn. Preparing dental restoratives. 2,059,262; Nov. 3.
- Meyer, Georg. (See Orthner, L., and Meyer.)
- Meyer, George J., Milwaukee, Wis. Container sealing means. 2,035,179; Mar. 24.
- Meyer, George J., Milwaukee, Wis., and G. L. N. Meyer, Jackson Heights, N. Y., assignors to Geo. J. Meyer Manufacturing Company, Cudahy, Wis. Container handling machine. 2,043,763; June 9.
- Meyer, Geo. J., Manufacturing Company. (See Meyer, George J., and G. L. N., assignors.)
- Meyer, George L. N. (See Meyer, George J., and G. L. N.)
- Meyer, George L. N., Milwaukee, Wis. Bottle centering means. 2,031,663; Feb. 25.
- Meyer, George L. N., Milwaukee, Wis. Treating and roasting coffee. 2,043,443; June 9.
- Meyer, George L. N., Milwaukee, Wis. Filler valve. 2,063,326; Dec. 8.
- Meyer, George T., Milwaukee, Wis. Resilient tip for tapping rods. 2,041,427; May 19.
- Meyer, Gerhard, assignor to The Technicraft Engineering Corp., Los Angeles, Calif. Well packer. 2,052,786; Sept. 1.
- Meyer, Hans, Altona-Bahrenfeld, Germany. Device for simultaneously regulating the pressure of a series of pressure rolls adjacent a heating table. 2,030,527; Feb. 11.
- Meyer, Heinrich, Barby-Elbe, Germany, assignor to International Patents Development Company, Wilmington, Del. Tablets of pure dextrose. 2,046,833; July 7.
- Meyer, Henry A., assignor of one-half to Wolf Machine Company, Cincinnati, Ohio. Carcass-cleaving machine. 2,027,396; Jan. 14.
- Meyer, Henry A., assignor of one-half to The Wolf Machine Company, Cincinnati, Ohio. Carcass cleaving machine. 2,027,397; Jan. 14.
- Meyer, Henry H., assignor to L. J. Eppinger, Detroit, Mich. Printing on irregular surfaces. 2,042,476; June 2.
- Meyer-Jagenberg, Günther, Dusseldorf, Germany. Method and apparatus for wrapping articles. 2,047,486; July 14.
- Meyer-Jagenberg, Günther, Dusseldorf, Germany. Method and apparatus for forming container closures. 2,061,967; Nov. 24.
- Meyer-Jagenberg, Günther, Dusseldorf, Germany. Manufacturing paper containers. 2,065,975; Dec. 29.
- Meyer, Jerome S. (See Rosenthal, L. W., and Meyer.)
- Meyer, John B., Dubuque, Iowa, assignor to The Adams Company, Dubuque, Iowa. Slip jacket. 2,055,548; Sept. 29.
- Meyer, John F. (See Butterworth, Willoughby H., assignor.)
- Meyer, Kurt. (See Scholl, R., and Meyer, assignors.)
- Meyer, Louis W. (See Lockridge, E. R., and Meyer.)
- Meyer, Margaret C. B., executrix. (See Meyer, Peter H., assignor.)
- Meyer, Martin, Franklin County, Iowa. Hat and coat hanger for automobiles. 2,060,820; Nov. 17.
- Meyer, Max, et al. (See Lillie, Edwin C., assignor.)
- Meyer, Max C., Brooklyn, N. Y. Knitting ball carrier or similar article. 2,066,155; Dec. 29.
- Meyer, Paul H., Bellwood, L. Bethke, Melrose Park, and J. P. Walker, Maywood, assignors to Solar-Sturges Mfg. Co., Melrose Park, Ill. Metallic container and making the same. 2,035,714; Mar. 31.
- Meyer, Peter H., M. C. B. Meyer, executrix of the estate of said Meyer, deceased, assignor to Margaret C. B. Meyer, Buffalo, N. Y. Eyeglasses and the like. 2,050,957; Aug. 11.
- Meyer, Pierre H., New York, N. Y. Interchangeable wall counter. 2,047,794; July 14.
- Meyer, Pierre H., New York, N. Y. Price card holder. 2,049,855; Aug. 4.
- Meyer, Pierre H., New York, N. Y. Ticket supporting bracket. 2,052,189; Aug. 25.
- Meyer, Raymond B., and C. F. Rudolph, Washington, D. C. Antidrift lock for radio control. 2,047,219; July 14.
- Meyer, Raymond W., Champaign, Ill. Razor. 2,066,214; Dec. 29.
- Meyer, Seth M., West Bend, Wis. Hose coupling drain. 2,063,616; Dec. 8.
- Meyer, Siegfried, Berlin, Germany. Hand wardrobe trunk. 2,036,346; Apr. 7.
- Meyer, Svend M., Woodhaven, N. Y. Oil heater and burner. 2,062,595; Dec. 1.
- Meyer, Walter R. (See Groene, W. F., and Meyer.)
- Meyer, Walter R. (See Mingus, F. B., and Meyer.)
- Meyer, William A., West Allis, Wis. Compressor. 2,050,536; Aug. 11.
- Meyer, William H., St. Louis, Mo., and E. G. Hallquist, Edwardsville, assignors to General Steel Castings Corporation, Granite City, Ill. Rocker centering structure. 2,033,726; Mar. 10.
- Meyercord Company, The. (See Carr, J. B., and Wilson, assignors.)
- Meyercord Co., The. (See Rathke, Harry C., assignor.)
- Meyercord, George R., Chicago, Ill. Building construction. 2,061,803; Nov. 24.
- Meyerkort, Richard W., Carmel, Calif. Umbrella. 2,044,805; June 23.
- Meyers, Ernest H. (See Olin, F. W., Meyers, and Seavey.)
- Meyers, Frederick J. (See Carroll, T. E., and Meyers.)
- Meyers, George J., Jr., Lynn, Mass., assignor to General Electric Company. Film cut-out. 2,059,890; Nov. 3.
- Meyerson, Louis B., Greenwich, Ohio. Bottle holder. 2,063,554; Dec. 8.
- Meyrowitz, Emanuel, Brooklyn, N. Y. Combined fan and heater. 2,036,597; Apr. 7.
- Mez, Gustav, Dahlem, near Berlin, assignor to Mercedes Büromaschinen-Werke Aktiengesellschaft, Benshausen, Germany. Calculating machine. 2,033,439; Mar. 10.
- Mez, Gustav, Dahlem, near Berlin, assignor to Mercedes Büromaschinen-Werke Aktiengesellschaft, Benshausen, Germany. Mechanism for typewriter calculating machines. 2,046,524; July 7.
- Mezey, Matthew, Chicago, Ill. Brush holder. 2,051,267; Aug. 18.
- Mezz, David, Brooklyn, N. Y. Nose clip. 2,064,986; Dec. 22.
- Mezzatesta, Gaspare, New York, N. Y. Airship speed indicator. 2,036,879; Apr. 7.
- Mial, Marcel H., executor. (See Nilson, Lars G.)
- Miami Abrasive Products, Inc. (See Sherck, Harley E., assignor.)
- Miamisburg Paper Company, The. (See Penwell, Jessie C., assignor.)
- Michael, Clement W., and W. E. Michael, assignors to The Massey Harris Company, Racine, Wis. Fertilizer distributor. 2,042,014; May 26.
- Michael, William E. (See Michael, Clement W., and W. E.)



- Michaelis, Louis, and J. Lewis, New York, N. Y.; said Lewis, assignor to said Michaelis. Display device. 2,035,273; Mar. 24.
- Michaelson, Benjamin. (See Colleran, Joseph W., assignor.)
- Michal, Charles J., Jr., Hinsdale, Ill. Machine-gun and converter therefor. 2,056,975; Oct. 13.
- Michalski, Bruno, Paramus, N. Y., assignor of one-half to R. W. Beardslee, Scarsdale, N. Y. Humidifying apparatus. 2,042,185; May 26.
- Michaud, Oscar. (See Trudel, B., and Michaud.)
- Michauka, Anthony, Chicago, Ill. Doorlatch. 2,044,622; June 16.
- Michaus, Gonzalo, Miami, Fla. Advertising sign. 2,042,268; May 26.
- Micheal, George L., and P. Brumbach, Harlan; said Micheal assignor to R. B. Maw, Pineville, Ky. Tire for mine locomotive wheels. 2,061,324; Nov. 17.
- Michel, Charles O. R., New York, N. Y., and A. C. Hunkeler, Wilkesburg, Pa. Container for a liquid. 2,062,897; Dec. 1.
- Michel, Clarence A. (See Koubek, J. L., and Michel.)
- Michel, Clarence A. (See Mead, H. C., and Michel, assignors.)
- Michel, Clarence A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Headlamp construction. 2,050,726; Aug. 11.
- Michel, Clarence A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Doorless head lamp. 2,060,999; Nov. 17.
- Michel, Clarence A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Four-section reflector. 2,061,001; Nov. 17.
- Michel, Clarence A., H. C. Mead, and J. L. Koubek, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Reflector. 2,033,387; Mar. 10.
- Michel, Clarence A., and S. R. Conwell, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Reflector or bulb shifting mechanism for head lamps. 2,061,000; Nov. 17.
- Michel, Friedrich, Finkenkrug, near Berlin, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Steam generator. 2,035,908; Mar. 31.
- Michel, H. Arnold. (See Wessberg, Peter, assignor.)
- Michel, Harold, Brooklyn, N. Y. Attaching a handle to a stem or the like. 2,039,917; May 5.
- Michel, Johann. (See Ostermeier, J., and Michel.)
- Michel, Josef M., Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Protecting magnesium and magnesium alloys. 2,028,343; Jan. 21.
- Michelin et Cie. (See Bourdon, Pierre M., assignor.)
- Michelson, Barnett S., Boston, Mass. Shower bath attachment. 2,060,100; Nov. 10.
- Michelson, Konstantin, Tallinn-Reval, Esthonia. Tensioning device for flexible members. 2,051,735; Aug. 18.
- Michelssen, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron tube. 2,058,482; Oct. 27.
- Michener, Charles P., Severna Park, Md. Game. 2,044,122; June 16.
- Michiana Products Corporation. (See Burckhalter, R. N., and Osburn, assignors.)
- Michiana Products Corporation. (See Klouman, H., and Whiteside, assignors.)
- Michiana Products Corporation. (See Menough, Paul S., assignor.)
- Michigan Bumper Corporation. (See Vogel, William G., assignor.)
- Michigan State Board of Agriculture. (See Huston, Ralph C., assignor.)
- Michigan Tool Company. (See Drader, Joseph C., assignor.)
- Michigan Tool Company. (See Drader, J. C., and Munn, assignors.)
- Michigan Tool Company. (See Overstedt, Ernest A., assignor.)
- Michigan Tool Company. (See Pelphrey, Harry, assignor.)
- Michigan Wire Goods Company. (See Smith, Benjamin H., assignor.)
- Michot-Dupont, Georges F., Vincennes, France, assignor to Physical Chemistry Research Cy, New York, N. Y. Forming liquid hydrocarbons. 2,033,914; Mar. 17.
- Mickadeit, Frank E., assignor of one-half to J. L. Mickadeit, Kansas City, Mo. Air heated vision structure. 2,032,998; Mar. 3.
- Mickadeit, Josephine L. (See Mickadeit, Frank E., assignor.)
- Mickelson, Alfred O., Chicago, and A. J. Duaci, Lombard, Ill. Propelling mechanism. 2,048,557; July 21.
- Microcel Corporation. (See Schuh, Charles H., assignor.)
- Micro Corporation, The. (See Criner, Harry J., assignor.)
- Micro Corporation, The. (See Geiger, Albert L., assignor.)
- Micro Corporation, The. (See Rohwedder, Otto F., assignor.)
- Micro Corporation, The. (See Yerk, H. H., and Palmer, assignors.)
- Micromatic Hone Corporation. (See Connor, K. W., and Bleasdale, assignors.)
- Microphone Corporation of America. (See Kaplowitz, Morris, assignor.)
- Micro-Westco, Inc. (See Abramson, Ernest L., assignor.)
- Micro-Westco, Incorporated. (See Calame, Gordon J., assignor.)
- Micro-Westco, Inc. (See Creech, Taylor W., assignor.)
- Micro-Westco, Incorporated. (See Rohwedder, Otto F., assignor.)
- Micro-Westco, Inc. (See Vollmer, Earl C., assignor.)
- Micro-Westco, Inc. (See Yerk, Henry H., assignor.)
- Midboe, Albert, Philadelphia, Pa., assignor to Equitable Paper Bag Co., Inc., Brooklyn, N. Y. Paper bag machine attachment. 2,032,709; Mar. 3.
- Mid-Continent Investment Company. (See Cross, Walter M., Jr., assignor.)
- Mid-Continent Investment Company, et al. (See Cross, W. M., Jr., Buder, and Norquist, assignors.)
- Mid-Continent Petroleum Corporation. (See Bennett, Harry T., assignor.)
- Mid-Continent Petroleum Corporation. (See Bennett, H. T., and Burkitt, assignors.)
- Mid-Continent Petroleum Corporation. (See Jacobs, D. L., and Dons, assignors.)
- Middaugh, John B., assignor, by mesne assignments, to Oppenheimer Casing Co., Chicago, Ill. Hydraulic press. 2,030,928; Feb. 18.
- Middaugh, John B., assignor, by mesne assignments, to Packers Equipment Development Company, Chicago, Ill. Casing cleaning machine. 2,037,253; Apr. 14.
- Middaugh, John B., assignor, by mesne assignments, to Packers Equipment Development Company, Chicago, Ill. Debairing machine. 2,044,179; June 16.
- Middelboe, Kristian, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Treatment of cement raw materials and the like. 2,036,951; Apr. 7.
- Middelboe, Kristian, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Apparatus for the treatment of cement raw materials. 2,036,952; Apr. 7.
- Middelboe, Kristian, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Machine for packing pulverulent material. 2,039,257; Apr. 28.
- Middleboe, Kristian, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Packing machine for pulverulent material. 2,049,745; Aug. 4.
- Middlebury Electric Clock Corporation. (See Bullock, Frank, assignor.)
- Middleby-Marshall Oven Co. (See O'Brien, Thomas, assignor.)
- Middler, Alexander J., Detroit, Mich. Metal blowing process. 2,038,304; Apr. 21.
- Middleton, Leslie H., Adrian, assignor to Schwarze Electric Company, Adrian, Mich. Sound signaling. 2,028,465; Jan. 21.
- Middleton, Leslie H., LaCrosse, Wis., assignor, by mesne assignments, to Moto Meter Gauge & Equipment Corporation. Electrical indicating instrument. 2,040,060; May 5.
- Midland Steel Products Company, The. (See Almdale, Einar, assignor.)
- Midland Steel Products Company, The, trustee. (See Begg, Russell S., assignor.)
- Midland Steel Products Company, The. (See Begg, R. S., Kuiper, and Almond, assignors.)
- Midland Steel Products Company, The. (See Dietrich, Neff T., assignor.)
- Midland Steel Products Company, The. (See Lowrie, Edward D., assignor.)
- Midland Steel Products Company, The. (See Riemen-schneider, Ernest, assignor.)
- Midland Steel Products Company, The. (See Sherbino, Morton R., assignor.)
- Midland Steel Products Company, The. (See Sneed, John, assignor.)
- Midnight, Wilbur G., Bay Village, Ohio. Refrigeration apparatus. 2,062,921; Dec. 1.
- Midnight, Wilbur G., Bay Village, assignor to Perfection Stove Company, Cleveland, Ohio. Refrigerating system. 2,045,043; June 23.
- Mid-States Gummed Paper Company. (See Humphner, Ferdinand W., assignor.)
- Mid-States Gummed Paper Co. (See Miskella, William J., assignor.)
- Mid-West Abrasive Company. (See Rizor, Royal H., assignor.)
- Mid-West-Fulton Machine Company. (See Knoll, William V., assignor.)
- Midyette, John T., Jr., Brooklyn, N. Y., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Unit heater control. 2,045,790; June 30.
- Miehle, Mabel K., administratrix. (See Miehle, Robert.)
- Miehle Printing Press & Manufacturing Company. (See Cheshire, Edward, assignor.)
- Miehle Printing Press and Manufacturing Company. (See Golber, Hyman E., assignor.)
- Miehle Printing Press and Manufacturing Company. (See Peyrebrune, Henri E., assignor.)
- Miehle Printing Press and Manufacturing Company, The. (See Sites, Benjamin L., assignor.)
- Miehle Printing Press & Manufacturing Company, The. (See Stevens, B. D., and Sites, assignors.)
- Miehle, Robert, Chicago, Ill., M. K. Miehle, administratrix of said Robert Miehle, deceased. Inking mechanism for printing presses. 2,061,325; Nov. 17.



- Miehle, Robert, deceased, Chicago, Ill., Mabel K. Miehle, administratrix of said Robert Miehle. Printing press. 2,064,622; Dec. 15.
- Mienes, Karl, Charlottenburg, Germany. Surgical bandage. 2,053,728; Sept. 8.
- Miesse, Jules, Brussels, Belgium. Rear axle for automotive vehicles. 2,043,185; June 2.
- Miessner, Benjamin F., assignor to Miessner Inventions, Inc., Short Hills, N. J. Amplifier system. 2,027,054; Jan. 7.
- Miessner, Benjamin F., Millburn, N. J., assignor to Miessner Inventions, Inc. Apparatus for the production of music. 2,027,074; Jan. 7.
- Miessner, Benjamin F., Millburn Township, Essex County, N. J., assignor to Miessner Inventions, Inc. Apparatus for the production of music. 2,033,440; Mar. 10.
- Miessner, Benjamin F., Short Hills, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Multiple electrode discharge tube energizing. 2,034,663; Mar. 17.
- Miessner, Benjamin F., Millburn Township, Essex County, N. J., assignor to Miessner Inventions, Inc. Method and apparatus for the production of music. 2,045,917; June 30.
- Miessner Inventions, Inc. (See Jacobs, Charles T., assignor.)
- Miessner Inventions, Inc. (See Miessner, Benjamin F., assignor.)
- Miessner Inventions, Inc. (See Vierling, Oskar, assignor.)
- Migliorini, Samuel, Bridgeville, Pa. Antiskid device. 2,048,019; July 21.
- Mignon, George E., Waverly, near Sidney, New South Wales, Australia. Safety razor and blade therefor. 2,066,215; Dec. 29.
- Mihalyi, Joseph, Rochester, assignor to Eastman Kodak Company, Rochester, N. Y. Range finder for cameras. 2,029,932; Feb. 4.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Optical system for photographic apparatus. 2,036,428; Apr. 7.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Multiple image view finder. 2,043,900; June 9.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic apparatus. 2,043,901; June 9.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Automatic film window shutter. 2,043,902; June 9.
- Mihalyi, Joseph, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Diaphragm control for photographic apparatus. 2,058,483; Oct. 27.
- Mihalyi, Joseph, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Base type range finder. 2,058,484; Oct. 27.
- Mijnssen, Jacob W., assignor to Aktiengesellschaft der Eisen und Stahlwerke vormals Georg Fischer, Schaffhouse, Switzerland. Detachable rim for vehicle wheels. 2,065,866; Dec. 29.
- Mik, Franz, assignor to Deutsche Gold- und Silber-Scheideanstalt, vormals Roessler, Frankfurt-on-the-Main, Germany. Producing porous solid matter and products thereof. 2,057,442; Oct. 13.
- Mikaelson, Erik W., Easton, Pa., and A. K. Hamilton, Chicago, Ill., assignors to Treadwell Engineering Company, Easton, Pa. Strip coiling machine. 2,038,305; Apr. 21.
- Mikaelson, Erik W., Easton, Pa., and A. K. Hamilton, Chicago, Ill., assignors to Treadwell Engineering Company, Easton, Pa. Method of and apparatus for pack annealing. 2,046,921; July 7.
- Mikelson, Arthur, Detroit, Mich. Apparatus for peeling vegetables. 2,039,490; May 5.
- Mikeska, Louis A., Elizabeth, N. J., assignor to Standard Oil Development Company. Insecticide and insect repellent and making the same. 2,066,184; Dec. 29.
- Mikeska, Louis A., and L. B. Turner, Elizabeth, N. J., assignors to Standard Oil Development Company. Lubricants. 2,049,072; July 28.
- Mikkelsen, Oluf. (See Harmon, Lloyd J., assignor.)
- Mikulasek, John, Newton, Iowa, assignor to V. Losa, Coraopolis, Pa. Coupling. 2,032,297; Feb. 25.
- Mikulasek, John, assignor to The Maytag Company, Newton, Iowa. Washing machine. 2,034,244; Mar. 17.
- Mikulasek, John, assignor to The Maytag Company, Newton, Iowa. Extension for ironing machine rolls. 2,060,234; Nov. 10.
- Mikulic, Milos N., Independence, assignor of one-third to E. H. Munford and one-third to H. D. Pinkerton, Kansas City, Mo. Electric generator and heating and cooling means. 2,039,547; May 5.
- Milbourne, Charles G. (See Ward, A. L., Jordan, and Milbourne.)
- Milburn, Frank S., Covington, Ky. Apparatus for fertilizing. 2,057,785; Oct. 30.
- Milcor Steel Company. (See Siebenlist, Anthony G., assignor.)
- Milcor Steel Company. (See Wollaeger, Clarence G., assignor.)
- Mildé, Charles E. (See Couplier, M. M. J. E., Heilmann, and Mildé.)
- Milea, Jennie. (See Aliano, Peter, assignor.)
- Miles, Edward C. (See Miles, George E. and E. C., and Bathiany.)
- Miles, George E., Cincinnati, and E. C. Miles, North College Hill, Ohio, and A. B. Bathiany, Jr., Newport, Ky. Portable combination beer cooler and dispenser. 2,038,053; Apr. 21.
- Miles, George H., New Barnet, Herts, England. Optical projection apparatus. 2,046,202; June 30.
- Miles, John H., Decatur, Ga., assignor to General Electric Company. Control of electric circuits. 2,049,308; July 28.
- Miles, Prentice M. (See Paul, M., and Gyr, assignors.)
- Miles, William C., White Plains, N. Y. Playing-card dealing apparatus. 2,051,615; Aug. 18.
- Miley, Mary M., Allentown, Pa. Cleaning implement for pianos or the like. 2,062,065; Nov. 24.
- Milford Rivet and Machine Company, The. (See Fleming, George W., assignor.)
- Milhening, J., Inc. (See Bager, Ernest, assignor.)
- Milhime, John G., Chicago, Ill. Wardrobe hook. 2,047,107; July 7.
- Millnare, Lawrence J., Chicago, Ill. Golf ball retriever. 2,058,709; Oct. 27.
- Milk Processes, Inc. (See Wendt, Herman D., assignor.)
- Millar, Russel W., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Manufacture of hydrocyanic acid. 2,043,930; June 9.
- Millard, Fred L., San Francisco, Calif. Bottle neck and closure therefor. 2,051,310; Aug. 18.
- Mille, Raymond, Aubervilliers, France. Automatic smoke preventer. 2,030,017; Feb. 4.
- Millen, James. (See Lamb, James J., assignor.)
- Miller, A. W. (See Kraft, Selmer A., assignor.)
- Miller, Abraham B., Berkeley, assignor to The Paraffine Companies, Inc., San Francisco, Calif. Making covering material. 2,027,744; Jan. 14.
- Miller, Alfred C. (See Jones, J. A., and Miller.)
- Miller, Alvah L., Croton, N. Y., and G. M. Darby, Westport, Conn., assignors, by mesne assignments, to The Dorr Company Inc., New York, N. Y. Manufacture of bi-sulphite liquor. 2,042,477; June 2.
- Miller, Alvah L., North Tarrytown, R. W. Shafer, New York, N. Y., and G. M. Darby, Westport, Conn., assignors to The Dorr Company, Inc., New York, N. Y. Production of bisulphite liquor. 2,042,478; June 2.
- Miller, Arthur A., Selinsgrove, Pa. Pin anchor. 2,056,685; Oct. 6.
- Miller, Arthur E. (See Tucker, Emmitt M., assignor.)
- Miller, Arthur E., and S. Shafer, Jr., assignors to Chain Belt Company, Milwaukee, Wis. Control mechanism for concrete mixers and analogous apparatus. 2,028,988; Jan. 28.
- Miller, Aubrey D., Fort Wayne, and E. O. Bade, Waynedale, Ind. Signal for motor vehicles. 2,039,604; May 5.
- Miller, Benjamin, Richmond Hill, assignor to Doherty Research Company, New York, N. Y. Variable frequency stroboscope. 2,043,484; June 9.
- Miller, Bruce De H., assignor to The Girdler Corporation, Louisville, Ky. Bent pipe. 2,041,199; May 19.
- Miller, Carl D. (See Howard, C. H., and Miller.)
- Miller, Carl F., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Space discharge device. 2,049,167; July 28.
- Miller, Carl J., Elyria, assignor to Steel & Tubes, Inc., Cleveland, Ohio. Reworking rails. 2,040,494; May 12.
- Miller, Charles, Long Island City, N. Y. Cemented shoe. 2,036,065; Mar. 31.
- Miller, Charles, Long Island City, N. Y. Spool holder. 2,052,415; Aug. 25.
- Miller, Charles, Long Island City, N. Y. Shoe. 2,059,185; Oct. 27.
- Miller, Charles, New York, N. Y. Making cemented shoes. 2,036,066; Mar. 31.
- Miller, Charles, and I. Speilman, Long Island City, N. Y. Shoe ornamentation. 2,044,362; June 16.
- Miller, Charles A., et al. (See Sutton, Cyril D., assignor.)
- Miller, Charles A., Weatherly, Pa. Rail and flange lubricator. 2,055,939; Sept. 29.
- Miller, Charles E., Anderson, Ind. Wind motor. 2,037,523; Apr. 14.
- Miller, Charles E., assignor to Wadhams Oil Company, Milwaukee, Wis. Lubricant nozzle extension. 2,059,704; Nov. 3.
- Miller, Charles F. and F. C., and A. D. Booth, Chicago, Ill. Fuel modifying device for internal combustion engines. 2,053,200; Sept. 1.
- Miller, Charles G., Montclair, N. J., assignor to American Telephone and Telegraph Company. Telephone signal circuit. 2,060,585; Nov. 10.
- Miller, Charles H., and P. Sherrick, assignors to E. H. Sargent & Co., Chicago, Ill. Heater and circulator for thermostatic baths. 2,037,993; Apr. 21.
- Miller, Charles M. (See Laube, G., and Miller.)
- Miller, Chauncey K., Indianapolis, Ind. Blotting paper stock advertising card and forming same. 2,061,844; Nov. 24.
- Miller, Clarence O., and F. A. Stahl, St. Paul, Minn. Wiener roasting device. 2,066,185; Dec. 29.
- Miller, Clarence W. (See Goode, G. C., Miller, and Harrington.)
- Miller, Constantine G., assignor to The Meaker Company, Chicago, Ill. Transfer arm. 2,061,165; Nov. 17.
- Miller, Cora M., Winter Park, Fla. Hairpin holder for hairdressers. 2,058,340; Oct. 20.
- Miller, Dale O., Detroit, Mich. Oil burner combustion apparatus. 2,032,947; Mar. 3.



- Miller, Daniel D., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,060,235; Nov. 10.
- Miller, De Mont G., San Marino, assignor to Johnston Pump Company, Los Angeles, Calif. Turbine well pump. 2,029,333; Feb. 4.
- Miller, Donald L., Des Moines, Iowa. Bicycle stand. 2,049,218; July 28.
- Miller, Donald W. (See Parks, P. B., and Miller.)
- Miller, Donald W. (See Smith, W. M., and Miller.)
- Miller, Dorr, Detroit, Mich., assignor to Dura Company, Toledo, Ohio. Doorlatch mechanism. 2,031,664; Feb. 25.
- Miller, Dorr, assignor, by mesne assignments, to Automobile Ventilation, Inc., Detroit, Mich. Vehicle ventilating mechanism. 2,033,776; Mar. 10.
- Miller, Dorr, assignor, by mesne assignments, to Automobile Ventilation, Inc., Detroit, Mich. Vehicle window ventilator. 2,033,777; Mar. 10.
- Miller, Dorr, assignor, by mesne assignments, to Automobile Ventilation, Inc., Detroit, Mich. Ventilator mechanism for vehicle windows. 2,033,778; Mar. 10.
- Miller, Dubrul & Peters Mfg. Co., The. (See Du Brul, C. J., and Luttmann, assignors.)
- Miller, Durando, Pelham Manor, N. Y. Mortar mixer. 2,031,326; Feb. 18.
- Miller, Edward, Columbus, Ohio, assignor to Lynch Corporation, Anderson, Ind. Glass forming machine. 2,062,522; Dec. 1.
- Miller, Edward C. (See Kerr, W. J., and Miller.)
- Miller, Edward J., Springfield, Long Island, N. Y. Suspension attachment for bottle-necked vessels. 2,026,950; Jan. 7.
- Miller, Edward J., Minneapolis, Minn. Acoustical wall surfacing. 2,031,900; Feb. 25.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear shaping machine. 2,034,765; Mar. 24.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear grinding machine. 2,038,665; Apr. 28.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Machine for measuring gears and helical leads. 2,060,518; Nov. 10.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Variable driving mechanism. 2,063,262; Dec. 8.
- Miller, Elliot A., New York, N. Y. Combination storage device. 2,039,823; May 5.
- Miller, Ernest B., assignor, by mesne assignments, to The Davison Chemical Corporation, Baltimore, Md. Adsorber and system. 2,053,159; Sept. 1.
- Miller, Floyd L., Roselle Park, N. J., and A. J. Norway, New York, N. Y., assignors to Standard Oil Development Company. Lubricating composition. 2,066,216; Dec. 29.
- Miller, Francis, Brooklyn, N. Y. One-way elevator system. 2,028,620; Jan. 21.
- Miller, Frank J. (See Miller, Lester, administrator.)
- Miller, Frank R., assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Grillwork. 2,038,306; Apr. 21.
- Miller, Frank R., Cherrydale, Kans., assignor of one-half to Archibald S. McMillan, St. Louis, Mo. Piston head construction. 2,050,360; Aug. 11.
- Miller, Fred. (See Cervenka, W. F., and Miller.)
- Miller, Frederick C. (See Miller, Charles F. and F. C., and Booth.)
- Miller, Frederick E., Cleveland Heights, Ohio. Composition for coloring and waterproofing concrete and the like. 2,047,426; July 14.
- Miller, Frederick H., Portland, Oreg. Vegetable cutter. 2,055,749; Sept. 29.
- Miller, Fredrick A. (See Fortier, B. F., and Miller.)
- Miller, George, Philadelphia, Pa., assignor of one-half to F. W. Keller, Colgate, Md. Automatic air coupler. 2,033,348; Mar. 10.
- Miller, George A., South Gilboa, N. Y. Adjustable partition for cattle stalls. 2,030,755; Feb. 11.
- Miller, George H., assignor to Metal Forms Corporation, Milwaukee, Wis. Road form or rail. 2,055,040; Sept. 22.
- Miller, George J. (See Paulson, George, assignor.)
- Miller, George J., and J. Hurliman, assignors to American Foundation for the Blind, Inc., New York, N. Y. Braille writer. 2,028,516; Jan. 21.
- Miller, George W., Jackson Heights, N. Y., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oil. 2,055,085; Sept. 22.
- Miller, Glenmore, Pontiac, Mich. Self-locking nut washer. 2,063,181; Dec. 8.
- Miller, Gustave, New Haven, Conn. Dictating machine cylinder vacuum cleaner. 2,059,263; Nov. 3.
- Miller, H. H., Industries Company, The. (See Morrow, Clifford, assignor.)
- Miller, Harold S., Quincy, H. E. Goodwin, Belmont, and S. P. Lovell, Newton, assignors to Beckwith Manufacturing Company, Boston, Mass. Box toe. 2,033,727; Mar. 10.
- Miller, Harry G., Denver, Colo. Resurfacing valve seat. 2,052,101; Aug. 25.
- Miller, Henry J., Maplewood, N. J., assignor to Radio Corporation of America. Carbon coated objects and making the same. 2,062,370; Dec. 1.
- Miller, Herbert E. (See Nye, I. W., and Miller.)
- Miller, Herbert E., assignor to Utilities Service Company, Inc., Allentown, Pa. Service entrance fitting. 2,035,331; Mar. 24.
- Miller, Herbert E., assignor to Utilities Service Company, Inc., Allentown, Pa. Insulator clevis. 2,053,729; Sept. 8.
- Miller, Herbert E., assignor to Utilities Service Company, Inc., Allentown, Pa. Guy guard. 2,054,988; Sept. 22.
- Miller, Herbert E., and F. R. Krueger, assignors to Utilities Service Company, Inc., Allentown, Pa. Guy wire protector. 2,055,825; Sept. 29.
- Miller, Herbert S., et al. (See Ahlmark, R. B., and Young, assignors.)
- Miller, Herman P., Jr., East Orange, N. J. Communication and detection system. 2,032,588; Mar. 3.
- Miller, Horace P., Oakland, Calif. Air-cooled piston. 2,058,485; Oct. 27.
- Miller, Howard G., Baldwin, N. Y. Printing advertising on rubber bands. 2,037,254; Apr. 14.
- Miller, Irving, Medford, Oregon, assignor of one-fifth to R. Miller, one-fifth to C. Coffing, Sacramento, and one-fifth to R. E. Sanborn, San Francisco, Calif. Colloidal sulphur and producing the same. 2,046,880; July 7.
- Miller, J. Duane. (See Menees, T. O., and Miller.)
- Miller, James A., Flushing, N. Y. Recording of oscillations on a carrier. 2,034,111; Mar. 17.
- Miller, James A., Forest Hills, N. Y., assignor to United Research Corporation. Electromagnetic translating device. 2,037,255; Apr. 14.
- Miller, James B., Webster Groves, Mo. Method and apparatus for stoking furnaces. 2,056,478; Oct. 6.
- Miller, James R., assignor, by mesne assignments, to Bocil Corporation, Pittsburgh, Pa. Oil purifier. 2,061,666; Nov. 24.
- Miller, Johannes, and F. E. Rebbeck, Belfast, Northern Ireland. Double-acting two-stroke cycle internal combustion engine. 2,049,819; Aug. 4.
- Miller, John A. (See Boax, J. J., and Miller.)
- Miller, John E., Huntington, W. Va. Gas and air mixer. 2,032,548; Mar. 3.
- Miller, John G., and H. C. Buffington, assignors to Baker Manufacturing Company, Springfield, Ill. Disk unit and attachment for road grader moldboards. 2,036,598; Apr. 7.
- Miller, John H., East Orange, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Tube checker. 2,036,347; Apr. 7.
- Miller, John M., Bloomfield, N. J. Conical reel side plate. 2,034,917; Mar. 24.
- Miller, John R., Brewton, Ala. Folding box construction. 2,049,168; July 28.
- Miller, John S., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Railway signaling system. 2,037,256; Apr. 14.
- Miller, Joseph E., Fort Wayne, Ind. Appliance for and method of making concrete structures. 2,040,666; May 12.
- Miller, Joseph H., Houston, Tex. Shipping and dispensing can. 2,065,603; Dec. 29.
- Miller, Julius. (See Markush, E. A., Mayzner, and Miller.)
- Miller, Julius J., St. Joseph, Mich. Container cover fastener. 2,030,069; Feb. 11.
- Miller, Julius J., St. Joseph, Mich. Container cover fastener. 2,032,374; Mar. 3.
- Miller, Kay. (See Trott, R. S., Swennes, and Miller.)
- Miller, Layard D., assignor to Lee-Tex Rubber Products Corporation, Chicago, Ill. Suspension rubber toy. 2,028,797; Jan. 28.
- Miller, Layard D., assignor to Lee-Tex Rubber Products Corporation, Chicago, Ill. Rubber toy. 2,039,918; May 5.
- Miller, Leon F., Cleveland, and R. W. Ellms, Lakewood, Ohio, assignors to The Osborn Manufacturing Company, Cleveland, Ohio. Timing mechanism. 2,065,144; Dec. 22.
- Miller, Leonard C., assignor to Merryweather & Sons Limited, London, England. Production of fire extinguishing foam. 2,045,400; June 23.
- Miller, Lester S., and F. J. Miller, deceased, Verona, N. J., by L. S. Miller, administrator, Verona, N. J. Automatic gear shift. 2,062,523; Dec. 1.
- Miller, Lewis, assignor of one-third to J. Jeisel and one-third to F. L. Legan, Cleveland, Ohio. Safety device for truck trailers. 2,042,352; May 26.
- Miller, Lloyd E., assignor to The Reliance Electric & Engineering Company, Cleveland, Ohio. Automatic tensioning or braking of unwinding rolls, etc. 2,052,788; Sept. 1.
- Miller, Loyal J. (See Gibbs, Jacob F., assignor.)
- Miller, Loyal J. (See Schmocker, Fred C., assignor.)
- Miller, Max B., & Co. (See Tuttle, Malcolm H., assignor.)
- Miller, Max C., Cumberland, R. I. Loop lifting point and producing the same. 2,056,201; Oct. 6.
- Miller, Merton R., Evanston, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Voltage control system. 2,035,613; Mar. 31.
- Miller, Morrow C. (See Cummins, A. B., Badollet, and Miller.)
- Miller, Nicholas. (See Ettinger, W. J., and Miller.)
- Miller, Nicholas, Westchester, Ill. Exposure meter. 2,046,646; July 7.
- Miller, Nils, Atlanta, Ga., assignor to S K F Industries, Inc., Philadelphia, Pa. Mounting bearings on shafts. 2,038,121; Apr. 21.



- Miller, Norman B., New York, N. Y. Packing. 2,041,565; May 19.
- Miller, Oran E., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for copy lenticular film. 2,047,232; July 14.
- Miller, Oscar W., Appleton, Wis. Car-mover. 2,039,919; May 5.
- Miller, Paul S., New York, N. Y., assignor to J. M. Hopwood, Dormont, Pa. Combustion control system. 2,030,386; Feb. 11.
- Miller, Ralph, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Piston ring. 2,052,642; Sept. 1.
- Miller, Ralph A. (See Huck, L. C., Chapman, Morris, and Miller.)
- Miller, Ralph A. (See Huck, L. C., and Miller.)
- Miller, Ralph A., assignor, by mesne assignments, to Huxon Holding Corporation, Detroit, Mich. Rivet. 2,030,167; Feb. 11.
- Miller, Ralph A., Detroit, Mich., assignor to Huxon Holding Corporation. Rivet. 2,030,168; Feb. 11.
- Miller, Ralph K., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,065,604; Dec. 29.
- Miller, Ralph L., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submultiple frequency generator. 2,028,232; Jan. 21.
- Miller, Ralph S., Tremont, Pa. Stoker operating mechanism. 2,055,041; Sept. 22.
- Miller, Ralph W., Glendale, assignor of one-half to W. H. Bullinger, Los Angeles, Calif. Reel seat for fishing rods. 2,027,243; Jan. 7.
- Miller, Ralph W., Barberton, Ohio, assignor to Pittsburgh Plate Glass Company. Material for use in oil refining and making it. 2,052,239; Aug. 25.
- Miller, Raphael M., Paddington, near Sydney, New South Wales, Australia. Cycle chain lubrication device. 2,029,079; Jan. 28.
- Miller, Ray A., assignor to Simplicity Manufacturing Company, Port Washington, Wis. Boring machine. 2,031,173; Feb. 18.
- Miller, Raymond E., Wilkesburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Remote controlled brake. 2,061,916; Nov. 24.
- Miller, Raymond E., Wilkesburg, and P. L. Crittenden, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 2,052,190; Aug. 25.
- Miller, Robert E., Bronxville, N. Y. Furniture leg shoe. 2,030,649; Feb. 11.
- Miller, Robert N., Altoona, Pa. Trolley patrol car. 2,030,650; Feb. 11.
- Miller, Robert N., Altoona, Pa. Supply and control system for boilers and their furnaces. 2,065,285; Dec. 22.
- Miller, Roy E., Pottsville, Pa. Tape cutter. 2,035,180; Mar. 24.
- Miller, Royal, et al. (See Miller, Irving, assignor.)
- Miller, Royal R., Chicago, Ill. Gravity coaster. 2,048,215; July 21.
- Miller, Royal R., assignor of one-half to R. J. Gits, Chicago, Ill. Washing machine drive mechanism. 2,059,264; Nov. 3.
- Miller, Rudolph W., Winona, Minn. Lubricator. 2,043,764; June 9.
- Miller, Samuel, New York, N. Y. Handbag. 2,032,625; Mar. 3.
- Miller, Samuel C., Manhattan, N. Y. High voltage electrode housing. 2,046,960; July 7.
- Miller, Samuel C., New York, N. Y. Electrode construction. 2,064,485; Dec. 15.
- Miller, Samuel C., assignor to Frankfort Distilleries, Incorporated, Louisville, Ky. Whisky package. 2,033,349; Mar. 10.
- Miller, Samuel L., Maywood, Ill. Coin controlled meter. 2,064,677; Dec. 15.
- Miller, Samuel M. D., Detroit, Mich. Pedal attachment. 2,040,866; May 19.
- Miller Sand Pump Company. (See Murray, Charles E., assignor.)
- Miller Seal Company, The. (See Griswold, Howard L., assignor.)
- Miller, Sherman, Schenectady, assignor to American Locomotive Company, New York, N. Y. Retainer for fluids under pressure. 2,058,030; Oct. 20.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Blended pitch product and method of making. 2,030,528; Feb. 11.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Recovery of tar acids from tar. 2,040,096; May 12.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Treatment of hydrocarbon material and apparatus therefor. 2,040,099; May 12.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Treatment of tar. 2,040,100; May 12.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Treatment of tar. 2,040,101; May 12.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Apparatus for saturating absorbent articles. 2,042,676; June 2.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Saturator for absorbent articles. 2,042,677; June 2.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Siding element and making same. 2,047,741; July 14.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Siding element and making same. 2,047,742; July 14.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Treatment of resins. 2,064,487; Dec. 15.
- Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Distillation of tar. 2,040,097; May 12.
- Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Treatment of tar. 2,040,098; May 12.
- Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Impregnating fibrous conduits. 2,042,678; June 2.
- Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Extraction of phenols from phenol-containing liquors. 2,045,607; June 30.
- Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Recovery of phenols from waste and other liquors. 2,045,608; June 30.
- Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Roof covering. 2,048,663; July 21.
- Miller, Stuart P., Tenafly, N. J., assignor to The Barrett Company, New York, N. Y. Heating tar. 2,064,486; Dec. 15.
- Miller, Theodore H., Portland, Oreg. Dovetail cutting machine. 2,056,348; Apr. 7.
- Miller, Theodore H., Poughkeepsie, assignor to The DeLaval Separator Company, New York, N. Y. Centrifugal machine. 2,034,525; Mar. 17.
- Miller, Thomas W., Ashland, assignor to The Faultless Rubber Company, Ashland, Ohio. Syringe set. 2,032,808; Mar. 3.
- Miller, Thomas W., assignor to The Faultless Rubber Company, Ashland, Ohio. Heat exchanging container. 2,043,327; June 9.
- Miller, Thomas W., assignor to The Faultless Rubber Company, Ashland, Ohio. Fountain syringe. 2,044,911; June 23.
- Miller, Thomas W., assignor to The Faultless Rubber Company, Ashland, Ohio. Fountain syringe. 2,044,912; June 23.
- Miller, Thomas W., assignor to The Faultless Rubber Company, Ashland, Ohio. Fluid center article. 2,044,913; June 23.
- Miller, Thomas W., assignor to The Faultless Rubber Company, Ashland, Ohio. Bottle stopper. 2,044,914; June 23.
- Miller, Viridis. (See Humberstone, J. H., and Miller.)
- Miller, Viridis, and J. H. Humberstone, Schenectady, N. Y., assignors to General Electric Company. Welding electrode. 2,060,681; Nov. 10.
- Miller, Viridis, and J. H. Humberstone, Schenectady, N. Y., assignors to General Electric Company. Welding electrode. 2,060,682; Nov. 10.
- Miller, Walter, assignor to Continental Oil Company, Ponca City, Okla. Removing corrosive substances from hydrocarbons. 2,041,364; May 19.
- Miller, Walter P., Company. (See Wilkins, John, assignor.)
- Miller, Walter P., Company. (See Wilkins, J., and Wyker, assignors.)
- Miller, Wells W., et al. (See Berger, Paul, assignor.)
- Miller, Wilber B., Flushing, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Arc welding electrode. 2,063,182; Dec. 8.
- Miller, William, Kansas City, Kans., C. R. Vann, Kansas City, Mo., and F. G. Smersal, Kansas City, Kans. Slime-crushing machine. 2,035,332; Mar. 24.
- Miller, William A., Monterey Park, assignor of one-half to W. H. Crawford, Alhambra, Calif. Can pouring appliance. 2,056,530; Oct. 6.
- Miller, William C., assignor to Diebold Safe & Lock Co., Canton, Ohio. Delayed control time lock. 2,029,272; Jan. 28.
- Miller, William C., Canton, Ohio, assignor to Diebold Safe & Lock Company. Safe or money chest. 2,039,018; Apr. 28.
- Miller, William C., assignor to Diebold Safe & Lock Company, Canton, Ohio. Delayed control time lock. 2,062,066; Nov. 24.
- Miller, William C., assignor to Diebold Safe & Lock Co., Canton, Ohio. Protective device for safes. 2,062,067; Nov. 24.
- Miller, William C., and P. M. Hawkins, assignors to Diebold Safe & Lock Co., Canton, Ohio. Delayed control time-lock. 2,036,767; Apr. 7.
- Miller, William C., and P. M. Hawkins, assignors to Diebold Safe & Lock Co., Canton, Ohio. Delayed control time-lock guard. 2,039,019; Apr. 28.
- Miller, William C., and C. W. Kuenzel, assignors to Diebold Safe & Lock Company, Canton, Ohio. Delayed control time lock. 2,065,867; Dec. 29.
- Miller, William J., Swissvale, Pa. Method of and apparatus for producing pottery ware. 2,046,525; July 7.



- Miller, William R., Passaic, N. J., assignor to R. F. Van Seggern, Maplewood, N. J. Heating unit. 2,031,498; Feb. 18.
- Miller, William T. (See Fulmer, D. B., and Miller.)
- Miller, William W., Berwyn, assignor to General Outdoor Advertising Co., Inc., Chicago, Ill. Advertising device. 2,045,864; June 30.
- Miller, Willis H., Shawano, Wis. Hydraulic dredge apparatus. 2,052,481; Aug. 25.
- Millermaster, Ralph A. (See Meuer, G. J., and Miller-master.)
- Millet, Erwin L. (See Brin, Morris, assignor.)
- Millett Corporation. (See Millett, John E., assignor.)
- Millett, John E., assignor to Millett Corporation, Gilman, Vt. Artificial reed making machine. 2,061,286; Nov. 17.
- Millie Patent Holding Co. (See Irmischer, Hans, assignor.)
- Millie Patent Holding Co. Inc. (See Hirsch, S., and Irmischer, assignors.)
- Milligan, John F., Ridgefield Park, N. J., assignor, by mesne assignments, to Sweeper Products Co. Carpet sweeper. 2,050,361; Aug. 11.
- Milligan, Walter, assignor to The Kawneer Company, Niles, Mich. Bending tubing. 2,041,428; May 19.
- Millikan, Clark B. (See Allen, E. T., Klein, Millikan, and Northrop.)
- Millinger, August, Louisville, Ky. Adjustable locking, holding, and tightening device. 2,027,113; Jan. 7.
- Millner, Theodor. (See Brody, E., and Millner.)
- Millott, Arthur T., Euclid, Ohio, assignor to General Electric Company. Refrigerated store window. 2,050,063; Aug. 4.
- Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Manual and record controlled machine. 2,046,082; June 30.
- Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,053,243; Sept. 1.
- Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Plugboard for tabulating machines. 2,056,361; Oct. 6.
- Mills, Alfred H., Balmorhea, Tex. Churn. 2,035,333; Mar. 24.
- Mills Alloys, Inc. (See Marvin, Orrin F., assignor.)
- Mills Alloys Inc. (See Mills, Oscar L., assignor.)
- Mills, Bert E., Seattle, Wash., assignor of forty per cent to M. E. Jepson, Reno, Nev. Collapsible tube closure. 2,032,883; Mar. 3.
- Mills, Bert E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Coin-controlled weighing and ticket printing scale. 2,039,020; Apr. 28.
- Mills, Bert E., Chicago, Ill., assignor to Mills Novelty Co., Chicago, Ill. Selective vending machine. 2,064,843; Dec. 22.
- Mills, Bert E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Device for controlling coin-operated machines. 2,065,193; Dec. 22.
- Mills, Claude B., Port Clinton, Ohio, assignor to United States Gypsum Company, Chicago, Ill. Plastic board forming device. 2,035,495; Mar. 31.
- Mills Company, The. (See Koenig, Elmer E., assignor.)
- Mills, Fred L., Oak Park, Ill., assignor to Mills Novelty Company, Chicago, Ill. Coin controlled printing and vending scale. 2,038,802; Apr. 28.
- Mills, Fred L., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Register device for game apparatus. 2,057,651; Oct. 13.
- Mills, George, Gordon, near Sydney, New South Wales, Australia. Gas pressure regulator. 2,031,174; Feb. 18.
- Mills, George E., Brighton, Mass. Combination lock. 2,029,080; Jan. 28.
- Mills, Harold N. (See Pettett, L. J., Brown, and Mills.)
- Mills, Harold O., Jackson, Mich. Garment hanger. 2,050,537; Aug. 11.
- Mills, Harry A., Grand Rapids, Mich. Railroad car truck and brake construction. 2,053,098; Sept. 1.
- Mills, Herbert E., Piqua, assignor, by mesne assignments, to The Estate Stove Company, Hamilton, Ohio. Drawer type broiler. 2,047,979; July 21.
- Mills, Hubert E. (See Perkins, E. H., and Mills.)
- Mills, James S., Artesia, N. Mex. Radiator support. 2,049,714; Aug. 4.
- Mills, John, assignor, by mesne assignments, to The Crown Cork and Seal Company, Inc., New York, N. Y. Apparatus for food processing. 2,054,092; Sept. 15.
- Mills, John, assignor, by mesne assignments, to The Crown Cork and Seal Company, Inc., New York, N. Y. Apparatus for canning foodstuffs. 2,054,093; Sept. 15.
- Mills, Lawrence C., Chicago, Ill. Pneumatic tire. 2,052,416; Aug. 25.
- Mills, Lindley E., assignor to The Dow Chemical Company, Midland, Mich. Alkaline earth metal salts of 2,4,5-trichlorophenol. 2,039,434; May 5.
- Mills, Lindley E., assignor to The Dow Chemical Company, Midland, Mich. Insecticide. 2,044,010; June 16.
- Mills, Lindley E., assignor to The Dow Chemical Company, Midland, Mich. Insecticide. 2,046,961; July 7.
- Mills, Lindley E., and B. L. Fayerweather, assignors to The Dow Chemical Company, Midland, Mich. Mono-cyclohexyl-1,2-dehydroxybenzenes. 2,044,318; June 16.
- Mills, Louis D., and T. B. Crowe, Palo Alto, assignors to The Merrill Company, San Francisco, Calif. Precipitation of cyanide solutions. 2,039,656; May 5.
- Mills Novelty Co. (See Mills, Bert E., assignor.)
- Mills Novelty Company. (See Mills, Fred L., assignor.)
- Mills Novelty Company. (See Trask, Allen, assignor.)
- Mills, Oscar L., assignor to Mills Alloys Inc., Los Angeles, Calif. Making tungsten carbide product. 2,057,786; Oct. 20.
- Mills, Percy E., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone coin collector. 2,029,113; Jan. 28.
- Mills, Percy E., Towaco, N. J., and O. A. Shann, Bayside, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collector. 2,037,174; Apr. 14.
- Mills, Percy E., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collector apparatus. 2,049,170; July 28.
- Mills, Robert K., Sherwood, Nottingham, England. Production of knitted fabric. 2,056,686; Oct. 6.
- Mills, Rufus A., assignor to R. E. Roberts, trading as Lord-Mott Company, Baltimore, Md. Bean slicing machine. 2,065,239; Dec. 22.
- Mills, Thomas J., C. G. Quick, and D. A. Ball, London, England, assignors, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Inking mechanism for use in printing machines. 2,039,435; May 5.
- Mills, Wallace C., assignor to J. L. Clark Manufacturing Co., Rockford, Ill. Metallic container. 2,044,093; June 16.
- Millsbaugh, Clark W. (See Wilson, J. S., Millsbaugh, and Overmire.)
- Millville Manufacturing Company, The. (See Skedgell, David E., assignor.)
- Milmoe, Michael J., assignor to F. B. Redington Company, Chicago, Ill. Razor blade packaging machine. 2,029,933; Feb. 4.
- Milmoe, Michael J., assignor to F. B. Redington Co., Chicago, Ill. Gum wrapping machine. 2,029,934; Feb. 4.
- Milmoe, Michael J., assignor to F. B. Redington Co., Chicago, Ill. Carton feeding mechanism. 2,029,935; Feb. 4.
- Milmoe, Michael J., assignor to F. B. Redington Co., Chicago, Ill. Bottle wrapping machine. 2,037,139; Apr. 14.
- Milmoe, Michael J., Glen Ellyn, assignor to F. B. Redington Co., Chicago, Ill. Circular feeding mechanism. 2,042,269; May 26.
- Milne, William, Barre, Vt. Stone saw. 2,029,114; Jan. 28.
- Milner, Emanuel J., Los Angeles, Calif. Forming arch supports. 2,052,787; Sept. 1.
- Milner, Henry K., Birmingham, Ala. Bale tie buckle. 2,034,523; Mar. 17.
- Milo Folding Box Corporation. (See Smith, Myron H., assignor.)
- Milone, Samuel, Camden, N. J., assignor of thirty-one and one-fourth per cent to F. R. Cawl, Rosemont, Pa., and thirty-one and one-fourth per cent to B. Weiss, Philadelphia, Pa. Match package. 2,032,948; Mar. 3.
- Milstead, Jacob. (See Stutz, A., and Milstead.)
- Milwaukee Gas Specialty Company. (See Jedeka, Lloyd W., assignor.)
- Milwaukee Gas Specialty Company. (See Leins, Oscar J., assignor.)
- Milwaukee Gas Specialty Company. (See Leins, O. J., and Toelle, assignors.)
- Milwaukee Gas Specialty Company. (See Mantz, Harold A., assignor.)
- Milwaukee Gas Specialty Company. (See Wantz, Clarence, assignor.)
- Milwaukee Lace Paper Company. (See Graffenberger, Fredrick, assignor.)
- Milwaukee Reliance Boiler Works. (See Sharp, Richard A., assignor.)
- Milwaukee Tanning Company. (See Knoernschild, William C. and N. W.)
- Milwaukee Valve Company. (See Kriege, George, assignor.)
- Mims, Charles N., Paris, France. Manufacture of pads or sheets composed of fibers of kapok or the like materials. 2,046,083; June 30.
- Mims, James R., Luray, Va. Door ventilator. 2,050,362; Aug. 11.
- Min, Frank K., Paia, Maui, Hawaii. Water skate. 2,052,240; Aug. 25.
- Minahan, James L., San Antonio, Tex. Controlling wells. 2,026,844; Jan. 7.
- Minch, Nelson R., Woodstock, Vt., assignor of forty-nine one-hundredths to G. B. Upham, Claremont, N. H. Double jaw vice. 2,062,326; Dec. 1.
- Minchew, Thomas H., Detroit, Mich. Vernier caliper. 2,059,740; Nov. 3.
- Minear, Thomas D., Los Angeles, Calif. Shock absorber. 2,038,948; Apr. 28.
- Mineard, Gerald E. (See Williams, P. S., and Mineard.)
- Miner, George H., Los Angeles, Calif., assignor, by mesne assignments, to Consolidated Patents Corporation, Chicago, Ill. Game apparatus. 2,064,025; Dec. 15.
- Miner, Robert G., assignor to The Trane Company, La Crosse, Wis. Valve. 2,027,190; Jan. 7.
- Miner, Robert G., Jr., Toledo, Ohio, assignor, by mesne assignments, to Moto Meter Gauge & Equipment Corporation. Pressure indicator. 2,050,113; Aug. 4.
- Miner, W. H., Inc. (See Dath, Charles E., assignor.)
- Miner, W. H., Inc. (See Dwyer, William M., assignor.)
- Miner, W. H., Inc. (See Fuchs, Henry, assignor.)
- Miner, W. H., Inc. (See Haseltine, Stacy B., assignor.)
- Miner, W. H., Inc. (See Lindeman, James E., assignor.)
- Miner, W. H., Inc. (See Link, John H., assignor.)



- Miner, W. H., Inc. (See Lounsbury, H. J., and J. H. Link, assignors.)
- Miner, W. H., Inc. (See Olander, Roland J., assignor.)
- Minerals Separation North American Corporation. (See Keller, Cornelius H., assignor.)
- Minerals Separation North American Corporation. (See Mayer, L. L., and Hale, assignors.)
- Minerals Separation North American Corporation. (See Tucker, Stanley, assignor.)
- Minery, Stephan A. (See Kunz, F., and Minery.)
- Mine Safety Appliances Company. (See Dym, Joseph B., assignor.)
- Minett, Wilfrid T. (See Barclay, W. R., Woodcock, and Minett.)
- Minevitch, Borrah, New York, N. Y. Musical instrument. 2,035,243; Mar. 24.
- Minger, Forest R. (See Grebe, J. J., Stoesser, and Minger.)
- Mingus, Fred B., and W. R. Meyer, Oshkosh, Wis. Automatic backwater valve. 2,062,423; Dec. 1.
- Minich, Verne E., Mishawaka, Ind. Abrasive throwing wheel. 2,049,466; Aug. 4.
- Minimax A.-G. (See Hoffmann, Curt, assignor.)
- Mining Engineering Company Limited, The. (See Moore, Matthew S., assignor.)
- Mining Engineering Company Limited, The. (See Nyborg, Tage G., assignor.)
- Minio, Steve, Carteret, N. J. Ship raising rigging. 2,058,708; Oct. 27.
- Minister, George C., Columbus, Ohio. Finger ring. 2,035,562; Mar. 31.
- Mink, Charles F., Larchmont, N. Y. Hinge for recessed doors. 2,058,341; Oct. 20.
- Minkow, Julius M., New York, N. Y. Safety guard for box ending machines. 2,030,604; Feb. 11.
- Minkow, Julius M., assignor to R. Minkow, New York, N. Y. Combined measuring gauge and feed controlling mechanism. 2,032,710; Mar. 3.
- Minkow, Julius M., assignor to Robert Minkow, New York, N. Y. Gluing machine. 2,053,730; Sept. 8.
- Minkow, Robert. (See Minkow, Julius M., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Branche, Nelson T., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Brownell, J. R., and Little, assignors.)
- Minneapolis-Honeywell Regulator Company. (See Burton, Warren D., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Cunningham, Lewis L., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Fillo, Francis B., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Fisher, George H., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Gille, Willis H., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Grant, Arthur C., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Kingsland, George D., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Kriebbaum, John P., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Kronmiller, Carl G., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Locke, James S., assignor.)
- Minneapolis-Honeywell Regulator Company. (See McNicoll, Andrew G., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Midyette, John T., Jr., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Persons, Lawrence M., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Shipley, Sylvanus C., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Shivers, Paul F., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Taylor, Daniel G., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Uehling, Fritz F., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Wattles, Joseph W., 3d, assignor.)
- Minneapolis Linen Supply Company. (See Probst, Frederick B., assignor.)
- Minneapolis-Moline Power Implement Company. (See Keith, K. M., and Parks, assignors.)
- Minneapolis-Moline Power Implement Company. (See Korsmo, Alfred, assignor.)
- Minnesota Mining and Manufacturing Company. (See Carlton, Richard P., assignor.)
- Minnesota Mining & Manufacturing Company. (See Countryman, Beverly B., assignor.)
- Minnium, Byron B., assignor to Erie Resistor Corporation, Erie, Pa. Resistor unit. 2,046,922; July 7.
- Minnium, Byron B., and L. Berry, assignors to Erie Resistor Corporation, Erie, Pa. Producing resistors. 2,052,839; Sept. 1.
- Minos, Steve, Lorain, and W. Sederis, said Sederis assignor of his right to National Twelve-In-One Device, Inc., Elyria, Ohio. Boot and shoe sole trimmer. 2,036,349; Apr. 7.
- Minott, Daniel L., assignor of one-half to R. F. Tuggle, and one-half to H. R. Biersdorf, Portland, Oreg. Automotive body and frame. 2,029,735; Feb. 4.
- Minshall, Robert J., Seattle, and R. L. Cram, Seahurst Park, assignors to Boeing Airplane Company, Seattle, Wash. Trimming and balancing flap for aircraft. 2,045,667; June 30.
- Minter, Clarke C., Beacon, N. Y. Internal combustion engine. 2,057,340; Oct. 13.
- Minter, Joe C. (See Hardcastle, W. A., and Minter.)
- Mintrup, Harry F., Oak Park, Ill. Display device. 2,053,040; Sept. 1.
- Mintz, Joseph A., Cleveland, Ohio. Key cutting and duplicating machine. 2,038,949; Apr. 28.
- Miotke, John E. (See Muschinske, J. J., and Miotke.)
- Miquel y Costas & Miquel S. A. (See Puig, Jose, assignor.)
- Miranda, Francisco Q., Cordoba, Argentina. Mute for stringed musical instruments. 2,030,220; Feb. 11.
- Mire, Richard E., New Iberia, La. Bin. 2,052,934; Sept. 1.
- Mirenta, August, Tacoma, Wash. Arch support and bun-ion protector. 2,027,055; Jan. 7.
- Mirfield, George E., Youngstown, Ohio, assignor, by mesne assignments, to Direct Current Welding Company. Machine for welding tubular articles. 2,037,916; Apr. 21.
- Mirick, Carlos B. (See Hyland, L. A., and Mirick.)
- Miron, Philippe, St. Boniface, Manitoba, Canada. Spark plug. 2,049,130; July 28.
- Miscall, Jack, Rutherford, N. J., assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Producing bituminous dispersions. 2,053,099; Sept. 1.
- Mischler, William N., Scotia, N. Y., assignor to General Electric Company. Thermostat. 2,041,566; May 19.
- Misfeldt, Clarence E., Milwaukee, Wis. Container. 2,051,736; Aug. 18.
- Mishawaga Rubber and Woolen Manufacturing Company. (See Hunt, Ray R., assignor.)
- Mishawaka Rubber and Woolen Manufacturing Company. (See Blair, G. W., and Schott, assignors.)
- Mishawaka Rubber and Woolen Manufacturing Company. (See Hunt, Ray R., assignor.)
- Mishcon, Samuel. (See Agulnek, Harry, assignor.)
- Mishcon, Samuel, Brooklyn, N. Y. Multiple circuit breaking device for knitting machines. 2,055,610; Sept. 29.
- Mishima, Tokushichi, Ochiai-machi, Toyotama-gori, Tokyo, Japan. Magnet steel containing nickel and aluminum. 2,027,994; Jan. 14.
- Mishima, Tokushichi, Ochiai-machi, Toyotama-gori, Tokyo, Japan. Strong permanent magnet with tungsten, molybdenum, or chromium. 2,027,995; Jan. 14.
- Mishima, Tokushichi, Ochiai-machi, Toyotama-gori, Tokyo, Japan. Strong permanent magnet with cobalt. 2,027,996; Jan. 14.
- Mishima, Tokushichi, Yodobashi-ku, Tokyo, Japan. Permanent magnet containing copper. 2,027,997; Jan. 14.
- Mishima, Tokushichi, Yodobashi-ku, Tokyo, Japan. Permanent magnet containing nickel, aluminum, cobalt, and chromium. 2,027,998; Jan. 14.
- Mishima, Tokushichi, Yodobashi-ku, Tokyo, Japan. Permanent magnet containing nickel, aluminum, and manganese. 2,027,999; Jan. 14.
- Mishima, Tokushichi, Yodobashi-ku, Tokyo, Japan. Permanent magnet containing nickel, aluminum, and vanadium. 2,028,000; Jan. 14.
- Mislak, John, Jr., assignor of one-third to L. Z. Peck, Chicago, Ill. Speed-change power transmission. 2,042,235; May 26.
- Miskella, William J., Oak Park, assignor to Mid-State Gummed Paper Co., Chicago, Ill. Basket liner or the like. 2,033,728; Mar. 10.
- Mislowitzer, Ernst, Berlin, Germany. Device for dispatching swabs, blood samples, and the like for bacteriological and diagnostic purposes. 2,034,986; Mar. 24.
- Misner, Edgar D., Detroit, Mich., assignor to Lovell Manufacturing Company, Erie, Pa. Clothes wringer. 2,050,013; Aug. 4.
- Missbach, Edmund C., Berkeley, Calif., assignor to Stauffer Chemical Company. Preservation of chlorinated hydrocarbons. 2,043,257; June 9.
- Missbach, Edmund C., Oakland, Calif., assignor to Stauffer Chemical Company. Stabilized carbon tetrachloride. 2,043,258; June 9.
- Missbach, Edmund C., Oakland, Calif., assignor to Stauffer Chemical Company. Stabilized carbon tetrachloride. 2,043,259; June 9.
- Missbach, Edmund C., Oakland, Calif., assignor to Stauffer Chemical Company. Stabilized carbon tetrachloride. 2,043,260; June 9.
- Missiaen, George, Bellingham, Wash. Pie loosener, cutter, and remover. 2,063,327; Dec. 8.
- Mississippi Glass Company. (See Sharp, D. E., and Bailey, assignors.)
- Misz, Oliver B., New Orleans, La. Caisson belt apparatus and method. 2,050,727; Aug. 11.
- Mitchel, Edward W., Detroit, Mich. Spark plug. 2,054,134; Sept. 15.
- Mitchell, Albert and O., assignors to Mitchell Manufacturing Co., Fort Smith, Ark. Air-cooled seat cushion. 2,051,494; Aug. 18.
- Mitchell, Allister S., assignor to National Automotive Fibres, Inc., Detroit, Mich. Upholstery making apparatus. 2,045,363; June 23.
- Mitchell, Allister S., assignor to National Automotive Fibres, Inc., Detroit, Mich. Panel upholstering machine and method. 2,049,970; Aug. 4.
- Mitchell, Allister S., assignor to National Automotive Fibres, Inc., Detroit, Mich. Stuffed plaited upholstery and manufacture. 2,065,388; Dec. 22.



- Mitchell, Archibald G. (See Clark, K., and Mitchell.)
- Mitchell, August, New York, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Lipstick holder. 2,057,260; Oct. 13.
- Mitchell, August, New York, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Lipstick holder. 2,064,555; Dec. 15.
- Mitchell, August, New York, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity case. 2,064,844; Dec. 22.
- Mitchell Brothers, Inc. (See Goodman, Lillian, assignor.)
- Mitchell Camera Corporation. (See Mitchell, George A., assignor.)
- Mitchell, Charles B., San Antonio, Tex. Air retaining means for refrigerators. 2,041,258; May 19.
- Mitchell, Clarence E., Long Beach, Calif. Bilge block jack. 2,061,038; Nov. 17.
- Mitchell, Clyde D., and O. A. Rieman, St. Louis, Mo. Gaseous electric sign. 2,064,442; Dec. 15.
- Mitchell, Courtney N., Strongsville, Ohio. Drainage receptacle. 2,030,708; Feb. 11.
- Mitchell, Courtney N., Strongsville, Ohio. Apparatus for electric welding. 2,034,411; Mar. 17.
- Mitchell, Courtney N., Berea, Ohio, assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,038,587; Apr. 28.
- Mitchell, Courtney N., Berea, Ohio, assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic check. 2,038,588; Apr. 28.
- Mitchell, Curtis P., assignor The Palmer Company, Cincinnati, Ohio. Electrical reproducing device. 2,036,091; Mar. 31.
- Mitchell, Donald H., Chicago, Ill. Shootree. 2,039,021; Apr. 28.
- Mitchell, Donald H., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Automobile radio receiver. 2,047,151; July 7.
- Mitchell, Donald H., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Automobile radio cable. 2,047,152; July 7.
- Mitchell, Donald H., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Automobile radio receiver. 2,047,153; July 7.
- Mitchell, Doren. (See Abraham, L. G., and Mitchell.)
- Mitchell, Doren. (See Wright, S. B., and Mitchell.)
- Mitchell, Doren, Bound Brook, N. J., assignor to American Telephone and Telegraph Company. Signaling system. 2,026,696; Jan. 7.
- Mitchell, Doren, Bound Brook, N. J., assignor to American Telephone and Telegraph Company. Signaling system. 2,043,417; June 9.
- Mitchell, Earle A. (See Moody, C. F., and Mitchell.)
- Mitchell, Elmer C., Chicago, Ill. Toy machine gun. 2,031,842; Feb. 25.
- Mitchell, Franklin and J. G. Booton, U. S. Army, Philadelphia, Pa. Testing apparatus. 2,033,144; Mar. 10.
- Mitchell, George A., Beverly Hills, assignor to Mitchell Camera Corporation, West Hollywood, Calif. Operating means for four-way view finder mats. 2,058,813; Oct. 27.
- Mitchell, Gerald J., assignor to Mitchell Patents Corporation, Chicago, Ill. Cleaning device. 2,032,762; Mar. 3.
- Mitchell, Harold, Winnipeg, Manitoba, Canada. Apparatus for controlling the charge of storage batteries. 2,060,743; Nov. 10.
- Mitchell, Ivan J., Orlando, Fla. Pivot saw. 2,033,846; Mar. 10.
- Mitchell, James W., Kenmore, assignor to Du Pont Rayon Company, New York, N. Y. Humidification. 2,045,717; June 30.
- Mitchell, John. (See Moore, R. A., and Mitchell.)
- Mitchell, John E., Dallas, Tex. Cotton gin. 2,036,067; Mar. 31.
- Mitchell, John E., Marion, Va. Combined burial casket and grave vault. 2,044,439; June 16.
- Mitchell, John H. (See Elmick, Gillie R., assignor.)
- Mitchell, John H. (See Fairbrother, J. A. V., and Mitchell.)
- Mitchell, John H., Rugby, England, assignor to General Electric Company. Electric gaseous discharge device. 2,056,613; Oct. 6.
- Mitchell, John K., Bryn Mawr, Pa. Game table. 2,029,433; Feb. 4.
- Mitchell, John K., Bryn Mawr, Pa. Table construction. 2,029,434; Feb. 4.
- Mitchell, Lewis S. (See Beltz, J. S., and Mitchell.)
- Mitchell, Malcolm E., P. F. Mortensen, and H. W. Fowler, Oakland, Calif.; said Mitchell assignor to said Mortensen and said Fowler. Coupling. 2,044,252; June 16.
- Mitchell Manufacturing Co. (See Mitchell, Albert and O., assignors.)
- Mitchell, Melville J., Moline, Ill., assignor to International Harvester Company. Shield for toothed separator elements. 2,028,344; Jan. 21.
- Mitchell, Newell W. (See Crampton, D. K., and Mitchell.)
- Mitchell, Otto. (See Mitchell, Albert and O.)
- Mitchell Patents Corporation. (See Mitchell, Gerald J., assignor.)
- Mitchell, Ralph A., Edgeworth, and F. G. Tuerk, Coraopolis, Pa., assignors to Pittsburgh Forgings Company. Irregular bending apparatus. 2,041,365; May 19.
- Mitchell, Ralph A., Edgeworth, Pa., assignor to The Cleveland Tractor Company. Truing die and method. 2,066,186; Dec. 29.
- Mitchell, Robert, Detroit, Mich. Cross-word puzzle. 2,050,498; Aug. 11.
- Mitchell, Robert C., Guilford, Conn. Bottle cap remover. 2,058,902; Oct. 27.
- Mitchell, Robert E., Seattle, Wash. Expansion joint filler, shear bar and sleeve alignment device. 2,031,901; Feb. 25.
- Mitchell, Robert W., Westmount, Quebec, Canada. Composite pipe and like structure. 2,031,057; Feb. 18.
- Mitchell, Rollie H. (See Sjogren, O. W., Mitchell, Vaughn, and Skinn.)
- Mitchell Specialty Company. (See Moore, Clarence W., assignor.)
- Mitchell Specialty Company. (See Seitz, J. J., and Williams, assignors.)
- Mitchell, Thomas A., assignor to Hughes-Mitchell Processes, Incorporated, Denver, Colo. Treating a zinc bearing ore material. 2,039,331; May 5.
- Mitchell, Thomas A., assignor to Hughes-Mitchell Processes, Incorporated, Denver, Colo. Chloridizing ore materials. 2,045,092; June 23.
- Mitchell, Thomas A., assignor to Hughes-Mitchell Processes, Incorporated, Denver, Colo. Apparatus for treating granular material with a reagent gas. 2,051,962; Aug. 25.
- Mitchell, Thomas A., assignor to Hughes-Mitchell Processes, Incorporated, Denver, Colo. Treating lead sulphide ores. 2,054,226; Sept. 15.
- Mitchell, Thomas A., and R. L. Sessions, assignors, by mesne assignments, to Hughes-Mitchell Processes Incorporated, Denver, Colo. Making zinc sulphide. 2,028,162; Jan. 21.
- Mitchell, Thomas A., Inglewood, and R. L. Sessions, Los Angeles, Calif., assignors, by mesne assignments, to Hughes-Mitchell Processes, Incorporated, Denver, Colo. Making sodium and zinc sulphides. 2,030,887; Feb. 18.
- Mitchell, Thomas A., and R. L. Sessions, assignors, by mesne assignments, to Hughes-Mitchell Processes, Incorporated, Denver, Colo. Zinc sulphide and making the same. 2,038,589; Apr. 28.
- Mitchell, Thomas A., and R. L. Sessions, assignors to Hughes-Mitchell Processes, Incorporated, Denver, Colo. Zinc sulphide pigments and making the same. 2,038,590; Apr. 28.
- Mitchell, Thomas A., and R. L. Sessions, assignors, by mesne assignments, to Hughes-Mitchell Processes Incorporated, Denver, Colo. Treating zinc bearing ores and recovering zinc oxide therefrom. 2,040,867; May 19.
- Mitchell, Thomas A., and R. L. Sessions, assignors, by mesne assignments, to Hughes-Mitchell Processes Incorporated, Denver, Colo. Conditioning barium sulphide and making sodium and zinc sulphides therewith. 2,050,802; Aug. 11.
- Mitchell, Wellington M., Millersburg, Ohio. Egg gathering bucket. 2,060,468; Nov. 10.
- Mitchell, William E., et al. (See Prusso, R. E., and Gaddy, assignors.)
- Mitchell, William J., San Francisco, Calif., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Rotary face bit. 2,046,400; July 7.
- Mitchell, William J., San Francisco, Calif., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Rotary drilling bit. 2,053,801; Sept. 8.
- Mittag, Albert H., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system and excitation apparatus therefor. 2,034,524; Mar. 17.
- Mittelhammer, Max. (See Hirsch, L. A., and Mittelhammer.)
- Mittelman, Reuben, assignor to The Auburn Leather Goods Company, Hartford, Conn. Packing. 2,062,186; Nov. 24.
- Mittendorf, William R., assignor to The E. H. Bardes Range & Foundry Company, Cincinnati, Ohio. Stoker. 2,033,890; Mar. 10.
- Mix, Edwin S. (See Anderson, H. G., and Mix, assignors.)
- Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Necktie holder. 2,030,756; Feb. 11.
- Mix, Edwin S., assignor to Hickok Manufacturing Co., Inc., Rochester, N. Y. Wrist watch adapter. 2,035,976; Mar. 31.
- Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Necktie holder. 2,037,864; Apr. 21.
- Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Necktie holder. 2,039,022; Apr. 28.
- Mix, Edwin S., assignor to Hickok Manufacturing Company, Rochester, N. Y. Character bearing article. 2,040,012; May 5.
- Mix & Genest Aktiengesellschaft. (See Beckmann, Carl, assignor.)
- Mixer, Harold P., Floral Park, assignor to Remington Rand Inc., Buffalo, N. Y. Supporting and locking means for printing interpreters. 2,027,923; Jan. 14.
- Mixer, Harold P., Floral Park, assignor to Remington Rand Inc., Buffalo, N. Y. Interpreting and printing device. 2,034,112; Mar. 17.
- Mixing Equipment Company. (See Craddock, Frederick L., assignor.)
- Miyamoto, Itaru, Shimokamo, Kyoto, assignor to Sumitomo Electric Wire & Cable Works Limited, Asaka, Japan. System measuring small mutual inductances. 2,058,486; Oct. 27.



- Miyashita, Yoshiro, Seattle, Wash. Stool and auxiliary pedal for pianos. 2,030,929; Feb. 18.
- Mize, Lloyd. (See Elkins, Elmer C., assignor.)
- Mjelva, Ingvald, Seattle, Wash. Securing device for tie-knots. 2,033,531; Mar. 10.
- Mlaganovich, Martin, et al. (See Kramer, Arthur P., assignor.)
- Mnookin, Nathan M., Kansas City, Mo. Production of aliphatic polyamines. 2,049,467; Aug. 4.
- Mnookin, Nathan M., Kansas City, Mo., assignor, by mesne assignments, to Synthetic Products, Inc. Production of glycols. 2,056,976; Oct. 13.
- Moatz, Daniel R. (See Walker, C. L., Moatz, and Allen.)
- Mobley, William R., Miami, Fla. Vacuum seal. 2,037,731; Apr. 21.
- Mock, Frank C., East Orange, N. J., assignor to Bendix Stromberg Carburetor Company, South Bend, Ind. Choke valve for carburetors. 2,051,881; Aug. 25.
- Mock, Frank C., assignor to Bendix Research Corporation, East Orange, N. J. Internal combustion engine. 2,058,487; Oct. 27.
- Mock, Hugo, New York, N. Y. Combination grid and cover for ice trays. 2,031,276; Feb. 18.
- Mock, James C., Detroit, Mich. Wheeled vehicle. 2,032,219; Feb. 25.
- Mock, Judson, Voehringer Co. Inc., et al. (See Grosse, William M., assignor.)
- Mock, Judson, Voehringer Co. Inc. et al. (See Koebberling, O., Zwicky, and Hunt, assignors.)
- Mockly, Edward G., Milwaukee, Wis. Tuning pin construction. 2,065,342; Dec. 22.
- Model Brassiere Co. (See McKeefrey, Elvira C., assignor.)
- Model Brassiere Co. (See Schoebel, Henry, assignor.)
- Model Brassiere Corporation. (See McKeefrey, Elvira C., assignor.)
- Moderau, Herman, Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Sash construction. 2,057,730; Oct. 20.
- Modern Food Process Company. (See Vogt, Charles H., assignor.)
- Modern Tool & Die Co. (See Hoffman, Louis F., assignor.)
- Modess Corporation, The. (See Gaines, Eugene F., assignor.)
- Modica, Roy, assignor of one-third to R. C. Andolfo, Brooklyn, N. Y. Pocket nose and throat atomizer. 2,034,113; Mar. 17.
- Modine, Arthur B., Racine, Wis. Smoking pipe. 2,040,704; May 12.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Radiator core. 2,032,065; Feb. 25.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Heating and ventilating apparatus. 2,045,044; June 23.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Fireplace heater. 2,052,643; Sept. 1.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Heat exchange device. 2,055,549; Sept. 29.
- Modine Manufacturing Company. (See Modine, Arthur B., assignor.)
- Modine Manufacturing Company. (See Perkins, C. T., and Spieth, assignors.)
- Modisette, James O. (See Weller, Frank F., assignor.)
- Modrell, Arthur E., Dearborn, Mo. Baling press. 2,034,953; Mar. 24.
- Moe, Andrew S., Austin, Minn. Dispensing device. 2,059,135; Oct. 27.
- Moehler, Otto J., Newark, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Ultraviolet sterilizer. 2,056,614; Oct. 6.
- Moeller, George J., assignor to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Piston skirt expander. 2,027,872; Jan. 14.
- Moeller, Harry A., Bexley, assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Railway car truck. 2,037,336; Apr. 14.
- Moeller, Otto, Brooklyn, N. Y., assignor to The Standard Stoker Company, Incorporated. Stoker conveyer. 2,059,705; Nov. 3.
- Moeller, Otto, Glendale, N. Y., and P. A. Ketchpel, West Englewood, N. J., assignors to The Standard Stoker Company, Incorporated. Combined stoker and fire door. 2,051,882; Aug. 25.
- Moerk, Frank N. (See Arnold, C. R., and Moerk.)
- Moers, Kurt. (See Schröter, K. Moers.)
- Moetteli, Arnold, Winterthur, assignor to firm Sulzer Frères Societe Anonyme, Winterthur, Switzerland. Apparatus for the dry cooling of coke. 2,031,843; Feb. 25.
- Moetteli, Arnold, assignor to the firm Sulzer Frères, Societe Anonyme, Winterthur, Switzerland. Dry cooling of coke. 2,048,193; July 21.
- Moewes, Paul G., Cleveland, Ohio. Window cleaner's device. 2,059,011; Oct. 27.
- Moffat, Walter A., assignor to Auto Headlight Signal Company, Meridian, Miss. Automobile signal. 2,030,757; Feb. 11.
- Moffatt, Benjamin C., assignor to Rock Hill Printing and Finishing Company, Rock Hill, S. C. Method and machine for textile printing. 2,033,641; Mar. 10.
- Moffett, Ernest C., Woodbridge, N. J., assignor to American Cyanamid Company, New York, N. Y. Manufacture of sodium cyanide. 2,052,417; Aug. 25.
- Moffett, Ernest C., Woodbridge, N. J., assignor to American Cyanamid Company, New York, N. Y. Manufacture of sodium cyanide. 2,052,418; Aug. 25.
- Moffett, Guy A., Rexford, N. Y., assignor to General Electric Company. Remote control system. 2,060,772; Nov. 10.
- Moffett, Myrtha, Fresno, Calif. Staple making machine. 2,048,459; July 21.
- Moffett, Myrtha, Fresno, Calif. Fence tying tool. 2,048,460; July 21.
- Moffitt, George E. (See Meyer, F. C., and Moffitt.)
- Moffitt, Robert C., Seattle, Wash. Differential piston connecting linkage. 2,057,158; Oct. 13.
- Mohawk Asphalt Heater Company. (See Van Vorst, J., and Baker, assignors.)
- Mohawk Carpet Mills, Inc. (See Johnson, Ray C., assignor.)
- Mohawk Carpet Mills, Inc. (See Kellogg, William D., assignor.)
- Mohawk Carpet Mills, Inc. (See Underwood, Garfield J., assignor.)
- Möhl, Steffen, Copenhagen, Denmark. Underframe for carriages. 2,048,280; July 21.
- Mohler, James V., Oelwein, assignor of one-half to G. M. Butts, Wesley, Iowa. Automatic parachute release device. 2,042,159; May 26.
- Mohlhenrich, Henry C. (See Karrer, S., and Mohlhenrich.)
- Mohlman, William, Eggertsville, N. Y. Safety alarm for gas burners. 2,032,884; Mar. 3.
- Mohn, John, Detroit, Mich. Cooling and dispensing apparatus. 2,056,800; Oct. 6.
- Mohns, David F., assignor to The Parker Pen Company, Janesville, Wis. Fountain pen. 2,035,372; Mar. 24.
- Mohr, John K., Bay City, Mich. Egg separator. 2,060,683; Nov. 10.
- Mohr, Karl, Kiel, assignor to Fried. Krupp Germaniawerft Aktiengesellschaft, Kiel-Gaarden, Germany. Fuel-injecting pump for internal combustion engines. 2,045,196; June 23.
- Möhrle, Artur, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Cement for metallic and ceramic constructional parts. 2,065,389; Dec. 22.
- Moineau, René J. L., Paris, France. Gear mechanism. 2,028,407; Jan. 21.
- Moir, Charles J., assignor to Flameking Company, Incorporated, New York, N. Y. Firepot. 2,036,599; Apr. 7.
- Moir, Vincent J. (See Stanley, H., and Moir.)
- Moisan, John J., assignor of one-fourth to G. M. Icard, San Francisco, Calif. Centrifugal ring-grinding mill. 2,038,231; Apr. 21.
- Moister, Martin. (See Garman, G. W., and Moister.)
- Mojonnier Bros. Co. (See Mojonnier, Oliver W. and H. G., assignors.)
- Mojonnier Bros. Co. (See Phillips, G. R., and Clarke, assignors.)
- Mojonnier Bros. Co. (See Phillips, H. R., and Clarke, assignors.)
- Mojonnier, Harry G. (See Mojonnier, Oliver W. and H. G.)
- Mojonnier, Oliver W., River Forest, and H. G. Mojonnier, Oak Park, Ill., assignors to Mojonnier Bros. Co. Heat exchanger. 2,040,947; May 19.
- Moldenhauer, Eric, New York, assignor of one-half to H. C. Smith, Forest Hills, N. Y. Ring. 2,048,878; July 28.
- Moldenhauer, Gustav C., Manitowoc, Wis. Folding dip or minnow net bow. 2,029,582; Feb. 4.
- Mole Richardson, Inc. (See Coates, Fielding C., assignor.)
- Mole-Richardson, Inc. (See Richardson, Elmer C., assignor.)
- Molema, George G., San Francisco, Calif. Gas bomb well. 2,050,666; Aug. 11.
- Moles, Howard R., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Crash pad. 2,032,711; Mar. 3.
- Moles, John. (See Backer, F. E., and Moles.)
- Molicki, Severyn I., Denver, Colo. Aircraft. 2,060,946; Nov. 17.
- Molin, Louis A., Chicago, Ill. Hydraulic press. 2,030,387; Feb. 11.
- Molin, Louis A., Chicago, Ill. Hydraulic press. 2,040,394; May 12.
- Molin, Louis A., Chicago, Ill. Oil extracting mechanism. 2,055,697; Sept. 29.
- Molin, Louis A., assignor to Kling Brothers Engineering Works, Chicago, Ill. Cooking apparatus. 2,035,090; Mar. 24.
- Molinare, Anthony W., Forest Park, assignor to Dudley Lock Corporation, Chicago, Ill. Lock. 2,035,181; Mar. 24.
- Molinare, Anthony W., Forest Park, Ill., assignor to Highway Trailer Company, Edgerton, Wis. Body lock. 2,046,647; July 7.
- Molinari, Cesare. (See Luzzati, S., and Molinari.)
- Molins, Harold B., executor, et al. (See Molins, Walter E.)
- Molins, Harold B., et al executors. (See Molins, W. E., Rua, and Hacking.)
- Molins Machine Company. (See Hall, Charles T., assignor.)
- Molins, Walter E., Deptford, London, England, H. B. Molins, and M. H. Isaacs, executors of said W. E. Molins, deceased. Grinding of rotating eccentric knives. 2,028,681; Jan. 21.



- Molins, Walter E., deceased, Deptford, London, England, H. B. Molins and M. H. Isaacs, executors. Packing machines. 2,033,532; Mar. 10.
- Molins, Walter E., deceased, F. F. Ruau, and F. W. Hack- ing, Deptford, London, England, H. B. Molins and M. H. Isaacs, executors of said W. E. Molins. Grinding of rotating eccentric knives. 2,035,563; Mar. 31.
- Molitor Box Company. (See Kryll, Leo J., assignor.)
- Molk, Solomon, Lynn, Mass. Securing heels to shoes. 2,029,497; Feb. 4.
- Moll, Oliver R., Durham, Calif. Spraying device for dampening clothes. 2,054,517; Sept. 15.
- Moller, Berniece, Piedmont, Calif. Protective sleeve for children. 2,059,136; Oct. 27.
- Moller, Edward A., Baltimore, Md. Knob rose and secur- ing means. 2,027,608; Jan. 14.
- Moller, George A., Chicago, Ill. Window cleaner. 2,032,626; Mar. 3.
- Möller, Jacob A. L., Rye, N. Y. Ribbon for typewriters and other machines. 2,054,264; Sept. 15.
- Moller, Johan G. C., assignor to Krag Maskin Fabrik A/S., Oslo, Norway. Value printing machine. 2,049,015; July 28.
- Moller, Joseph A., Evanston, Ill. Method of and apparatus for supplying lubricant to bearings. 2,033,992; Mar. 17.
- Moller, Joseph A., Evanston, assignor to said Moller and F. G. Wacker, Lake Forest, Ill., Trustees. Lubricating railway-car bearings. 2,062,250; Nov. 24.
- Möller, Paul. (See Hagedorn, M., and Möller.)
- Möller, Ragnar O. J., Finspong, Sweden. Radial flow turbine. 2,044,540; June 16.
- Möller, Rolf, Zehlendorf, near Berlin, and G. Schubert, Siemensstadt, near Berlin, assignors to Fernseh Aktien- Gesellschaft, Zehlendorf, near Berlin, Germany. Auto- matic regulation of the amplification in tele-cine trans- mitting amplifiers. 2,063,694; Dec. 8.
- Mollet, Léon J., assignor to "Société Anonyme des Usines Chausson," Asnieres, France. Locking device for lids, box and trunk panels, and the like. 2,038,901; Apr. 28.
- Mollet, Léon J., assignor to Societe Anonyme Des Usines Chausson, Asnieres, France. Locking device for trunks, chests, and the like. 2,054,907; Sept. 22.
- Mollo, Eugene, and H. C. Merrett, London, England. Dec- orating large surfaces by photography. 2,041,853; May 26.
- Molloy, Eddie. (See Luburg, G. A., Molloy, and Flader.)
- Molnar, Nicholas M., et al. (See De Nagy, Bela, assignor.)
- Moloney Electric Company. (See Merkle, William S., assignor.)
- Moloney, Raymond T. (See Breitenstein, Herbert G., as- signor.)
- Moloney, Raymond T. (See Huenergardt, Clarence H., assignor.)
- Moloney, Raymond T. (See Nicolaus, Frank G., assignor.)
- Moloney, Raymond T. (See Tigerman, Milton N., as- signor.)
- Moloney, Raymond T., Chicago, Ill. Ticket issuer for pin ball games. 2,046,084; June 30.
- Molter, Clarence B. (See Chronic, C. C., and Molter.)
- Monarch Machine Tool Company, The. (See Bickel, Clif- ford A., assignor.)
- Monarch Machine Tool Company, The. (See Whipp, W. E., and Bickel, assignors.)
- Monarch Manufacturing Company. (See Papageorge, Theodore, assignor.)
- Monarch Manufacturing Works, Inc. (See Murphy, Thomas W., assignor.)
- Monarch Manufacturing Works, Inc. (See Murphy, T. W., and Frame, assignors.)
- Monarch Metal Weatherstrip Corporation. (See Lane, Alfred M., assignor.)
- Monarch Tool & Manufacturing Company, The. (See Hall, Louis M., assignor.)
- Monaster, Neil, McKenzie Island, Ontario, Canada. Sash holder. 2,036,641; Apr. 7.
- Moncrieff, Robert W. (See Dickie, W. A. and Moncrieff.)
- Mondloch, Ben. J., et al. (See Cudigan, Bartholomew O., assignor.)
- Moneta, Gemma B. (See Cassol, Bruno, assignor.)
- Monette, Jeanne, assignor of one-half to P. Charton, Montreal, Quebec, Canada. Hose supporting garment. 2,062,596; Dec. 1.
- Money, Benjamin F., Tulsa, Okla. Nut lock. 2,041,477; May 19.
- Money, Roland H. (See Crosley, P., Jr., and Money.)
- Money, Roland H., assignor to The Crosley Radio Corpora- tion, Cincinnati, Ohio. Electrical entrance plug. 2,028,942; Jan. 28.
- Money, Roland H., assignor to The Crosley Radio Corpora- tion, Cincinnati, Ohio. Forming refrigerator linings. 2,028,943; Jan. 28.
- Money, Roland H., assignor to The Crosley Radio Cor- poration, Cincinnati, Ohio. Electric switch device. 2,053,373; Sept. 8.
- Money, Ora A., Uniontown, Wash. Vehicle brake. 2,064,026; Dec. 15.
- Monfort, Noel, Cuthbert, Ga. Phonographic construction. 2,033,729; Mar. 10.
- Monfort, William A., San Antonio, Tex. Spring-compress- ing tool. 2,046,203; June 30.
- Monforte, Rocco, Saylesville, R. I. Finishing machine. 2,045,331; June 23.
- Monitor Controller Company. (See Frese, Joseph F., assignor.)
- Monk, Basil, assignor to Tor Equipment Company Limited, Croydon, England. Ambulance stretcher. 2,033,779; Mar. 10.
- Monk, Newton. (See Espenschied, L., and Monk, as- signors.)
- Monk, Newton. (See Green, E. I., Monk, and Tidd.)
- Monk, Newton, New York, N. Y., assignor to American Telephone and Telegraph Company. Common medium multichannel exchange system. 2,064,938; Dec. 22.
- Monk, Reginald H., and A. S. Ross, Montreal, Quebec, Canada, assignors to American Zinc, Lead & Smelting Company, St. Louis, Mo. Making titanium dioxide. 2,028,292; Jan. 21.
- Monmouth Products Company. (See Ray, Merlin C., as- signor.)
- Mönniche, Tollef B., Boquete, Panama. Feeding of coffee. 2,035,139; Mar. 24.
- Monocap Limited. (See De Faveri, Serafino, assignor.)
- Monopower Corporation, The. (See Tyler, Tracy B., as- signor.)
- Mono Service Co. (See Marshall, Clifford L., assignor.)
- Monowatt Electric Corporation, The. (See Benander, George B., assignor.)
- Monrad, Karl J., Little Falls, N. Y. Thermometer spoon. 2,035,334; Mar. 24.
- Monroe Auto Equipment Company. (See Becker, Fred P., assignor.)
- Monroe Calculating Machine Company. (See Brown, Lee R., assignor.)
- Monroe Calculating Machine Company. (See Chase, George C., assignor.)
- Monroe Calculating Machine Company. (See Hilder, Stuart, assignor.)
- Monroe, Charles H., and H. C. Clafin, St. Clair Mich., as- signors to The Beryllium Corporation, New York, N. Y. Treating beryllium and its alloys. 2,051,963; Aug. 25.
- Monroe, Daniel B., assignor of two-thirds to L. C. Terry and F. M. Manning, Denver, Colo. Oil well surveying instrument. 2,057,787; Oct. 20.
- Monroe, John E., New Orleans, La. Automatic overload release clutch. 2,044,712; June 16.
- Monroe, Kenneth C., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Device to absorb pres- sure fluctuations. 2,061,949; Nov. 24.
- Monroe, Robert A. (See Noyes, M. E., and Monroe.)
- Monroe, Robert A., Mount Lebanon, assignor to Aluminum Company of America, Pittsburgh, Pa. Vibra- tion damper. 2,058,174; Oct. 20.
- Monroe, Verne, Cameron, W. Va. Drive clamp. 2,051,998; Aug. 25.
- Monsanto Chemical Company. (See Alt, Arthur, assignor.)
- Monsanto Chemical Company. (See Bartram, Thomas W., assignor.)
- Monsanto Chemical Company. (See Beaver, David J., assignor.)
- Monsanto Chemical Company. (See Bertsch, Johann A., assignor.)
- Monsanto Chemical Company. (See Carswell, Thomas S., assignor.)
- Monsanto Chemicals Limited. (See Chapman, Cecil, as- signor.)
- Monsanto Chemical Company. (See Conover, Courtney, assignor.)
- Monsanto Chemical Company. (See Dvornikoff, Michael N., assignor.)
- Monsanto Chemical Company. (See Ingram, Joseph R., assignor.)
- Monsanto Chemical Company. (See Kaufmann, Hans P., assignor.)
- Monsanto Chemical Company. (See Kyrides, Lucas P., assignor.)
- Monsanto Chemical Company. (See Kyrides, L. P., and Retalliau, assignors.)
- Monsanto Chemical Company. (See Magoun, G. L., and Tompkins, assignors.)
- Monsanto Chemical Company. (See Mares, Joseph R., as- signor.)
- Monsanto Chemical Company. (See Martin, George D., assignor.)
- Monsanto Chemical Company. (See Scott, Winfield, as- signor.)
- Monsanto Chemical Company. (See Sibley, Robert L., assignor.)
- Monsanto Chemical Company. (See Smith, F. D., and Grosch, assignors.)
- Monsanto Petroleum Chemicals, Inc. (See Hochwalt, Car- roll A., assignor.)
- Monsanto Petroleum Chemicals, Inc. (See Thomas, Charles A., assignor.)
- Monsanto Petroleum Chemicals, Inc. (See Thomas, C. A., and Carmody, assignors.)
- Monsanto Petroleum Chemicals, Inc. (See Thomas, C. A., and Hochwalt, assignors.)
- Mont, Frank, Nanticoke, Pa. Spinner machine iron head cleaner. 2,052,482; Aug. 25.
- Montague, Homer F., assignor of one-half to J. A. Saunier, Lexington, Ky. Electrically operated welder's hood. 2,058,169; Oct. 20.
- Montalto, Ludovico, Fragnito Monforte, Benevento, Italy. Rotary valve gear for internal combustion engines. 2,048,134; July 21.
- Montani, Angelo, Genoa, Italy. System for multiple trans- mission and reception. 2,036,350; Apr. 7.
- Monteith, Howard A., Eustis, Fla. Bumper rack. 2,052,483; Aug. 25.



- Monteith, Roy C., Elkhart, Ind. Brush holder. 2,026,644; Jan. 7.
- Montelius, Carl O. J., assignor to Aktiebolaget Imo-Industri, Stockholm, Sweden. Apparatus for measuring liquids. 2,042,725; June 2.
- Monten, William A. (See Farnon, William P., and H. J., assignors.)
- Montgomery, Albert W. (See Harding, W. H., and Montgomery.)
- Montgomery, Alonzo B., assignor to The Cold Metal Process Company, Youngstown, Ohio. Roll cooling means. 2,033,046; Mar. 3.
- Montgomery, Donald H. (See Gridley, G. O., Montgomery, and Wheeler.)
- Montgomery, Elwood W., New Haven, Conn., assignor to The Koppers Company of Delaware. Sludge handling system. 2,047,283; July 14.
- Montgomery, Floyd E., assignor of one-third to P. A. Homicke, and one-third to W. P. Soneson, Duluth, Minn. Vehicle body construction. 2,043,804; June 9.
- Montgomery, Fred H., et al. (See Hartman, Frank E., assignor.)
- Montgomery, Guy, Humboldt, Nebr. Tire chain. 2,061,039; Nov. 17.
- Montgomery, Hanna T., assignor of forty-nine per cent to J. A. Blissenbach, Spokane, Wash. Combined ash and cigarette container. 2,058,710; Oct. 27.
- Montgomery, Julian E., Shaker Heights, and P. E. Jones, Cleveland Heights, assignors to The Otis Steel Company, Cleveland, Ohio. Coated rolling mill roll. 2,059,384; Nov. 3.
- Montgomery, Philip, West Hartford, Conn. Liquid leakage detector. 2,043,857; June 9.
- Montgomery, Samuel A. (See McNeill, C. P., and Montgomery.)
- Montgomery, Samuel A., Wood River, assignor to Standard Oil Company, Chicago, Ill. Dewaxing distillate oils. 2,053,872; Sept. 8.
- Montgomery, Tryrl B. (See Newhouse, R. C., Montgomery, and Feind.)
- Montgomery, W. P., et al. (See James, Cleveland A., assignor.)
- Montgomery, W. Ray, et al. (See Hartman, Frank E., assignor.)
- Montgomery Ward & Co. (See Falcon, Joseph V., assignor.)
- Montgomery Ward & Co. (See Knapp, Leland G., assignor.)
- Montgomery Ward & Co. (See Morgan, Louis B., assignor.)
- Montgomery, William J. (See Bradner, D. B., and Montgomery.)
- Montgomery, William J., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Ventilator. 2,027,647; Jan. 14.
- Montgomery, William J., Upper Arlington, Ohio, assignor to The Jeffrey Manufacturing Company. Ventilator. 2,027,745; Jan. 14.
- Montgomery, William J., and D. B. Bradner, assignors to The Champion Paper and Fibre Company, Hamilton, Ohio. Coating paper. 2,029,273; Jan. 28.
- Monti, Gaetano. (See Redeschi, G., and Monti.)
- Montrose Chemical Co. (See Rothberg, P., and Flexser, assignors.)
- Montrose-Oster, Louis E-W., Karlsbad, Czechoslovakia. Multiple unit control system. 2,028,683; Jan. 21.
- Montrose-Oster, Louis-Eugène-Widolt, Karlsbad, Czechoslovakia. Guide wheel for vehicles. 2,042,622; June 2.
- Montrose-Oster, Louis-Eugène-Widolt, Karlsbad, Czechoslovakia. Pivoted wheel for vehicles. 2,042,623; June 2.
- Montrose-Oster, Louis-E-W., Karlsbad, Czechoslovakia. Sand discharging apparatus for vehicles. 2,063,395; Dec. 8.
- Montsinger, Vincent M., Pittsfield, Mass., assignor to General Electric Company. Liquid immersed electrical apparatus. 2,036,068; Mar. 31.
- Moo, Gothard T., Auburn, R. I., assignor to Brown and Sharpe Manufacturing Company. Milling machine. 2,066,217; Dec. 29.
- Moody, B. M., et al. (See Jameson, Charles E., assignor.)
- Moody, Charles F., Yonkers, and E. A. Mitchell, Hastings-on-the-Hudson, assignors to Phelps Dodge Copper Products Corporation, New York, N. Y. Apparatus for producing sheathed articles. 2,029,435; Feb. 4.
- Moody, Desmond V. (See Moody, Victor E., assignor.)
- Moody, Fred M., Whitman, Mass. Antiskid mechanism for vehicles. 2,035,822; Mar. 31.
- Moody, Fred M., Whitman, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting machine. 2,064,027; Dec. 15.
- Moody, Graham B., et al. (See McCarty, Madison P., assignor.)
- Moody, Jack. (See Hyman, Bert L., assignor.)
- Moody, Kenneth M., Chicago, Ill. Tire inflator. 2,040,868; May 19.
- Moody, Lewis F., Princeton, N. J., assignor to Baldwin-Southwark Corporation. Cavitation control means for blade periphery. 2,045,918; June 30.
- Moody, Lewis F., Princeton, N. J. Hydraulic power apparatus. 2,060,101; Nov. 10.
- Moody, Lewis F., Princeton, N. J. Hydraulic power apparatus. 2,064,313; Dec. 15.
- Moody, Maxey D. (See Hardison, Charles J., assignor.)
- Moody, Thomas W., Houston, Tex. Alarm device. 2,051,268; Aug. 18.
- Moody, Victor E., assignor to D. V. Moody, Elgin, Ill. Automatic safety backstop. 2,037,198; Apr. 14.
- Moody, Virginus W., Long Branch, N. J., assignor to Reynolds Research Corporation, New York, N. Y. Insulating box. 2,034,114; Mar. 17.
- Moody, Virginus W., assignor to Reynolds Metals Company, New York, N. Y. Refrigeration control means. 2,035,755; Mar. 31.
- Moody, Virginus W., Jackson Heights, assignor to Reynolds Research Corporation, New York, N. Y. Insulating box. 2,036,429; Apr. 7.
- Moody, Virginus W., Jackson Heights, assignor to Reynolds Metals Company, New York, N. Y. Refrigerator and temperature control device. 2,058,814; Oct. 27.
- Moody, Virginus W., assignor to Reynolds Research Corporation, New York, N. Y. Liquid control. 2,061,204; Nov. 17.
- Moog, Karl, Obernburg-on-the-Main, Germany, assignor to American Enka Corporation, Enka, N. C. Drying artificial silk packages. 2,065,981; Dec. 29.
- Moomaw, Lewis H. (See Merta, Method, assignor.)
- Moon, Carl, Detroit, Mich. Wringer release mechanism. 2,043,390; June 9.
- Moon, Carl, Detroit, Mich. Wringer mechanism. 2,054,135; Sept. 15.
- Moon, Charles C., Derby, Kans. Gauge for grading machine blades. 2,043,391; June 9.
- Moon, Charles R. (See Boyles, E. R., and Moon.)
- Moon, Charles R., assignor to Ontario Manufacturing Company, Muncie, Ind. Stamping blanks. 2,033,993; Mar. 17.
- Moon, Charles R., assignor to Ontario Manufacturing Company, Muncie, Ind. Apparatus for buffing and polishing articles. 2,055,665; Sept. 29.
- Moon, Clifford G., Anthony, R. I. Loom. 2,036,714; Apr. 7.
- Moone, Albert E. F., assignor to The Lehon Company, Chicago, Ill. Roofing. 2,057,245; Oct. 13.
- Mooney, Fred L., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole pressing machine. 2,035,496; Mar. 31.
- Mooney, John J., New York, N. Y. Diving suit. 2,034,637; Mar. 17.
- Mooney, Melvin, East Rutherford, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Plastometer. 2,037,529; Apr. 14.
- Mooney, Roy G., Okmulgee, Okla. Advertising plate. 2,063,553; Dec. 8.
- Mooney, Thomas F., New Lexington, Ohio, assignor to Ludowici-Celadon Company, Chicago, Ill. Mineral wool furnace. 2,045,668; June 30.
- Moore, Alvin I. (See Morse, J. W., and Moore.)
- Moore, Ambrose C., and A. Wasberg, assignors to Chicago Railway Equipment Company, Chicago, Ill. Railway car structure. 2,062,757; Dec. 1.
- Moore, Anne M., Lancaster, S. C. Hair drying device. 2,031,001; Feb. 18.
- Moore, Arlington, assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Apparatus for and process of operating internal combustion engines on fuel of low volatility. 2,028,989; Jan. 28.
- Moore, Arlington, assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Carburetor. 2,037,530; Apr. 14.
- Moore, Arlington, assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Auxiliary carburation for internal combustion engines. 2,044,094; June 16.
- Moore, Arlington, assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Pressure controlled charge supplying and mixing method and apparatus for internal combustion engines. 2,047,743; July 14.
- Moore, Arlington, assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Supplying, preparing, and distributing of charges for internal combustion engines. 2,056,615; Oct. 6.
- Moore, Aston L., South Bend, assignor of one-half to The Martin Band Instrument Co., Elkhart, Ind. Sound reproduction device. 2,039,436; May 5.
- Moore, Austin L., Southmont Boro, Pa. Electric switch. 2,046,401; July 7.
- Moore Brothers Company. (See Dibble, Claude M., assignor.)
- Moore Brothers Company. (See Moore, L., and Holloway, assignors.)
- Moore, Burt B., Sioux City, Iowa. Headlight blinker for daylight signals. 2,045,045; June 23.
- Moore, Carl E. (See McIlvried, H. G., Moore, and Peterson.)
- Moore, Charles A., Greenwich, Conn., and P. Whitcomb, Kenmore, assignors to Manning, Maxwell & Moore, Inc., New York, N. Y. Variable delivery gear pump. 2,052,419; Aug. 25.
- Moore, Clarence W., Roslyn, Pa., assignor to Mitchell Specialty Company. Housing structure. 2,049,658; Aug. 4.
- Moore, Claribel, Washington, D. C. Brassière. 2,033,847; Mar. 10.
- Moore, Clyde, Chicago, Ill. Voltage stabilizer. 2,036,488; Apr. 7.
- Moore Company, The. (See Wunderlich, William E., assignor.)



- Moore Corporation, The. (See Gregorich, Matthew, assignor.)
- Moore Corporation, The. (See Moore, Lewis, assignor.)
- Moore, David P., et al. (See Fricker, Carl J., assignor.)
- Moore, David P., Avon Park, Fla., assignor to Max A. Schlesinger, New York, N. Y. Treating coffee. 2,037,037; Apr. 14.
- Moore Drop Forging Company. (See Abbe, Earl C., assignor.)
- Moore Drop Forging Company. (See Eden, James A., Jr., assignor.)
- Moore Dry Kiln Company. (See Battenfield, Daniel R., assignor.)
- Moore Dry Kiln Company of Oregon. (See Fay, Albert T., Jr.)
- Moore, Earl E., assignor to The Studebaker Corporation, South Bend, Ind. Automatic choke control. 2,037,917; Apr. 21.
- Moore, Edmund B., Brooklyn, N. Y. Automatic thermostatic switch. 2,038,376; Apr. 21.
- Moore, Edmund W., assignor to General Railway Signal Company, Rochester, N. Y. Light signal unit. 2,035,397; Mar. 24.
- Moore, Edmund W., assignor to General Railway Signal Company, Rochester, N. Y. Light signal. 2,052,146; Aug. 25.
- Moore, Edwin E. (See Lorig, E. T., Moore, and Nichols.)
- Moore, Edwin E., Chicago, Ill., assignor to American Sheet and Tin Plate Company. Reel for metal strip. 2,056,071; Sept. 29.
- Moore, Emmett B., Evanston, Ill. Coin selector. 2,040,151; May 12.
- Moore Enameling and Manufacturing Company, The. (See Moore, Walter B., assignor.)
- Moore, Frank W., Lennon, Mich. Milk pail cover. 2,032,375; Mar. 3.
- Moore, Frank W., Lennon, Mich. Milk cooler and aerator. 2,048,078; July 21.
- Moore, Fred V., and A. B. Johnson, Harvey, Ill., assignor of one-half to N. A. Kingston. Toy parachute device. 2,042,270; May 26.
- Moore, Frederick T., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Ejector guide for automatic machine guns. 2,043,485; June 9.
- Moore, Frederick T., East Hartford, Conn., assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Automatic firearm. 2,050,538; Aug. 11.
- Moore, Frederick T., East Hartford, and G. H. Tansley, Hartford, Conn., assignors to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Firing mechanism for machine guns. 2,050,539; Aug. 11.
- Moore, Frederick T., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Machine gun and attachment therefor. 2,061,313; Nov. 17.
- Moore, Garnett V. (See Coleman, G. H., and Moore.)
- Moore, George, Hastings-on-Hudson, N. Y. Water softener apparatus. 2,033,533; Mar. 10.
- Moore, George A., Boston, Mass. Making headless screws. 2,056,053; Sept. 29.
- Moore, George E. (See Main, F. L., and Moore.)
- Moore, George L., Chicago, Ill. Card table. 2,044,588; June 16.
- Moore, George L., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Treating pistons. 2,040,324; May 12.
- Moore, George L., and J. R. Steele, Owego, N. Y. Lubricating device. 2,028,517; Jan. 21.
- Moore, George L., and J. R. Steele, Owego, N. Y. Fastening device. 2,034,266; Mar. 17.
- Moore, Glenn L., Elkhart, Ind. Garment support. 2,057,045; Oct. 13.
- Moore, Guy S., Chester, N. H., assignor of one-third to E. B. Fraser, Lynn, Mass. Rack. 2,026,746; Jan. 7.
- Moore, Guy S., Salem, assignor of fifty-one per cent to E. B. Fraser, Lynn, and twenty-four per cent to F. H. Rowe, Gloucester, Mass. Centrifugal electrical mercury switch. 2,029,632; Feb. 4.
- Moore, Guy W., Philadelphia, Pa. Automatic synchronizer. 2,054,908; Sept. 22.
- Moore, Harry B., Milwaukee, Wis. Cabinet. 2,033,642; Mar. 10.
- Moore, Harry G., Los Angeles, and E. L. Gonyer, Beverly Hills, Calif. Wine bottle spinning and tilting rack. 2,056,014; Sept. 29.
- Moore, Henry T. (See Johnson, C. E., and Moore.)
- Moore, Hildred O., Seattle, Wash. Sleeve form. 2,035,909; Mar. 31.
- Moore, Horace T., Avondale Estates, Ga., assignor to Transco Company. Oil testing device. 2,034,688; Mar. 17.
- Moore, Howard L., Cochran, Pa. Advertising novelty. 2,038,666; Apr. 28.
- Moore, Howard L., Cochran, Pa. Combined holder and display stand. 2,062,916; Dec. 1.
- Moore, Hubert, Sewickley, Pa., assignor to Rolscreen Company, Pella, Iowa. Venetian blind. 2,064,443; Dec. 15.
- Moore, Hugh K., Berlin, assignor to Brown Company, Berlin, N. H. Manufacture of caustic soda. 2,031,844; Feb. 25.
- Moore, Hugh K., assignor to Brown Company, Berlin, N. H. Evaporating process and apparatus therefor. 2,044,095; June 16.
- Moore, Hugh K., assignor to Brown Company, Berlin, N. H. Production of alkaline compounds, sulphuric acid, and other valuable chemicals. 2,056,929; Oct. 6.
- Moore, J. W., Valve Corporation. (See Allen, Russell B., assignor.)
- Moore, J. W., Valve Corporation. (See Johnson, H. W. A., and Moore, assignors.)
- Moore, Jack H., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Dispensing carton. 2,039,437; May 5.
- Moore, James Ballard. (See Cook, J. F., Jr., and Moore.)
- Moore, James E. (See Archer, E. G., and Moore.)
- Moore, James L. (See Ajouelo, D. J., and Moore.)
- Moore, Jay R., Oakmont, and E. K. Wallace, Pittsburgh, Pa., said Wallace assignor to said Moore. Hydrolysis of fats and greases. 2,065,145; Dec. 22.
- Moore, John B., Riverhead, N. Y., assignor to Radio Corporation of America. Peak or overload indicator for speech circuits. 2,050,852; Aug. 11.
- Moore, John E., Manchester, England. Weft replenishing mechanism of looms for weaving. 2,031,726; Feb. 25.
- Moore, John R., Tyler, Tex. Signaling apparatus. 2,039,920; May 5.
- Moore, John T., Tampa, Fla. Blood transfusion syringe. 2,057,901; Oct. 20.
- Moore, John W. (See Moore, Ward H., assignor.)
- Moore, Josias F. (See Toussaint, S. E., and Moore.)
- Moore, Lee C., Tulsa, Okla. Oil field derrick post. 2,031,002; Feb. 18.
- Moore, Lee C., & Company. (See Henry, Charles L., assignor.)
- Moore, Lewis, assignor to The Moore Corporation, Joliet, Ill. Reversible stove construction. 2,038,950; Apr. 28.
- Moore, Lewis, Joliet, Ill., and I. S. Holloway, La Fayette, Ind. Stove door. 2,028,345; Jan. 21.
- Moore, Lewis, and I. S. Holloway, assignors to Moore Brothers Company, Joliet, Ill. Gas stove. 2,040,948; May 19.
- Moore, Marguerite E., New York, N. Y. Window shade fitting. 2,039,972; May 5.
- Moore, Matthew S., Malvern, assignor of one-half to The Mining Engineering Company, Limited, Worcester, England. Loading device for mining machines. 2,031,544; Feb. 18.
- Moore, Matthew S., Malvern, assignor of one-half to The Mining Engineering Company Limited, Worcester, England. Combined cutting and loading machine for mines. 2,033,441; Mar. 10.
- Moore, Matthew S., Malvern, assignor of one-half to The Mining Engineering Company Limited, Worcester, England. Cutter chain for mining machines. 2,054,386; Sept. 15.
- Moore, Ninian R., Du Bois, Pa. Lawn sprinkler. 2,030,605; Feb. 11.
- Moore, Ninian R., Du Bois, Pa. Grave covering apparatus. 2,031,175; Feb. 18.
- Moore, Onon G., Detroit, Mich. Warning signal. 2,053,999; Sept. 8.
- Moore, Opha, Columbus, Ohio. Negotiable instrument safety paper. 2,065,605; Dec. 29.
- Moore, Paul, Trustees et al. (See Nikitin, A. A., Myers, and Adams.)
- Moore, Ralph W. E., assignor to National Electric Products Corporation, Pittsburgh, Pa. Electric plug and socket organization. 2,058,903; Oct. 27.
- Moore, Raymond G., assignor to The Bassick Company, Bridgeport, Conn. Latch for automobile fender shrouds and the like. 2,062,597; Dec. 1.
- Moore, Raymond P. (See Scranton, D. H., and Moore.)
- Moore, Richard C. (See Vance, A. J., and Moore.)
- Moore, Richard D., Birmingham, Ala. Tube cap. 2,040,013; May 5.
- Moore, Robert A., and J. Mitchell, New York, N. Y., assignors to M. & M. Engineering Corporation. Exhaust muffler. 2,065,343; Dec. 22.
- Moore, Robert E., Sewickley, Pa. Portable, extendible, and foldable nursery chair. 2,050,114; Aug. 4.
- Moore, Robert E., assignor to Bell & Gossett Company, Chicago, Ill. Hot water heater. 2,051,311; Aug. 11.
- Moore, Robert E., Maplewood, N. J. Metal frame and cover. 2,056,362; Oct. 6.
- Moore, Robert H. (See Johnson, H. W. A., and Moore.)
- Moore, Robson S., Great Neck, assignor to Columbia Ribbon & Carbon Manufacturing Company, Glen Cove, N. Y. Making metallic-coated membrane. 2,041,297; May 19.
- Moore, Roscoe, Kingston, Pa. Drive for shaker conveyers. 2,027,284; Jan. 7.
- Moore, Rowland, Glendale, Ariz. Planter attachment for tractors. 2,046,788; July 7.
- Moore, Stanford, and W. C. Lyons, Oklahoma City, Okla. Cold conserver. 2,051,733; Aug. 18.
- Moore, Stewart L., assignor to Locke Insulator Corporation, Baltimore, Md. Insulator plunging machine. 2,048,558; July 21.
- Moore, Thomas F., Morris Plains, N. J. Well-point. 2,027,398; Jan. 14.
- Moore, Thomas H., assignor of one-eighth to F. Hartley, Santa Monica, Calif. Combination flushing and ventilating pipe assembly for water closet bowls. 2,042,271; May 26.
- Moore, Thomas V., La Porte, and G. E. Cannon, Houston, Tex., assignors to Standard Oil Development Company. Weighted oil base drilling fluid. 2,055,666; Sept. 29.



- Moore, Wallace F., assignor to The American Hardware Corporation, New Britain, Conn. Double acting spring hinge. 2,035,823; Mar. 31.
- Moore, Wallace F., assignor to The American Hardware Corporation, New Britain, Conn. Door check. 2,035,824; Mar. 31.
- Moore, Walter B., assignor to The Moore Enameling and Manufacturing Company, West Lafayette, Ohio. Decorating enameled ware. 2,039,548; May 5.
- Moore, Walter D., Chattanooga, Tenn. Protector cover for trucks. 2,043,858; June 9.
- Moore, Walter R., West Hartford, Conn., assignor to The Billings & Spencer Company. Wrench clip. 2,030,147; Feb. 11.
- Moore, Ward H., assignor to J. W. Moore, Ames, Iowa. Jack. 2,037,531; Apr. 14.
- Moore, Warren, Richmond, Va., assignor to Tobacco By-Products and Chemical Corporation, Louisville, Ky. Insecticide material and making the same. 2,041,298; May 19.
- Moore, Whitley B., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roll mounting. 2,032,490; Mar. 3.
- Moore, Wiley T., United States Army, Wright Field, Ohio. Gun. 2,032,376; Mar. 3.
- Moore, Wiley T., Wright Field, Dayton, Ohio. Projectile. 2,036,292; Apr. 7.
- Moore, William C., Stamford, Conn., assignor to U. S. Industrial Alcohol Co., New York, N. Y. Compositions for application to the human skin. 2,054,989; Sept. 22.
- Moore, William D., assignor to American Cast Iron Pipe Company, Birmingham, Ala. Leak clamp for pipe joints. 2,037,084; Apr. 14.
- Moore, William E., assignor to Pittsburgh Research Corporation, Pittsburgh, Pa. Electric furnace. 2,046,085; June 30.
- Moore, William E., Pittsburgh, and G. L. Simpson, Corapolis Heights, assignors to Pittsburgh Research Corporation, Pittsburgh, Pa. Burning carbonates and apparatus therefor. 2,043,859; June 9.
- Moore, William F., Bayside, assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbon oils. 2,036,968; Apr. 7.
- Moore, William J., assignor to Edward R. Goble, Chicago, Ill. Fishline. 2,065,606; Dec. 29.
- Moorhead, Albert E., assignor to Moorhead Development Co., Inc., Oakland, Calif. Floor treating mechanism. 2,041,140; May 19.
- Moorhead Development Co. (See Moorhead, Albert E., assignor.)
- Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,060,684; Nov. 10.
- Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co., Inc. Safety catch. 2,060,333; Nov. 10.
- Morehouse, William R., assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Printing paste. 2,038,591; Apr. 28.
- Moorhouse, William R., Boston, Mass., assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Dyeing wool. 2,062,898; Dec. 1.
- Moorman, Albert S., New York, N. Y. Ball rolling game. 2,027,244; Jan. 7.
- Moorman, Arthur R., Woodriver, Ill., and I. C. Carpenter, New Rochelle, N. Y., assignors to Contact Filtration Company, San Francisco, Calif. Treating fresh unused petroleum oils to produce decolorized lubricating oil stocks. 2,045,160; June 23.
- Moorman Manufacturing Company. (See Eimsie, W. P., and Caldwell, assignors.)
- Moormann, Thomas A., Pleasant Ridge, Mich., assignor to The Forging & Casting Corporation. Apparatus for casting sleeve-like bodies. 2,042,015; May 26.
- Moorshead, Thomas C., assignor to The United Glass Bottle Manufacturers Limited, London, England. Circulating glass in glass furnace gathering basins or forehearth. 2,063,555; Dec. 8.
- Moos, Leo P., Moorhead, and F. L. Fredrickson, Robbinsdale, Minn., said Fredrickson assignor to said Moos. Bottle cap. 2,040,325; May 12.
- Moose, Joe E., Anniston, Ala., assignor to Swann Research, Inc. Production of ammonium phosphate. 2,033,388; Mar. 10.
- Moose, Joe E., Anniston, Ala., assignor to Swann Research, Inc. Production of ammonium phosphate. 2,033,389; Mar. 10.
- Moose, Joe E., Anniston, Ala., assignor to Swann Research, Incorporated. Waxlike dielectric composition. 2,046,526; July 7.
- Mopin, Eugène G. P., Paris, France. Shed and analogous construction. 2,047,644; July 14.
- Morali, Charles, et al. (See Fein, Jacob, assignor.)
- Moran, Boyd B., San Diego, Calif. Transmitting fingerprint characteristics. 2,048,879; July 28.
- Moran, Daniel J., and E. O. Bennett, assignors to Continental Oil Company, Ponca City, Okla. Fluid straining device. 2,041,366; May 19.
- Moran, James A. (See Ryan, V. H., and Moran.)
- Moran, John F., Jersey City, N. J. Acoustic signaling device. 2,050,447; Aug. 11.
- Moran, John, Long Island, N. Y. Cultivating tool. 2,028,001; Jan. 14.
- Moran, Joseph F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Lock switch for flashlights. 2,058,904; Oct. 27.
- Moran, Joseph F., and C. F. Bertschinger, assignors to Scovill Manufacturing Company, Waterbury, Conn. Combined opener and spout for paper bottles. 2,058,905; Oct. 27.
- Moran, Matthew F., Kansas City, Mo. Filter leaf. 2,028,466; Jan. 21.
- Moran, Matthew F., Kansas City, Mo. Dry cleaning system. 2,044,096; June 16.
- Moran, Patrick J., Newark, N. J., assignor to Irving Rosner, New York, N. Y. Woman's garment. 2,044,623; June 16.
- Moran, Patrick J., Newark, N. J., assignor to I. Rosner, New York, N. Y. Abdomen support. 2,052,935; Sept. 1.
- Moran, Robert C., Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,043,836; June 9.
- Moran, Robert C., Wenonah, W. L. Evers, and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Petroleum lubricant product and making same. 2,058,342; Oct. 20.
- Moran, Robert C., Wenonah, W. L. Evers, and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Petroleum product and making same. 2,058,343; Oct. 20.
- Moran, Robert C., Wenonah, W. L. Evers, and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricant and making same. 2,058,344; Oct. 20.
- Moran, William A., Jr. (See Navis, P. C., Moran, Von Berg and Garankin.)
- Moran, William G., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Electric device. 2,036,600; Apr. 7.
- Morano, Gabriel G., Los Angeles, Calif., assignor to C M C Corporation, New York, N. Y. Lens mount. 2,041,012; May 19.
- Moravek, Rudolf A. (See Catlin, J. B., and Moravek.)
- Moray, Lawton R., Croton on Hudson and T. E. Merwin, Harmon-on-Hudson, N. Y. Propelling device. 2,064,845; Dec. 22.
- Morays Watch Case Co. (See Alkin, Emanuel M., assignor.)
- Morberg, Ivar A., Chicago, Ill., assignor to Western Electric Company, New York, N. Y. Thread cutting tool. 2,041,082; May 19.
- Morch, Jacob J., Port Credit, Ontario, Canada. Crushing and grinding mill. 2,065,821; Dec. 29.
- Morcom, John H., Long Beach, Calif. Bottle support. 2,063,328; Dec. 8.
- Morden, R. Roy. (See Morden, Robert B., assignor.)
- Morden, Robert B., Jefferson, assignor of one-half to R. R. Morden, Des Moines, Iowa. Gold washing apparatus. 2,065,321; Dec. 22.
- Moreau, Henri, Paris, France. Relay. 2,057,902; Oct. 20.
- Moreau, Pierre, Neuilly, France. Freewheel device. 2,027,924; Jan. 14.
- Morehead, George L., Elkins Park, Pa., assignor to Link-Belt Company, Chicago, Ill. Drive unit. 2,058,345; Oct. 20.
- Morehead, George L., Elkins Park, Pa., assignor to Link-Belt Company, Chicago, Ill. Counterbalanced crank for drive shafts. 2,058,346; Oct. 20.
- Morehouse, Charles B., Waterton, N. Y., assignor to The New York Air Brake Company. Valve. 2,054,909; Sept. 22.
- Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co., Inc. Finding for catches or pinstem joints and making same. 2,035,091; Mar. 24.
- Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co., Inc. Safety catch. 2,041,367; May 19.
- Morehouse, Harold E., assignor to Continental Motors Corporation, Detroit, Mich. Reversible accessory driving mechanism for engines. 2,051,568; Aug. 18.
- Morehouse, Lyman F., Montclair, and S. P. Shackleton, Millburn, N. J., assignors to American Telephone and Telegraph Company. Marginal control of gas-filled tubes. 2,058,170; Oct. 20.
- Morehouse, Terry B., West Hempstead, N. Y. Connection for structural members. 2,042,353; May 26.
- Moreira, Salvador, Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Welding method. 2,036,880; Apr. 7.
- Moreland, Edward L., Wellesley, Mass., R. D. Booth, Salem, N. H., and C. H. Danforth, West Roxbury, assignors to Jackson & Moreland, Boston, Mass. Washing and drying apparatus. 2,057,903; Oct. 20.
- Moreland, J. B., San Angelo, Tex. Chair. 2,050,667; Aug. 11.
- Moreland, Robert E., Galveston, Tex. Combination stool and carrier. 2,031,119; Feb. 18.
- Moreland, Stephen T., assignor to The Timken Roller Bearing Company, Canton, Ohio. Retaining ring attachment for shafts. 2,032,491; Mar. 3.
- Moren, William B. J., Redboiling Springs, Tenn. Fly screen. 2,029,889; Feb. 4.
- Moreno, Gabriel G., Los Angeles, Calif., assignor to C M C Corporation, New York, N. Y. Apparatus for advancing film. 2,041,011; May 19.
- Moreno, Gabriel G., Los Angeles, Calif., assignor to C M C Corporation, New York, N. Y. Intermittent movement. 2,048,194; July 21.
- Moreno, Gabriel G., Los Angeles, Calif., assignor to C M C Corporation, New York, N. Y. Apparatus for intermittently advancing strip film. 2,060,334; Nov. 10.



- Moreton, Henry H., Santa Monica, Calif. Manufacturing briquettes. 2,034,351; Mar. 17.
- Morey, Glen H., assignor to Phillips Petroleum Company, Bartlesville, Okla. Skywriting apparatus. 2,045,865; June 30.
- Morf, Arnold W., et al. (See Klee, Henry O., assignor.)
- Morf, Ernest, La Chaux-de-Fonds, Switzerland. Watertight watchcase. 2,029,784; Feb. 4.
- Morgan, Archibald J., assignor to John A. Roebling's Sons Company, Trenton, N. J. Wire rope machine. 2,039,438; May 5.
- Morgan, Arthur, Port Jervis, N. Y. Automatic recoil foot adjusting device. 2,052,102; Aug. 25.
- Morgan, Charles A. (See Judd, G. J., and Morgan.)
- Morgan Construction Company. (See Dahlstrom, Frank P., assignor.)
- Morgan Construction Company. (See Merkt, Gustav A., assignor.)
- Morgan, David L., Dayton, Ohio, assignor to L. B. O'Leary, Montreal, Canada. Automatic feed mechanism for punch presses. 2,051,312; Aug. 18.
- Morgan, David W. R., Swarthmore, and J. W. McNulty, Ridley Park, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling apparatus. 2,033,844; Mar. 10.
- Morgan, Donald K. (See Feiler, K. E., and Morgan.)
- Morgan, E. R., et al. (See Harriman, William L., assignor.)
- Morgan, Earl D., Los Angeles, Calif. Muffler or scarf. 2,048,880; July 28.
- Morgan, Edwin. (See Norbury, A. L., and Morgan.)
- Morgan Engineering Company, The. (See Ball, Harvey W., assignor.)
- Morgan Engineering Company, The. (See Ball, H. W., Kloss, and Jeffries, assignors.)
- Morgan Engineering Company, The. (See Bigler, C. L., and Ball, assignors.)
- Morgan Engineering Company, The. (See Buck, H., and Ball, assignors.)
- Morgan Engineering Company, The. (See Hively, Ossian, assignor.)
- Morgan Engineering Company, The. (See Kloos, John, assignor.)
- Morgan, Erving B., assignor to American Seating Company, Grand Rapids, Mich. Clamp. 2,039,973; May 5.
- Morgan, Erving B., and M. Nuberg, assignors to American Seating Company, Grand Rapids, Mich. Sheet metal tubing. 2,039,824; May 5.
- Morgan, Erving B., and W. M. Hanson, assignors to American Seating Company, Grand Rapids, Mich. Easel. 2,044,589; June 16.
- Morgan, Everette K., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 2,030,888; Feb. 18.
- Morgan, Everette K., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool hydraulic control system. 2,051,052; Aug. 18.
- Morgan, George A., assignor to Sanford Mills, Sanford, Maine. Loom for weaving pile fabrics. 2,033,250; Mar. 10.
- Morgan, George A., assignor to Sanford Mills, Sanford, Maine. Weaving warp pile fabrics. 2,060,103; Nov. 10.
- Morgan, Gilbert. (See Herbert, James A., assignor.)
- Morgan, Guy J., Youngstown, Ohio. Apparatus for burning fuel. 2,057,276; Oct. 13.
- Morgan, Harry A. (See Crandall, L., Davis, and Lindquist, assignors.)
- Morgan, Howard, Baltimore, Md. Air compressor. 2,049,131; July 28.
- Morgan, Hugh D., Youngstown, Ohio. Artificial denture and making the same. 2,036,715; Apr. 7.
- Morgan, Hugh D., Youngstown, Ohio. Artificial denture and making the same. 2,057,341; Oct. 13.
- Morgan, John D., South Orange, N. J., assignor to Doherty Research Company, New York, N. Y. Combustion efficiency adjusting apparatus. 2,040,778; May 12.
- Morgan, John D., South Orange, N. J., assignor to Doherty Research Company, New York, N. Y. Motor timing method and apparatus. 2,043,931; June 9.
- Morgan, John D., South Orange, N. J., and A. P. Sullivan, Long Island City, assignors to Doherty Research Company, New York, N. Y. Gas analyzing process and apparatus. 2,057,246; Oct. 13.
- Morgan, John D., South Orange, N. J., and R. E. Lowe, New York, N. Y., assignors to Doherty Research Company, New York, N. Y. High temperature refractory. 2,061,099; Nov. 17.
- Morgan, John S., Jr. (See Gillett, F. L., and Morgan.)
- Morgan, John S., Jr. (See Young, F. J., Long and Morgan.)
- Morgan, John S., Jr., Inglewood, Calif., assignor, by mesne assignments, to The National Superior Company, Toledo, Ohio. Free expanding brake rim and water cooling circulating system for drawworks. 2,038,188; Apr. 21.
- Morgan, John S., Jr., Inglewood, and D. A. Murphy, Torrance, Calif., assignors to The National Superior Company, Toledo, Ohio. Swivel. 2,029,631; Feb. 4.
- Morgan, Lancelot R., Tucson, Ariz. Can opener. 2,031,845; Feb. 25.
- Morgan, Lancelot R., Tucson, Ariz. Beet handling machine. 2,056,286; Oct. 6.
- Morgan, Leigh F., Springfield, Mass. Temperature control apparatus. 2,034,053; Mar. 17.
- Morgan, Louis B., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Combination razor blade container and dispenser. 2,065,607; Dec. 29.
- Morgan, Marcella U., Streator, Ill. Carpet sweeper. 2,040,623; May 12.
- Morgan, Mathew B., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Driving axle mechanism. 2,043,006; June 2.
- Morgan, Mathew B., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Locking device. 2,052,241; Aug. 25.
- Morgan, Minnie E., Chicago, Ill. Dust collector for mops. 2,037,427; Apr. 14.
- Morgan, Otto H., Middle River, Calif. Fertilizer distributor. 2,034,876; Mar. 24.
- Morgan, Porter S., New York, assignor to Liberty Share Corporation, Buffalo, N. Y. Sight glass. 2,027,696; Jan. 14.
- Morgan, Porter S., Norwalk, Conn., assignor, by mesne assignments, to Liberty Share Corporation, Buffalo, N. Y. Correcting the measuring action of fluid meters. 2,035,182; Mar. 24.
- Morgan, Porter S., New York, assignor to Liberty Share Corporation, Buffalo, N. Y. Fluid meter. 2,043,963; June 9.
- Morgan, Porter S., Norwalk, Conn., assignor, by mesne assignments, to Liberty Share Corporation, Buffalo, N. Y. Apparatus for pumping liquid and separating gas therefrom. 2,046,904; July 7.
- Morgan, Raymond B., Hove, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Glow discharge tube for use for example in recording sound. 2,034,148; Mar. 17.
- Morgan, Russell, Fairfield, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Auto top material. 2,062,469; Dec. 1.
- Morgan, Swiney, O'Fallon, Ill. Burner and manifold assembly. 2,065,719; Dec. 29.
- Morgan, Thomas, La Jolla, Calif. Splash cover for beverage mixers. 2,051,883; Aug. 25.
- Morgan, Walter D., Ladysmith, Wis. Combined pulling, picking-up, and transporting attachment for excavators. 2,044,624; June 16.
- Morgan, Willard L., Nutley, N. J., assignor to Sylvania Industrial Corporation, New York, N. Y. Marked material. 2,034,308; Mar. 17.
- Morgan, Willard L., Nutley, N. J., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Preservation of substances. 2,043,860; June 9.
- Morgan, William H., assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for vacuumizing and gassing containers. 2,064,678; Dec. 15.
- Morgan, William J., Youngstown, Ohio. Adjustable gun butt. 2,066,218; Dec. 29.
- Morgenroth, Henri, Le Chesnay, France, assignor to N. V. De Schelde, Amsterdam, Netherlands. Shock absorber for vehicles. 2,046,527; July 7.
- Morgenstern, Charles E. (See Quinn, R. D., and Morgenstern.)
- Morgenstern, Charles E., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Ironing machine. 2,029,383; Feb. 4.
- Morgenstern, Emanuel B., et al. (See Théremin, Leon, assignor.)
- Moriarty, John J. (See Shaw, W. H., and Moriarty.)
- Morie, Titisanna A. (See Husted, Harry F., assignor.)
- Morin, Edward J., Omaha, Nebr. Nonrefillable bottle. 2,059,012; Oct. 27.
- Morin, Edward J., Omaha, Nebr. Audible road signal. 2,059,958; Nov. 3.
- Morin, George V., Pawtucket, R. I. Electric stop motion for looms. 2,045,364; June 23.
- Morin, Henry L., Holyoke, Mass. Safety feeding device for wringers. 2,029,936; Feb. 4.
- Morin, Henry L., Holyoke, Mass. Wringer. 2,039,439; May 5.
- Morin, Louis H., Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Spearable slide fastener and making the same. 2,063,515; Dec. 8.
- Morin, Louis H., assignor, by mesne assignments, to S. Sternau & Co., Inc., New York, N. Y. Inhaler. 2,064,314; Dec. 15.
- Morin, Louis H., and D. Marinsky, assignors to Whitehall Patents Corporation, New York, N. Y. Manufacturing fastener devices. 2,026,904; Jan. 7.
- Morins, Leon J. F., Lyon, France. Hair net. 2,042,908; June 2.
- Morita, Kikujiro, Paris, France. Coating glass sheets. 2,034,987; Mar. 24.
- Moritz, Adrian, J. L., assignor to American Enka Corporation, Enka, N. C. Manufacture of artificial silk. 2,064,076; Dec. 15.
- Moritz, Adrian J. L., and J. J. Schilthuis, assignors to American Enka Corporation, Enka, N. C. Manufacture of artificial silk and by-product recovery therefrom. 2,042,016; May 26.
- Moritz-Bennett Corporation. (See Porter, K. W., and Moritz, Charles J. and E. A., assignors.)
- Moritz, Burt E., Jr. (See Boyd, J., and Moritz.)
- Moritz, Charles J. (See Porter, K. W., and Moritz, Charles J. and E. A.)
- Moritz, Ernest A. (See Porter, K. W., and Moritz, Charles J. and E. A.)



- Moritz, March R., Sale Moor, and T. C. R. Shepherd, Manchester, England, assignors to General Electric Company. Welding flux. 2,052,400; Aug. 25.
- Morkovski, James. (See Benjamin, B. R., and Morkovski.)
- Morley, Charles E., Detroit, Mich. Steam heater for automotive vehicles. 2,054,578; Sept. 15.
- Morley, Charles E., Detroit, Mich. Vehicle tank construction. 2,054,706; Sept. 15.
- Morley, Charles E., Detroit, Mich. Generator for use with internal combustion engines. 2,061,002; Nov. 17.
- Morneau, Louis, Brooklyn, N. Y., E. J. Lyda, Youngstown, Ohio, and T. J. Niutta, Brooklyn, N. Y. Automatic heater for motor vehicles. 2,065,720; Dec. 29.
- Moroney, T. J. (See de Neergaard, Leif E., assignor.)
- Morphy, John A., Oshawa, Ontario, Canada, assignor to The Firman L. Carswell Manufacturing Company, Kansas City, Kans. Corrugated metal culvert. 2,062,188; Nov. 24.
- Morrall, John, Marion, assignor of one-half to W. W. and S. E. Morrall, Morrall, Ohio. Labeling machine. 2,039,825; May 5.
- Morrall, Samuel E., et al. (See Morrall, John, assignor.)
- Morrall, Samuel E., and W. W. Morrall, Morrall, Ohio. Corn husking machine. 2,031,277; Feb. 18.
- Morrall, William W., et al. (See Morrall, John, assignor.)
- Morrall, William W. (See Morrall, Samuel E. and W. W.)
- Morrall, William L., Buffalo, N. Y. Multiple spindle screw machine. 2,061,586; Nov. 24.
- Morreau, Henri, Queen Charlotte City, British Columbia, Canada. Engine. 2,050,578; Aug. 11.
- Morrell, J. C. (See Egloff, G., and Morrell, assignors.)
- Morrell, Jacques C. (See Egloff, G., and Morrell.)
- Morrell, Jacques C., Oak Park, Ill. Making nonstructural
- Morrell, Jacques C., Oak Park, Ill. Making nonstructural
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Refining of petroleum oil. 2,027,648; Jan. 14.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,029,115; Jan. 28.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oil. 2,029,785; Feb. 4.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of acetylene. 2,030,070; Feb. 11.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 2,033,145; Mar. 10.
- Morrell, Jacques C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,034,197; Mar. 17.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treating hydrocarbons. 2,035,910; Mar. 31.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon gases. 2,039,440; May 5.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon gases. 2,039,441; May 5.
- Morrell, Jacques C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,045,234; June 23.
- Morrell, Jacques C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,049,016; July 28.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oil. 2,055,015; Sept. 22.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,055,875; Sept. 29.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,057,631; Oct. 13.
- Morrell, Jacques C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,058,488; Oct. 27.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oil. 2,061,845; Nov. 24.
- Morrell, Jacques C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,063,112; Dec. 8.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,063,113; Dec. 8.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,063,114; Dec. 8.
- Morrell, Jacques C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Stabilizing gasoline and the like. 2,063,516; Dec. 8.
- Morrell, Jacques C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,064,846; Dec. 22.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,064,847; Dec. 22.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of resins. 2,066,120; Dec. 29.
- Morrell, Jacques C., and G. Egloff, assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,040,395; May 12.
- Morrell, Jacques C., and G. Egloff, assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,040,396; May 12.
- Morrell, Jacques C., and G. Egloff, assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,057,629; Oct. 13.
- Morrell, Jacques C., and G. Egloff, assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,057,630; Oct. 13.
- Morrell, Jacques C., and G. Egloff, assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,063,517; Dec. 8.
- Morrell, Jacques C., and G. Egloff, assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,063,518; Dec. 8.
- Morrell, John A., Greer, S. C. Sensitized evenner motion for pickers. 2,026,905; Jan. 7.
- Morrell, Samuel T., and H. G. St. V. Beechey, Auckland, New Zealand. Printing cylinder of rotary duplicating machines. 2,026,906; Jan. 7.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon shoes. 2,040,756; May 12.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 2,041,945; May 26.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon shoes. 2,050,499; Aug. 11.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe machine. 2,059,013; Oct. 27.
- Morrill, Frank B., assignor to The James Hunter Machine Company, North Adams, Mass. Tenter drier. 2,027,317; Jan. 7.
- Morrill, Wayne J., Fort Wayne, Ind. Game. 2,039,332; May 5.
- Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Condenser motor. 2,033,047; Mar. 3.
- Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Double-voltage split-phase motor. 2,036,819; Apr. 7.
- Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Induction motor secondary. 2,037,532; Apr. 14.
- Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Belt tightener base. 2,048,510; July 21.
- Morris, Albert M. (See Hentzell, H. H., and Morris.)
- Morris, Albert M. (See Hentzell, H. H., and Morris.)
- Morris, Albert W., Springfield, Mass. Method of casting metals. 2,042,409; May 26.
- Morris, Albert W., Springfield, Mass. Metal product and making it. 2,051,454; Aug. 18.
- Morris, Alfred E., Morris, Ill. Release mechanism. 2,036,953; Apr. 7.
- Morris, Charles, assignor to The National Rock Drill Company, Denver, Colo. Rock drill. 2,051,053; Aug. 18.
- Morris, Clarence P., Silver Spring, Md. Dispensing device. 2,066,121; Dec. 29.
- Morris, Douglas C., and L. O. Cockrill, assignors to Fruit Packers Supply and Equipment Company, Yakima, Wash. Fruit and vegetable washing machine. 2,033,848; Mar. 10.
- Morris, G., Woodson. (See Rahlmann, Frederick C., assignor.)
- Morris, George J., Los Angeles, Calif. Valve mechanism. 2,033,442; Mar. 10.
- Morris, George J., Los Angeles, Calif. Bathtub stopper. 2,044,253; June 16.
- Morris, George V., Eugene, Oreg., assignor to The New York Air Brake Company. Braking system. 2,036,430; Apr. 7.
- Morris, Harold W., Waltham, Mass., assignor, by mesne assignments, to The Singer Manufacturing Company, Elizabethport, N. J. Binding wire or the like. 2,027,746; Jan. 14.
- Morris, Harry P., San Diego, Calif. Shrinking articles. 2,038,592; Apr. 28.
- Morris, Herbert N., Broxbourne, assignor to Rucel Limited, London, England. Printing ink. 2,036,768; Apr. 7.
- Morris, Howard I., Lakewood, Ohio, assignor, by mesne assignments, to Overhead Door Corporation, Hartford City, Ind. Door and door-way construction. 2,062,899; Dec. 1.
- Morris, James R., Perrysburg, Ohio. Bottle closure. 2,047,284; July 14.
- Morris, Laura B., executrix. (See Morris, William L., assignor.)
- Morris, Marion W. (See Catron, H., Dashner, and Morris.)
- Morris, Marion W., assignor to R-B-M Manufacturing Company, Logansport, Ind. Switch. 2,056,015; Sept. 29.
- Morris, Natalie, Plaquemine, La. Roasting pan rack. 2,056,109; Sept. 29.
- Morris Paper Mills. (See Barnard, Earl W., assignor.)
- Morris Paper Mills. (See Powell, Henry K., assignor.)



- Morris, Pratt C., assignor of sixty one-hundredths to W. R. Bedingfield, Augusta, and ten one-hundredths to W. L. Carmichael, Morgan County, Ga. Fastening device. 2,054,060; Sept. 8.
- Morris, Robert M. (See Hanson, O. B., and Morris.)
- Morris, Robert M., Millburn, N. J., assignor to Radio Corporation of America. Acoustic time delay system. 2,039,104; Apr. 28.
- Morris, Roy K., Charleston, W. Va. Mechanical movement. 2,042,116; May 26.
- Morris, Thomas C., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Rubber derivative. 2,064,763; Dec. 15.
- Morris, Warren, A. (See Rowe, W. W., and Morris.)
- Morris, Will E. (See Huck, L. C., Chapman, Morris, and Miller.)
- Morris, Will E. (See Huck, L. C., and Morris.)
- Morris, Will E., assignor, by mesne assignments, to Huxon Holding Corporation, Detroit, Mich. Rivet and setting same. 2,038,189; Apr. 21.
- Morris, William L., deceased, Chicago, Ill., L. B. Morris, executrix. Draft controller. 2,061,587; Nov. 24.
- Morris, William R., Boise, Idaho. Hydraulic power de-
- Morrison, Alexander L. (See Lantz, L. A., and Morrison.)
- Morrison, Charles C., Great Neck, N. Y. Artist's painting board. 2,037,038; Apr. 14.
- Morrison, Edward A., Fairfax, Calif. Fluid fuel burner. 2,040,523; May 12.
- Morrison, Ethel H. (See Kline, W., assignor, and Brubaker.)
- Morrison, Frank A., et al., trustees. (See Dahl, Edward T., assignor.)
- Morrison, Frank A., trustees et al. (See Colby, Harold L., assignor.)
- Morrison, George E., Two Harbors, Minn. Inhaler. 2,051,098; Aug. 18.
- Morrison, George O., F. W. Skirrow, and K. G. Blaikie, Shawinigan Falls, Quebec, assignors to Canadian Electro Products Company, Limited, Montreal, Quebec, Canada. Vinyl ester resins and making same. 2,036,092; Mar. 31.
- Morrison, Harry, Detroit, Mich. Laboratory apparatus. 2,045,866; June 30.
- Morrison, Harry L., Los Angeles, Calif., assignor to American Manganese Steel Company, Chicago Heights, Ill. Box type cap for excavating teeth. 2,050,014; Aug. 4.
- Morrison, Harry S., Auburn, R. I., assignor, by mesne assignments, to Republic Metalware Company, Buffalo, N. Y. Toasting machine. 2,028,944; Jan. 28.
- Morrison, Howard. (See Browne, B. O., and Morrison.)
- Morrison, James H., Los Angeles, Calif. Metronome. 2,048,881; July 28.
- Morrison, James J., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Cable. 2,049,073; July 28.
- Morrison, James J., and C. W. Walker, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Cable. 2,032,712; Mar. 3.
- Morrison, Julian K., Rome, assignor to Southern Brighton Mills, Shannon, Ga. Cloth house. 2,051,643; Aug. 18.
- Morrison, Laurence W., Whitefish Bay, Wis. Shoe and shoemaking method. 2,057,839; Oct. 20.
- Morrison, Luther E., New York, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,038,750; Apr. 28.
- Morrison, Montford, Montclair, N. J., assignor to Westinghouse X-Ray Company, Inc. Radiographic plate changer. 2,026,907; Jan. 7.
- Morrison, Montford, Montclair, N. J., assignor to Westinghouse X-Ray Company, Inc. X-ray system for reducing steepness of wave front. 2,029,436; Feb. 4.
- Morrison, Montford, Montclair, N. J., assignor to Westinghouse Lamp Company. Electric switch. 2,036,069; Mar. 31.
- Morrison, Montford, Montclair, N. J., assignor to Westinghouse X-Ray Company, Inc. X-ray exposure timer. 2,036,070; Mar. 31.
- Morrison, Montford, Montclair, N. J., assignor to Westinghouse X-Ray Company, Inc. X-Ray tube shield. 2,063,329; Dec. 8.
- Morrison, Okey J., Charleston, W. Va. Road divide. 2,066,219; Dec. 29.
- Morrison, Orry C., Carroll, Iowa. Photographic emulsion. 2,038,307; Apr. 21.
- Morrison, R. H., et al. (See McCarty, Maddison P., assignor.)
- Morrison, Robert F. (See Hernlund, J. W., Marchev and Morrison.)
- Morrison, Simon, New York, N. Y. Vanity case. 2,041,259; May 19.
- Morrison, Simon, New York, N. Y. Vanity case. 2,041,260; May 19.
- Morrison, Thomas P., Blackwell, Okla. Condenser cleaning machine. 2,051,569; Aug. 18.
- Morrison, Willard L., Lake Forest, Ill. Automobile bumper device. 2,028,945; Jan. 28.
- Morrison, Willard L., Lake Forest, Ill. Vehicle wind deflector. 2,040,624; May 12.
- Morrison, Willard L., Lake Forest, Ill. Arm rest. 2,043,626; June 9.
- Morrison, Willard L., Lake Forest, Ill. Vehicle windshield. 2,043,672; June 9.
- Morrison, Willard L., Lake Forest, Ill. Protective device for motor vehicles. 2,050,015; Aug. 4.
- Morrison, Willard L., Lake Forest, Ill. Air cooling, circulating, and controlling device and process. 2,062,187; Nov. 24.
- Morrison, Willard L., Lake Forest, Ill. Bumper device for vehicles. 2,062,327; Dec. 1.
- Morrison, Willard L., Lake Forest, Ill. Bumper device for automobiles. 2,062,328; Dec. 1.
- Morrison, Willard L., Chicago, Ill. Automobile door. 2,056,202; Oct. 6.
- Morrison, Willard L., Chicago, Ill. Window for vehicles. 2,059,015; Oct. 27.
- Morrison, Willard L., assignor to Dole Valve Company, Chicago, Ill. Refrigerating apparatus. 2,053,100; Sept. 1.
- Morrison, William A., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve mechanism for rock drills. 2,051,616; Aug. 18.
- Morriss, Henry A., deceased, Palisades Park, N. J., L. S. Morriss, administratrix. Chronograph. 2,054,333; Sept. 15.
- Morriss, Leonora S., administratrix. (See Morriss, Henry A.)
- Morrisette, Emery, assignor of one-half to O. Leclerc, Montreal, Quebec, Canada. Door check and closer. 2,059,385; Nov. 3.
- Morrissey, John G. (See Reeder, N. S., and Morrissey.)
- Morrissey, William J., Brooklyn, N. Y. Combination projector and sound-reproducing assembly. 2,027,191; Jan. 7.
- Morrissey, William J., Brooklyn, N. Y. Light concentrate method and means. 2,031,971; Feb. 25.
- Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Heat transfer means. 2,034,822; Mar. 24.
- Morrow, Clifford, assignor to The H. H. Miller Industries Company, Canton, Ohio. Freezing mechanism. 2,050,975; Aug. 11.
- Morrow, Clifford, assignor to The H. H. Miller Industries Company, Canton, Ohio. Float switch. 2,055,501; Sept. 29.
- Morrow, James D., Benton Harbor, Mich. Mole trap. 2,060,947; Nov. 17.
- Morrow, Mont B., Seattle, Wash. Automatic whistle control for locomotive. 2,038,847; Apr. 28.
- Morsbach, Kurt, Berlin-Grunewald, Germany. Motion picture camera. 2,029,736; Feb. 4.
- Morschel, Heinrich. (See Haller, O., and Morschel.)
- Morschel, Heinrich. (See Neelmeier, W., Meiser, Goll, and Morschel.)
- Morschel, Heinrich. (See Neelmeier, W., and Morschel.)
- Morschel, Heinrich, Cologne-Deutz, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Water-insoluble azodyestuffs. 2,034,054; Mar. 17.
- Morschel, Heinrich, Cologne-Deutz, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Arylamides of 5, 6, 7, 8-tetrahydro-2-hydroxynaphthalene-3-carboxylic acid. 2,040,397; May 12.
- Morse, Andrew J., & Son, Inc. (See Lawton, M. W., and Johnson, assignors.)
- Morse Boulger Destructor Company. (See Mann, Arthur H., assignor.)
- Morse, Daniel S., Swarthmore, Pa. Adhesive. 2,047,880; July 14.
- Morse, Earle H. (See McKee, R. H., and Morse.)
- Morse, Frank L., Ithaca, N. Y. Bridge scorekeeper. 2,058,614; Oct. 27.
- Morse, George P., and L. Lidsky, Brooklyn, N. Y. Hand truck. 2,044,363; June 16.
- Morse, Harold F., Southport, Conn., assignor to General Electric Company. Bearing structure for electric motors and the like. 2,059,891; Nov. 3.
- Morse, James W., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Method and apparatus for determining alignment of dirigible vehicle wheels. 2,046,529; July 7.
- Morse, James W., and A. I. Moore, Lansing, Mich., assignors to Food Machinery Corporation, San Jose, Calif. Automobile wheel aligning device. 2,046,528; July 7.
- Morse, James W., and C. S. Phillips, Lansing, Mich., assignors to Food Machinery Corporation, San Jose, Calif. Automobile wheel aligning apparatus. 2,061,326; Nov. 17.
- Morse, Lawrence H., assignor to Multigraph Company, Cleveland, Ohio. Inking mechanism for printing machines. 2,033,950; Mar. 17.
- Morse, Lawrence H., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Planographic printing machine. 2,065,535; Dec. 29.
- Morse, Leland R., Chicago, Ill. Laundry package. 2,026,645; Jan. 7.
- Morse, Lynn H., Natick, Mass. Valve. 2,035,497; Mar. 31.
- Morse, Robert D., Seattle, Wash. Valve. 2,057,904; Oct. 20.
- Morse, Robert V., New York, N. Y. Control means for brakes. 2,035,614; Mar. 31.
- Morse, Roy W., and L. A. Wood, Seattle, assignors to Boeing Airplane Company, Seattle, Wash. Retractable landing gear. 2,065,146; Dec. 22.
- Morse, Shirley P. (See Gilbert, A. C., and Morse.)
- Morse, Sidney H., assignor to Wood, Mallabar and Company Limited, London, England. Apparatus for developing sensitized layers. 2,047,104; July 7.
- Morse, Sterne, Richmond Heights, Ohio. Heat distribution. 2,040,869; May 19.
- Morse, Ted B. (See Newhall, C. W., Jr., and Morse.)



- Mortensen, Cornelius, Louisville, Ky. Heat exchange apparatus. 2,056,581; Oct. 6.
- Mortensen, Peter E. (See Mitchell, M. E., Mortensen, and Fowler.)
- Morton, Adalbert R. (See Jeandron, H. T., and Morton.)
- Morton, Allen W., assignor to The Bartlett Hayward Company, Baltimore, Md. Packing ring. 2,035,435; Mar. 24.
- Morton, Avery A., Watertown, and J. R. Stevens, Cambridge, Mass. Preparation of dyestuffs of the triphenylmethane series and related substances. 2,029,830; Feb. 4.
- Morton, Avery A., Watertown, Mass. Removal of sulphur compounds from hydrocarbons. 2,064,558; Dec. 15.
- Morton, Benjamin A., New York, N. Y. Ventilating device. 2,029,116; Jan. 28.
- Morton, Benjamin A., New York, N. Y. Ventilating device. 2,039,826; May 5.
- Morton, Brayton. (See Carter, William W., assignor.)
- Morton, Charles, Pawtucket, R. I. Weighting means for spinning frames. 2,032,298; Feb. 25.
- Morton, Charles, Pawtucket, R. I. Spinning frame. 2,043,765; June 9.
- Morton, Charles D., River Forest, assignor to Morton Manufacturing Company, Chicago, Ill. Steel door. 2,058,711; Oct. 27.
- Morton, Edmund R. (See Fetter, C. H., Morton, and Stoller.)
- Morton, Edmund R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric resistance device. 2,030,460; Feb. 11.
- Morton, Edmund R., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Synchronizing system. 2,050,363; Aug. 11.
- Morton, Edmund R., assignor, by mesne assignments, to Western Electric Company, Incorporated, New York, N. Y. Motor control circuit. 2,050,624; Aug. 11.
- Morton, Harold A., Akron, Ohio. Age resisting vulcanized rubber and antioxidant agent. 2,058,615; Oct. 27.
- Morton, Harold S., assignor to The Stott Stoker Company, St. Paul, Minn. Stoker controlling device. 2,031,120; Feb. 18.
- Morton, Harold S., assignor to The Stott Stoker Company, St. Paul, Minn. Hydraulic controller. 2,047,832; July 14.
- Morton, Henry E., Muskegon Heights, Mich. Mechanical counterbalance. 2,057,247; Oct. 13.
- Morton, John F., New Orleans, La., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Series lamp socket. 2,050,364; Aug. 11.
- Morton, Lawrence D., Sandusky, Ohio, assignor to The Hinde and Dauch Paper Company. Joined structure. 2,027,747; Jan. 14.
- Morton, Lysle W., Schenectady, N. Y., assignor to General Electric Company. Starting means for vapor electric apparatus. 2,059,014; Oct. 27.
- Morton Manufacturing Company. (See Morton, Charles D., assignor.)
- Morton Salt Company. (See Hardy, Elbert C., assignor.)
- Morton, William A., Pittsburgh, Pa. Feeder. 2,038,190; Apr. 21.
- Morton, William A., Pittsburgh, Pa. Glass feeder. 2,059,889; Nov. 3.
- Morton, William A., assignor to Amco, Incorporated, Pittsburgh, Pa. Luminous flame heating. 2,056,531; Oct. 6.
- Morton, William A., Pittsburgh, assignor to Amco, Incorporated, Pittsburgh, Pa. Combination annealing and decorating leer. 2,058,171; Oct. 20.
- Morton, William A., assignor to Amco, Incorporated, Pittsburgh, Pa. Forehearth structure. 2,061,367; Nov. 17.
- Morton, William A., Mount Lebanon, and H. F. Spencer, assignors to Amco, Incorporated, Pittsburgh, Pa. Continuous furnace. 2,056,904; Oct. 6.
- Morway, Arnold J. (See Miller, F. L., and Morway.)
- Morway, Arnold J. (See Zimmer, J. C., and Morway.)
- Mory, Albert J. (See Schmidt, S. W., and Mory.)
- Mosby, Gilbert H., assignor to Indo-Vin Corporation, Cincinnati, Ohio. Container for medicine tablets. 2,049,921; Aug. 4.
- Moschel, Wilhelm, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Electrolytic process for producing magnesium. 2,055,359; Sept. 22.
- Mose, Josef F., Point Loma, Calif. Can wrapping and labeling machine. 2,034,727; Mar. 24.
- Mose, Josef F., assignor of forty-five per cent to A. Krause, Point Loma, Calif. Saw filing machine. 2,064,353; Dec. 15.
- Mosebach, Karl J., Pittsburgh, Pa. Trolley wire splicer. 2,053,160; Sept. 1.
- Mosel, Joseph H., assignor to The Jaeger Machine Company, Columbus, Ohio. Road finishing apparatus. 2,038,498; Apr. 21.
- Mosel, Joseph H., assignor to The Jaeger Machine Company, Columbus, Ohio. Apparatus for building roads. 2,054,436; Sept. 15.
- Mosel, Joseph H., assignor to The Jaeger Machine Company, Columbus, Ohio. Apparatus for building roads. 2,054,437; Sept. 15.
- Mosel, Joseph H., assignor to The Jaeger Machine Company, Columbus, Ohio. Cart. 2,061,327; Nov. 17.
- Moseley, Charles F., Bartlesville, Okla. Rod packing device and rod guide. 2,056,687; Oct. 6.
- Moseley, Francis L., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Antihunting positional control. 2,040,014; May 5.
- Moseley, Tomlinson I., San Francisco, Calif. Hair curler. 2,060,102; Nov. 10.
- Moseley, Tomlinson I., San Francisco, Calif. Release for hair curlers. 2,063,519; Dec. 8.
- Moseley, Tomlinson I., assignor to Dalmo Sales Corporation, San Francisco, Calif. Venetian blind. 2,054,164; Sept. 15.
- Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Sweetening process. 2,031,972; Feb. 25.
- Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Refining mineral oils. 2,055,416; Sept. 22.
- Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Lowering the pour point of mineral oils. 2,055,417; Sept. 22.
- Moser, Jesse R. (See de Coriolis, E. G., and Moser.)
- Moser, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna system. 2,033,390; Mar. 10.
- Moser, Wilhelm, Riehen, and W. Fioroni, Binningen, Switzerland, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Vat-dyestuffs of the anthraquinone series and making the same. 2,031,058; Feb. 18.
- Moser, Wilhelm, Riehen, and W. Fioroni, Binningen, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Preparing brominated methybenzanthrones. 2,034,629; Mar. 17.
- Moser, Wilhelm, Riehen, near Basel, and W. Fioroni, Binningen, near Basel, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Highly condensed heterocyclically bound anthraquinone derivatives containing nitrogen and making same. 2,046,423; July 7.
- Moses, Adolph. (See Liebowitz, B., and Moses.)
- Moses, Frederick G., New York, R. W. Hess, Buffalo, and R. L. Perkins, East Aurora, assignors to The Barrett Company, New York, N. Y. Flotation of minerals. 2,027,357; Jan. 7.
- Moses, Jacob M. (See Fry, Ernest T., assignor.)
- Moses, Jacob M., Baltimore, Md. Safety razor. 2,032,999; Mar. 3.
- Moses, John, Storm Lake, Iowa. Electric water heater. 2,033,443; Mar. 10.
- Mosgoffian, James H., New York, N. Y. Automobile cover. 2,048,461; July 21.
- Mosgrove, Charles A., Waterbury, assignor to The Autoyre Company, Watertown, Conn. Buckle. 2,065,284; Dec. 22.
- Moshier, Edson G., assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Printing machine having a type impression inking ribbon. 2,053,675; Sept. 8.
- Mosler Ignition Corporation. (See Kasarjian, Armen A., assignor.)
- Mosler Safe Co. (See Murtaugh, John J., Jr., assignor.)
- Mosley, Alfred J., Aurora, Ill. Separating device. 2,044,915; June 23.
- Moss, Benjamin F. (See Smart, N. C., and Moss.)
- Moss, Cleveland O., Drumright, assignor of one-half to R. K. Huey, Tulsa, Okla. Tubing plug valve. 2,041,508; May 19.
- Moss, Douglas G. K., Sanderstead, England. Gyroscopic navigation instrument. 2,036,229; Apr. 7.
- Moss, Elizabeth, Roscoe, Calif. Machine for forming pies and the like. 2,055,726; Sept. 29.
- Moss, Frederick A., Clarendon, Va., H. C. Dickinson, Washington, D. C., and R. W. Brown, Akron, Ohio. Wabblemeter. 2,052,789; Sept. 1.
- Moss, Henry V. (See Snell, F. D., and Moss.)
- Moss, Henry V., St. Louis, Mo., assignor to Swann Research, Incorporated. Granular product conditioner and products made therewith. 2,030,461; Feb. 11.
- Moss, Herbert H., Brooklyn, N. Y., assignor to The Linde Air Products Company. Welded joint and making same. 2,038,439; Apr. 21.
- Moss, John B., Providence, R. I., assignor to Kennecott Wire and Cable Company. Wire drawing apparatus. 2,054,061; Sept. 8.
- Moss, Joseph, Woonsocket, R. I., assignor to Whitin Machine Works, Whitinsville, Mass. Comb box for cards. 2,033,891; Mar. 10.
- Moss, Joseph, North Smithfield, Mass., assignor to Whitin Machine Works, Whitinsville, Mass. Grid bar for cotton opening machinery. 2,034,664; Mar. 17.
- Moss, Joseph D., and H. T. Gittings, Denver, Colo. Sink flusher. 2,050,365; Aug. 11.
- Moss, William H., London, England, assignor to Celanese Corporation of America. Composition of matter containing synthetic resin. 2,050,366; Aug. 11.
- Moss, William H., London, England, assignor to Celanese Corporation of America. Electrical conductor. 2,057,688; Oct. 20.
- Moss, William H., London, England, assignor to Celanese Corporation of America. Electrical conductor. 2,057,689; Oct. 20.
- Moss, William H., London, England, assignor to Celanese Corporation of America. Electrical conductor. 2,057,690; Oct. 20.
- Mossay, Paul A. H., Norwich, England. Cooling tube for dynamo-electric machines. 2,062,470; Dec. 1.



- Mossberg, Frank, Attleboro, Mass., assignor to Mossberg Pressed Steel Corporation. Beam with adjustable head. 2,027,748; Jan. 14.
- Mossberg, Frank, Attleboro, Mass., assignor to Mossberg Pressed Steel Corporation. Spool. 2,034,480; Mar. 17.
- Mossberg, Frank, Attleboro, Mass., assignor to Mossberg Pressed Steel Corporation. Warp beam. 2,045,283; June 23.
- Mossberg, Frank, Attleboro, Mass., assignor to Mossberg Pressed Steel Corporation. Swift. 2,059,741; Nov. 3.
- Mossberg, Frank, and R. V. Olson, Attleboro, Mass., assignors to Mossberg Pressed Steel Corporation. Beam. 2,027,749; Jan. 14.
- Mossberg, Harold F., assignor to O. F. Mossberg & Sons, Incorporated, New Haven, Conn. Gun sight. 2,061,040; Nov. 17.
- Mossberg, Iver O., West Haven, assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Firearm sight. 2,030,312; Feb. 11.
- Mossberg, O. F., & Sons, Incorporated. (See Mossberg, Harold F., assignor.)
- Mossberg, O. F., & Sons, Inc. (See Mossberg, Iver O., assignor.)
- Mossberg, O. F., & Sons, Inc. (See Mossberg, Oscar F., assignor.)
- Mossberg, Oscar F., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Upturn-and-pullback bolt-action firearm. 2,030,149; Feb. 11.
- Mossberg Pressed Steel Corporation. (See Mossberg, Frank, assignor.)
- Mossberg Pressed Steel Corporation. (See Mossberg, F., and Olson, assignors.)
- Mossberg Pressed Steel Corporation. (See Olson, Robert V., assignor.)
- Mossberg Pressed Steel Corporation. (See Olson, R. V., and Johnson, assignors.)
- Mossberg Pressed Steel Corporation. (See Olson, R. V., and Radlauer, assignors.)
- Mosshart, Donald J., Springfield, assignor to Westinghouse Electric Manufacturing Company, East Pittsburgh, Pa. Clinker grinder. 2,043,328; June 9.
- Mosshart, Donald J., Springfield, and R. A. Foresman, Moores, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steam generator reheater. 2,064,444; Dec. 15.
- Mossner, Bertha, administratrix. (See Mossner, Peter C.)
- Mossner, Peter C., deceased, by B. Mossner, administratrix, Saginaw, Mich. Drop cabinet. 2,037,479; Apr. 14.
- Moster, Fritz, Pirmasens/Rheinpfalz, Germany. Guide and feed device on sewing machines. 2,053,572; Sept. 8.
- Mostkoff, Morris, New York, N. Y. Automobile tire. 2,027,056; Jan. 7.
- Mostkoff, Morris, New York, N. Y. Coffee container. 2,032,763; Mar. 3.
- Motch & Merryweather Machinery Company. (See Merryweather, George E., assignor.)
- Moth King Corporation. (See Wade, Marion E., assignor.)
- Motion, Inc. (See Dixn, Ramon V., assignor.)
- Motion Displays, Inc. (See Brown, Gynne O., assignor.)
- Motion Displays, Inc. (See Withworth, James, assignor.)
- Motion Picture Engineering Company. (See Lee, Ralph L., assignor.)
- Moto Meter Gauge & Equipment Corporation. (See Cheney, M. E., and Brietzke, assignors.)
- Moto Meter Gauge & Equipment Corporation. (See Middleton, Leslie H., assignor.)
- Moto Meter Gauge & Equipment Corporation. (See Miner, Robert G., Jr., assignor.)
- Moto-Mower Company, The. (See George, E. S., and Blydenburgh, assignors.)
- Moto-Mower Co., The. (See Keller, Kirk L., assignor.)
- Motol, Inc. (See Shinkle, Vincent G., assignor.)
- Motor Appliance Company. (See Griffin, G. O., and Batchelor, assignors.)
- Motor Devices, Inc. (See Trail, Herbert H., assignor.)
- Motor Improvements, Inc. (See Liddell, Robert P. F., assignor.)
- Motor Improvements, Inc. (See Liddell, R. P. F., and Williams, assignors.)
- Motor Parts Company. (See Havas, Denes, assignor.)
- Motor Products Corporation. (See Kellogg, Homer G., assignor.)
- Motor Products Corporation. (See Lewellen, Chester L., assignor.)
- Motor Terminals Company. (See Fitch, Benjamin F., assignor.)
- Motor Terminals Company. (See Norbom, Ragnar A., assignor.)
- Motor Wheel Corporation. (See Horn, Harry J., assignor.)
- Motor Wheel Corporation. (See Hunt, J. Harold, assignor.)
- Motor Wheel Corporation. (See Hunt, J. H., and Schweizer, assignors.)
- Motor Wheel Corporation. (See Johnson, Stanley N., assignor.)
- Motor Wheel Corporation. (See Nelson, Emil A., assignor.)
- Motor Wheel Corporation. (See Platt, Howard I., assignor.)
- Motor Wheel Corporation. (See Tower, Elmer V. J., assignor.)
- Motor Wheel Corporation. (See Van Halteren, Andrew S., assignor.)
- Motson, William T., Sr., Philadelphia, Pa. Printing plate. 2,048,631; July 21.
- Mott, Bertram L., Trenton, N. J. Cable shortener. 2,049,074; July 28.
- Mott, Chester, Denver, Colo., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Pressure regulator. 2,036,601; Apr. 7.
- Mott, Everett V., Metuchen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Circuit protecting system. 2,046,962; July 7.
- Mott, George A., and C. C. Jones; said Jones assignor of his right to H. S. Lynn, Santa Monica, Calif. Solvent recovery device. 2,032,299; Feb. 25.
- Mottlau, August J., Pittsburgh, Pa., assignor to General Plate Company, Attleboro, Mass. Snap acting device. 2,041,775; May 26.
- Mottlau, August J., assignor to Julius E. Foster, Pittsburgh, Pa. Clutch. 2,055,239; Sept. 22.
- Mottram, Elliott T., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Record projector. 2,046,695; July 7.
- Mottweiler, Oliver F., Alexandria, Ind. Machine for making insulating material. 2,029,081; Jan. 28.
- Motycka, Joseph, Larchmont, assignor to J. G. DeRemer, New York, N. Y. Washing machine. 2,033,146; Mar. 10.
- Mougey, Wilbur E., Cranford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coaxial conductor system. 2,035,274; Mar. 24.
- Mouillau, Jules, assignor to Société du Caoutchouc Manufacturé, Paris, France. Apparel belt. 2,030,018; Feb. 4.
- Moulded Pulp Corporation. (See Plunkett, Paul, assignor.)
- Moulet, Jean L. L. A. A., Boulogne-sur-Seine, assignor to Martin Moulet & Cie., Oullins (Rhône) France. Pump. 2,040,667; May 12.
- Moulet, Martin, & Cie. (See Moulet, Jean L. L. A. A., assignor.)
- Moullin, Eric B., Oxford, England, assignor to Radio Corporation of America. Thermionic oscillation generator. 2,031,224; Feb. 18.
- Moulthrop, Louis S., et al. (See Jaques, Fernando O., assignor.)
- Moulton, Geo., Limited. (See Varley, G. P., and Clarke, assignors.)
- Moulton, Harley C., Maplewood, assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Combined seaming and pinking machine. 2,031,545; Feb. 18.
- Moulton, Harold R. (See Tillyer, E. D., and Moulton.)
- Moulton, Harold R., Sturbridge, Mass., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 2,050,540; Aug. 11.
- Moulton, Harold R., Sturbridge, assignor to American Optical Company, Southbridge, Mass. Hardened vitreous article. 2,060,104; Nov. 10.
- Moulton Ladder Manufacturing Company. (See Levy, William, assignor.)
- Mountain Copper Company, The. (See Maier, Charles G., assignor.)
- Mountjoy, Garrard, Jackson, Mich., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Oscillator-detector. 2,049,777; Aug. 4.
- Mountjoy, Golda A., Natural Bridge, Ky. Combined ash-tray and extinguisher. 2,059,137; Oct. 27.
- Mourontseff, Ila E., and H. V. Noble, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Standing wave oscillating system. 2,032,181; Feb. 25.
- Mourontseff, Ila E., Wilkinsburg, Pa., and G. V. Rylsky, New York, N. Y., assignors to Westinghouse Electric and Manufacturing Company. Water cooled vacuum tube. 2,060,519; Nov. 10.
- Mousseau, Emile S., Ottawa, assignor to G. B. Jenkinson, Prescott, Ontario, Canada. Hose support. 2,051,278; Feb. 18.
- Moussette, Oliver J., Sr., Queens Village, N. Y. Mixer. 2,056,582; Oct. 6.
- Moussette, Oliver J., Sr., Queens Village, N. Y. Combined crusher, pulverizer, and screen. 2,056,583; Oct. 6.
- Movietonews, Inc. (See Sponable, Earl I.)
- Mowery, Harold W., Mahwah, N. J. Wear resistant metal body. 2,049,778; Aug. 4.
- Mowrey, Lester D., assignor of twenty-five per cent to R. Decker, Wichita Falls, Tex. Valve. 2,053,917; Sept. 8.
- Mowry, Charles W., trustee. (See Ruge, Arthur C., assignor.)
- Mowry, Edward. (See Johnson, A. E. W., and Mowry.)
- Mowry, Otto D., Evanston, Ill., assignor to I. Newman & Sons, Inc., New Haven, Conn. Corset. 2,045,401; June 23.
- Mox, George F. (See Russell, Charles E., assignor.)
- Moxey, John G., assignor to Sun Oil Company, Philadelphia, Pa. Semitrailer tank truck. 2,049,132; July 28.
- Moxie Company, The. (See Archer, F. M., and McKinnon, Jr., assignors.)
- Moye, Otis B., Soperton, Ga. Insect trap. 2,042,236; May 26.
- Moyer, Ernest L. (See Gleason, A. W., and Moyer.)
- Moyer, Howard R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rayon spinning bucket. 2,064,028; Dec. 15.
- Moyer, J. Bird, Company, The. (See Engelfried, Charles, assignor.)
- Mrazek, Joseph, Woodside, N. Y. Light-permeable material. 2,033,204; Mar. 10.



- Mross, Edward, assignor to Hamilton Beach Manufacturing Company, Racine, Wis. Food mixer. 2,028,408; Jan. 21.
- Mucher, John J., Brooklyn, N. Y. Flexible electrical resistor and manufacturing the same. 2,035,911; Mar. 31.
- Mucher, John J., Brooklyn, N. Y. Resistance unit. 2,036,071; Mar. 31.
- Mucher, John J., Brooklyn, N. Y. Resistance unit. 2,039,974; May 5.
- Mucher, John J., Brooklyn, N. Y. Resistance unit. 2,046,129; June 30.
- Mucher, John J., Brooklyn, N. Y. Electrical resistor. 2,055,849; Sept. 29.
- Muchnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Return bend. 2,028,467; Jan. 21.
- Muchnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Return bend for oil stills and the like. 2,046,029; June 30.
- Muchnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Piston valve packing. 2,060,335; Nov. 10.
- Muchnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Cylinder construction. 2,064,124; Dec. 15.
- Muck, Howard C. (See Muck, Russell S. and H. C.)
- Muck, Russell S. and H. C., Highland Park, Mich. Door-latch. 2,046,342; July 7.
- Mücklich, Max, Dresden, Germany. Screw calk for horse-shoes. 2,049,544; Aug. 4.
- Mudd, Garrett W., Chicago, Ill. Labeling machine. 2,038,849; Mar. 10.
- Mudd, Garrett W., assignor to Peters Machinery Co., Chicago, Ill. Paper cutting machine. 2,045,046; June 23.
- Mudd, Garrett W., Chicago, Ill. Machine for feeding can ends. 2,063,183; Dec. 8.
- Mudge, Charles W., Cranford, N. J., assignor to Standard Oil Development Company. Impregnation of wood. 2,031,973; Feb. 25.
- Mudge, William A., Huntington, W. Va., assignor to The International Nickel Company, Inc., New York, N. Y. Producing composite articles containing nickel. 2,037,732; Apr. 21.
- Mudge, William A., Huntington, W. Va., assignor to The International Nickel Company, Inc., New York, N. Y. Manufacturing composite metals containing nickel. 2,037,733; Apr. 21.
- Muegge, Hans, Chiclayo, Peru. Deep well drilling apparatus. 2,049,971; Aug. 4.
- Muehl, Ernest L., Detroit, Mich. Dough kneading and cutting machine. 2,060,236; Nov. 10.
- Muehl, William F., Kansas City, Mo. Automatic pipe welding machine. 2,061,287; Nov. 17.
- Mueller, Albert B., assignor, by mesne assignments, to Scott Patents Corporation, Chicago, Ill. Machine for stuffing upholstery piping. 2,033,584; Mar. 10.
- Mueller Brass Co. (See Hill, Charles A., assignor.)
- Mueller Brass Co. (See Irving, P. L., and Gowie, assignors.)
- Mueller Brass Co. (See Levy, Frank M., assignor.)
- Mueller Brass Co. (See Lindquist, David E., assignor.)
- Mueller Brass Co. (See Lindquist, D. E., Brown, and Whybrew, assignors.)
- Mueller Brass Co. (See Mueller, O. B., Rader, and Gray, assignors.)
- Mueller Brass Co. (See Rader, Harold K., assignor.)
- Mueller Brass Co. (See Rader, H. K., and Wilson, assignors.)
- Mueller Brass Co. (See Wilson, Francis J., assignor.)
- Mueller, C. F., Company. (See Bernasconi, Adolphe, assignor.)
- Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Sewing machine. 2,038,848; Apr. 28.
- Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Sewing machine. 2,038,849; Apr. 28.
- Mueller Co. (See Wilkins, James M., assignor.)
- Mueller-Cunradi, Martin, and K. Pieroh, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Rubber-like synthetic high-molecular masses. 2,061,934; Nov. 24.
- Mueller-Cunradi, Martin and M. Otto. Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of polymerization products from isobutylene. 2,065,474; Dec. 22.
- Mueller, Emil L., Rutherford, N. J. Printing machine. 2,043,056; June 2.
- Mueller, Ervin H., Grosse Pointe Park, Mich. Attaching means for handles. 2,029,737; Feb. 4.
- Mueller, Ervin H., Grosse Pointe Park, Mich. Attaching means for handles. 2,062,424; Dec. 1.
- Mueller, Ervin H., Detroit, Mich. Valve. 2,030,150; Feb. 11.
- Mueller, Ervin H., Detroit, Mich. Valve structure. 2,031,121; Feb. 18.
- Mueller, Ervin H., Detroit, Mich. Locking valve. 2,044,254; June 16.
- Mueller, Ervin H., Detroit, Mich. Safety valve. 2,064,623; Dec. 15.
- Mueller, Frank, assignor of one-third to J. R. Cadoret and one-third to M. B. Comerford, Scranton, Pa. Air supply device for internal combustion engines. 2,061,166; Nov. 17.
- Mueller, Fritz. (See Kircher, C., Mueller, and Suessen-guth.)
- Mueller, Homer L., assignor to The Cleveland Welding Company, Cleveland, Ohio. Rim. 2,065,088; Dec. 22.
- Mueller, Joachim, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dystuff mixture. 2,053,041; Sept. 1.
- Mueller, John A., Farmington, Mo. Window screen. 2,042,726; June 2.
- Mueller, Joseph J., Racine, Wis., assignor to American Grinder and Specialty Corporation, Milwaukee, Wis. Hydraulic jack. 2,042,727; June 2.
- Mueller, L. J., Furnace Company. (See Jones, Edwin A., assignor.)
- Mueller, Oscar B., H. K. Rader, and J. E. Gray, assignors to Mueller Brass Co., Port Huron, Mich. Joint. 2,038,871; Apr. 28.
- Mueller, Oscar F., St. Louis, Mo. Ventilator device. 2,049,856; Aug. 4.
- Mueller, Otto, Toledo, Ohio, assignor to E. W. Bliss Company, Brooklyn, N. Y. Safety device for clutches. 2,045,483; June 23.
- Mueller, Paul, assignor to Telefunken Gesellschaft für Drahtlose m. b. H., Berlin, Germany. Radio amplifier with arrangement for electric-phonograph reproduction. 2,037,258; Apr. 14.
- Mueller, Robert, Decatur, Ill. Bathtub. 2,045,867; June 30.
- Mueller, Wilhelm, Gleiwitz, Germany. Furnace for roasting sulphurous ores. 2,031,122; Feb. 18.
- Mueller, Wilhelm, Gleiwitz, Germany. Regenerative compound coke-ovens. 2,053,573; Sept. 8.
- Muench, Eduard, and R. Wimmer, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Stable reduction products of dyestuffs of the indigo series, and producing same. 2,045,553; June 23.
- Muench, Herbert E., University City, Mo. Border shade for rear view mirrors. 2,033,391; Mar. 10.
- Muench-Kreuzer Candle Company Inc. (See Knapp, Edward J., assignor.)
- Muench, William F., Chicago, Ill., assignor to International Harvester Company. Oil filter base. 2,031,327; Feb. 18.
- Muend, Charles J., Philadelphia, Pa. Faucet. 2,046,030; June 30.
- Muffy, Glenn, Scarsdale, N. Y. Refrigerating system. 2,027,192; Jan. 7.
- Muffy, Glenn, Scarsdale, N. Y. Refrigeration apparatus. 2,044,482; June 16.
- Muffy, Glenn, Detroit, Mich. Signaling means. 2,066,156; Dec. 29.
- Mugdan, Martin, and J. Sixt, assignors to Consortium für Elektrochemische Industrie G. m. b. H., Munich, Germany. Production of phosphoric acid triesters of aliphatic alcohols. 2,046,031; June 30.
- Muggleton, Gerald D. (See Wells, Sidney D., assignor.)
- Muguerditchian, Manoug M., Washington, D. C. Connector. 2,054,265; Sept. 15.
- Muhleisen, Karl, assignor to Schutte & Koerting Company, Philadelphia, Pa. Flow indicator. 2,029,633; Feb. 4.
- Muhleisen, Karl, assignor to Schutte & Koerting Company, Philadelphia, Pa. Heat exchanger. 2,031,425; Feb. 18.
- Muir, Andrew R., Cathcart, Glasgow, and C. F. Brown, Scotstoun, Glasgow, Scotland. Electric heater or radiator. 2,051,456; Aug. 18.
- Muir, James A., assignor to Crown Cork & Steel Company, Inc., Baltimore, Md. Shoe material. 2,052,579; Sept. 1.
- Muir, William, Bristol, and H. C. Snow, Burlington, assignors to The H. C. Thompson Clock Co., Bristol, Conn. Self-winding clock and time switch. 2,051,455; Aug. 18.
- Muir, William, Bristol, and H. Snow, Burlington, assignors to The H. C. Thompson Clock Co., Bristol, Conn. Stop clock. 2,058,712; Oct. 27.
- Muirhead, Alfred R., assignor to Lummus Cotton Gin Company, Columbus, Ga. Cotton handling apparatus. 2,036,534; Apr. 7.
- Muirhead, David P. (See Muirhead, James and D. P.)
- Muirhead, James and D. P., Glasgow, Scotland. Air or gas extractor for vehicles or buildings. 2,030,388; Feb. 11.
- Muirhead, Walter H., and C. W. Martin, assignors to Beaver-Portland Cement Co., Gold Hill, Ore. Level-indicating device. 2,047,327; July 14.
- Mukasa, Eizo, Meguro-ku, Tokyo, Japan. Advertising sign of electric lights. 2,029,183; Jan. 28.
- Mulcahy, James E., Cleveland, Ohio. Window pole. 2,055,698; Sept. 29.
- Mulcey, Paul A. (See Johnson, A. J., and Mulcey.)
- Mulch, Balthazar H. T., Westwood, N. J. Dispensing device. 2,065,390; Dec. 22.
- Mulder, Johannes G. W. (See Bruijnes, J., Oosterhuis, and Mulder.)
- Mulder, Johannes G. W. (See Holst, G., Oosterhuis, and Mulder.)
- Mulder, Johannes G. W. (See Oosterhuis, E., Mulder, and Duinker.)



- Mulder, Johannes G. W., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrical installation for rectifying alternating currents. 2,034,823; Mar. 24.
- Mulder, Johannes G. W., and D. M. Duinker, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Rectifying circuit arrangement. 2,043,515; June 9.
- Mulder, Johannes G. W., J. Bruijnes, and J. H. J. Maartens, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrical discharge device. 2,051,457; Aug. 18.
- Mulder, Johannes G. W., and G. Holst, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electric discharge tube. 2,052,103; Aug. 25.
- Muldoon, Anthony M., Englishtown, N. J. Loom. 2,028,002; Jan. 14.
- Muldoon, Bernard F., Mountain View, N. J., assignor to H. Hyman, Brooklyn, N. Y. Electric plug. 2,030,115; Feb. 11.
- Muldoon, Bernard F., Mountainview, N. J., assignor to H. Hyman, New York, N. Y. Attachment plug. 2,053,347; Sept. 8.
- Mulford, Braden N. (See Mangel, Wallie C., assignor.)
- Mulford, Henry K., assignor to The National Drug Company, Philadelphia, Pa. Support for dispensing containers. 2,065,012; Dec. 22.
- Mulford, Logan W., Long Island City, N. Y. Concealed skylight ventilation. 2,031,328; Feb. 18.
- Mulford, Marion R., Lebanon, Ohio. Process and device for the handling of planted seeds. 2,039,442; May 5.
- Mülhens, Paul P., Cologne, Germany. Holder for the caps of containers. 2,036,351; Apr. 7.
- Mulhollen, George H. (See Wandell, J. W., and Mulhollen.)
- Mull, Joseph Z., Sr., Philadelphia, and H. MacIlvain, Upper Darby Township, Delaware County, Pa. Cap for collapsible tubes and the like. 2,026,646; Jan. 7.
- Mullan, Edward P., Bala, Pa. Production of positives and negatives without the use of photography or photographic apparatus. 2,060,105; Nov. 10.
- Mullen, James C., Grantwood, N. J., assignor to Verdi Bros. Co. Coopers Company, North Bergen, N. J. Beer barrel. 2,053,528; Sept. 8.
- Mullen, Raymond F., assignor to General Motors Corporation, Rochester, N. Y. Steam boiler for car heaters. 2,048,882; July 28.
- Müller, Alfred G. (See Creese, D. L., Davis, and Müller.)
- Müller, Alfred W., New York, N. Y. Electric heating device. 2,060,237; Nov. 10.
- Müller, Carl E. (See Stenger, K., and Müller.)
- Müller, Carl W., Dresden-Weisser Hirsch, Germany. Filter mouthpiece cigarette. 2,035,398; Mar. 24.
- Müller, Carl W., Dresden-Weisser Hirsch, Germany. Apparatus for arranging and stacking a plurality of rows of cigarettes in superposed layers. 2,048,281; July 21.
- Müller, Erich, Berlin-Spandau, Germany. Freewheel mechanism and back pedal brake. 2,043,486; June 9.
- Müller, Ernst F. (See Levin, N. D., and Müller.)
- Müller, Ernst L. (See Elbel, E., and Müller.)
- Müller, Ernst L. (See Lübbert, W., and Müller.)
- Müller, Eugen L., Berlin, Germany. Lubricating apparatus. 2,056,434; Oct. 6.
- Müller, Ferdinand C. (See Pilliod, T. J., and Müller.)
- Müller, Frans G. D., assignor to The Staytite Company, Houston, Tex. Valve. 2,050,448; Aug. 11.
- Müller, Franz H., Dusseldorf, assignor to Durkopp-Werke A.-G., Bielefeld, Germany. Producing colored pictures. 2,035,825; Mar. 31.
- Müller, Frederick W., Hoboken, N. J., assignor to The Bishop & Babcock Manufacturing Company, Cleveland, Ohio. Apparatus for dispensing beverages. 2,046,032; June 30.
- Müller, Fritz. (See Hoffa, E., and Müller.)
- Müller, Fritz. (See Müller, R. and F., and Messer.)
- Müller, Fritz, Esslingen-on-the-Neckar, Germany. Rail fastening. 2,039,181; Apr. 28.
- Müller, Fritz, Furstenwalde, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Electrode. 2,033,730; Mar. 10.
- Müller, Hans-Paul, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company Inc., New York, N. Y. Manufacture of derivatives of  $\alpha, \alpha, \alpha$ -tribromoethane. 2,057,964; Oct. 20.
- Muller, Henry W., Richmond Hill, N. Y. Plant protective device. 2,063,822; Dec. 8.
- Müller, Ignaz, Vienna, Austria. Liquid measuring apparatus. 2,061,917; Nov. 24.
- Muller, John, Brooklyn, N. Y. Wall section and wall assembly. 2,061,633; Nov. 24.
- Müller, Joseph. (See Härtl, Hans, assignor.)
- Muller, Louis, & Cie S. A., Fabrique d'Horlogerie "La Champagne". (See Annen, Robert, assignor.)
- Müller, Max. (See Hug, E., and Müller.)
- Müller, Oskar. (See Kleinschmit, O., and Muller.)
- Müller, Oskar. (See Rivlois, A., and Müller.)
- Muller, Paul, Neuf Brisach, France. Apparatus for threading tobacco leaves. 2,058,815; Oct. 27.
- Müller, Ralph, Brooklyn, N. Y. Photoelectric colorimeter. 2,043,589; June 9.
- Muller, Raymond W. (See Buttfeld, A. C., and Muller.)
- Müller, Richard, Heidelberg, and M. Schenck, Mannheim, and W. Wirbatz, assignors to C. F. Boehringer & Soehne G. m. b. H., Mannheim-Waldhof, Germany. Producing plastic masses etc., containing cellulose esters. 2,030,221; Feb. 11.
- Müller, Richard, Berlin-Schöneberg, M. Schenck, Mannheim, and W. Wirbatz, assignors to C. F. Boehringer & Soehne G. m. b. H., Mannheim-Waldhof, Germany. Treating solid cellulose derivatives. 2,032,549; Mar. 3.
- Müller, Richard, Mannheim, F. Müller, Mannheim-Waldhof, Germany, and H. Messer, Croydon, England, assignors to C. F. Boehringer & Soehne G. m. b. H., Mannheim-Waldhof, Germany. Cellulosic composition. 2,035,183; Mar. 24.
- Müller, Richard, and M. Schenck, Mannheim, and W. Wirbatz, assignors to C. F. Boehringer & Soehne G. m. b. H., Mannheim-Waldhof, Germany. Cellulose acetate products and producing same. 2,045,161; June 23.
- Müller, Richard, H. Hatzig, and E. Rabald, Mannheim, assignors to C. F. Boehringer & Soehne G. m. b. H., Mannheim-Waldhof, Germany. Producing anhydrides of lower fatty acids. 2,045,718; June 30.
- Müller, Richard K. (See Kränzlein, G., and Müller.)
- Muller, Robert A., Wellesley, Mass., assignor to Atlas Plywood Corporation, Boston, Mass. Machine for making drums, kegs, and the like. 2,031,570; Feb. 18.
- Müller, Robert H., Berlin, Germany, assignor to General Electric Company. Electrical insulation. 2,047,029; July 7.
- Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,045,021; June 23.
- Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,052,104; Aug. 25.
- Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,055,550; Sept. 29.
- Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,055,551; Sept. 29.
- Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,055,552; Sept. 29.
- Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,061,667; Nov. 24.
- Müller, Rudolf. (See Honold, E., and Müller.)
- Muller, Wolfgang C., Springfield, Vt. Hydraulic power transmitting mechanism or the like. 2,032,430; Mar. 3.
- Mullett, Howard A., assignor to Bradley Washfountain Company, Milwaukee, Wis. Compartment shower. 2,042,547; June 2.
- Mullett, Howard A., assignor to Bradley Washfountain Company, Milwaukee, Wis. Wash fountain. 2,051,644; Aug. 18.
- Mullett, Howard A., and H. E. Heine, assignors to Bradley Washfountain Company, Milwaukee, Wis. Wash fountain. 2,040,266; May 12.
- Mulligan, Paul C., assignor of one-half to H. E. Myers and one-half to himself, Seattle, Wash. Opposed piston engine. 2,040,182; May 12.
- Mulligan, Rex P., Washington, D. C., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Container. 2,033,994; Mar. 17.
- Mullin, Frank B., assignor to Trayer Products Incorporated, Elmira, N. Y. Spring-shackle. 2,065,822; Dec. 29.
- Mullinix, Gird E. (See Grau, H. E., Lundeen, and Mullinix.)
- Mullins Manufacturing Corporation. (See Erdman, Earl H., assignor.)
- Mullins Manufacturing Corporation, The. (See Keyes, Gordon F., assignor.)
- Mullio, William A., New York, N. Y. Remote radio set control means. 2,052,147; Aug. 25.
- Mulnard, Paul. (See Daningburg, William J., assignor.)
- Mulneaux, Clarence C., Cedar Rapids, Iowa. Window heater for motor vehicles. 2,036,230; Apr. 7.
- Multichrome Press Equipment Limited. (See Swift, Charles W., assignor.)
- Multigraph Company. (See Hagelin, William T., assignor.)
- Multigraph Company. (See Morse, Lawrence H., assignor.)
- Multigraph Company. (See Osborn, Henry C., assignor.)
- Multigraph Company. (See Rowell, George S., assignor.)
- Multigraph Company. (See Wescott, William B., assignor.)
- Multi-Hydomatic Welding and Manufacturing Company. (See Roth, Henry W., assignor.)
- Multi-Hydomatic Welding & Manufacturing Company. (See Warnke, Hans G., assignor.)
- Multi-Lino-Segment Company. (See Swenson, Frank, assignor.)
- Multiposter Advertising Corporation. (See Roberts, Charles, assignor.)
- Multi-Products, Inc. (See Pickering, A. V., and Willis, assignors.)
- Multisort Company. (See Wright, Harold A.)
- Mulvihill, Daniel C., Hannibal, Mo., assignor to Hannibal Car Wheel and Foundry Company. Rail anchor and making the same. 2,061,804; Nov. 24.
- Mumaugh, Clarence L., Lima, Ohio. Body air-conditioner. 2,053,404; Sept. 8.
- Mumaugh, William A., Lima, Ohio. Water heater for stoves and furnaces. 2,059,959; Nov. 3.
- Mumbrauer, William, and A. zum Felde, New York, N. Y. Door locking mechanism. 2,043,550; June 9.
- Mumma, Harold J., Glendale, Calif. Fruit marking appliance. 2,040,526; May 12.



- Mumma, Harold J., Glendale, and Z. Leonard, Los Angeles, assignors to Ahlburg Company, Los Angeles, Calif. Box marking appliance. 2,040,524; May 12.
- Mumma, Harold J., Glendale, and F. Ahlburg, assignors to Ahlburg Company, Los Angeles, Calif. Fruit marking machine. 2,040,525; May 12.
- Mumma, J. G. (See Nevin, Donald A., assignor.)
- Mummert, John F. (See Davis, R. A., and Mummert.)
- Mummery, Charles R. (See Cummings, S. R., and Mummery.)
- Munch, George A., and J. W. Boniec, Chicago, Ill. Car-buretor. 2,036,431; Apr. 7.
- Munch, Robert F. (See Attwood, N. H., Munch, Lickert, and Baughman.)
- Munch, Walter, Minneapolis, Minn. Refrigerator. 2,053,488; Sept. 8.
- Munford, E. H., et al. (See Mikulic, Milos N., assignor.)
- Munford, Theodore W. (See Hepburn, W. M., and Munford.)
- Munford, Theodore W., assignor to Surface Combustion Corporation, Toledo, Ohio. Heating apparatus. 2,051,099; Aug. 18.
- Mungen, Theodore, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Spool. 2,036,969; Apr. 7.
- Mungerford, Warren H., Chicago, Ill. Baking pan. 2,040,996; May 19.
- Munhall, Adina C., et al. (See Welch, J. W., and Suess, assignors.)
- Municipal Sanitary Service Corporation. (See Raisch, William, assignor.)
- Munn, Alfred N., Huntington Park, Calif. Check valve. 2,048,943; July 28.
- Munn, Clarence W. (See White, L. J., and Munn.)
- Munn, Henry Q. (Drader, J. C., and Munn.)
- Munro, Alexander C., Britannia Beach, British Columbia, Canada. Classification of minerals. 2,065,722; Dec. 29.
- Munro, Charles C. (See Kreck, J. A., and Munro.)
- Munro, Donald H., and R. E. Grieve, Toronto, Ontario, Canada. Game. 2,048,944; July 28.
- Munro, Dougald H., Detroit, Mich. Internal combustion engine. 2,045,719; June 30.
- Munro, Ruth W., Winchester, Mass. Medical device. 2,049,270; July 28.
- Munro, Wendell P., Bound Brook, and H. Z. Lecher, Plainfield, assignors to The Calco Chemical Company, Inc., Bound Brook, N. J. Preparation of thiazthionium chlorides. 2,064,315; Dec. 15.
- Munroe, Calvin J., and O. B. Wilhite, Lyons, Kans. Quick change swedge nipple. 2,064,679; Dec. 15.
- Munroe, David, et al. (See Rhodin, Brodde E. F., assignor.)
- Munroe, Treadway B., and W. Waterfall, Chicago, Ill., assignors, by mesne assignments, to The Celotex Corporation. Sound absorbing material. 2,057,731; Oct. 20.
- Munschauer, Frederick E., assignor to Niagara Machine & Tool Works, Buffalo, N. Y. Clutch. 2,057,905; Oct. 20.
- Munsingwear Corporation, The. (See Chatfield, Franklin, assignor.)
- Munson, Clarence V., El Centro, Calif. Feeding mechanism. 2,052,936; Sept. 1.
- Munson, Earnest, Phoenix, Ariz. Punch. 2,049,075; July 28.
- Munson, Elmer L. (See Davis, C. H., and Munson.)
- Munson, Elmer L. (See Davis, C. H., Munson, and Smith.)
- Munson, Elmer L., Naugatuck, assignor to The American Brass Company, Waterbury, Conn. Copper base alloy. 2,027,750; Jan. 14.
- Munson, Joseph J., Houma, and C. C. Wiggin, Sr., New Orleans, La. Floating calandria. 2,065,147; Dec. 22.
- Munson, Kenneth A., Saugus, Mass., assignor to General Electric Company. Machine tool driving system. 2,036,821; Apr. 7.
- Munson, Martin H., Red Wing, Minn. Window sash and frame. 2,042,354; May 26.
- Munson, Sweney, Chelsea, Okla. Ball bearing structure. 2,057,391; Oct. 13.
- Munson, Willard T., Dunmore, Pa., assignor to Collins Supply & Equipment Company, Scranton, Pa. Traveler for spinning-rings. 2,065,013; Dec. 22.
- Munters, Carl G., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,027,057; Jan. 7.
- Munters, Carl G., assignor to Platen-Munters Refrigerating System Aktiebolag, Stockholm, Sweden. Refrigeration. 2,034,149; Mar. 17.
- Munters, Carl G., assignor to Aktiebolaget Termisk Isolation, Stockholm, Sweden. Heat insulation. 2,037,813; Apr. 21.
- Munters, Carl G., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigerating system. 2,042,355; May 26.
- Munters, Carl G., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,044,951; June 23.
- Munters, Carl G., assignor to Aktiebolaget Termisk Isolation, Stockholm, Sweden. Heat insulating cabinet. 2,065,608; Dec. 29.
- Munters, Carl G., and A. Lenning, assignors to Platen-Munters Refrigerating System, Aktiebolag, Stockholm, Sweden. Refrigeration. 2,039,736; May 5.
- Muntner, Joseph M. (See Full, G. D., and Muntner.)
- Munton, John D., Drexel Hill, Pa., and W. O. Reeves, South Westville, N. J., assignors to The Atlantic Refining Company, Philadelphia, Pa. Tap finding device. 2,051,054; Aug. 18.
- Muntz, Eric P., Hamilton, Ontario, Canada. Clamp for concrete form work. 2,042,955; June 2.
- Münz, Ferdinand, Frankfort-on-the-Main, and K. Keller, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Quaternary ammonium compounds. 2,040,061; May 5.
- Münz, Ferdinand, and O. Bayer, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Wetting agents for mercerizing solutions. 2,043,329; June 9.
- Munz, Lewis E., assignor of one-half to E. H. Sheldon & Company, Muskegon, Mich. Coating composition and applying. 2,030,709; Feb. 11.
- Muralo Company, The. (See Iddings, Carl, assignor.)
- Muralo Company, The. (See Iddings, C., and Kennedy, assignors.)
- Murasco, Joseph, Sandusky, assignor, by mesne assignments, to Weing Made-Rite Company, Cleveland, Ohio. Electric toaster. 2,061,433; Nov. 17.
- Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Lining the inside of cans. 2,028,798; Jan. 28.
- Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Container. 2,054,094; Sept. 15.
- Murch, Wilfred M., assignor to The Dow Chemical Company, Midland, Mich. Vat dyestuff derived from 3,3'-dibromo-indanthrene and making same. 2,044,993; June 23.
- Murch, Wilfred M., Hamburg, and F. M. Higgins, Buffalo, assignors to National Aniline and Chemical Company, Inc., New York, N. Y. Dye powder compositions. 2,058,489; Oct. 27.
- Murck, Knud, et al. (See Olsen, Oscar A., assignor.)
- Murck, Knud, Brooklyn, assignor to Charles Bruning Company, Inc., New York, N. Y. Apparatus for developing prints. 2,056,584; Oct. 6.
- Murdel, William T., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Retarder. 2,049,972; Aug. 4.
- Murdock, Arthur I., San Francisco, Calif. Adjustable bearing. 2,028,556; Jan. 21.
- Murdock, David W. (See Hamel, David W., assignor.)
- Murdock, Frederick M., Chicopee Falls, assignor to The Fiberloid Corporation, Indian Orchard, Mass. Making phenolic resins. 2,037,585; Apr. 14.
- Murdock, Harold R., assignor to The Champion Fibre Company, Canton, N. C. Recovery of chemicals from waste pulping liquors. 2,031,974; Feb. 25.
- Murdock, James D., East Lansing, Mich. Plow attachment. 2,036,820; Apr. 7.
- Murdock, Sidney A., assignor, by mesne assignments, to Syncro Sound, Inc., Los Angeles, Calif. Synchronized talking picture system. 2,039,735; May 5.
- Murino, Matthew, and V. Petilli, New York, N. Y. Adjustable binder apparatus. 2,040,870; May 19.
- Murlie, Silvey M. (See Tarkington, Harry K., assignor.)
- Murmann, Ernst, assignor of one-half to C. Prell, Feldsberg, Czechoslovakia. Artificial skating rink. 2,057,906; Oct. 20.
- Murnane, Daniel J., West Hollywood, Calif. Plate glass holding device. 2,053,374; Sept. 8.
- Muros, Joseph, Belmont, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,043,837; June 9.
- Muros, Joseph, Belmont, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,048,020; July 21.
- Muros, Joseph, Belmont, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,048,559; July 21.
- Muros, Joseph, Belmont, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,060,520; Nov. 10.
- Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,048,560; July 21.
- Murphey, William, Chattanooga, Tenn. Drop seat garment with detachable elastic band. 2,064,266; Dec. 15.
- Murphy, Carey M., Montpelier, Ind. Oil well pump. 2,046,834; July 7.
- Murphy, Dan R., Middletown, Ohio. Corrugating die. 2,047,906; July 14.
- Murphy, Demery A. (See Morgen, J. S., Jr., and Murphy.)
- Murphy, Demery A. (See Timbs, E., and Murphy.)
- Murphy Diesel Company. (See Murphy, Moyes J., assignor.)
- Murphy, Edmund G., Philadelphia, Pa. Electric phonograph pickup. 2,003,479; Mar. 10.
- Murphy, Edward A. (See Madge, E. W., Murphy, and Payne.)
- Murphy, Edward A. (See Trobridge, G. W., Murphy, and King.)
- Murphy, Edward A., Erdington, England, assignor to Dunlop Rubber Co. Ltd. Making rubber products. 2,033,480; Mar. 10.
- Murphy, Edward A., Wylde Green, assignor to Dunlop Rubber Company, Limited, Birmingham, England. Provision of articles with surface finishes. 2,058,031; Oct. 20.
- Murphy, Edward A., assignor to Dunlop Rubber Company, Limited, Erdington, Birmingham, England. Device for forming threads from natural or artificial dispersions of rubber. 2,058,032; Oct. 20.



- Murphy, Edward A., and D. F. Twiss, Erdington, Birmingham, and R. G. James, Selly Oak, Birmingham, assignors to Dunlop Rubber Company Limited, London, England. Manufacture of golf balls and the like. 2,032,220; Feb. 25.
- Murphy, Edward T., Chicago, and A. E. Meling, Evanston, Ill., assignors, by mesne assignments, to Carrier Corporation, Newark, N. J. Apparatus for preserving perishables. 2,066,013; Dec. 29.
- Murphy, Ellen F., Spokane, Wash. Device for securing children under the covers. 2,034,954; Mar. 24.
- Murphy, Everett E., Newburyport, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and manufacturing the same. 2,059,386; Nov. 3.
- Murphy, Francis M. G. (See Wilson, W. P., and Murphy, assignors.)
- Murphy, Francis P. (See Flaherty, P. H., and Murphy.)
- Murphy, George E., Averill Park, N. Y. World time chart. 2,039,921; May 5.
- Murphy, George E., Averill Park, N. Y. Telescopic tuning mechanism. 2,058,816; Oct. 27.
- Murphy, George E., and W. M. Hippler, Portland, Oreg., assignors, by mesne assignments, to Evans Products Company, Detroit, Mich. Wood flooring. 2,037,259; Apr. 14.
- Murphy, Henry J., assignor to Bibb Manufacturing Company, Macon, Ga. Loom for weaving crinkle cloth. 2,044,440; June 16.
- Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Installation for drain plugs and drain plug elevating members. 2,044,625; June 16.
- Murphy, James E., H. W. Schmitz, and A. M. Peabody, Seattle, Wash. Adjustable louver. 2,042,617; June 2.
- Murphy, James J., New Haven, Conn. Automatic valve. 2,051,147; Aug. 18.
- Murphy, Jerry, Cleveland, Ohio. Stanchion. 2,063,263; Dec. 8.
- Murphy, John A., Jr., Tulsa, Okla. Recovery of metal values. 2,038,850; Apr. 28.
- Murphy, John J., Mount Vernon, assignor to The Linde Air Products Company, New York, N. Y. Cascade system and method of operating the same. 2,035,399; Mar. 24.
- Murphy, John N., assignor of one-half to A. F. Maurer, Springfield, Ill. Water closet construction. 2,028,468; Jan. 21.
- Murphy, Joseph E. (See Beale, L. W., and Murphy.)
- Murphy, Joseph E. (See Weldon, G. H., Murphy, and Lotz.)
- Murphy, Lloyd T., Chattanooga, Tenn. Pulp separating system. 2,060,685; Nov. 10.
- Murphy, Morton, Indianapolis, Ind. Rubber heating unit. 2,052,644; Sept. 1.
- Murphy, Moyes J., San Leandro, Calif., assignor to Murphy Diesel Company, Ltd., Reno, Nev. Engine. 2,033,350; Mar. 10.
- Murphy, Nellie S., Orlando, Fla. Infant's nursing bottle and nipple holder. 2,040,757; May 12.
- Murphy, P. H., Company. (See Bonsall, Charles D., assignor.)
- Murphy, P. H., Company. (See Gilpin, Garth G., assignor.)
- Murphy, Paul B. Nyack, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic device. 2,034,877; Mar. 24.
- Murphy, Pierce J., Tacumseh, Nebr. File. 2,058,347; Oct. 20.
- Murphy, Thomas L., Athol, Mass., assignor to Worthington, Pump and Machinery Corporation, New York, N. Y. Wagon drill. 2,046,648; July 7.
- Murphy, Thomas W., Bala-Cynwyd, assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Liquid pressure control unit. 2,032,885; Mar. 3.
- Murphy, Thomas W., Bala-Cynwyd, assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Liquid strainer and pressure regulating unit. 2,036,489; Apr. 7.
- Murphy, Thomas W., Bala-Cynwyd, assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Valve. 2,050,853; Aug. 11.
- Murphy, Thomas W., Bala-Cynwyd, and E. B. Frame, assignors to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Oil burner pumping and control unit and mounting same. 2,032,886; Mar. 3.
- Murphy, William F. (See Frank, L. A., and Murphy.)
- Murray, Albert L., Auburn, Ind. Composite rubber sheet. 2,048,807; July 28.
- Murray, Arthur J., Minneapolis, Minn. Carton. 2,064,029; Dec. 15.
- Murray, Charles, Clifton, N. J. Eliminating static and other disturbances. 2,028,841; Jan. 28.
- Murray, Charles E., assignor to Miller Sand Pump Company, Sapulpa, Okla. Removable wire line connector for sand pumps and the like. 2,055,667; Sept. 29.
- Murray, Clifford V., and J. Lloyd, Coventry, assignors to Sir W. G. Armstrong Whitworth Aircraft Limited, Coventry, England. Gun mounting, particularly for aircraft. 2,032,300; Feb. 25.
- Murray Company, The. (See Blewett, John, assignor.)
- Murray Company, The. (See Dodson, William H., assignor.)
- Murray Company, The. (See Graves, John B., Jr., assignor.)
- Murray Company, The. (See Nevitt, James S., assignor.)
- Murray Corporation of America, The. (See Graebner, Otto F., assignor.)
- Murray Corporation of America, The. (See Haberstump, Alfred H., assignor.)
- Murray Corporation of America, The. (See Lindell, Bertil T., assignor.)
- Murray Corporation of America, The. (See Menton, Joseph B., assignor.)
- Murray Corporation of America, The. (See Northup, Amos E., assignor.)
- Murray Corporation of America, The. (See Oliver, G. F., and Scholtz, assignors.)
- Murray Corporation of America, The. (See Person, Alfred, assignor.)
- Murray Corporation of America, The. (See Westrope, Fred J., assignor.)
- Murray Corporation of America, The. (See Widman, Charles H., assignor.)
- Murray Corporation of America, the. (See Widman, C. H., Lindell, and Seibold, assignors.)
- Murray, D. J., Manufacturing Co. (See Payzer, S. D., and Staky, assignors.)
- Murray, Ernest E., Jackson, Mich., assignor of one-fourth to J. W. Myers, Philadelphia, Pa., and one-half to L. W. MacFarland, Long Island City, N. Y. Method and apparatus for cutting fabric blanks. 2,027,925; Jan. 14.
- Murray, Forrest F., Cambridge, Mass. Holder for newspapers or the like. 2,061,434; Nov. 17.
- Murray, Harold F., Willard, Ohio. Traffic signal. 2,050,579; Aug. 11.
- Murray, Howard J., New York, N. Y. Selectively controlled multiple clutch mechanism. 2,050,016; Aug. 4.
- Murray, Howard J., New York, N. Y. Free-wheeling system for vehicles. 2,051,385; Aug. 18.
- Murray, Howard J., New York, N. Y. Selective speed power transmission. 2,051,386; Aug. 18.
- Murray, Howard J., New York, N. Y. Selectively controlled torque actuated clutch transmission mechanism. 2,061,288; Nov. 17.
- Murray, Howard J., New York, N. Y., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Synchronizing device for automotive vehicles. 2,043,806; June 9.
- Murray, Howard J., New York, N. Y., assignor, by mesne assignments to Borg-Warner Corporation, Chicago, Ill. Ball type cam synchronizer. 2,043,807; June 9.
- Murray, Howard J., New York, N. Y., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Synchronizing device. 2,048,883; July 28.
- Murray, J. A., et al. (See Baade, William G., assignor.)
- Murray, James M., Mount Vernon, assignor to International Paper Company, New York, N. Y. Apparatus for the manufacture of paper. 2,062,471; Dec. 1.
- Murray, John D., assignor to The Murray Liquafilm Corporation, Chicago, Ill. Coating. 2,038,751; Apr. 28.
- Murray, John J., Yonkers, N. Y. Booklet. 2,052,484; Aug. 25.
- Murray, John W., Richmond Heights, Mo. Fishing lure. 2,036,954; Apr. 7.
- Murray, Joseph B., executor et al. (See Murray, Thomas E.)
- Murray, Kenneth L., Evanston, Ill., assignor to Beatrice Creamery Company. Container. 2,042,796; June 2.
- Murray, Lewis S., et al. (See Linthicum, Everett C., assignor.)
- Murray Liquafilm Corporation, The. (See Murray, John D., assignor.)
- Murray, Louis W. (See Seabury, R. L., and Murray.)
- Murray, Louis W., and R. L. Seabury, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Mixing resins with other material. 2,042,679; June 2.
- Murray-Ohio Manufacturing Company. (See Kraefft, Herman L., assignor.)
- Murray, Richard J., assignor of one-fourth to W. S. Rush, Salida, Colo. Safety cap container. 2,054,266; Sept. 15.
- Murray, Robert H. (See Souter, R. F., and Murray.)
- Murray, Stanley G., Passaic, assignor to Richardson Scale Company, Clifton, N. J. Automatic measuring and weighing machine. 2,059,174; Oct. 27.
- Murray, Thomas E., Jr., executor et al. (See Murray, Thomas E.)
- Murray, Thomas E., Jr., trustees, et al. (See Murray, Thomas E.)
- Murray, Thomas E., deceased, by J. F., J. B., and T. E. Murray, Jr., executors, Brooklyn, N. Y., assignors to Metropolitan Engineering Company. Heat conducting tube. 2,029,437; Feb. 4.
- Murray, Thomas E., deceased, New York, N. Y., J. B. Murray, T. E. Murray, Jr., and J. F. Murray, executors, assignors to Metropolitan Engineering Company. Boiler. 2,042,618; June 2.
- Murray, Thomas F., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Light-filtering overcoating containing diphenylene oxide. 2,043,805; June 9.
- Murray, Wallace J., Reading, assignor to Arthur D. Little, Incorporated, Cambridge, Mass. Recovery of sulphur from its combinations with hydrogen or oxygen. 2,052,892; Sept. 1.
- Murray, William M., assignor of one-half to Georgia Peach Growers Exchange, Macon, Ga. Attachment for packing facer plates. 2,052,242; Aug. 25.
- Murray, William S., Utica, N. Y. Making indium-containing glass. 2,042,117; May 26.



- Murrmann, Fred A., et al. (See Tiedemann, Clinton C., assignor.)
- Murtagh, Hugh. (See Chafee, E. W., Murtagh, and Myers.)
- Murtaugh, John J., Jr., Floral Park, N. Y., assignor to Mosler Safe Co., Hamilton, Ohio. Depository. 2,030,313; Feb. 11.
- Murtaugh, John J., Jr., Floral Park, N. Y., assignor to Mosler Safe Co., Hamilton, Ohio. Cash protecting counter, till, etc. 2,048,195; July 21.
- Musante, Augustine F., S. Media, and J. H. Perrine, Norwood, assignors to Sun Oil Company, Philadelphia, Pa. Apparatus for determining critical temperatures. 2,036,432; Apr. 7.
- Muschel, William, Los Angeles, Calif. Folding awning. 2,058,490; Oct. 27.
- Muschinske, John J., and J. E. Miotke, Milwaukee, Wis. Bottle attachment. 2,049,219; July 28.
- Muse, Harry E., Reading, Mass. First aid kit. 2,046,086; June 30.
- Muse, Morris E., Sherburne, La. Weather stripping for doors. 2,041,261; May 19.
- Musgrave, Joseph L., London, England. Heating and cooling of buildings. 2,052,359; Aug. 25.
- Musham, Harry A., Chicago, Ill. Protractor. 2,039,333; May 5.
- Musham, Harry A., Chicago, Ill. Brake device. 2,043,444; June 9.
- Musher Foundation Incorporated. (See Musher, Sidney, assignor.)
- Musher, Sidney, New York, N. Y. Preservation of animal tissues. 2,029,248; Jan. 28.
- Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Prevention of oxidation. 2,026,697; Jan. 7.
- Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Inhibitor for packaged products. 2,038,752; Apr. 28.
- Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Oil with grain material to stabilize against oxidation. 2,049,017; July 28.
- Mushroom Supply Co., et al. (See Stepbach, Robert F., assignor.)
- Muskat, Irving E., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Butadienes and chlorinated derivatives. 2,038,593; Apr. 28.
- Musket, Peter P. (See Fischer, H. G., Musket, and Osborn.)
- Musket, Peter P. (See Fischer, H. G., Musket, and Richardson.)
- Musser, Clarence W., Kansas City, Mo. Racing amusement device. 2,046,178; June 30.
- Musser, Clarence W., Kansas City, Mo. Racing amusement apparatus. 2,062,371; Dec. 1.
- Mussey, William H., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Vehicle heating system. 2,044,733; June 16.
- Mussey, William H., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Articulated car. 2,053,348; Sept. 8.
- Mussey, William H., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Railway car. 2,056,231; Oct. 6.
- Mussey, William H., and M. P. Blomberg, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Vehicle end framing. 2,030,462; Feb. 11.
- Mussey, William H., and M. P. Blomberg, Chicago, Ill., assignors to Pullman-Standard Car Manufacturing Company. Bolster connection. 2,053,731; Sept. 8.
- Mussey, William H., and R. Cunningham, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Door and step. 2,056,226; Oct. 6.
- Mussey, William H., and M. P. Blomberg, Chicago, Ill., assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Articulated car. 2,056,227; Oct. 6.
- Mutchler, Arthur W., Brooklyn, and H. J. Straussberger, Middle Village, assignors to Julius Kayser & Company, New York, N. Y. Control mechanism for the loose course motion of flat knitting machines. 2,057,046; Oct. 13.
- Mutchler, Maurice E., Buffalo, N. Y. Head for internal combustion engines. 2,031,123; Feb. 18.
- Muter, Arthur J., Wood Green, London, and C. Tydeman, assignors of one-third to G. A. Williamson, London, England. Gripping, crushing, or cutting tool. 2,050,449; Aug. 11.
- Muth, Friedrich, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Waterinsoluble azodyestuffs. 2,026,908; Jan. 7.
- Muth, Friedrich, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Waterinsoluble azodyestuffs. 2,032,627; Mar. 3.
- Muth, Friedrich, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. 3-hydroxydiphenyleneoxide-2-carboxylic acid. 2,050,958; Aug. 11.
- Muth, Herbert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Thermostat arrangement. 2,027,193; Jan. 7.
- Muth, Herbert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electric oscillation circuit. 2,031,846; Feb. 25.
- Mutscheller, Arthur, New York, N. Y., assignor to Wappler Electric Company, Inc. Dosimeter. 2,036,072; Mar. 31.
- Mutual Air Systems, Inc. (See Jabraus, Harold A., assignor.)
- Mutzbauer, Jakob, New York, N. Y. Harvester. 2,065,721; Dec. 29.
- Muzzo, Ross C., and A. Coci, Toledo, Ohio. Check feed mechanism. 2,048,402; July 21.
- Myard, Francis E., Paris, France. Homokinetic transmission joint. 2,033,733; Mar. 10.
- Myddleton, William W., Hanworth, assignor to Robinson Bindley Processes Limited, Sutton, England. Catalyst. 2,029,786; Feb. 4.
- Myer, Jesse M., Gladewater, Tex. Thumb rest. 2,057,047; Oct. 13.
- Myer, Percy L., Ozone Park, assignor to The Western Union Telegraph Company, New York, N. Y. Automatic ticker-tape feed-out device. 2,060,586; Nov. 10.
- Myerly, Charles L., Lewistown, Pa. Trap. 2,050,450; Aug. 11.
- Myers, Albert C., assignor to Kraftile Co., Niles, Calif. Tiling. 2,043,706; June 9.
- Myers, C. A., Company. (See Severus, Julius, assignor.)
- Myers, Don D., Toledo, Ohio, assignor to The Blandon Manufacturing Company. Table. 2,026,995; Jan. 7.
- Myers, Donald H., Cincinnati, Ohio. Time service system. 2,063,184; Dec. 8.
- Myers, E. W. (See Robinson, James K., assignor.)
- Myers, Eddie P., St. Louis, assignor of forty per cent to F. D. Reynolds, University City, Mo. Covered receptacle. 2,032,221; Feb. 25.
- Myers, Edward R., Ottawa, Ontario, Canada, assignor to Remington Rand Inc., Buffalo, N. Y. Two-card sorting mechanism. 2,059,265; Nov. 3.
- Myers, Eugene V., East Orange, N. J. Vehicle license plate or the like. 2,063,823; Dec. 8.
- Myers, Frank L., and H. V. Smith, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Framework for air filters. 2,044,221; June 16.
- Myers, George F., New York, N. Y. Vehicle. 2,055,502; Sept. 29.
- Myers, George M. (See Brown, G. D., and Myers.)
- Myers, Harold L., Morristown, N. J. Box. 2,036,822; Apr. 7.
- Myers, Harry E. (See Mulligan, Paul C., assignor.)
- Myers, Harry L., assignor to American Floor Surfacing Machine Company, Toledo, Ohio. Floor sanding machine. 2,031,665; Feb. 25.
- Myers, James E., Whitefish Bay, and W. F. Simonsen, Milwaukee, Wis. Sterilizing apparatus. 2,030,314; Feb. 11.
- Myers, John W., Roanoke, Va., assignor to The Standard Stoker Company, Incorporated, New York, N. Y. Stoker. 2,034,590; Mar. 17.
- Myers, John W., Roanoke, Va., assignor to The Standard Stoker Company, Incorporated, New York, N. Y. Locomotive stoker. 2,034,591; Mar. 17.
- Myers, Joseph A. H., Akron, Ohio. Field cooking apparatus. 2,057,172; Oct. 20.
- Myers, Joseph W., et al. (See Murray, Ernest E., assignor.)
- Myers, Joseph W., assignor, by mesne assignments, to Proctor & Schwartz, Inc., Philadelphia, Pa. Flatiron thermostat. 2,048,614; July 21.
- Myers, Joseph W., assignor, by mesne assignments, to Proctor & Schwartz, Inc., Philadelphia, Pa. Manufacturing flatirons and the like. 2,053,405; Sept. 8.
- Myers, Latimer D., assignor to Emery Industries, Inc., Cincinnati, Ohio. Cleaning fabrics. 2,056,141; Sept. 29.
- Myers, Latimer D., assignor to Emery Industries, Inc., Cincinnati, Ohio. Dry cleaning. 2,059,475; Nov. 3.
- Myers, Louis A., Chicago, assignor to Myers Manufacturing Company, Galesburg, Ill. Dish. 2,041,200; May 19.
- Myers Manufacturing Company. (See Myers, Louis, assignor.)
- Myers, Oscar, Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,027,194; Jan. 7.
- Myers, Oscar, Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,041,083; May 19.
- Myers, Oscar, Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,041,084; May 19.
- Myers, Oscar, Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,045,402; June 23.
- Myers, Philip B. (See Nikitin, A. A., Myers, and Adams.)
- Myers, Roy H., and L. Sandoz, Ventura, Calif. Low pressure gas alarm. 2,048,615; July 21.
- Myers, Shierfield G. (See Chafee, E. W., Murtagh, and Myers.)
- Myers, Shierfield G., Freeport, and E. W. Chafee, assignors to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Gunfire director system. 2,027,926; Jan. 14.
- Myers, Shierfield G., Freeport, and E. W. Chafee, assignors to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Fire control computer. 2,057,261; Oct. 13.
- Myers, Tyra L., Charleston, Ill., assignor to Vulcan Corporation, Portsmouth, Ohio. Holding device for shoe heels. 2,047,645; July 14.



- Myers, Walter, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,053,968; Sept. 8.
- Myers, Walter, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Strip-guide for sewing machines. 2,060,631; Nov. 10.
- Myers, Walter, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,063,264; Dec. 8.
- Myers, Wayne, Benton Harbor, Mich. Ironing machine. 2,036,769; Apr. 7.
- Myers, Wayne V., London, England. Container for lubricating oil. 2,040,625; May 12.
- Mygrants, Max A., Jackson, Mich. Mole trap. 2,048,135; July 21.
- Myhre, Arthur W., Orland, Calif. Battery marker and tag holder. 2,049,820; Aug. 4.
- Myhre, Conrad B., Harvey, N. Dak., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic control system. 2,050,367; Aug. 11.
- Myklebust, Emil, Battleview, N. Dak. Animal trap. 2,052,106; Aug. 25.
- Myler, Charles E., et al. (See Gallaher, Cyrus W., Jr., assignor.)
- Mylius, Walter G. (See Bradshaw, W. M., and Mylius.)
- Mylius, Walter G., Summit, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Detachable meter construction. 2,066,299; Dec. 29.
- Mylius, Walter G., Summit, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Detachable meter construction. 2,066,300; Dec. 29.
- Mylius, Walter G., Summit, and T. D. Barnes, Newark, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Watt hour meter. 2,057,443; Oct. 13.
- Mynssen, Jacob W., assignor to Aktiengesellschaft der Eisen- und Stahlwerke vormals Georg Fischer, Schaffhouse, Switzerland. Detachable rim. 2,062,722; Dec. 1.
- Myracle, Trueman M., Electra, Tex., assignor to The Texas Company, New York, N. Y. Releasable coupling. 2,059,175; Oct. 27.
- Myrland, G. W., et al. (See Burke, William H., assignor.)
- N. V. Adverteerings Maatschappij. (See Liwschutz, Georg, assignor.)
- N. V. De Schelde. (See Morganroth, Henri, assignor.)
- "N. V. Handel-en Exploitatie Maatschappij in Octrooien van gewapende asbestement-producten Ferrocald." (See Arentsen, Arie H., assignor.)
- N. V. Handelsvereniging V. H. Fa. Bessel-Kok. (See Ravestein, Willem, assignor.)
- N. V. Internationale Suiker en Alcohol Compagnie Internationale Sugar and Alcohol Company, "Isaco". (See Färber, Eduard, assignor.)
- N. V. Koninklijke Pharmaceutische Fabrieken v/h Brocades-Stheeman & Pharmacia. (See Schulte, Wilhelm, assignor.)
- N. V. Machinerieen-en Apparaten Fabrieken "Meaf". (See Dällenbach, Walter, assignor.)
- N. V. Machinerieen-en Apparaten Fabrieken "Meaf". (See Gerhard, Ernst, assignor.)
- N. V. Machinerieen-en Apparaten Fabrieken "Meaf". (See Grob, Hugo, assignor.)
- N. V. Machinerieen-en Apparaten Fabrieken, "Meaf". (See Holm, Waldemar, assignor.)
- N. V. Machinerieen-en Apparaten Fabrieken "Meaf". (See Leischner, Georg, assignor.)
- N. V. Machinerieen-en Apparaten Fabrieken "Meaf". (See Müller, Fritz, assignor.)
- N. V. Machinerieen-en Apparaten Fabrieken "Meaf". (See Neuhold, Walter, assignor.)
- N. V. Machinerieen-en Apparaten Fabrieken "Meaf". (See von Schütz, Friedrich, assignor.)
- N. V. Nederlandsche Gist-en Spiritusfabriek. (See Scheffer, Marinus A., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Boldingh, Willem H., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Bouwers, Albert, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Bouwers, A., and Boldingh, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Bruijnes, Johannes, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Bruijnes, J., Oosterhuis and Mulder, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See de Boer, Jan H., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See de Boer, J. H., and Dippel, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See de Boer, J. H., Dippel and Alink, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See de Boer, J. H., and Teves, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Dippel, Cornelius J., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Emmens, H., van Geel, and Classen, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Holst, G., Oosterhuis, and Mulder, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Kinkhorst, Hendrik, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Klinkhamer, Hendrik A. W., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Kuntke, Alfred, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Kuntke, A., and Boldingh, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Löpp, Edmund, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Maartens, J. H. J., and Maastricht, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Mulder, Johannes G. W., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Mulder, J. G. W., and Bruijnes, and Maartens, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Mulder, J. G. W., and Duinker, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Mulder, J. G. W., and Holst, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Oosterhuis, E., Mulder and Duinker, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Reerink, E. H., and de Boer, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Roeterink, Frans M., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Six, Willem, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Teves, M. C., and van Embden, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See van den Berg, Aart, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See van Embden, Hendrik J. M., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See van Liempt, Johannes A. M., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See van Vliet, Cornelis J., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Verhoeff, Adrianus, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Vingerhoets, Antonius W., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Wildeboer, Marinus, assignor.)
- N. V. Textima Textielhijverheid en Handel-Maatschappij. (See Singer, Leopold, assignor.)
- Naamloze Vennootschappij Industriële Maatschappij Voorhein Noury and von der Lande. (See Van Thiel, Emile, assignor.)
- Naamloze Vennootschappij Adverteerings Maatschappij. (See Liwschutz, Georg, assignor.)
- Naamloze Vennootschap Chemische Fabriek L. van der Grinten. (See van der Grinten, Lodewijk P. F., assignor.)
- Naamloze Vennootschap Ijzerhandel I. M. de Vries. (See De Vries, Abraham, assignor.)
- Naamloze Vennootschap "Kamatec". (See Stuivenberg, Cornelis H., assignor.)
- Naamloze Vennootschap Maatschappij tot Beheer en Exploitatie van Octrooien. (See Rosengarth, Friedrich, assignor.)
- Naamloze Vennootschap Machinefabriek Reineveld. (See van Riel, Pieter, assignor.)
- Nachman Spring-Filled Corporation. (See Suekoff, Louis A., assignor.)
- Nachod & United States Signal Co. (See Richterkessing, Frank H., assignor.)
- Nachtrieb, Norman D. (See Adams, H. T., and Nachtrieb.)
- Nacken, Walther, Gruna, Germany. Multiple wire drawing machine. 2,062,723; Dec. 1.
- Nadeau, Gale F. (See Malm, C. J., and Nadeau.)
- Nadeau, William. (See Schmidt, W. A., and Nadeau.)
- Naden, James H. (See Deane, H. C., and Naden.)
- Nadler, Jack. (See Gargano, F. J., and Nadler.)
- Nadler, Maurice D., New York, N. Y. Adjustable button-attaching device. 2,061,385; Nov. 17.
- Naëder, Maurice, Paris, France. Welding. 2,028,233; Jan. 21.
- Naert, Alexis, Detroit, Mich. Feed collet for automatic screw machines. 2,055,155; Sept. 22.
- Naery, John S., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Making reference apparatus for sheet metal parts. 2,039,105; Apr. 28.
- Naeser, Alfred, assignor of twenty-nine per cent to F. Hapke, and twenty per cent to F. Zeltinger, Milwaukee, Wis. Advertising device. 2,049,857; Aug. 4.
- Naeve, Jack, et al. (See McDowell, John, J. F., and E., assignors.)
- Nagamatsu, Ikugoro, Las Vegas, Nev. Hook. 2,038,851; Apr. 28.
- Nagasaki, Gennosuke, Yuzawa-Machi, Okachi-Gun, Akita-Ken, Japan. Steering wheel made of bended wood. 2,055,259; Sept. 22.
- Nagel, August, Stuttgart-Nord, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic camera. 2,039,737; May 5.
- Nagel, August, Stuttgart-Nord, Germany, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic roll film camera. 2,063,330; Dec. 8.
- Nagel, August, Stuttgart-Nord, Germany, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic roll film camera. 2,063,331; Dec. 8.
- Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Camera latch. 2,043,903; June 9.



- Nagel, August, Stuttgart, Germany, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Shutter actuating mechanism. 2,059,892; Nov. 3. Nagel-Chase Mfg. Co., The. (See Schultz, Edward, assignor.)
- Nagel-Chase Mfg. Co., The. (See Schultz, Edward H., Jr., assignor.)
- Nagel, Ernest A., Meadville, Pa. Drain cleaner. 2,059,532; Nov. 3.
- Nagel, George E., Columbus, Ohio. Precast concrete roof deck slab. 2,039,183; Apr. 28.
- Nagel, George E., Columbus, Ohio. Precast insulated concrete deck slab. 2,047,109; July 7.
- Nagle, Claude, Elmira, N. Y. Annealing furnace. 2,047,108; July 7.
- Nagy, Berthold, Ridgewood, N. Y. Adhesive feeder. 2,062,900; Dec. 1.
- Nagy, Berthold, Ridgewood, N. Y. Bottle crown adhesive feeding device. 2,066,071; Dec. 29.
- Nagy, James A., assignor of forty-five per cent to F. G. Richardson, Detroit, Mich. Refrigerator. 2,039,334; May 5.
- Nagy, Pál S., assignor of thirty per cent to H. Csarada, Budapest, Hungary. Infinitely variable transmission. 2,062,923; Dec. 1.
- Nagy, Stephen A., assignor of one-half to V. R. Baur, Detroit, Mich. Returnable box. 2,055,668; Sept. 29.
- Nahigyan, Kevork K., assignor to Riley Stoker Corporation, Worcester, Mass. Gas scrubber. 2,048,403; July 21.
- Naifeldt, William, Clifton, assignor to World Bestos Corporation, Paterson, N. J. Molded brake lining apparatus. 2,059,387; Nov. 3.
- Naiman, Julius M., Chicago, Ill. Fluid flow measuring means. 2,044,806; June 23.
- Nakanishi, Kinsaku, Hakata, Fukuoka, Japan. Pattern mechanism for looms. 2,058,095; Oct. 20.
- Nakashima, Tomomasa, and K. Takayanagi, Hamamatsu-Shi, Japan. Television receiving system. 2,034,704; Mar. 24.
- Nakashima, Tomomasa, and K. Takayanagi, Hamamatsu-Shi, Japan. Amplifying system for television. 2,055,156; Sept. 22.
- Nakashima, Tomomasa, and K. Takayanagi, Hamamatsu, Japan. Saw-tooth wave form current and voltage generating device. 2,055,611; Sept. 29.
- Nakken Patents Corporation. (See Nakken, Theodorus H., assignor.)
- Nakken, Theodorus H., assignor to Nakken Patents Corporation, New York, N. Y. Reproducing system. 2,039,182; Apr. 28.
- Nakken, Theodorus H., New York, N. Y., assignor to Nakken Patents Corporation. Noiseless recording. 2,042,619; June 2.
- Nall, Elmer L., Wheaton, Ill. Dispenser for oil cans. 2,026,588; Jan. 7.
- Nall, Elmer L., Wheaton, Ill. Liquid dispensing device. 2,029,334; Feb. 4.
- Nall, Elmer L., Wheaton, Ill. Liquid dispenser. 2,031,616; Feb. 25.
- Nall, John L., Danville, Va. Brake equalizing mechanism for motor vehicles. 2,027,873; Jan. 14.
- Nall, John L., Danville, Va. Brake shoe equalizing device. 2,027,874; Jan. 14.
- Nall, Torney O., Chicago, Ill. Method and apparatus for folding sheets. 2,039,335; May 5.
- Nallinger, Fritz, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Springing arrangement for vehicles. 2,026,909; Jan. 7.
- Nallinger, Fritz, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Motor vehicle. 2,033,731; Mar. 10.
- Nallinger, Fritz, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Cooling of motor car engines. 2,050,451; Aug. 11.
- Nallinger, Fritz, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Cooling apparatus operating with thermostats. 2,065,148; Dec. 22.
- Nance, Frank A., et al. (See Wilson, Thomas H., assignor.)
- Nance, James J., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,027,245; Jan. 7.
- Nance, James J., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,065,391; Dec. 22.
- Nanfaldt, Ernest, New Haven, Conn., assignor to Respro, Inc., Cranston, R. I. Display mechanism. 2,051,528; Aug. 18.
- Nanfaldt, William, Clifton, assignor to World Bestos Corporation, Paterson, N. J. Moldable composition and making the same. 2,037,687; Apr. 14.
- Nanfaldt, William, Clifton, assignor to World Bestos Corporation, Paterson, N. J. Molded brake lining and making the same. 2,061,918; Nov. 24.
- Nanfaldt, William, Clifton, assignor to World Bestos Corporation, Paterson, N. J. Brake lining. 2,061,919; Nov. 24.
- Napier, D., & Son Limited. (See Sewell, Charles W., assignor.)
- Napier, Edward W., Wichita Falls, Texas. Bottle support. 2,056,863; Oct. 6.
- Napier, James W., Carnegie, Pa. Target-making machine. 2,064,624; Dec. 15.
- Napier, Kenneth, Barberton, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,047,907; July 14.
- Nardone, Romeo M. (See Lansing, R. P., and Nardone.)
- Nardone, Romeo M., East Orange, N. J. Engine starting apparatus. 2,041,141; May 19.
- Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Combined engine starter and compressor. 2,032,025; Feb. 25.
- Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Automatic transmission. 2,034,150; Mar. 17.
- Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,038,191; Apr. 21.
- Nardone, Romeo M., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Transmission. 2,042,356; May 26.
- Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Starting mechanism. 2,043,627; June 9.
- Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,054,387; Sept. 15.
- Nardone, Romeo M., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Clutch mechanism. 2,061,167; Nov. 17.
- Narragansett Brewing Company, The. (See Haley, John W., assignor.)
- Narrow Fabric Company. (See Plumb, Frederic W., assignor.)
- Narrien, Henry S., et al. (See Hill, Joseph M., assignor.)
- Naruse, Tomisaburo, Minamishinagawa, Shinagawa-ku, Tokyo, Japan. Manufacturing inside frosted bulbs. 2,054,707; Sept. 15.
- Nasal Filter Co., The. (See Weaver, Harrison J., assignor.)
- Nasarevich, Leo, Jackson Heights, N. Y. Convertible automobile body. 2,057,907; Oct. 20.
- Naselmo Corporation, The. (See Jones, Hilton I., assignor.)
- Nash, Archibald F., Kingston Hill, England. Safety device for cranes and the like. 2,030,529; Feb. 11.
- Nash, Gerald J., et al. (See Wickliffe, Charles A., assignor.)
- Nash, Gerald J., and W. C. Krauss, Wichita Falls, Tex., assignors of thirty per cent to said Nash, thirty per cent to said Krauss, and forty per cent to C. A. Wickliffe. Auto wheel jack. 2,059,138; Oct. 27.
- Nash, John W. (See Floyd, J. M., Long, Nash, and Dibble.)
- Nash, Joseph T. (See Mallory, L. E., and Nash.)
- Nash, Marie D., et al. (See Nash, William C., assignor.)
- Nash, Richard L., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electrically controlled brakes. 2,065,194; Dec. 22.
- Nash, Robert J., Birmingham, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Racket frame. 2,046,881; July 7.
- Nash, Roy A., et al. (See Nash, William C., assignor.)
- Nash, Russell K., Brookline, assignor to Boston Blacking & Chemical Co., Boston, Mass. Pressing machine. 2,051,884; Aug. 25.
- Nash, William C., assignor of one-fifth to M. Jones, one-fifth to M. D. Nash, Neenah, Wis., one-fifth to W. M. Nash, Chicago, Ill., and one-fifth to R. A. Nash, New Rochelle, N. Y. Automatic web guide. 2,037,086; Apr. 14.
- Nash, William M., et al. (See Nash, William C., assignor.)
- Nashua Gummed & Coated Paper Company. (See Gautier, Trevor R., assignor.)
- Nashua Gummed & Coated Paper Company. (See Phillips, Russell W., assignor.)
- Nason, Joseph E. (See Ahrens, H. A., Kennedy, and Nason.)
- Nason, Joseph E. (See Cable, H. W., and Nason.)
- Nassau Smelting and Refining Company. (See Deitz, Louis S., Jr., assignor.)
- Nassau Smelting & Refining Company. (See Deitz, L. S., Jr., and Mansfield, assignor.)
- Nassau Smelting and Refining Company. (See Deitz, L. S., Jr., and Weiser, assignors.)
- Nasstrom, Robert, et al. (See Nelson, Oscar C., assignor.)
- Natella, Matteo, Salerno, Italy. Transmission mechanism. 2,031,059; Feb. 18.
- Natelson, Samuel, Brooklyn, N. Y. Surface tension measuring device. 2,054,438; Sept. 15.
- Nathan, Ellis, assignor to Pennsylvania Pump & Compressor Co., Easton, Pa. Compressor unloader. 2,037,140; Apr. 14.
- Nathan, Tracy D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Pipe joint assembly. 2,032,492; Mar. 3.
- Nathans, Albert F. (See De Leeuw, Adolph L., assignor.)
- Nathanson, Anna M. (See Nathanson, Matthew A., assignor.)
- Nathanson, Matthew A., assignor to A. M. Nathanson, Brookline, Mass. Foundation garment. 2,040,398; May 12.
- National Acme Company, The. (See Diebold, Charles E., assignor.)
- National Acme Company, The. (See Drissner, Alfred E., assignor.)
- National Acme Company, The. (See Drissner, A. E., and Beacom, assignors.)



- National Acme Company. (See Hoisington, C. H., and Beacom, assignors.)  
 National Acme Company, The. (See Probach, Otto, assignor.)  
 National Acme Company, The. (See Robbins, Walter C., assignor.)  
 National Acme Company. (See Simpson, C. W., and Drissner, assignors.)  
 National Acme Company. (See Stratford, C. W., and Drissner, assignors.)  
 National Adhesives Corporation. (See Haldenstein, Alfred A., assignor.)  
 National Aluminate Corporation. (See Paine, Louis B., assignor.)  
 National Aniline & Chemical Company. (See Bissell, Don W., assignor.)  
 National Aniline & Chemical Company. (See Conrad, Karl F., assignor.)  
 National Aniline & Chemical Company. (See Coward, Harold W., assignor.)  
 National Aniline & Chemical Company. (See Flett, Lawrence H., assignor.)  
 National Aniline and Chemical Company. (See Fleyscher, Maurice H., assignor.)  
 National Aniline & Chemical Company. (See Fleyscher, M. H., and Ogilvie, assignors.)  
 National Aniline & Chemical Company. (See Foster, Harold B., assignor.)  
 National Aniline & Chemical Company. (See Hess, Raymond W., assignor.)  
 National Aniline and Chemical Company. (See Kern, Jean G., assignor.)  
 National Aniline and Chemical Company. (See Kiernan, Harry G., assignor.)  
 National Aniline and Chemical Company. (See Kranz, Frederick H., assignor.)  
 National Aniline & Chemical Company. (See Masterson, Theodore L., assignor.)  
 National Aniline & Chemical Company. (See Moorhouse, William R., assignor.)  
 National Aniline and Chemical Company. (See Murch, W. M., and Higgins, assignors.)  
 National Aniline & Chemical Co. (See Ogilvie, James, assignor.)  
 National Aniline & Chemical Company. (See Ogilvie, J., and Fleyscher, assignors.)  
 National Aniline and Chemical Company. (See Patterson, George A., assignor.)  
 National Aniline & Chemical Company. (See Perkins, Robert L., assignor.)  
 National Aniline & Chemical Company. (See Perkins, R. L., and Sweet, assignors.)  
 National Aniline & Chemical Company. (See Punnett, Elton B., assignor.)  
 National Aniline & Chemical Co. (See Rapp, Herbert V., assignor.)  
 National Aniline & Chemical Company. (See Rauschert, Bryan L., assignor.)  
 National Aniline and Chemical Company. (See Riegler, Riewen, assignor.)  
 National Aniline & Chemical Company. (See Robinson, Jack D., assignor.)  
 National Aniline and Chemical Company. (See Rogers, Donald G., assignor.)  
 National Automotive Fibres, Inc. (See Mitchell, Allister S., assignor.)  
 National Battery Company. (See Lindem, Martin, assignor.)  
 National Bearing Metals Corporation. (See Crawford, Samuel W., assignor.)  
 National Bearing Metals Corporation. (See Vigne, Albert, assignor.)  
 National Biscuit Company. (See Davidson, Bruce J., assignor.)  
 National Biscuit Company. (See Marresford, Eugene F., assignor.)  
 National Blank Book Company. (See Schade, Frank S., assignor.)  
 National Blank Book Company. (See Schade, John, assignor.)  
 National Bread Wrapping Machine Co. (See Hoppe, William, assignor.)  
 National Brief Case Mfg. Co. (See Plotkin, Joseph H., assignor.)  
 National Broach & Machine Company. (See Hansen, Gustof L., assignor.)  
 National Broach & Machine Company. (See Rovick, John D., assignor.)  
 National Bronze & Aluminum Foundry Company, The. (See Wesseler, William J., assignor.)  
 National Brush Company. (See Porter, Clyde A., assignor.)  
 National Can Company. (See Hopkins, Arthur G., assignor.)  
 National Candy Company. (See Cosler, Horace B., assignor.)  
 National Carbon Company. (See Currie, Lauchlin M., assignor.)  
 National Carbon Company. (See Drummond, Price, assignor.)  
 National Carbon Company. (See Johnson, Adger S., assignor.)  
 National Carbon Company. (See Joralemon, A. M., and Vaughan, assignors.)  
 National Cash Register Co., The. (See Breitling, Ernst, assignor.)  
 National Cash Register Company, The. (See Christian, Raymond A., assignor.)  
 National Cash Register Company, The. (See Christian, R. A., and Ens, assignors.)  
 National Cash Register Company, The. (See Christian, R. A., Ganger, and Holt, assignors.)  
 National Cash Register Company, The. (See Dicke, Allen A., assignor.)  
 National Cash Register Company, The. (See Fellenberg, Richard, assignor.)  
 National Cash Register Company, The. (See Fuller, Frederick L., assignor.)  
 National Cash Register Company, The. (See Gardes, Alfred W., assignor.)  
 National Cash Register Company, The. (See Gelpke, Kurt, assignor.)  
 National Cash Register Company, The. (See Goldberg, Maximilian M., assignor.)  
 National Cash Register Company, The. (See Green, Charles W., assignor.)  
 National Cash Register Co., The. (See Lehmann, K. A., and Breitling, assignors.)  
 National Cash Register Company, The. (See Perkins, Nathan W., assignor.)  
 National Cash Register Company, The. (See Robertson, William H., assignor.)  
 National Cash Register Company, The. (See Sadgebury, Herman F., assignor.)  
 National Cash Register Company, The. (See Scott, Howard B., assignor.)  
 National Cash Register Company, The. (See Shipley, Bernis M., assignor.)  
 National Cash Register Company, The. (See Yackley, R. J., and Hall, assignors.)  
 National Casket Company. (See Nelson, Walter K., assignor.)  
 National Colortype Company, The. (See Ryder, Charles D., assignor.)  
 National Company. (See Smith, William G., assignor.)  
 National Display Co. (See Bickford, Andrew J. H., assignor.)  
 National Drug Company, The. (See Greenbaum, Frederick R., assignor.)  
 National Drug Company, The. (See Mulford, Henry K., assignor.)  
 National Dry Kiln Company, The. (See Krick, Arthur E., assignor.)  
 National Dyeing & Printing Company. (See Witte, William, assignor.)  
 National Electric Heating Company. (See Carleton, Robert A., assignor.)  
 National Electric Products Corporation. (See Clayton, Martin M., assignor.)  
 National Electric Products Corporation. (See Fullman, James M. G., assignor.)  
 National Electric Products Corporation. (See Moore, Ralph W. E., assignor.)  
 National Electromatic Corporation. (See Dougherty, James G., assignor.)  
 National Enameling and Stamping Company. (See Smith, Alva T., assignor.)  
 National Engineering Corporation. (See Pond, Dwight W., assignor.)  
 National Equipment Company. (See Rapisarda, Edward D., assignor.)  
 National Equipment Corporation. (See Poulter, John W., assignor.)  
 National Fireproofing Corporation. (See Nelson, Elmer A., assignor.)  
 National Fireproofing Corporation. (See Woods, Charles J., assignor.)  
 National Fireworks, Inc. (See Clark, George J. J., assignor.)  
 National Folding Box Company. (See Fisher, Frederick G., assignor.)  
 National Folding Box Company. (See Reichel, Ferdinand, assignor.)  
 National Fuels Corporation. (See Berry, G. A., and Beardsley, assignors.)  
 National Gas and Oil Engine Company Limited et al. (See Burn, Walter S., assignor.)  
 National Gravelite Corporation. (See Stanton, Wolcott P., assignor.)  
 National Gypsum Company. (See Crandell, Dean D., assignor.)  
 National Gypsum Company. (See Neher, Roy, assignor.)  
 National Gypsum Company. (See Venzie, Frederick M., assignor.)  
 National Lead Company. (See Garesché, Claude F., assignor.)  
 National Lead Company. (See Newnam, William E., assignor.)  
 National Lead Company. (See Sheaff, Edmund H., assignor.)  
 National Lead Company. (See Stewart, Alexander, assignor.)  
 National Lock Co. (See Anderson, Lloyd, assignor.)  
 National Lock Co. (See North, Edwin, assignor.)  
 National Lock Co. (See North, Edwin W., assignor.)  
 National Lock Washer Company, The. (See Conway, Thomas G., assignor.)  
 National Lock Washer Company, The. (See Schunk, Joseph, assignor.)



- National Log Construction Co. (See Tahvonen, C., and Wright, assignors.)  
 National Machinery Company, The. (See Clouse, William L., assignor.)  
 National Machinery Company, The. (See Friedman, John H., assignor.)  
 National Machinery Company, The. (See Kaufman, Charles, assignor.)  
 National Machinery Company, The. (See Riley, Michael J., assignor.)  
 National Machinery Company, The. (See Roe, Walter H., assignor.)  
 National Malleable & Steel Castings Company. (See Bazeley, Arthur J., assignor.)  
 National Malleable and Steel Castings Company. (See Buckius, Albert O., assignor.)  
 National Malleable and Steel Castings Company. (See Hobson, Roy C., assignor.)  
 National Malleable and Steel Castings Company. (See Nekola, Harry O., assignor.)  
 National Malleable and Steel Castings Company. (See Schmidt, Ernest H., assignor.)  
 National Malleable and Steel Castings Company. (See Schwartz, Harry A., assignor.)  
 National Malleable and Steel Castings Company. (See Shafer, James A., assignor.)  
 National Malleable and Steel Castings Company. (See Wittmer, Russell J., assignor.)  
 National Manufacturing Co., The. (See Seymour, Lynn L., assignor.)  
 National Marking Machine Company, The. (See Griesinger, John, assignor.)  
 National Metal Edge Box Company. (See Junkin, Malcolm P., assignor.)  
 National Metal Products Company. (See Gibson, George M., assignor.)  
 National Oil Products Company. (See Briod, André E., assignor.)  
 National Oil Products Company. (See Segessemann, Ernest, assignor.)  
 National Paper Box Co. (See Newton, Edwin H., assignor.)  
 National Pigments & Chemical Company. (See O'Brien, Jolly W., assignor.)  
 National Pneumatic Company. (See Forman, Paris R., assignor.)  
 National Pneumatic Company. (See Parvin, Edward G., assignor.)  
 National Pneumatic Company. (See Vander Veer, John H., assignor.)  
 National Pneumatic Company. (See Weigele, Albert E., assignor.)  
 National Police Signal Company. (See Bauer, Gustav F. C., assignor.)  
 National Postal Meter Company. (See Finrock, John Q., assignor.)  
 National Postal Meter Company. (See Finrock, J. Q., and Sager, assignors.)  
 National Postal Meter Company. (See Ryan, Commodore D., assignor.)  
 National Postal Meter Company. (See Sager, Frank P., assignor.)  
 National Pressure Cooker Company. (See Nelson, Carl, assignor.)  
 Natural Products Refining Co. (See Vetter, Joseph J., assignor.)  
 National Pumps Corporation. (See Bradley, Eric H., assignor.)  
 National Pumps Corporation et al. (See Saarinen, A. J., and Curtis, assignor.)  
 National Radiants and Refractories Corporation. (See Ziemet, Peter J., assignor.)  
 National Radiator Corporation. (See Hunter, Louis N., assignor.)  
 National Radiator Corporation. (See Jephson, A. C., and Custer, assignors.)  
 National Radiator Corporation. (See Young, John L., assignor.)  
 National Regulator Co. (See Larson, John M., assignor.)  
 National Rock Drill Company, The. (See Morris, Charles, assignor.)  
 National Rubber Machinery Company. (See Heston, Allen L., assignor.)  
 National Rubber Machinery Company. (See Iverson, Cato, assignor.)  
 National Rubber Machinery Company. (See Williams, Thomas H., assignor.)  
 National Sewing Machine Company. (See Smith, Walter A., assignor.)  
 National Smelting Company, The. (See Frost, John G. G., assignor.)  
 National Standard Company. (See Crowley, Guy F., assignor.)  
 National Standard Company. (See Deitsch, George H., assignor.)  
 National-Standard Company. (See Domm, Elgin C., assignor.)  
 National Standard Company. (See Harrah, Clayton C., assignor.)  
 National-Standard Company. (See Hormel, August, assignor.)  
 National-Standard Company. (See Pierce, Robert C., assignor.)  
 National-Standard Company. (See Shook, Florain J., assignor.)  
 National Steel Container Corporation. (See Norwood, Jens B., assignor.)  
 National-Superior Company, The. (See Archer, Merton T., assignor.)  
 National Superior Company, The. (See Gillett, F. L., and Morgan, assignors.)  
 National Superior Company, The. (See Hatfield, George A., assignor.)  
 National Superior Company, The. (See Hodge, A. J., and Spalding, assignors.)  
 National Superior Company, The. (See Long, Spencer W., assignor.)  
 National-Superior Company, The. (See Mahan, Joseph R., assignor.)  
 National Superior Company, The. (See Morgan, John S., Jr., assignor.)  
 National Superior Company, The. (See Morgan, J. S., Jr., and Murphy, assignors.)  
 National-Superior Company, The. (See Picard, John B., assignor.)  
 National-Superior Company, The. (See Ramsey, Robert P., assignor.)  
 National Superior Company, The. (See Spalding, John D., assignor.)  
 National Superior Company, The. (See Timbs, E., and Murphy, assignors.)  
 National Superior Company, The. (See Walters, Daniel W., assignor.)  
 National Superior Company, The. (See Young, Forrest J., assignor.)  
 National Superior Company, The. (See Young, F. J., Long, and Morgan, assignors.)  
 National Superior Company, The. (See Zerbe, Lewis E., assignor.)  
 National Supply & Service Corporation. (See Johnson, John A., assignor.)  
 National Technical Laboratories. (See Beckman, Arnold O., assignor.)  
 National Technical Laboratories. (See Beckman, A. O., and Fracker, assignors.)  
 National Television Corporation. (See Brockway, Carl P., assignor.)  
 National Television Corporation. (See Harding, Robert, Jr., assignor.)  
 National Television Corporation. See McKay, John W., assignor.)  
 National Television Corporation. (See Simons, Louis J., assignor.)  
 National Television Corporation. (See Zillger, Arno, assignor.)  
 National Tile Company, The. (See Butler, Noble C., assignor.)  
 National Tinsel Manufacturing Company. (See Protz, William C., assignor.)  
 National Traffic Signal Company. (See Olafson, Alvin O., assignor.)  
 National Trust Company Limited, executor. (See Russel, A. N., and Robb.)  
 National Tube Company. (See Adams, O. P., Phillips and Vorce, assignors.)  
 National Tube Company. (See Bannister, Bryant, assignor.)  
 National Tube Company. (See Boax, J. J., and Miller, assignors.)  
 National Tube Company. (See Bristol, C. L., and Chancellor, assignors.)  
 National Tube Company. (See Chappell, Eugene L., assignor.)  
 National Tube Company. (See Dudley, Wray, assignor.)  
 National Tube Company. (See Findlater, Stevenson, assignor.)  
 National Tube Company, The. (See Lynch, Harry B., assignor.)  
 National Tube Company. (See Mazurie, Harry R., assignor.)  
 National Twelve-In-One Device, Inc. (See Minos, S., and Sederis, assignors.)  
 National Union Radio Corporation. (See Cone, James H., assignor.)  
 National Union Radio Corporation. (See Hutchins, Henry A., Jr., assignor.)  
 National Washboard Company. (See Oppermann, Kurt P., assignor.)  
 National Wire Goods Manufacturing Company. (See Boyles, David S., assignor.)  
 Natkiel, H., and H. Engelke, New York, N. Y. Hair curler. 2,028,234; Jan. 21.  
 Natta, Giulio, Pavia, Italy. Manufacturing process for obtaining hydrogen by conversion of water gas. 2,038,440; Apr. 21.  
 Natural Food Products Company. (See Hoar, Stedman B., assignor.)  
 Natural Food Products Company. (See Stephens, H. C., and Hoar, assignors.)  
 Naturin Gesellschaft mit beschränkter Haftung. (See Becker, Oskar W., assignor.)  
 Naturkacz, Walter, Buffalo, N. Y. Feeding attachment for meat grinders. 2,030,758; Feb. 11.  
 Naturkacz, Walter, Buffalo, N. Y. Combination chair and high chair. 2,063,046; Dec. 8.  
 Nau, Henry A., New York, N. Y. Turnstile. 2,035,615; Mar. 31.  
 Nauert, Carl H., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerator cabinet insulation. 2,040,399; May 12.



- Naugler, Walter E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Spray collector. 2,040,758; May 12.
- Naugler, Walter E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Folding machine. 2,044,097; June 16.
- Naujoks, Erich. (See Fuchs, O., Naujoks, and Querfurth.)
- Naul, James M., Fanwood, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electric motor with low voltage lighting taps. 2,064,680; Dec. 15.
- Nauman, Friedrich K., Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Manufacture of articles from steel alloys. 2,059,893; Nov. 3.
- Naumann, Willy, assignor to Anker-Werke Aktiengesellschaft, Bielefeld, Germany. Cash register and the like. 2,063,265; Dec. 8.
- Naumkeag Steam Cotton Company. (See Field, Samuel B., assignor.)
- Naundorf, Wilhelm, Scheveningen, Netherlands. Manicuring implement. 2,061,877; Nov. 24.
- Naus, Edward P., Minneapolis, Minn. Preparation for treating plants. 2,045,791; June 30.
- Nauth, Raymond, Buffalo, N. Y., assignor, by mesne assignments, to Flexlume Corporation. Luminous tube. 2,057,908; Oct. 20.
- Nauth, Raymond, Buffalo, N. Y., assignor, by mesne assignments, to Flexlume Corporation. Electrode for luminous tube and making the same. 2,065,947; Dec. 29.
- Navarre, Edson W., Detroit, Mich. Brick veneer support. 2,034,766; Mar. 24.
- Navarre, Edson W., Detroit, Mich. Mold for casting a supporting ledge for brick veneer. 2,057,732; Oct. 20.
- Nave, Alfred E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Closure seal. 2,041,946; May 26.
- Nave, Charles A., Seattle, Wash. Container. 2,063,185; Dec. 8.
- Navert, John F., A. M. Steinmetz, and A. E. Steinmetz, Jr., Philadelphia, Pa. Electrical plug and receptacle. 2,060,887; Nov. 17.
- Navias, Louis, Schenectady, N. Y., assignor to General Electric Company. Sodium resistant glass. 2,030,389; Feb. 11.
- Navias, Louis, Schenectady, N. Y., assignor to General Electric Company. Glass. 2,030,390; Feb. 11.
- Navias, Louis, Schenectady, N. Y., assignor to General Electric Company. Glass. 2,056,930; Oct. 6.
- Navis, Paul C., W. A. Moran, Jr., G. E. Von Berg, and T. P. Garankin, New York, N. Y., said Garankin assignor of five per cent to said Navis, five per cent to said Moran, and five per cent to said Von Berg. Marking burglarized papers. 2,035,498; Mar. 31.
- Nawiasky, Paul, Ludwigshafen-on-the-Rhine, B. Stein, Mannheim, and E. Berthold and R. Zell, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Nitroanthraquinone-azoles. 2,030,823; Feb. 11.
- Nawiasky, Paul, Ludwigshafen-on-the-Rhine, and B. Stein, Mannheim, and E. Berthold and R. Zell, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 1-amino-2-anthraquinonyl-anthraquinone-azoles. 2,030,824; Feb. 11.
- Nawiasky, Paul, and R. Robl, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Producing new dyestuffs of the anthraquinone series. 2,039,023; Apr. 28.
- Nawiasky, Paul, and R. Zell, Ludwigshafen-on-the-Rhine, and W. Kuehne, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Acid dyestuffs of the anthraquinone series. 2,046,835; July 7.
- Nawiasky, Paul, and E. Berthold, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the perylene series. 2,054,334; Sept. 15.
- Nawiasky, Paul, Ludwigshafen-on-the-Rhine, and W. Eichholz, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Ketones of the anthracene series. 2,055,798; Sept. 29.
- Nawiasky, Paul, Ludwigshafen-on-the-Rhine, Berthold Stein, Mannheim, and R. Zell, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the anthraquinone series. 2,059,476; Nov. 3.
- Nawrocki, Frank S., North Hollywood, Calif. Signal device and mechanical movement. 2,035,184; Mar. 24.
- Naylor, Milton K., Three Rivers, Mich., assignor to The Eddy Paper Corporation, Chicago, Ill. Advertising display device. 2,064,174; Dec. 15.
- Naylor, Paul, Long Branch, Ontario, Canada. Overhead sliding door. 2,031,847; Feb. 25.
- Naylor, Paul, Long Branch, Ontario, Canada. Overhead sliding door. 2,037,085; Apr. 14.
- Nazimek, John J., Cardale, Pa. Bottle. 2,056,864; Oct. 6.
- Neal, Arthur M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preservation of rubber. 2,041,854; May 26.
- Neal, Bob, Arkadelphia, Ark. Compressor unit. 2,030,759; Feb. 11.
- Neal, Lewis W. (See Davies, C. G. and Neal.)
- Neal, Oliver L., Beaumont, Tex. Patch bolt. 2,043,861; June 9.
- Neal, Ralph H. (See Vahlteich, H. W., Haurand, and Neal.)
- Neal, Roy S., Kansas City, Kans. Brassière. 2,050,064; Aug. 4.
- Nealand, George E., Newburyport, assignor to The Carter's Ink Company, Cambridge, Mass. Spreader cap for adhesive containers. 2,063,617; Dec. 8.
- Neale, Albert E. T. (See Twiss, D. F., and Neale.)
- Neale, Charles F. (See Kronsbein, John, assignor.)
- Neale, Fred, Coventry, England, assignor to General Motors Corporation, Detroit, Mich. Suspension of machinery subject to vibration. 2,056,733; Oct. 6.
- Near, Harold B., and A. J. Pacini, Evanston, R. W. Crossley, M. M. Gerth, F. T. Breidigam, and J. D. Kelly, assignors to Libby, McNeill & Libby, Chicago, Ill. Composition of matter containing vegetable mucinous extract from plants. 2,060,336; Nov. 10.
- Neary, Edward J., St. John's, Newfoundland. Apparatus for slicing meats, cheese, etc. 2,033,293; Mar. 10.
- Neary, Edward J., St. John's, Newfoundland. Mechanical pencil. 2,046,836; July 7.
- Neats, Clarence P., East Orange, and W. W. Calahan, South Orange, N. J. Lap tray. 2,039,922; May 5.
- Nebach, Maurice, Detroit, Mich. Palm shield. 2,041,201; May 19.
- Nebel, Ernst O., deceased, Hatboro, Pa., F. C. Gartner, and E. S. Martin, executors. Stocking welt. 2,035,826; Mar. 31.
- Nebel, Max, Chemnitz, Germany. Flat knitting machine. 2,032,949; Mar. 3.
- Nebel, Max, Chemnitz, Germany. Apparatus for making plush fabric. 2,040,326; May 12.
- Neber, Peter W., Tubingen, Germany. Preparing cyclic 1-2-amino-ketones. 2,055,583; Sept. 29.
- Nebraska Bridge Supply and Lumber Company. (See Hatch, E. J., and Stringer, assignors.)
- Nechin, Abraham, assignor to Zelda Nechin, Chicago, Ill. Metal structure. 2,042,797; June 2.
- Nechin, Zelda. (See Nechin, Abraham, assignor.)
- Nechtow, Norman N., Los Angeles, Calif. Dental machine. 2,044,255; June 16.
- Nedbal, Stephan, Lakewood, N. J. Detachable blade for agricultural implements. 2,037,480; Apr. 14.
- Nederlandsche Technische Handel Maatschappij "Giro". (See Seligmann, Johannes, assignor.)
- Needham, Francis M., Pontiac, Mich. Prop. 2,045,484; June 23.
- Needham, John T., North Plainfield, N. J. Belt conveyer. 2,028,236; Jan. 21.
- Needham, John T., North Plainfield, N. J., assignor to General Conveyors Limited, Montreal, Quebec, Canada. Belt conveyer system. 2,028,235; Jan. 21.
- Needham, John T., North Plainfield, N. J., assignor to Lamson General Conveyors Limited, Montreal, Quebec, Canada. Motor speed control apparatus. 2,047,285; July 14.
- Needham, John T., North Plainfield, and W. J. Mann, Plainfield, N. J., assignors to General Conveyors Limited, Montreal, Quebec, Canada. Pneumatic dispatch tube apparatus. 2,034,918; Mar. 24.
- Needham, Leonard W., Selly Oak, Birmingham, assignor to Colliery Engineering Limited, Sheffield, England. Apparatus for washing coal and the like. 2,058,713; Oct. 27.
- Neel, James P. (See Stevens, C. W., and Neel.)
- Neeley, Marion J., Fort Worth, Tex. Vehicle lamp. 2,057,965; Oct. 20.
- Neelmeier, Wilhelm, Leverkusen-Weisdorf, and H. Morschel, Cologne-Deutz, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Waterinsoluble azodyestuffs derived from benzocarbazoles. 2,028,469; Jan. 21.
- Neelmeier, Wilhelm, W. Meiser, and O. Goll, Leverkusen-I. G.-Werk, and H. Morschel, Cologne-Deutz, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Watersoluble diazoamino compounds. 2,051,148; Aug. 18.
- Neelmeier, Wilhelm, Leverkusen, Weisdorf, H. Morschel, Cologne, Deutz, and O. Goll, Leverkusen-I. G.-Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water insoluble azodyestuffs derived from dihydrobenzocarbazoles. 2,054,829; Sept. 22.
- Neely, Frank R., Allentown, Pa. Composite box and manufacture thereof. 2,064,488; Dec. 15.
- Neely, George L., Berkeley, Calif. Spray nozzle. 2,050,368; Aug. 11.
- Neely, Thomas H., Stewart Manor, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,065,905; Dec. 29.
- Neer, Raymond L., assignor to The Nik-O-Lok Company, Indianapolis, Ind. Pin tumbler cylinder lock. 2,062,010; Nov. 24.
- Neerbye, Willy, assignor to A/S. Den Norske Remfabrik, Oslo, Norway. Vulcanizing belts, plates, and the like of vulcanizable materials. 2,054,000; Sept. 8.
- Neergaard, Charles F., Lake Waccabuc, N. Y. Wall construction. 2,063,115; Dec. 8.
- Neeson, Charles R., New Rochelle, N. Y., assignor to Baldwin Southwark Corporation. Method and apparatus for air conditioning. 2,027,058; Jan. 7.
- Neeson, Charles R., New Rochelle, N. Y., assignor to Baldwin-Southwark Corporation. Automatic oil separator control for refrigerating systems. 2,065,195; Dec. 22.
- Neeson, Charles R., New Rochelle, N. Y., and A. S. Locke, Philadelphia, Pa., assignors to Baldwin-Southwark Corporation. Condensate control means for air conditioning apparatus. 2,048,282; July 21.
- Neff, Asa J., Laredo, Tex. Brake mechanism for well machinery. 2,052,937; Sept. 1.



- Neff, Herbert P., Knoxville, Tenn. Chemical proportioning and mixing apparatus. 2,038,667; Apr. 28.
- Negrotto, Sidney H., U. S. Army, Fort Benning, Ga. Mount for machine guns. 2,030,889; Feb. 18.
- Neher, Charles, Berwyn, assignor to Templeton, Kenly & Co. Limited, Chicago, Ill. Pull rod jack. 2,044,483; June 16.
- Neher, Harry T., Bristol, assignor to Rohm & Haas Company, Philadelphia, Pa. Laminated glass and process for preparing. 2,032,663; Mar. 3.
- Neher, Roy, Clarence Center, assignor to National Gypsum Company, Buffalo, N. Y. Cleanable sieve. 2,059,139; Oct. 27.
- Nehls, Charles H., assignor to Eaton Detroit Metal Company, Detroit, Mich. Locking device. 2,060,337; Nov. 10.
- Nehlsen, Hermann, Dusseldorf-Meererbusch, assignor to Schloemann Aktiengesellschaft, Dusseldorf, Germany. Rolling mill. 2,035,756; Mar. 31.
- Nehlsen, Hermann, Dusseldorf-Meererbusch, assignor to Schloemann Aktiengesellschaft, Dusseldorf, Germany. Electric driving means for adjustable parallel shafts. 2,055,850; Sept. 29.
- Neidecker, Sybil K., New York, N. Y. Shoulder adjustment. 2,061,435; Nov. 17.
- Neidig, Ray E. (See Buckman, R. S., and Neidig.)
- Neidich Cel-Lus-Tra Corporation. (See Mendel, W., and Titone, assignors.)
- Neighbour, Leonard B., assignor to Deere & Company, Moline, Ill. Elevator. 2,026,794; Jan. 7.
- Neighbour, Leonard B., assignor to Deere & Company, Moline, Ill. Manure spreader. 2,051,885; Aug. 25.
- Neill, Charles W., et al. (See Matthews, Percy W., assignor.)
- Neill, James, & Company (Sheffield) Limited. (See Bower, William L., assignor.)
- Neill, Joseph R., Waterbury, assignor to The Watertown Manufacturing Company, Watertown, Conn. Making electric sockets. 2,033,643; Mar. 10.
- Neill, Paul. (See Tromp, G. P., and Neill.)
- Neilson, John R. B., Birmingham, and W. A. Willis, Rotherham, England, assignors to Stewarts & Lloyds Limited, Glasgow, Scotland. Support for mines and the like. 2,036,490; Apr. 7.
- Nein, William C., White Plains, N. Y., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Detachable watt-hour meter. 2,030,116; Feb. 11.
- Neininger, Wilhelm, Berlin-Siemensstadt, Germany, assignor to Sinfra A. G., St. Gallen, Switzerland. Knitting machine for the manufacture of tubular yarns. 2,038,753; Apr. 28.
- Neis, Robert E. (See Weaver, S. M., and Neis.)
- Neiss, Oskar, assignor to the firm Hanseatische Mühlenwerke Aktiengesellschaft, Hamburg, Germany. Working up of soaps. 2,033,732; Mar. 10.
- Netzel, Franz, assignor to the firm Durand & Huguenin S. A., Basel, Switzerland. Condensation products of naphthalene sulphonic acids with amino salicylic acids and preparing them. 2,048,283; July 21.
- Nekola, Harry O., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Manufacture of journal boxes. 2,043,551; June 9.
- Nekoosa-Edwards Paper Company. (See Luth, A. J., Nugent, and Christian, assignors.)
- Nelkin, Frances, New York, N. Y. Hat. 2,043,330; June 9.
- Nell, Frederic, assignor to Landis Machine Company, Waynesboro, Pa. Collapsible tap. 2,028,075; Jan. 14.
- Nell, Gustave M., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Rivet set cooling device. 2,053,676; Sept. 8.
- Nellen, Arthur H., Merion, assignor to Lee Rubber & Tire Corporation, Conshohocken, Pa. Vehicle tire. 2,028,003; Jan. 14.
- Nellis, Aubrey I. (See Le Febvre, Alfred L., assignor.)
- Nelms, Homer L., Albany, N. Y. Fish boning device. 2,030,463; Feb. 11.
- Nelms, Joseph C., East Cleveland, Ohio. Treatment for improving bituminous coal. 2,059,388; Nov. 3.
- Nelsen, Walter F. (See Wiener, M. L., and Nelsen.)
- Nelsen, Walter F., Oakland, assignor to Rylock Company Ltd., San Leandro, Calif. Door lock. 2,062,598; Dec. 1.
- Nelson, Adolf H., assignor to Pacific Machinery Company, San Francisco, Calif. Fruit pitting, stemming, and slicing machine. 2,035,912; Mar. 31.
- Nelson, Adolph C., and R. J. Frizzell, Salem, Oreg. Air heater and circulator for hop driers and the like. 2,032,628; Mar. 3.
- Nelson, Adolph L., Detroit, Mich. Piston. 2,038,754; Apr. 28.
- Nelson, Adolph L., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Piston. 2,043,112; June 2.
- Nelson, Adolph L., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Piston. 2,050,452; Aug. 11.
- Nelson, Adolph L., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Piston. 2,052,985; Sept. 1.
- Nelson, Albert, New York, N. Y. Dotted pen or pencil for drawing. 2,036,716; Apr. 7.
- Nelson, Albert C., Flushing, N. Y., assignor to Westinghouse X-Ray Company, Inc. Immobilization belt for X-ray apparatus. 2,027,318; Jan. 7.
- Nelson, Albert C., Flushing, N. Y., assignor to Westinghouse X-Ray Company, Inc. Shockproof X-Ray tilt table. 2,049,271; July 28.
- Nelson, Almour W. (See Holden, R. R., and Nelson.)
- Nelson, Anton R., Burlingame, Calif., assignor of one-half to T. Bonthron, San Francisco, Calif. Electric clock. 2,055,042; Sept. 22.
- Nelson, Arthur A., Burlington, Iowa. Piston. 2,032,849; Mar. 3.
- Nelson, Arthur E., Arcadia, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Conditioning fruit. 2,042,857; June 2.
- Nelson, Axel. (See Peterson, Charles, assignor.)
- Nelson, Bernard C., assignor to Nelson Tanning & Dyeing Co., Milwaukee, Wis. Wool skin shearing method and apparatus. 2,046,963; July 7.
- Nelson, Bert J. (See Coles, W. H., and Nelson.)
- Nelson Brothers Company. (See Nelson, Harry B., assignor.)
- Nelson, C., Manufacturing Company. (See Doyle, Glen non J., assignor.)
- Nelson, Carl, assignor to National Pressure Cooker Company, Eau Claire, Wis. Safety valve. 2,051,100; Aug. 18.
- Nelson, Carl E., Moscow, Idaho. Lawn mower. 2,061,003; Nov. 17.
- Nelson, Carl F. (See Jacobson, Erik W., assignor.)
- Nelson, Charles, Jr. (See Okner, B. S., and Nelson, assignors.)
- Nelson, Charles A., Albany, N. Y. Method and apparatus for transporting goods. 2,036,535; Apr. 7.
- Nelson, Charles S., assignor to The Carborundum Company, Niagara Falls, N. Y. Manufacturing rubber bonded abrasive articles. 2,043,766; June 9.
- Nelson, Claude A., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,032,144; Feb. 25.
- Nelson, Claude A., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,032,145; Feb. 25.
- Nelson Corporation, The. (See Watson, Edgar, assignor.)
- Nelson, Crescent F., assignor to The Western Union Telegraph Company, New York, N. Y. Signal conversion in telegraph systems. 2,046,964; July 7.
- Nelson, David, Wilmette, Ill. Combined shirt support and ironer. 2,045,868; June 30.
- Nelson, David J., Hamburg, assignor, by mesne assignments, to Martin & Schwartz, Inc., Buffalo, N. Y. Gasoline dispenser. 2,037,141; Apr. 14.
- Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oil. 2,034,526; Mar. 17.
- Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluid. 2,060,338; Nov. 10.
- Nelson, Elmer A., Chicago, Ill., assignor to National Fireproofing Corporation, Pittsburgh, Pa. Formite structure. 2,054,679; Sept. 15.
- Nelson, Emil, West Brainerd, Minn. Engine piston. 2,041,567; May 19.
- Nelson, Emil A., Detroit, Mich. Making wheels. 2,041,202; May 19.
- Nelson, Emil A., Lansing, Mich., assignor to Motor Wheel Corporation. Brake drum. 2,041,776; May 26.
- Nelson, Ernest E. H., Hot Springs National Park, Ark. Invisible indirect lighting dramatization screen. 2,053,732; Sept. 8.
- Nelson, Floyd R., assignor to Cotta Transmission Corporation, Rockford, Ill. Stoker. 2,037,260; Apr. 14.
- Nelson, George H. (See Hanks, M. W., and Nelson.)
- Nelson, George H., assignor to Hanksraft Company, Madison, Wis. Liquid conductor heater. 2,042,272; May 16.
- Nelson, George S., Salt Lake City, Utah. Wide span roof construction. 2,059,477; Nov. 3.
- Nelson, George W., Cleveland, Ohio. Card dealing and shuffling machine. 2,061,668; Nov. 24.
- Nelson, Gustav R., De Kalb, assignor to Wurlitzer Grand Piano Company, De Kalb, Ill. Box and making it. 2,026,698; Jan. 7.
- Nelson, Harry B., assignor to Nelson Brothers Company, Saginaw, Mich. Internal combustion engine. 2,034,198; Mar. 17.
- Nelson, Harry H., Paris, and G. Becker, Asnieres, France. Manufacture of paper. 2,033,351; Mar. 10.
- Nelson, Henry F., Danville, Ill. Bicycle lock. 2,038,232; Apr. 21.
- Nelson, Herbert, East Orange, N. J., assignor to Radio Corporation of America. Photoelectrostatic relay. 2,027,751; Jan. 14.
- Nelson, Herbert, East Orange, N. J., assignor to Radio Corporation of America. Phototube. 2,065,723; Dec. 29.
- Nelson, Homer J., assignor to Eastman Kodak Company, Rochester, N. Y. Openable package and making the same. 2,053,529; Sept. 8.
- Nelson, Jabez C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Combined washing and drying machine. 2,029,937; Feb. 4.
- Nelson, Jabez C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Apparatus for washing clothes. 2,034,527; Mar. 17.
- Nelson, Jabez C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Apparatus for washing clothes. 2,034,630; Mar. 17.
- Nelson, Jabez C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Apparatus for washing clothes. 2,034,631; Mar. 17.



- Nelson, Jabez C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Drainboard. 2,056,616; Oct. 6.
- Nelson, John R., Wray, Colo. Door closer. 2,048,616; July 21.
- Nelson, L. R., Mfg. Co. Inc. (See Armstrong, Charles C., assignor.)
- Nelson-Lemmon Truck Co. (See LeMoon, Axel R., assignor.)
- Nelson, Leon, Fords, N. J. Pie plate lifter. 2,054,708; Sept. 15.
- Nelson, Manville R., Malta, Mont. Folding table. 2,027,609; Jan. 14.
- Nelson, Martin L. (See Woodruff, L. F., and Nelson.)
- Nelson, Martin L., Park Ridge, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Electric sign. 2,043,707; June 9.
- Nelson, Millard A. (See McNulty, J. W., and Nelson.)
- Nelson, Nels, Upper Darby, Pa. Radio tuning device. 2,042,956; June 2.
- Nelson, Nels H., Minneapolis, assignor of one-half to G. E. Norberg, St. Paul, Minn. Wheeled toy. 2,034,824; Mar. 24.
- Nelson, Nels T., Attleboro, Mass., assignor to J. F. Sturdy's Sons Co. Baguette hook. 2,061,041; Nov. 17.
- Nelson, Oscar C., assignor of one-half to G. V. Abrahamson and one-half to R. Nasstrom, Minneapolis, Minn. Combination chair and ironing board. 2,060,000; Nov. 3.
- Nelson, Paul A., Golden, assignor to Wright & McGill Co., Denver, Colo. Machine for manufacturing fishhooks. 2,054,335; Sept. 15.
- Nelson, Peter N. (See Dahlstrom, A., and Nelson.)
- Nelson, Ralph E., and A. O. Rogers, assignors to Purdue Research Foundation, West Lafayette, Ind. Products derived from trichloroisobutane and producing them. 2,061,519; Nov. 17.
- Nelson, Reynold G., Pontiac, assignor to Alrey Steel Products Company, Clarkston, Mich. Sealing device. 2,055,180; Sept. 22.
- Nelson, Roy F., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Lubricants. 2,045,306; June 23.
- Nelson, Roy F., Nederland, Tex., assignor to The Texas Company, New York, N. Y. Manufacture of lubricants. 2,055,043; Sept. 22.
- Nelson, Roy F., Nederland, Tex., and L. Zapf, Dover, N. J., assignors to The Texas Company, New York, N. Y. Purifying naphthenic acids. 2,039,106; Apr. 28.
- Nelson, Rudolph A. (See Kosanovich, Burke B., assignor.)
- Nelson, Rudolph S., Rockford, Ill., assignor to The Hoover Company, North Canton, Ohio. Absorption refrigeration. 2,027,927; Jan. 14.
- Nelson, Rudolph S., Rockford, Ill., assignor to The Hoover Company, North Canton, Ohio. Absorption refrigerating apparatus. 2,035,499; Mar. 31.
- Nelson, Rudolph S., Rockford, Ill., assignor to The Hoover Company, North Canton, Ohio. Absorption refrigeration. 2,038,951; Apr. 28.
- Nelson, Stanley F., Brooklyn, N. Y., and F. F. Shipley, Teaneck, N. J., assignors to American Telephone and Telegraph Company. Telephone system. 2,054,910; Sept. 22.
- Nelson Tanning & Dyeing Co. (See Nelson, Bernard C., assignor.)
- Nelson, Thorsten. (See Franklin, E., and Nelson.)
- Nelson, Virginia P., New York, N. Y. Canopy support for sleeping bags or sun mats. 2,055,044; Sept. 22.
- Nelson, Walter K., Pittsburgh, Pa., assignor to National Casket Company, Boston, Mass. Hinge structure. 2,054,680; Sept. 15.
- Nelson, Wilbur B., assignor to Ice Plan Equipment Company, Philadelphia, Pa. Air-inlet drop tube and bracket for ice making. 2,060,632; Nov. 10.
- Nelson, William, New York, N. Y. Combination table and ironing board. 2,040,211; May 12.
- Nelson, William, assignor to Wilson-Jones Company, Chicago, Ill. Loose-leaf binder. 2,056,801; Oct. 6.
- Nelson, William L. (See Cretcher, L. H., Nelson, Butler, and Renfrew.)
- Nemeth & Adam, Inc. (See Nemeth, T., and Adam, assignors.)
- Nemeth, Steffen P., Chicago, Ill. Small-aspect-ratio wing. 2,063,456; Dec. 8.
- Nemeth, Theresa, and G. Adam, assignors to Nemeth & Adam, Inc., Ronkonkoma, N. Y. Lady's handbag. 2,063,850; Dec. 8.
- Nemethy, Giza, Yonkers, N. Y. Grass cutter and trimmer. 2,058,249; Oct. 20.
- Nemetz, Gustav. (See Friedmann, L., Deutsch, Jomek, Nemetz, and Eitzelt.)
- Nemzek, William P. B., North Arlington, N. J. Gravity thermal dilator. 2,026,747; Jan. 7.
- Nenninger, Eugen, Hamburg, Germany. Locking device. 2,037,261; Apr. 14.
- Nenninger, Lester F. (See Caster, J. E., and Nenninger.)
- Nenninger, Lester F. (See Ernst, H., and Nenninger.)
- Nenninger, Lester F. (See Peaslee, W., Nenninger, and Roehm.)
- Nenninger, Lester F., M. Romaine, and B. Sassen, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Machine for milling profiling, and the like. 2,036,293; Apr. 7.
- Nenninger, Lester F., and B. Sassen, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Control mechanism for the transmission of a milling machine. 2,054,165; Sept. 15.
- Neon Arrowlite, Inc. (See Pagendarm, John F., assignor.)
- Neosign Corporation. (See Shively, J. J., and Pennybacker, assignors.)
- Neosign Corporation. (See Vissing, Royal A., assignor.)
- Nepo, Harry W., Chicago, Ill. Safety motion picture projector. 2,045,022; June 23.
- Neptune, John E., Rich Hill, Mo. Wire line drilling clamp. 2,031,003; Feb. 18.
- Neptune Meter Company. (See Hazard, C. S., and Prentiss, assignors.)
- Neracher, Carl A., assignor to Chrysler Corporation, Detroit, Mich. Vehicle power transmitting system. 2,034,767; Mar. 24.
- Nerad, Herbert. (See Eichmann, F., and Nerad.)
- Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Eyeglass construction. 2,040,527; May 12.
- Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Eyeglass construction. 2,047,646; July 14.
- Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Eyeglass construction. 2,049,511; Aug. 4.
- Nero, Arvid H., West Hartford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electric switch. 2,057,536; Oct. 13.
- Nesbitt, Francis G., Dayton, Ohio. Gyro horizon indicator. 2,059,266; Nov. 3.
- Nesmith, Forrest L. (See Freysinger, P., and Nesmith.)
- Nesmith, George W., Tulsa, Okla. Spreader cap for muck-lage containers. 2,049,973; Aug. 4.
- Ness, Charles. (See Baker, H. J., and Ness.)
- Ness, Edward F., Toledo, Ohio. Carton. 2,027,488; Jan. 14.
- Ness, Elmer L., Minneapolis, Minn. Massaging and cleansing device for teeth and gums. 2,041,262; May 19.
- Nesselmann, Kurt. (See Altenkirch, E., and Nesselmann.)
- Nesselmann, Kurt V., Berlin-Siemensstadt, and E. Altenkirch, Neuenhagen, near Berlin, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. System for the conversion of heat. 2,027,610; Jan. 14.
- Nestler, Albert, A.-G. (See Stahl, Wilhelm, assignor.)
- Nestler, Actien Gesellschaft. (See Stahl, Wilhelm, assignor.)
- Neubauer, Edwin W., Portland, Oreg., assignor to Ray Burner Company, San Francisco, Calif. Apparatus for metering fluids. 2,037,994; Apr. 21.
- Neufeld, M., & Co. (See Cohn, Martin.)
- Neugart, Franz. (See Brühl, P., and Neugart.)
- Neugebauer, Hans. (See Fischer, F., Strecker, and Neugebauer.)
- Neugebauer, Hans. (See Rüntsch, K., and Neugebauer.)
- Neugebauer, Hans, Berlin-Lichterfelde, Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland. Printing device for lenticular element films. 2,051,387; Aug. 18.
- Neuhaus-May, Trude. (See Diez, A. M., and Neuhaus-May.)
- Neuhaus, Ralph. (See Fletcher, H. W., and Neuhaus.)
- Neuhaus, Ralph, assignor to Hughes Tool Company, Houston, Tex. Blow-out preventer. 2,044,590; June 16.
- Neuhaus, Richard, assignor to Nukem Products Corporation, Buffalo, N. Y. Acidproof tank. 2,054,587; Sept. 15.
- Neuhaus, Theodore A., Lakewood, assignor to The Glidden Company, Cleveland, Ohio. Crystallizing lacquer. 2,037,734; Apr. 21.
- Neuhausen, Sebastian P., assignor to Stampit Corporation, Lombard, Ill. Handle clamp. 2,062,472; Dec. 1.
- Neuhold, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Impregnating device. 2,052,938; Sept. 1.
- Neukom, Oliver W., Berkeley, assignor to Union Oil Company of California, Los Angeles, Calif. Miscible oil and preparing same. 2,060,425; Nov. 10.
- Neuland, Alfons H., Irvington, N. J. Gearing. 2,043,261; June 9.
- Neuland, Alfons H., Irvington, N. J. Transmission system and gearing lubrication. 2,051,886; Aug. 25.
- Neuland, Alfons H., Irvington, N. J., assignor, by mesne assignments, to The Power Transmission Company, Incorporated, New York, N. Y. Electric system, gearing and control for motor vehicles. 2,045,197; June 23.
- Neuman, Jacob J., South Salem, N. Y. Bag holding device. 2,064,848; Dec. 22.
- Neuman, Leonard J., Houston, Tex., assignor to The Texas Company, New York, N. Y. Vibration detector. 2,064,489; Dec. 15.
- Neumann, Frederick F. (See Sherman, R. M., and Neumann.)
- Neumann, Hans. (See Gerdien, H., and Neumann.)
- Neumann, John B. A. G., Maracaibo, Venezuela. Composition of calcium carbide. 2,048,962; July 28.
- Neumann, Josef, Brunn, Czechoslovakia. Fire extinguisher. 2,057,840; Oct. 20.
- Neumann, Leopold, assignor to Telefonograph-Patentverwertungs-Gesellschaft m. b. H., Vienna, Austria. Automatically recording and reproducing telephonic messages. 2,058,096; Oct. 20.



- Neumann, Lester A., assignor to M & L Typesetting & Electrotyping Company, Chicago, Ill. Apparatus for casting quads or spacers. 2,048,021; July 21.
- Neumann, Paul, Milwaukee, Wis. Aquarium. 2,028,913; Jan. 28.
- Neumayer, Eduard, Pfronten-Ried, Germany, assignor to Keuffel & Esser Co., Hoboken, N. J. Bifurcated drawing instrument. 2,041,299; May 19.
- Neumeier, Carl G., et al. (See Knapp, George S., assignor.)
- Neumuth, Theodore W., Richmond Hill, N. Y. Draft eliminator for windows. 2,044,916; June 23.
- Neureuther, Andrew H., assignor to Western Clock Company, Peru, Ill. Synchronous motor. 2,046,130; June 30.
- Neuschotz, Robert, New York, N. Y. Signal control system. 2,057,048; Oct. 13.
- Neuschotz, Robert A. (See Marmorstein, H. S., and Neuschotz.)
- Neutra, Richard J., Los Angeles, Calif. Construction of a sitting device. 2,034,412; Mar. 17.
- Neva-Clog Products, Inc. (See Bunnell, Earl C., assignor.)
- Nevatt, Christopher G., assignor to The Bristol Tramways & Carriage Company Limited, Bristol, England. Swash type engine. 2,028,557; Jan. 21.
- Neveling, Aloys, Chicago, Ill. Dipper handle for dredges. 2,048,561; July 21.
- Neveu, Anselme, Livry-Gargan, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Steering mechanism. 2,032,146; Feb. 25.
- Neveu, Frank A., Los Angeles, Calif. Radiator core. 2,044,952; June 23.
- Neville Company, The. (See Anderson, George K., assignor.)
- Neville Company, The. (See Anderson, G. K., assignor, and Carmody.)
- Neville, Joseph E., Deer Lodge, Mont. Animal trap. 2,042,728; June 2.
- Nevin, Donald A. (See Connor, R. L., and Nevin.)
- Nevin, Donald A. (See Forsyth, F. D., and Nevin.)
- Nevin, Donald A. (See Welk, N. S., and Nevin.)
- Nevin, Donald A. (See Zenner, D. R., and Nevin.)
- Nevin, Donald A., assignor, by mesne assignments, to J. G. Mumma, Waynesboro, Pa. Card indexing machine. 2,032,629; Mar. 3.
- Nevin, Donald A., assignor to The McBee Company, Athens, Ohio. Key card punch. 2,041,085; May 19.
- Nevin, Edward B., New York, N. Y., assignor to Nelson Littell, New Canaan, Conn. Motor vehicle. 2,043,057; June 2.
- Nevins-Church Press, Inc. (See Locke, Edwin A., Jr., assignor.)
- Nevitt, James S., assignor to The Murrey Company, Dallas, Tex. Follow block. 2,045,047; June 23.
- New, Gustave A., assignor to J. E. Rooney, Cleveland, Ohio. Acoustical plaster composition. 2,037,995; Apr. 21.
- New, Gustave A., assignor to J. E. Rooney, Cleveland, Ohio. Sand finish hard surface acoustical plaster. 2,037,996; Apr. 21.
- New Products Corporation. (See Banker, Oscar H., assignor.)
- New Albany Veneering Company. (See Perry, Thomas D., assignor.)
- Newall, Archibald P., Glasgow, Scotland. Heat treatment of metal bars. 2,051,645; Aug. 18.
- New Appliance Company, The. (See Jenkins, A., Day, and Rempp, assignors.)
- Newark Paraffine & Parchment Paper Co. (See Helfrich, John, assignor.)
- New Bedford Shuttle Company. (See Woodruff, Samuel, assignor.)
- Newberry, Thomas R., San Angelo, Tex. Shank support. 2,044,319; June 16.
- New Britain-Gridley Machine Company, The. (See Brown, R. S., and Retz, assignors.)
- New-Britain-Gridley-Machine Company, The. (See Gilchrist, David, assignor.)
- New Britain Machine Company, The. (See Costello, William F., assignor.)
- New Britain Machine Company, The. (See Gridley, G. O., Montgomery, and Wheeler, assignors.)
- New Britain Machine Company, The. (See Wheeler, Earl H., assignor.)
- New Brunswick Electric Supply Company. (See Mangin, James, assignor.)
- Newbury, William L. (See Todd, J. D., May, and Newbury.)
- Newby, Neal D. (See Abbott, H. H., and Newby.)
- Newcomb, Harry E., San Diego, Calif. Shell-reloading device. 2,061,977; Nov. 24.
- Newcomer, Harry S., New York, N. Y. Variable focus correcting lens. 2,048,284; July 21.
- Newcomer, Harry S., New York, assignor to United Research Corporation, Long Island City, N. Y. Stereoscopic photography. 2,045,093; June 23.
- Newell, Floyd B., and H. L. Mason, assignors to Taylor Instrument Companies, Rochester, N. Y. Pressure gauge. 2,054,911; Sept. 22.
- Newell, George. (See Swift, Edwin M., assignor.)
- Newell, Howard J., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Making multifocal lenses. 2,035,827; Mar. 31.
- Newell, Norman A., Millburn, N. J., assignor to American Telephone and Telegraph Company. Metering assembly. 2,034,825; Mar. 24.
- Newell, Robert E., Irwin, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Thermostatic structure. 2,037,142; Apr. 14.
- Newell, Robert E., Irwin, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Valve. 2,055,133; Sept. 22.
- New England Box Company, The. (See Tufts, N., and Johnson, assignors.)
- New England Butt Company. (See Scott, R. M., and Aldrich, assignors.)
- New England Mica Co. (See Boughton, W. A., and Mansfield, assignors.)
- New England Novelty Company. (See Bauer, George, assignor.)
- New England Trawler Equipment Co. (See Symonds, Ralph F., assignor.)
- Newey, Daniel H. (See Hufferd, G. H., and Newey.)
- Newhall, Carl A., Peabody, Mass., assignor to the United Shoe Machinery Corporation, Paterson, N. J. Machine for applying activating liquids to cemented shoe parts. 2,042,479; June 2.
- Newhall, Carl A., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Application of adhesive. 2,054,944; Sept. 22.
- Newhall, Charles W., Jr., Evanston, and T. B. Morse, Chicago, Ill. Cable testing device. 2,032,493; Mar. 3.
- Newhall, Charles W., Jr., Evanston, and T. B. Morse, Chicago, Ill. Cable testing device. 2,032,494; Mar. 3.
- Newhall, Herbert B., Saugus, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastener supplying apparatus. 2,036,352; Apr. 7.
- Newhall, Walter S., Chagrin Falls, Ohio. Switch stand. 2,054,758; Sept. 15.
- Newhall, Walter S., Chagrin Falls, Ohio. Switch stand. 2,054,759; Sept. 15.
- Newhard, Chapin S., St. Louis, Mo. Indicating board. 2,035,335; Mar. 24.
- Newhart, Harry D., San Anselmo, Calif., assignor of one-half to R. N. Carson, Jr. Vibration dampener. 2,032,377; Mar. 3.
- New Haven Clock Company, The. (See Whitehead, Richard H., assignor.)
- New Haven Clock Co., The. (See Whitehead, R. H., and Porter, assignors.)
- New Haven Vibrator Company, The. (See Pickop, George B., assignor.)
- Newhouse, Ray C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Combination drier and kiln unit. 2,027,059; Jan. 7.
- Newhouse, Ray C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Apparatus for stress relieving welded joints. 2,044,734; June 16.
- Newhouse, Ray C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Clinker cooler. 2,055,940; Sept. 29.
- Newhouse, Ray C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Cooler. 2,055,941; Sept. 29.
- Newhouse, Ray C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Method of stress relieving welded joints. 2,057,841; Oct. 20.
- Newhouse, Ray C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rotary kiln. 2,059,176; Oct. 27.
- Newhouse, Ray C., T. B. Montgomery, and R. F. Feind, Wauwatosa, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Dust collector. 2,047,908; July 14.
- Newhouse, Simeon E. (See Staples, D. R., and Newhouse.)
- Newhouse, Simeon E., Forest Hills, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric vehicle. 2,060,521; Nov. 10.
- Newhouse, Walter F., Benton Harbor, Mich. Machinery for making baskets. 2,056,734; Oct. 6.
- Newhouse, Walter F., Benton Harbor, Mich. Basket making machine. 2,057,342; Oct. 13.
- Newhouse, Walter F., and L. M. Hile, Benton Harbor, Mich. Machinery for making receptacles. 2,030,071; Feb. 11.
- New Idea Spreader Company, The. (See Oppenheim, Theodore H., assignor.)
- Newill, Edward B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,045,048; June 23.
- New Jersey Machine Corporation. (See Fleischer, P. W., and von Hofe, assignors.)
- New Jersey Machine Corporation. (See von Hofe, G. W., and Fleischer, assignor.)
- New Jersey Optical Company. (See Durgin, Edgar R., assignor.)
- New Jersey Zinc Company, The. (See Bunce, E. H., and Haslam, assignors.)
- New Jersey Zinc Company, The. (See Depew, Harlan A., assignor.)
- New Jersey Zinc Company, The. (See Flynn, Edmund J., assignor.)
- New Jersey Zinc Company, The. (See Gearhart, F. B., and Steele, assignors.)
- New Jersey Zinc Company, The. (See Grady, Lester D., Jr., assignor.)



- New Jersey Zinc Company, The. (See Handwerk, E. C., and Mahler, assignors.)
- New Jersey Zinc Company, The. (See Holstein, Leon S., assignor.)
- New Jersey Zinc Company, The. (See Peirce, W. M., and Anderson, assignors.)
- New Jersey Zinc Company, The. (See Stutz, G. F. A., and Elm, assignors.)
- New Jersey Zinc Company, The. (See Waring, Robert K., assignor.)
- New Jersey Zinc Company, The. (See Wilhelm, Ernest J., assignor.)
- Newkirk, George B., Queens, N. Y., assignor to Fairchild Sons, Incorporated. Fastener. 2,035,913; Mar. 31.
- Newkirk, William B. (See Ebert, C., and Newkirk.)
- Newkirk, William B., Western Springs, Ill., assignor to International Patents Development Company, Wilmington, Del. Manufacture of dextrose. 2,065,724; Dec. 29.
- Newman, Albert V., Cambridge, assignor to Edgar P. Lewis & Sons, Inc., Malden, Mass. Shaker control device for confection coating machinery. 2,033,781; Mar. 10.
- Newman, Alexander I., assignor to Precision Scientific Company, Chicago, Ill. Motor driven color screen. 2,064,625; Dec. 15.
- Newman, Arthur S., Highgate, London, assignor to Pathe-scope Limited, London, England. Feeding strip films. 2,036,717; Apr. 7.
- Newman, David F., Rockville Centre, N. Y., assignors to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Projection apparatus. 2,029,938; Feb. 4.
- Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Condenser for refrigerating machines. 2,029,890; Feb. 4.
- Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Condenser for refrigerating machines. 2,029,891; Feb. 4.
- Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Flow controlling device for refrigerating systems. 2,056,016; Sept. 29.
- Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Refrigerator. 2,059,016; Oct. 27.
- Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Refrigerator compressor. 2,059,894; Nov. 3.
- Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Evaporator for refrigerating machines. 2,060,633; Nov. 10.
- Newman, Edwin P. S., Washington, D. C. Train control means for toy electric trains. 2,038,308; Apr. 21.
- Newman, Frederick H., Milwaukee, Wis. Tea infuser. 2,065,149; Dec. 22.
- Newman, George W., St. Louis, Mo., assignor to Loose Leaf Metals Company. Binder bar and hinge lug therefor. 2,041,203; May 19.
- Newman, George W., St. Louis, Mo., assignor to Loose Leaf Metals Company. Loose leaf binder. 2,051,617; Aug. 18.
- Newman, I., & Sons, Inc. (See Kispert, Joseph J., assignor.)
- Newman, I., & Sons, Inc. (See Mowry, Otto D., assignor.)
- Newman, Isidor, New York, N. Y. Ether can. 2,034,481; Mar. 17.
- Newman, Isidor, New York, N. Y. Device for shaping sheet material. 2,045,235; June 23.
- Newman, Isidor, New York, N. Y. Device for removing sealing closures. 2,060,888; Nov. 17.
- Newman, James J., New York, N. Y. Glove powdering device. 2,034,592; Mar. 17.
- Newman, John M., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Motor controller. 2,057,909; Oct. 20.
- Newman, John W., London, England. Sign. 2,061,805; Nov. 24.
- Newman, Joseph, Brooklyn, N. Y. Muffler. 2,062,141; Nov. 24.
- Newman, Samuel F., assignor to Landis Machine Company, Waynesboro, Pa. Threading device. 2,043,862; June 9.
- Newman, Thomas J., Canton, Ohio. Meter test block. 2,032,301; Feb. 25.
- Newman, Ulysses B., Portland, Oreg. Collapsible head-rest. 2,056,479; Oct. 6.
- Newman, William A., Montreal, Quebec, Canada. Tender structure. 2,048,404; July 21.
- Newman, William J., Chicago, Ill. Excavating machine. 2,031,279; Feb. 18.
- Newman, William J., Chicago, Ill. Excavating material and machine therefor. 2,041,013; May 19.
- Newman, William J., Chicago, Ill. Tunneling. 2,055,876; Sept. 29.
- Newmark, Joseph, New York, assignor to Die Casting Corporation of America, Elmhurst, N. Y. Valve stem handle. 2,043,418; June 9.
- Newmeyer, Edward, Jr., Pittsburgh, Pa. Adjustable book support. 2,046,573; July 7.
- Newnam, William E., Collinsville, Ill., assignor to National Lead Company, St. Louis, Mo. Mechanically operated smelting hearth. 2,037,997; Apr. 21.
- Newport, Charles L., and H. C. Smith, Los Angeles, Calif. Retort lining. 2,033,644; Mar. 10.
- Newport Culvert Company, The. (See Little, H. J., and Hines, assignors.)
- Newport Industries, Inc. (See Bibb, Carlisle, H., assignor.)
- Newport Industries, Inc. (See Logan, W. B., and Knapp, assignors.)
- Newport Industries, Inc. (See Zimmerli, Adolph, assignor.)
- New Process Rayon, Inc. (See Furness, William H., assignor.)
- New Process Rayon, Inc. (See Gulbrandsen, Sverre, assignor.)
- Newsom, John B., Bloomington, Ind. Quarrying. 2,050,761; Aug. 11.
- Newsom, John B., Nevada City, assignor to Idaho Maryland Mines Co., San Francisco, Calif. Core drilling. 2,065,725; Dec. 29.
- Newsom, Kitchner K., et al. (See Mellars, N. W., and Swartfager, assignors.)
- Newsom, Kitchener K., San Francisco, Calif. Box. 2,037,428; Apr. 14.
- Newson, Joseph N., St. Louis, Mo. Helicoidal plow. 2,030,034; Feb. 4.
- Newson, Thomas O., Norton, Kans. Shipping case fastener. 2,065,240; Dec. 22.
- Newson, Wilfred F., Pittsburgh, Pa., assignor to Tracy Manufacturing Company. Edge welding. 2,038,668; Apr. 28.
- News Projection Corporation. (See Eitzen, August D., assignor.)
- News Projection Corporation. (See Spencer, James A., assignor.)
- News Syndicate Co. (See Barnhart, J. W., Baumbrucker, and Dodge, assignors.)
- News Syndicate Co. Inc. (See Friess, Gustave A., assignor.)
- News Syndicate Co. Inc. (See Tarvin, C. E., and Dodge, assignors.)
- New Stoughton Company, The, et al. (See Lubbers, Lubbert E., assignor.)
- Newton, Courtland G., assignor to H. S. Kehm, Chicago, Ill. Pipe fitting. 2,045,669; June 30.
- Newton, Edwin B., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Stable aqueous dispersion. 2,030,222; Feb. 11.
- Newton, Edwin E., Montreal, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,048,511; July 21.
- Newton, Edwin E., Montreal, and H. P. Ray, Mount Royal, Quebec, Canada, assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling strands. 2,032,950; Mar. 3.
- Newton, Edwin B., assignor to National Paper Box Co., Kansas City, Mo. Machine for shaping cardboard articles. 2,027,649; Jan. 14.
- Newton, George B., and G. H. Adamson, Toledo, Ohio, assignors of one-half to P. J. Mandabach, Chicago, Ill. Paste tube key. 2,054,990; Sept. 22.
- Newton, Harold D., Westmont, N. J., assignor to General Electric Company. Control means for signal control transmission systems. 2,065,344; Dec. 22.
- Newton, Herbert B., Brookline, Mass. Lawn mower. 2,029,498; Feb. 4.
- Newton, John S., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mercury collector resistance welding. 2,044,180; June 16.
- Newton, Lee F., Wichita Falls, Tex., assignor of one-half to Storey, Storey and Donaghey. Tire cover. 2,037,429; Apr. 14.
- Newton, Paul D., Dearborn, Mich., assignor to Eaton Detroit Metal Company. Ornament. 2,050,453; Aug. 11.
- Newton, Roy C. (See Richardson, W. D., Grettie, and Newton.)
- Newton, Roy C., and D. P. Grettie, assignors to Industrial Patents Corporation, Chicago, Ill. Oil and fat treatment and product. 2,060,587; Nov. 10.
- Newton, Roy W. (See Powell, R. A., and Newton.)
- Newton Steel Company. (See Fenton, Ray M., assignor.)
- Newtone Engineering Inc. (See Pfister, Arthur, assignor.)
- New York Air Brake Company, The. (See Campbell, Charles A., assignor.)
- New York Air Brake Company, The. (See Campbell, C. A., and Dodge, assignors.)
- New York Air Brake Company, The. (See Cartin, James D., assignor.)
- New York Air Brake Company, The. (See Morehouse, Charles B., assignor.)
- New York Air Brake Company, The. (See Morris, George V., assignor.)
- New York Air Brake Company, The. (See Safford, Lewis A., assignor.)
- New York Air Brake Company, The. (See Sillcox, Lewis K., assignor.)
- New York Air Brake Company, The. (See Wall, William G., assignor.)
- New York Central Railroad Company, The. (See Smith, Harry E., assignor.)
- New York Central Railroad Company, The. (See Thomas, William L., assignor.)
- New York Central Railroad Company, The. (See Williams, Hubert L., assignor.)
- New York Central Railroad Company, The. (See Wilson, J. S., Millsbaugh, and Overmire, assignors.)
- New York Rubber Corporation. (See Davis, Joseph E., assignor.)
- New York Wire Cloth Company. (See Holtzapfel, John H., assignor.)
- New Zealand Edlin-Stewart Engine Company Limited, The. (See Edlin, G. S., and Stewart, assignors.)



- Neyhart, Arthur P., Los Angeles, Calif., assignor to Western Clock Company, Peru, Ill. Automatic perpetual calendar. 2,056,532; Oct. 6.
- Neyhart, Arthur P., assignor of one-half to K. T. Norris, Los Angeles, Calif. Calendar clock mechanism. 2,056,905; Oct. 6.
- Niacet Chemicals Corporation. (See Cox, G. J., and Dadds, assignors.)
- Niagara Alkali Company. (See McCombs, M. F., and Decker, assignor.)
- Niagara Blower Company. (See Bright, G. B., and Olstad, assignors.)
- Niagara Blower Company. (See Bulkeley, Claude A., assignor.)
- Niagara County National Bank & Trust Company. (See Roberts, F. W., and Illig, assignors.)
- Niagara Machine & Tool Works. (See Lindgren, Bror J., assignor.)
- Niagara Machine & Tool Works. (See Munschauer, Frederick E., assignor.)
- Niagara Searchlight Co. Inc. (See Eaton, Richard M., assignor.)
- Niagara Sprayer and Chemical Company. (See Cary, J. B., Allgrunn, and Hollinger, assignors.)
- Niagara Sprayer and Chemical Co. (See Mewborne, Robert G., assignor.)
- Nicolai, Ruggero, Rome, Italy. Hydrostatic valve, more particularly for siphon discharge apparatus. 2,029,939; Feb. 4.
- Nichol, Herbert E., assignor to Kerner Incinerator Company, Milwaukee, Wis. Incinerator hopper door. 2,062,793; Dec. 1.
- Nicholas, Andrew J. (See Whisler, R. H., and Nicholas.)
- Nicholas, John S., Cleveland Heights, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Bar making process. 2,053,375; Sept. 8.
- Nicholides, Emmanuel C., assignor, by mesne assignments, to Sonotone Corporation, New York, N. Y. Piezoelectric device. 2,045,403; June 23.
- Nicholides, Emmanuel C., assignor, by mesne assignments, to Sonotone Corporation, New York, N. Y. Piezoelectric vibrator device. 2,045,404; June 23.
- Nicholides, Emmanuel C., assignor, by mesne assignments, to Sonotone Corporation, New York, N. Y. Bone conduction hearing aid. 2,062,372; Dec. 1.
- Nicholides, Emmanuel C., assignor, by mesne assignments, to Sonotone Corporation, New York, N. Y. Hearing aid bone vibrator. 2,062,373; Dec. 1.
- Nicholls, Henry M., Chicago, Ill., assignor to American Can Company, New York, N. Y. Liquid dispenser. 2,051,055; Aug. 18.
- Nicholls, Henry M., Chicago, Ill., assignor to American Can Company, New York, N. Y. Container. 2,056,977; Oct. 13.
- Nicholls, John S. C., Boston, Mass. Power and brake control mechanism for motor driven vehicles. 2,045,993; June 30.
- Nicholls, Walter N., and C. E. Ormsby, assignors to James Ernest Proctor, Toronto, Ontario, Canada. Fuel economizer. 2,033,534; Mar. 10.
- Nichols, August, Washington, Pa. Bed table and book rest. 2,050,115; Aug. 4.
- Nichols Copper Company. (See Baird, Dudley, assignor.)
- Nichols Copper Company. (See Dyer, John P., assignor.)
- Nichols Engineering & Research Corporation. (See Schilling, Frederick B., assignor.)
- Nichols Engineering & Research Corporation. (See Schroeder, Pauline, assignor.)
- Nichols Engineering & Research Corporation of Canada, Limited. (See Freeman, Horace, assignor.)
- Nichols, Ernest H., Hagerstown, Md. Granular material. 2,061,246; Nov. 17.
- Nichols, Ernest H., assignor to The Funkhouser Company, Hagerstown, Md. Producing granular material. 2,046,295; June 30.
- Nichols, George H., Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 2,063,186; Dec. 8.
- Nichols, George H., Quincy, and J. A. Caswell, Somerville, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Insole and making insoles. 2,051,887; Aug. 25.
- Nichols, Harry J., Dayton, Ohio. Aircraft float light or smoke bomb. 2,035,185; Mar. 24.
- Nichols, Harry J., Dayton, Ohio. Water-impact fuse. 2,035,186; Mar. 24.
- Nichols, Harry J., Dayton, Ohio. Shift mechanism. 2,049,468; Aug. 4.
- Nichols, Harry J., Binghamton, N. Y. Sharpener for razor blades. 2,058,348; Oct. 20.
- Nichols, Harry J., Dayton, Ohio, H. C. Forbes, Anderson, Ind., W. S. Harmon, Chicago, Ill., and H. J. Loftis, Ironton, Ohio, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio receiving system. 2,039,107; Apr. 28.
- Nichols, Harry T., Bridgeport, Conn. Roof covering. 2,028,004; Jan. 14.
- Nichols, Harry T., San Antonio, Tex. Traveling block construction. 2,034,728; Mar. 24.
- Nichols, Horace E., assignor of one-third to C. H. Chase and one-third to H. A. Freund, both of Detroit, Mich. Constant speed mechanism. 2,065,014; Dec. 22.
- Nichols, James C., Chicago, Ill. Roll end protector. 2,059,267; Nov. 3.
- Nichols, John R., et al. (See Wallace, Earl D., assignor.)
- Nichols, Margaret M., et al. (See Wallace, Earl D., assignor.)
- Nichols, John T. (See Lorig, E. T., Moore, and Nichols.)
- Nichols, John T., Pittsburgh, Pa. Thermocouple testing apparatus. 2,040,495; May 12.
- Nichols, Richard D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Pulverizing apparatus. 2,038,594; Apr. 28.
- Nichols, Thomas F., Hornell, N. Y. Reinforced concrete structural member. 2,035,977; Mar. 31.
- Nichols, Townsend A., Oskaloosa, Kans. Razor blade holder. 2,053,625; Sept. 8.
- Nichols, William H., Dallas, Tex. Pile driving attachment. 2,040,668; May 12.
- Nichols, Wilson S., Canton, Miss. Bale tag. 2,054,227; Sept. 15.
- Nicholson, Frank H., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,027,246; Jan. 7.
- Nicholson, Frank H., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric control system. 2,039,827; May 5.
- Nicholson, Frank H., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch controlling apparatus. 2,039,828; May 5.
- Nicholson, Frank H., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,046,179; June 30.
- Nicholson, Frank H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,045,992; June 30.
- Nicholson, Frank H., Edgewood, and H. W. Bryan, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,043,767; June 9.
- Nicholson, Frank H., Edgewood, and H. G. Blosser, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,043,768; June 9.
- Nicholson, Frederick. (See Peterman, T. A., and Nicholson.)
- Nicholson, George E., J. B. McGay, and B. E. Sanders, assignors to B. E. Sanders, Inc., Tulsa, Okla. Hair curling apparatus. 2,034,729; Mar. 24.
- Nicholson, Irvin, and F. Shields, Selden, Kans. Weather-proof metal sash. 2,045,609; June 30.
- Nicholson, Lewis C., et al. (See Robinson, William A., assignor.)
- Nichthauser, Bessie, New York, N. Y. Combined brassière and slip. 2,054,439; Sept. 15.
- Nickel, Robert H. (See Weinreich, G., and Nickel.)
- Nickel-Matic Soda Fountain Company. (See Christianson, Carl O., assignor.)
- Nickels, Will H., et al. (See Lane, Herald D. R., assignor.)
- Nickerson, Oscar M., Millinocket, Maine. Consistency regulator. 2,047,592; July 14.
- Nickerson, William H., Newton Center, Mass. Shoemaking. 2,064,681; Dec. 15.
- Nickerson, William H., Newton Center, Mass. Annealing apparatus. 2,064,682; Dec. 15.
- Nickle, Clifford A., Schenectady, N. Y., assignor to General Electric Company. Screen filtering arrangement. 2,059,017; Oct. 27.
- Nickles, Edward B., assignor to Manitowoc Shipbuilding Corporation, Manitowoc, Wis. Boom hoist for cranes. 2,051,388; Aug. 18.
- Nickol, Edwin F., Inc. (See Nickol, Edwin F., assignor.)
- Nickol, Edwin F., assignor to Edwin F. Nickol, Inc., Versailles, Ohio. Burial vault. 2,046,204; June 30.
- Nicodemus, Otto, Frankfort-on-the-Main-Hochst, and O. Wulff, Königstein, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Nitrides of higher unsaturated fatty acids and preparing them. 2,037,389; Apr. 14.
- Nicodemus, Otto, and W. Schmidt, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Aminobutane-disulphonic acids and alkyl-substitution products thereof and preparing them. 2,040,626; May 12.
- Nicol, Herbert E., Milwaukee, assignor to Kerner Incinerator Company, Milwaukee, Wis. Garbage incinerator. 2,032,809; Mar. 3.
- Nicol, James W. (See MacDonald, William R., assignor.)
- Nicol, John M., Mill Valley, Calif. Classifying materials. 2,053,802; Sept. 8.
- Nicolas, Marcel A., Buffalo, assignor to Bagpak, Inc., New York, N. Y. Spout for bag filling. 2,042,858; June 2.
- Nicolaus, Frank G., assignor to R. T. Moloney, Chicago, Ill. Check separator. 2,053,733; Sept. 8.
- Nicolet, Walther, Leipzig, Germany. Ribbon weaving. 2,055,553; Sept. 29.
- Nicolet, Walter, Leipzig, Germany. Ribbon loom. 2,065,286; Dec. 22.
- Nicoletti, John B., Chicago, Ill. Device for stretching the throat of shoe vamps. 2,062,758; Dec. 1.
- Nicolini, Albert G. (See Birr, John F. W., assignor.)
- Nicoll, B. & Company. (See Wood, W. W., and Lutz, assignors.)
- Nicoll, Benjamin F., Sr., New Orleans, La. Safety razor. 2,044,222; June 16.
- Nicoll, William D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose treatment. 2,033,782; Mar. 10.



- Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. Indicator. 2,038,054; Apr. 21.
- Nicolson, Alexander McL., assignor to Communication Patents, Inc., New York, N. Y. Travel sound source. 2,042,237; May 26.
- Nicolson, Alexander M., assignor to Communications Patents, Inc., New York, N. Y. Elastic wave television system. 2,042,859; June 2.
- Nicolson, Alexander McL., assignor to Communication Patents, Inc., New York, N. Y. Timepiece. 2,055,982; Sept. 29.
- Niconoff, Dimitry, Clarkdale, Ariz., assignor, by mesne assignments, to Phelps Dodge Corporation, New York, N. Y. Gas generator. 2,028,946; Jan. 28.
- Nicoson, William M., Indiana, Pa. Spraying device. 2,034,151; Mar. 17.
- Nicalumin Company, The. (See Hybinette, S. E., and Tingay, assignors.)
- Niederhofer, Eugene L., Chicago, Ill. Building structure. 2,053,873; Sept. 8.
- Niederl, Joseph B., New York, N. Y. Condensation product and process. 2,029,539; Feb. 4.
- Niederle, Max, Miami, Fla. Light or photo printing. 2,041,478; May 19.
- Niedorff, Paula, and E. Manolesco, New York, N. Y.; said Manolesco, assignor to said Niedorff. Combined shopping bag and purse. 2,038,952; Apr. 28.
- Niedringhaus, Inc. (See Woehler, Henry G., assignor.)
- Nielsen, Christian and N., Spencer, Iowa. Vulcanizing kettle. 2,035,092; Mar. 24.
- Nielsen, Edward J. W., Mackay, Queensland, Australia. Plow. 2,065,015; Dec. 22.
- Nielsen, Frederik, Quincy, Mass. Wheel alignment tester. 2,033,352; Mar. 10.
- Nielsen, Herluf, New York, N. Y. Headlight. 2,054,709; Sept. 15.
- Nielsen, Iver B., assignor to The Aro Equipment Corporation, Bryan, Ohio. Lubricant supply fixture. 2,035,093; Mar. 24.
- Nielsen, Joseph N., New York, N. Y. Wall outlet and fitting. 2,052,312; Aug. 25.
- Nielsen, Kai C. (See Jepsen, H. J., and Nielsen.)
- Nielsen, Neal. (See Nielsen, Christian, and N.)
- Nielsen, Niels, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Homogenizing pulverulent materials. 2,027,697; Jan. 14.
- Nielsen, Niels E., Irvington, N. J. Boiler tube cleaner. 2,057,842; Oct. 20.
- Nielsen, Peter, assignor to Jubilee Manufacturing Co., Omaha, Nebr. Windshield defroster. 2,051,999; Aug. 25.
- Nielsen, William. (See Wahlstrom, C. G., and Nielsen.)
- Nieman, Henry W., Bethlehem, Pa., assignor to Bethlehem Steel Company. Treating sheet metal. 2,040,442; May 12.
- Nieman, Henry W., Bethlehem, Pa., assignor to Bethlehem Steel Company. Method of and apparatus for treating sheet metal. 2,060,400; Nov. 10.
- Nieman, Henry W., Bethlehem, and G. B. Linderman, Jr., Pittsburgh, Pa., assignors to Bethlehem Steel Company. Clutch. 2,032,066; Feb. 25.
- Niemand, Otto, Long Island City, N. Y. Rotary printing machine. 2,031,727; Feb. 25.
- Niemann, Frederick A., assignor to Felt & Tarrant, Mfg. Co., Chicago, Ill. Device for distribution of accounts. 2,033,147; Mar. 10.
- Niemann, Frederick A., assignor to Felt & Tarrant Mfg. Co., Chicago, Ill. Clip board. 2,061,878; Nov. 24.
- Niemann, Georg, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Disazo dyestuff. 2,031,426; Feb. 18.
- Niemann, Gustav, assignor to Demag Aktiengesellschaft, Duisburg, Germany. Grab. 2,057,910; Oct. 20.
- Niemi, Matti, Seattle, Wash. Hoisting block. 2,061,083; Nov. 17.
- Niemic, Norbert, Detroit, Mich. Device for drafting. 2,060,686; Nov. 10.
- Nienow, George C., Plainview, Minn. Piston. 2,049,922; Aug. 4.
- Niese, Katherine M., Chicago, Ill. Curtain hanger. 2,063,332; Dec. 8.
- Niesen, Jacob P., Racine, Wis. Fused wall receptacle. 2,039,336; May 5.
- Niethamer, Paul. (See Kaiser, A., and Niethamer.)
- Nieto, Carl G., Detroit, Mich. Door signal device. 2,039,975; May 5.
- Nietzel, John A., Elizabeth, and R. Toeplitz, Irvington, N. J. Double lever side cutting implement. 2,028,558; Jan. 21.
- Nieuwland, Julius A., and F. J. Sowa, Notre Dame, Ind., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of esters. 2,036,353; Apr. 7.
- Nigbor, Joseph, Mount Clemens, Mich. Clapping toy. 2,033,585; Mar. 10.
- Nightingale, Francis B., Pasadena, Calif. Submergible illuminating device. 2,051,175; Aug. 18.
- Nigoul, Osmin P. F., Hussein Dey, Algeria. Envelope for letters. 2,044,541; June 16.
- Nikitin, Alexander A., and P. B. Myers, Newark, and J. F. Adams, Wilmington, Del., assignors to W. C. O'Kane, Durham, N. H., and P. Moore, Washington, D. C., Trustees of Crop Protection Institute, Washington, D. C. Fungicide and insecticide. 2,040,811; May 12.
- Nik-O-Lok Company, The. (See Neer, Raymond L., assignor.)
- Niks, Nickolas J., Munising, Mich. Paper making machine. 2,027,611; Jan. 14.
- Niles, Bement-Pond Company. (See Crowey, Norman J., assignor.)
- Niles-Bement-Pond Company. (See Terry, Spencer B., assignor.)
- Niles, Carroll S., Rockland, Maine. Time delay mercury switch. 2,038,669; Apr. 28.
- Niles Steel Products Company, The. (See Thomas, David W., assignor.)
- Nilson, Frederick C., assignor to General Railway Signal Company, Rochester, N. Y. Testing device for threaded articles. 2,030,464; Feb. 11.
- Nilson, John L., Chicago, Ill. Wringer mop. 2,043,973; June 9.
- Nilson, John L., Chicago, Ill. Wringer mop. 2,043,974; June 9.
- Nilson, John L., Chicago, Ill. Combination wringing mechanism and swab holder lock for wringer mops. 2,043,975; June 9.
- Nilson, John L., Chicago, Ill. Pivot arm lock. 2,045,958; June 30.
- Nilson, John L., Chicago, Ill. Pivot arm construction for wringer mops. 2,065,089; Dec. 22.
- Nilson, Lars G., Hoboken, N. J., M. H. Mial, executor of said L. G. Nilson, deceased, assignor of one-half to F. P. Fahy, New Rochelle, N. Y., and one-half to A. N. Spanel, Rochester, N. Y. Apparatus for and method of cleaning. 2,060,238; Nov. 10.
- Nilson, Leonard D., Wayzata, Minn. Bumper jack. 2,064,445; Dec. 15.
- Nilsson, Alex G. A., and H. E. Lindberg, Malmo, Sweden. Power transmission. 2,034,988; Mar. 24.
- Nilsson, Axel L., Detroit, Mich., assignor to Colonial Broach Company. Broach. 2,060,889; Nov. 17.
- Nilsson, Karl G. V., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Sealed bearing. 2,031,571; Feb. 18.
- Nimcheck, Frank M., Morgantown, W. Va. Wheel straightening apparatus. 2,033,048; Mar. 3.
- Nimtz, Fred F. (See Schenk, Peter, assignor.)
- Ninekirk, Chester F., Berkeley, Calif. Child's play vehicle. 2,031,176; Feb. 18.
- Nineteen Hundred Corporation. (See Behan, Thomas W., assignor.)
- Nineteen Hundred Corporation. (See Douglas, Samuel A., assignor.)
- Nineteen Hundred Corporation. (See Morganstern, Charles E., assignor.)
- Nineteen Hundred Corporation. (See Quinn, R. D., and Morgenstern, assignor.)
- Ninnelt, Fred, Frankfurt-on-the-Main, Germany. Device for producing artificial silk threads of perfectly uniform cross-sectional shape. 2,037,087; Apr. 14.
- Nirdlinger, Maximilian, Pittsburgh, Pa. Weed puller. 2,041,263; May 19.
- Nisbet, Robert H., Osterley, England, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Remote control system. 2,054,945; Sept. 22.
- Nisenon, Julius, Brooklyn, assignor to Master Venetian Blind Hardware Corporation, New York, N. Y. Venetian blind. 2,036,231; Apr. 7.
- Nisewanger, Jacob F., Orange Cove, Calif. Transplanting implement. 2,036,433; Apr. 7.
- Nishio, Torazo, Jamaica, N. Y. Bamboo toothbrush. 2,036,354; Apr. 7.
- Nisizawa, Yusiti, Tokyo, Japan. Etching aluminum. 2,033,444; Mar. 10.
- Nissen, Henry C., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,028,005; Jan. 14.
- Nissen, Henry C., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,034,593; Mar. 17.
- Nissley, Jacob H., trustee et al. (See Peltz, Gordon M., assignor.)
- Nist, Joseph T., Canton, Ohio. Receptacle for motion picture films. 2,030,465; Feb. 11.
- Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Purification of ether. 2,053,439; Sept. 8.
- Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Treatment and packaging of ether. 2,058,250; Oct. 20.
- Nitardy, Ferdinand W., Brooklyn, N. Y., and W. Erhard, North Bergen, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Multicameral collapsible container. 2,058,251; Oct. 20.
- Nitalloy Corporation, The. (See Aubert, Pierre F. M., assignor.)
- Nitalloy Corporation, The. (See Babinet, Marie L. A., assignor.)
- Nitalloy Corporation, The. (See DeFries, Henry A., assignor.)
- Nitalloy Corporation, The. (See Lindemuth, Lewis B., assignor.)
- Nittel, Lawrence, East Bakersfield, Calif. Quick detachable oil pan. 2,053,297; Sept. 8.
- Nittka, Alfred, Pigeon, Mich. Fluid pressure pump or motor. 2,065,090; Dec. 22.
- Niutta, Thomas J. (See Morneautt, L., Lyda, and Niutta.)



- Niven, Henry A., and E. Kiff, assignors to L. G. Balfour Company, Attleboro, Mass. Finger ring. 2,027,060; Jan. 7.
- Niven, William J., Newcastle-upon-Tyne, England. Thimble tube boiler. 2,047,881; July 14.
- Nixon, Deane L., assignor of one-half to S. M. Hall, Kansas City, Mo. Apparatus for conditioning air. 2,057,106; Oct. 13.
- Nixon, Ernest G., London, England, assignor, by mesne assignments, to American Sales Book Company, Inc. Manifold book. 2,061,168; Nov. 17.
- Nixon, Jeddy D., Houston, Tex. Blow-out preventer. 2,064,267; Dec. 15.
- Nixon, Thomas H. (See Knox, Harry A., and Hay.)
- Nixon, Thomas H. (See Knox, H. A., and Nixon.)
- Noack, Walter G., assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Heat exchanger. 2,037,814; Apr. 21.
- Noack, Walter G., Baden, Switzerland, assignor to the firm Holzwarth Gasturbinen G. m. b. H., Mulheim-Ruhr, Germany. Fixing turbine blades in place. 2,038,670; Apr. 28.
- Noack, Walter G., assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Steam generator. 2,046,530; July 7.
- Noack, Walter G., assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Pulverizing plant. 2,055,385; Sept. 22.
- Noack, Walter G., Baden, Switzerland, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Fuel pump. 2,056,204; Oct. 6.
- Noah, Floyd T., Greensboro, N. C. Spinning stop motion. 2,050,580; Aug. 11.
- Noble, Alphonso, Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Determining maximum or minimum temperatures. 2,058,491; Oct. 27.
- Noble, Arnold, Halifax, and T. P. Walkland, Morecambe, England. Hat peg or the like. 2,027,489; Jan. 14.
- Noble, Aubrey E., Snyder, N. Y. Electric incandescent lamp. 2,064,490; Dec. 15.
- Noble, Bertrand H. H. (See Osborne, A. G., and Noble.)
- Noble, F. H., & Co. (See Shields, John M., assignor.)
- Noble, F. H., & Co. (See Van Pelt, Herbert C., assignor.)
- Noble, Harrell V. (See Mourontseff, I. E., and Noble.)
- Noble, Robert J., Glendale, Calif. Rodding and tamping machine for concrete. 2,030,315; Feb. 11.
- Noble, Robert J., assignor to Roads Construction Company, Ltd., Glendale, Calif. Gate operating device for automatic weighing machines. 2,033,586; Mar. 10.
- Noble, Royce J., Malden, assignor to Heveatex Corporation, Melrose, Mass. Compounding rubber. 2,053,530; Sept. 8.
- Noble, Royce J., Malden, assignor to Heveatex Corporation, Melrose, Mass. Manufacture of rubber-bonded abrasive articles. 2,057,733; Oct. 20.
- Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Rock drill feeding means. 2,038,595; Apr. 28.
- Noble, Warren, Michigan City, Ind., assignor, by mesne assignments, to Safety Mining Company, Chicago, Ill. Material breaking apparatus. 2,058,097; Oct. 20.
- Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Shock absorbing device. 2,061,806; Nov. 24.
- Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Rock drill rifle nut and making same. 2,061,807; Nov. 24.
- Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Rock drill. 2,062,817; Dec. 1.
- Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Valve mechanism. 2,063,047; Dec. 8.
- Noble, Warren, Michigan City, Ind., assignor to General Motors Corporation, Detroit, Mich. Hydraulic valve gear. 2,063,881; Dec. 8.
- Noble, Warren, Michigan City, Ind., assignor to General Motors Corporation, Detroit, Mich. Hydraulic actuating means. 2,063,882; Dec. 8.
- Noble, William N., New York, N. Y. Airship. 2,060,469; Nov. 10.
- Noble & Wood Machine Co., The. (See Tolman, C. P., and Coghill, assignors.)
- Noblitt-Sparks Industries, Inc. (See Booth, Earl C., assignor.)
- Nock, Joseph A., Jr., Tarentum, assignor to Aluminum Company of America, Pittsburgh, Pa. Thermal treatment of aluminum alloys containing copper. 2,062,329; Dec. 1.
- Nock, Joseph A., Jr., Tarentum, and H. R. Freche, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 2,063,942; Dec. 15.
- Noddings, Henry S., Washington, D. C. Automatic row boat. 2,051,221; Aug. 18.
- Noé, Rudolf, Hanover, Germany. Shooting seat. 2,064,215; Dec. 15.
- Noel Associates, Inc. (See Simjian, Luther G., assignor.)
- Noel, Burt R., assignor to Marquardt Company, Milwaukee, Wis. Inner spring mattress. 2,059,478; Nov. 3.
- Noel & Cia. Ltda. (See Piacentini, Jorge M., assignor.)
- Noel, Henry M., Paris, France, assignor to Standard Oil Development Company. Cooling and granulating asphalt. 2,062,374; Dec. 1.
- Noel, James F., Rawlins, Wyo. Ore concentrator. 2,035,564; Mar. 31.
- Noell, Isome H., and F. W. Hoeme, Hooker, Okla. Mobile ground working device. 2,029,249; Jan. 28.
- Noell, Isome H., and F. W. Hoeme, Hooker, Okla. Mobile ground working device. 2,029,250; Jan. 28.
- Noell, Isome H., and F. W. Hoeme, Hooker, Okla. Mobile ground working device. 2,041,616; May 19.
- Noell, Willi. (See Horwitt, N. G., Katcher, and Noell.)
- Noelting, William H. (See Brokaw, E. A., and Noelting.)
- Noerr, Hermann, and G. Mauthe, Leverkusen-I. G.-Werk, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of new tanning materials. 2,045,049; June 23.
- Nolan, Frank J., Bridgeport, Conn., assignor to Electro-Gas Corporation, Rochester, N. Y. Apparatus for producing a dry fixed gas. 2,059,268; Nov. 3.
- Nolan, Frank J., Bridgeport, Conn., assignor to Electro-Gas Corporation, Rochester, N. Y. Apparatus for producing a dry fixed gas. 2,059,269; Nov. 3.
- Nolan, John R., Larchmont, N. Y., assignor to The Diamond Match Company, Wilmington, Del. Match packet and making the same. 2,039,491; May 5.
- Nolan, William P., New York, N. Y. Arterial blood pressure measuring device. 2,039,337; May 5.
- Nolan, Roger A., U. S. Navy. Rescue device. 2,051,056; Aug. 18.
- Noland, William H. (See Robinson, R. D., and Noland, assignors.)
- Nold, Hans, and W. Jaec, Basel, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Fast colored lacquer. 2,030,264; Feb. 11.
- Nold, Hubert, Cincinnati, Ohio. Burial device. 2,046,905; July 7.
- Nold, John H., Hinsdale, and G. L. Bostwick, Evanston, assignors to United States Gypsum Company, Chicago, Ill. Building construction. 2,063,457; Dec. 8.
- Nolde and Horst Company, The. (See McAdams, Harry, assignor.)
- Nollau, Edgar H. (See Alt, C. A., Nollau, and Rankin.)
- Nollau, Edgar H. (See McBurney, D., and Nollau.)
- Nollau, Edgar H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigment paste. 2,038,755; Apr. 28.
- Nolte, Bernhard, Westfield, N. J. Power driven turf forking apparatus. 2,063,333; Dec. 8.
- Nolzen, Heinrich, Newark, N. J. Brush and utility paint box. 2,043,301; June 9.
- Nome, Peter A., Brooklyn, assignor to The Permutit Company, New York, N. Y. Pen for recording meters and the like. 2,063,458; Dec. 8.
- Nomura, Kiyoshi. (See Hamada, S., and Nomura.)
- Nonaka, Sueto, Naioiri-Gun, Japan. Parachute. 2,048,963; July 28.
- Nones, Joseph A., New York, N. Y. Refrigerator. 2,044,011; June 16.
- Nonhebel, Gordon, and J. L. Pearson, and W. Learmonth, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Gas scrubber. 2,056,430; Oct. 6.
- Non-Mercuric Carrot Company, The. (See Fabian, C. F., and Sachanen, assignors.)
- Non-Pareil Manufacturing Co. (See Seifarh, Frederick G., assignor.)
- Non-slip Fastener Inc. (See Teller, W. R., Frankenthaler, and Todd, assignors.)
- Nonweiler, A. P., Company. (See Nonweiler, Arno P., assignor.)
- Nonweiler, Arno P., assignor to A. P. Nonweiler Company, Oshkosh, Wis. Fabric testing machine. 2,051,269; Aug. 18.
- Noonan, Joseph E. (See Eustis, W., and Noonan.)
- Norberg, G. E. (See Nelson, Nels H., assignor.)
- Norbom, Ragnar A., Clifton, N. J., assignor to Motor Terminals Company, New York, N. Y. Trolley hoist. 2,063,943; Dec. 15.
- Norburn, Charles S., Asheville, N. C. Organ stop. 2,049,076; July 28.
- Norburn, Charles S., Asheville, N. C. Pipe organ. 2,049,077; July 28.
- Norbury, Allan L., Birmingham, and E. Morgan, Wyde Green, near Birmingham, assignors to The British Cast Iron Research Association, Birmingham, England. Manufacture of cast iron. 2,052,107; Aug. 25.
- Norcross, Austin S., Newton, Mass. Alternating current motor. 2,060,106; Nov. 10.
- Nord, Walter G., Amherst, Ohio, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,061,086; Nov. 17.
- Nordberg Manufacturing Co. (See Jacobson, Henry A., assignor.)
- Nordby, Emil, Hamar, Norway. Rolling machine. 2,028,470; Jan. 21.
- Norddeutsche Seekabelwerke A.-G. (See Horn, Heinz, assignor.)
- Norddeutsche Seekabelwerke A.-G. (See Studt, Ernst, assignor.)
- Norddeutsche Seekabelwerke Aktiengesellschaft. (See Studt, Ernst, assignor.)
- Norddeutsche Seekabelwerke Aktiengesellschaft. (See Traugott, Carl, assignor.)
- Nordell, Carl H., assignor to Lakeside Engineering Corporation, Chicago, Ill. Settling tank. 2,051,149; Aug. 18.
- Norden Laboratories. (See Harris, Lewis E., assignor.)
- Nordensson, Carl O. (See Brown, James W., assignor.)



- Nordhem, Eric N., Chicago, Ill. Vibratory electrical motor. 2,063,116; Dec. 8.
- Nordin, Josef A., assignor to Aktiebolaget Stille-Werner, Stockholm, Sweden. Apparatus for producing artificial breathing or respiration. 2,065,982; Dec. 29.
- Nordlohne, Pierre J. H. A. (See van Minnen, R. H., and Nordlohne.)
- Nordmark, Henry P., assignor to American Seating Company, Grand Rapids, Mich. Chair. 2,046,649; July 7.
- Nordmark, Henry P., assignor to American Seating Company, Grand Rapids, Mich. Seat. 2,053,349; Sept. 8.
- Nordmark, Henry P., Grand Rapids, Mich., and D. R. Baker, assignors to Kay Displays, Inc., New York, N. Y. Motor driven turntable. 2,058,714; Oct. 27.
- Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Vacuum machine. 2,033,951; Mar. 17.
- Nordquist, Ronald E. J., and J. D. Le Frank, Maplewood, N. J., assignors to American Can Company, New York, N. Y. Vacuum closing machine. 2,039,338; May 5.
- Nordstrom, John M., New York, N. Y. Tilting mechanism for venetian blinds. 2,036,823; Apr. 7.
- Nordström, Otto, Sundsvall, Sweden. Spark catcher. 2,061,247; Nov. 17.
- Nordstrom, Sven J., Piedmont, assignor to Merco Nordstrom Valve Company, San Francisco, Calif. Plug valve. 2,029,438; Feb. 4.
- Nordstrom, Sven J., Piedmont, assignor to Merco Nordstrom Valve Company, San Francisco, Calif. Plug valve. 2,043,863; June 9.
- Nordstrom, Sven J., Piedmont, assignor to Merco Nordstrom Valve Company, San Francisco, Calif. Valve. 2,048,884; July 28.
- Nordstrom, Sven J., Piedmont, assignor to Merco Nordstrom Valve Company, San Francisco, Calif. Valve. 2,062,068; Nov. 24.
- Nordstrom, Sven J., Piedmont, assignor to Merco Nordstrom Valve Company, San Francisco, Calif. Plug valve. 2,065,726; Dec. 29.
- Nore, Waldo D., Pitcairn, Pa. Safety tire. 2,040,759; May 12.
- Norelius, Emil F., and W. H. Yount, Springfield, Ill., assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Tractor frame suspension. 2,049,858; Aug. 4.
- Norin, Allan A., assignor to Norin Engineering Company, Chicago, Ill. Safety release for riveting machines. 2,037,477; Apr. 14.
- Norin, Allan A., and A. M. Olson, assignors to Norin Engineering Company, Chicago, Ill. Mechanical riveting machine. 2,037,476; Apr. 14.
- Norin Engineering Company. (See Norin, Allan A., assignor.)
- Norin Engineering Company. (See Norin, A. A., and Olson, assignors.)
- Norley, Harry C., Peterboro, Ontario, Canada, assignor to Canadian Atlas Steels Limited, Welland, Ontario, Canada. Drill. 2,030,530; Feb. 11.
- Norlin, Clarence F., Chicago, Ill. Lead pencil. 2,038,953; Apr. 28.
- Norling, Reinhold A. (See Douglass, C. N., and Norling.)
- Norling, Reinhold A., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Exhaust means for rotors. 2,060,107; Nov. 10.
- Norma-Hoffman Bearing Corporation. (See Bott, George R., assignor.)
- Norman, George, Birmingham, England, assignor to Auto-Ordnance Corporation, New York, N. Y. Automatic firearm. 2,053,489; Sept. 8.
- Norman, George E., Omaha, Nebr. Ice creeper. 2,065,727; Dec. 29.
- Norman, George M., Wilmington, Del., and C. D. Biting, Kenvil, N. J., assignors to Hercules Powder Company, Wilmington, Del. Explosive. 2,062,011; Nov. 24.
- Norman, James E., Donna, Tex. Vehicle. 2,052,645; Sept. 1.
- Norman, Nathaniel C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,063,334; Dec. 8.
- Normand, Luc F., New Bedford, Mass. Extension table. 2,035,565; Mar. 31.
- Normand, Omer, Montreal, Quebec, Canada. Cooking stove. 2,060,339; Nov. 10.
- Normelli, Wulff B., Berlin, Germany. Periodic absorption refrigerating apparatus. 2,050,959; Aug. 11.
- Normelli, Wulff B., Berlin-Charlottenburg, Germany. Intermittently-operating absorption refrigerator. 2,055,669; Sept. 29.
- Norquist, Emanuel E. (See Bradley, R. A., Norquist, E. E. and V. C.)
- Norquist, Victor C. (See Bradley, R. A., and Norquist.)
- Norquist, Victor C. (See Bradley, R. A., Norquist, E. E. and V. C.)
- Norquist, Victor C. (See Cross, W. M., Jr., Buder, and Norquist.)
- Norquist, Victor C., assignor to Butler Manufacturing Company, Kansas City, Mo. Hair drying apparatus. 2,037,998; Apr. 21.
- Norquist, Victor C., and R. A. Bradley, assignors to Butler Manufacturing Company, Kansas City, Mo. Tank vehicle. 2,053,840; Sept. 8.
- Norquist, Victor C., and R. A. Bradley, assignors to Butler Manufacturing Company, Kansas City, Mo. Tank vehicle. 2,056,802; Oct. 6.
- Norris, Charles B., Grand Rapids, Mich., assignor to Has-kelte Manufacturing Corporation. Making plywood trays or the like. 2,028,076; Jan. 14.
- Norris, Charles E., London, Ontario, Canada. Tire vulcanizer. 2,032,222; Feb. 25.
- Norris, Clyde J., West Chicago, and V. Porth, assignors to The Chicago Label & Box Co., Chicago, Ill. Carton. 2,034,594; Mar. 17.
- Norris, Edward O., Port Chester, assignor to The Norris Painting Machinery Corporation, Inc., New York, N. Y. Spraying device. 2,063,048; Dec. 8.
- Norris, Edward O., Port Chester, assignor to The Norris Painting Machinery Corporation, Inc., New York, N. Y. Method and apparatus for spraying. 2,064,125; Dec. 15.
- Norris, Eric D. T., Hollinwood, England, assignor to Ferranti Electric Inc., New York, N. Y. Moving coil voltage regulator. 2,030,606; Feb. 11.
- Norris, George E., Columbus, Ohio. Combined vending and amusement machine. 2,044,320; June 16.
- Norris, Harry S. (See Brockenbrough, W. M., and Norris.)
- Norris, Harry B., assignor to Detroit Lubricator Company, Detroit, Mich. Carburetor. 2,039,549; May 5.
- Norris, Herbert B. (See Hutaff, G. H., Jr., and Norris.)
- Norris, John W., assignor to Lennox Furnace Company, Marshalltown, Iowa. Ventilated furnace casing construction. 2,043,487; June 9.
- Norris, Kenneth T. (See Neyhart, Arthur P.)
- Norris Painting Machinery Corporation, The. (See Norris, Edward O., assignor.)
- Norris, W. C. (See Colgin, Rufus A., assignor.)
- Norristown Foundry Company. (See O'Hara, Charles G., assignor.)
- Norrman, Ernst, Brooklyn, N. Y. Apparatus for timing watches. 2,058,616; Oct. 27.
- Norrman, Ernst, Chicago, Ill. Apparatus for timing watches. 2,064,559; Dec. 15.
- Norsk-Hydro-Elektrisk Kvaestofaktieselskab. (See Foss, Antonius, assignor.)
- Norsk Hydro-Elektrisk Kvaestofaktieselskab. (See Foss, A., Jensen, and Lund, assignors.)
- North Bro's M'f'g Co. (See Fegley, T. J., and Leopold, assignors.)
- North, Charles R., Bruni, Tex. Power brake device. 2,051,150; Aug. 18.
- North Company. (See Flygare, Carl G., assignor.)
- North, Edwin, assignor to National Lock Co., Rockford, Ill. Combined handle and lock. 2,034,199; Mar. 17.
- North, Edwin, assignor to National Lock Co., Rockford, Ill. Combined handle and lock. 2,034,200; Mar. 17.
- North, Edwin, assignor to National Lock Co., Rockford, Ill. Combined handle and lock. 2,034,201; Mar. 17.
- North, Edwin, assignor to National Lock Co., Rockford, Ill. Combined handle and lock. 2,047,795; July 14.
- North, Edwin W., assignor to National Lock Co., Rockford, Ill. Hinge. 2,047,909; July 14.
- North, Edwin, assignor to National Lock Co., Rockford, Ill. Latching device. 2,059,479; Nov. 3.
- North Electric Mfg. Company, The. (See Boswau, Hans P., assignor.)
- North, George H., and R. J. Baker, La Crosse, Kans. Firearm. 2,031,785; Feb. 25.
- North, John D., Eaton, Norwich, assignor to Boulton Paul Aircraft Limited, Norfolk, England. Aeroplane. 2,062,599; Dec. 1.
- North & Judd Manufacturing Company. (See Freysinger, John B., assignor.)
- North, Oliver D., and P. G. Hugh, assignors to Scammell Lorries Limited, London, England. Brake operating mechanism for trailers of motor vehicles. 2,055,109; Sept. 22.
- North, Willard, Los Banos, Calif., assignor to Geophysical Research Corporation, New York, N. Y. Sub-surface surveying. 2,059,018; Oct. 27.
- North, Zachariah H. (See Yenne, Allen W., assignor.)
- Northam Warren Corporation. (See Bishop, Clifford E., assignor.)
- Northam Warren Corporation. (See Reichle, Hans, assignor.)
- North American Cement Corporation. (See Kichline, Howard F., assignor.)
- North American Holding Company, et al. (See Avery, Alfred H., assignor.)
- North American Holding Corporation, et al. (See Eaton, Charles F., assignor.)
- North American Holding Corporation. (See Johnston, James W., assignor.)
- North American Holding Corporation, et al. (See Thoma, Andrew, assignor.)
- North American Rayon Corporation. (See Baumert, K., and Chapman, assignors.)
- North American Rayon Corporation. (See Bitter, Jack L., assignor.)
- North American Rayon Corporation. (See Bley, Rudolph S., assignor.)
- North American Rayon Corporation. (See Bochmann, Otto, assignor.)
- North American Rayon Corporation. (See Chapman, Paul A., assignor.)
- North American Rayon Corporation. (See Ellsner, R., and Gram, assignors.)
- North American Rayon Corporation. (See Etzkorn, Rudolf, assignor.)
- North American Rayon Corporation. (See Glatzel, G., and Beplate, assignors.)



- North American Rayon Corporation. (See Gram, Carl F., assignor.)
- North American Rayon Corporation. (See Hartmann, A., Stoeckly, and Uytendogaart, assignors.)
- North American Rayon Corporation. (See Heim, Gustav, A. M., assignor.)
- North American Rayon Corporation. (See Kalkbrenner, R., and Toehl, assignors.)
- North American Rayon Corporation. (See Lappe, Friedrich, assignor.)
- North American Rayon Corporation. (See Lubberhuizen, J. W., and Toehl.)
- North American Rayon Corporation. (See Oppenlaender, O., Gollong, and Carter, assignors.)
- North American Rayon Corporation. (See Siebourg, Hellmut, assignor.)
- North American Rayon Corporation. (See Taylor, Joseph I., assignor.)
- North American Rayon Corporation. (See Witte, Erhard, assignor.)
- Northcross, Daisy L., Detroit, Mich. Sanitary handkerchief kit and forming same. 2,037,175; Apr. 14.
- Northern Equipment Company. (See Hunter, William L., assignor.)
- Northern Equipment Company. (See Veenschoten, Vincent V., assignor.)
- Northern Laboratories, Inc. (See Chatain, Henri G., assignor.)
- Northern Malleable Iron Company. (See Cummins, Thomas K., assignor.)
- Northern Paper Mills. (See Youtz, Merrill A., assignor.)
- Northern Utilities Trust Limited. (See Hallowell, Edison, assignor.)
- Northey, Arthur J., Parkstone, England, assignor to Northey Rotary Engines Limited, Townsville, Australia. Rotary internal combustion engine. 2,053,817; Oct. 27.
- Northey Rotary Engines Limited. (See Northey, Arthur J., assignor.)
- Northhill Co. Inc. (See Northrop, John K., assignor.)
- Northrop Corporation, The. (See Allen, E. T., Klein, Millikan, and Northrop, assignors.)
- Northrop Corporation, The. (See Northrop, John K., assignor.)
- Northrop, Frank E., Bristol, Conn., assignor to Veeder-Root Incorporated. Counter. 2,040,027; May 5.
- Northrop, John K. (See Allen, E. T., Klein, Millikan, and Northrop.)
- Northrop, John K., Los Angeles, assignor to The Northrop Corporation, Inglewood, Calif. Aircraft speed control. 2,031,177; Feb. 18.
- Northrop, John K., assignor to Northhill Co. Inc., Los Angeles, Calif. Aeronautical toy. 2,051,151; Aug. 18.
- Northrop, Jonas, assignor to Draper Corporation, Hopedale, Mass. Loom. 2,028,559; Jan. 21.
- Northrop, Jonas, assignor to Draper Corporation, Hopedale, Mass. Parter operating means for looms. 2,028,560; Jan. 21.
- Northrop, Jonas, assignor to Draper Corporation, Hopedale, Mass. Shuttle check. 2,042,118; May 26.
- Northrop, Jonas, assignor to Draper Corporation, Hopedale, Mass. Loom shuttle check. 2,042,119; May 26.
- Northrup, Edwin F., Princeton, assignor to Ajax Electrothermic Corporation, Ajax Park, Ewing Township, Mercer County, N. J. Electrical conductor. 2,031,975; Feb. 25.
- Northrup, Edwin F., Princeton, assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Heating method and apparatus. 2,040,760; May 12.
- Northrup, Jeannette. (See McCoy, Harry E., assignor.)
- North Shore Last Co. (See Dumas, Eugene J.)
- North Shore News Co. (See Bauer, Paul S., assignor.)
- Northup, Amos E., Pleasant Ridge, Mich., assignor to The Murray Corporation of America. Vehicle body. 2,032,630; Mar. 3.
- Northwest Chemical Co. (See Lewis, Bernard F., assignor.)
- Northwest Engineering Corporation. (See Burke, P., and Orloff, assignors.)
- Northwest Paper Company, The. (See Aronovsky, Samuel I., assignor.)
- Northwest Paper Company, The. (See Hoffman, Walter F., assignor.)
- Northwest Paper Company, The. (See Leloff, Ernest A., assignor.)
- Northwestern Barb Wire Company. (See Bradley, Albert F., assignor.)
- Norton, Allen B., assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio, as trustee. Piston. 2,046,789; July 7.
- Norton, Allen B., assignor, by mesne assignments, to The Cleveland Trust Company, trustee, Cleveland, Ohio. Piston. 2,062,625; Dec. 1.
- Norton, Allen B., and M. Guyot, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Metal mold. 2,029,499; Feb. 4.
- Norton, Arthur J. (See Dent, H. M., and Norton.)
- Norton, Arthur J., and F. W. Less, assignors to General Plastics, Inc., North Tonawando, N. Y. Synthetic resin for varnishes. 2,040,812; May 12.
- Norton, Bertram, Claverley, near Wolverhampton, and J. N. Collins, Birmingham, England. Dust extraction. 2,051,570; Aug. 18.
- Norton, Charles E., assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Adjustable repair clamp for bell and spigot joints. 2,031,499; Feb. 18.
- Norton, Charles H., Plainville, Conn., and A. G. Belden, assignors to Norton Company, Worcester, Mass. Grinding machine. 2,059,895; Nov. 3.
- Norton, Charles L., Boston, Mass., assignor to The Babcock & Wilcox Company, Newark, N. J. Making foundry sand. 2,041,721; May 26.
- Norton, Charles L., Boston, assignor to Massachusetts Institute of Technology, Cambridge, Mass. Method of and apparatus for producing fibrous or filamentary material. 2,048,651; July 21.
- Norton, Charles L., Jr., Boston, Mass., assignor to The Babcock & Wilcox Company, Newark, N. J. Refractories and making the same. 2,051,964; Aug. 25.
- Norton Company. (See Anderson, N. G., and Lofquist, assignors.)
- Norton Company. (See Behr, Leroy K., assignor.)
- Norton Company. (See Belden, A. G., and Drown, assignors.)
- Norton Company. (See Belden, A. G., and Griffing, assignors.)
- Norton Company. (See Camp, Thomas R., assignor.)
- Norton Company. (See Cole, Raymond A., assignor.)
- Norton Company. (See Flygare, Carl G., assignor.)
- Norton Company. (See Flygare, C. G., and Friberg, assignors.)
- Norton Company. (See Green, Clarence J., assignor.)
- Norton Company. (See Howe, Wallace L., assignor.)
- Norton Company. (See Jeppson, George N., assignor.)
- Norton Company. (See Lane, Merton B., assignor.)
- Norton Company. (See Larsson, Thure, assignor.)
- Norton Company. (See Merritt, Ralph N. S., assignor.)
- Norton Company. (See Norton, C. H., and Belden, assignors.)
- Norton Company. (See Ridgway, R. R., and Bailey, assignors.)
- Norton Company. (See Silven, Herbert A., assignor.)
- Norton Company. (See Van der Pyl, Edward, assignor.)
- Norton Company. (See Webster, Duane E., assignor.)
- Norton, Ellery, Chicago, Ill. Valve. 2,044,856; June 23.
- Norton, Fred E., Kennebunk, Maine. Switch box. 2,039,550; May 5.
- Norton, Frederick H., New York, N. Y. Indoor portable scaffold. 2,062,473; Dec. 1.
- Norton, Harold F., Newport News, Va. Ceiling stowing berth. 2,052,790; Sept. 1.
- Norton, James P., assignor to Riley Stoker Corporation, Worcester, Mass. Automatic stoker. 2,041,204; May 19.
- Norton Laboratories. (See Hiscock, William J., assignor.)
- Norton, Leland D. (See Beard, T. H., Norton, and Renholdt.)
- Norton, Leland D., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Record tablet. 2,043,769; June 9.
- Norton, Leland D., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Dictating machine. 2,057,621; Oct. 13.
- Norton, Leland D., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Reproducer for phonographs. 2,061,475; Nov. 17.
- Norton, Norman N. (See Petzold, H. M., and Norton.)
- Norton, Raymond J., Washington, D. C., assignor to Bendix Brake Company, South Bend, Ind. Brake apparatus. 2,028,621; Jan. 21.
- Norton, Raymond J., Washington, D. C., assignor to Bendix Aviation Corporation, South Bend, Ind. Service apparatus. 2,062,600; Dec. 1.
- Norton, Samuel H., Meadville, Pa., assignor to Hookless Fastener Company. Separable fastener. 2,039,976; May 5.
- Norton, Samuel H., Meadville, Pa., assignor to Hookless Fastener Company. Slide fastener. 2,061,681; Nov. 24.
- Norton, Samuel H., Meadville, Pa., assignor to Hookless Fastener Company. Slide fastener. 2,063,879; Dec. 3.
- Norton, Sir James F., & Company Limited. (See Norton, William J., assignor.)
- Norton, William J., assignor to Sir James Farmer Norton & Company Limited, Salford, England. Tube rolling mill. 2,056,110; Sept. 29.
- Norton, William W., San Francisco, Calif. Automatic lighter for gas furnaces and the like. 2,041,014; May 19.
- Norton, William W., Berkeley, and M. Schwartz, San Francisco, Calif. Gas furnace. 2,043,808; June 9.
- Norviel, Harry E., and L. O. Parker, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Circuit controller. 2,054,681; Sept. 15.
- Norvig, Johan, Hartsdale, assignor to International Cement Corporation, New York, N. Y. Production of cement. 2,041,142; May 19.
- Norwood, Elise R., Fairfax, Calif. Rack. 2,027,928; Jan. 14.
- Norwood, Harry Y., Rush, assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 2,035,663; Mar. 31.
- Norwood, Harry Y., Rush, assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 2,043,590; June 9.
- Norwood, Jens B., Chicago, Ill., assignor to National Steel Container Corporation. Ring for securing heads to containers. 2,040,779; May 12.



- Noschang, Raymond J., Cincinnati, Ohio. Signal button structure. 2,056,072; Sept. 29.
- Noske, Rudolf, San Carlos, Calif. Sighting device. 2,045,670; June 30.
- Noss, Frank R., Cleveland, Ohio. Valve seat. 2,053,006; Sept. 1.
- Noss, Oscar F., West Englewood, N. J., and J. W. Lockett, Oswego, assignors to Fitzgibbons Boiler Company, Inc., New York, N. Y. Boiler. 2,054,682; Sept. 15.
- Nothstine, Paul A., Dayton, Ohio. Automatic flashing lamp. 2,044,256; June 16.
- Nothstine, Paul A., Dayton, Ohio. Flasher bulb. 2,053,574; Sept. 8.
- Nottingham, Edward B., Villa Park, assignor to H. B. Dodge and Company, Chicago, Ill. Venetian blind lifting device. 2,055,826; Sept. 29.
- Notvest, Robert, assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Control for welding apparatus. 2,043,331; June 9.
- Notvest, Robert, assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Control system for frequency converters. 2,063,824; Dec. 8.
- Nourse, Ira C., Tulsa, Okla. Fuel compounds and making the same. 2,055,503; Sept. 29.
- Nova, Herman, assignor to Shambow Shuttle Company, Woonsocket, R. I. Loom shuttle structure. 2,027,752; Jan. 14.
- Novak, Frank L., Maplewood, N. J., assignor to Russell & Stoll Company, New York, N. Y. Fuse carrier. 2,049,309; July 28.
- Novak, Izador J., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Multiple impregnating device for paper manufacture. 2,044,012; June 16.
- Novak, Izador J., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Manufacture of saturated fibrous products. 2,049,469; Aug. 4.
- Novak, Izador J., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Friction material and manufacturing same. 2,051,888; Aug. 25.
- Novak, Joseph F., Cicero, Ill. Window scaffold. 2,043,864; June 9.
- Novak, William J., Drumright, assignor to M. S. Patton, Tulsa, Okla. Gripping device. 2,055,942; Sept. 29.
- Novelty Sales Company. (See Hirst, Edwin P.)
- Novelty Slipper Co. (See Soltan, Alexander, assignor.)
- Novelty Slipper Co. Inc. (See Del Re, Gennaro, assignor.)
- Novick, Abraham. (See Scholl, A. A., and Novick.)
- Novick, Abraham, Flushing, N. Y., assignor to United States Envelope Company, Springfield, Mass. Process and apparatus for manufacturing paper cups. 2,028,163; Jan. 21.
- Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope fastener and making and applying the same. 2,053,490; Sept. 8.
- Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope fastener. 2,053,491; Sept. 8.
- Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co. Inc., New York, N. Y. Manufacture of envelopes, bags, or other containers. 2,060,821; Nov. 17.
- Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co. Inc., New York, N. Y. Web-feeding and web-operating control means. 2,060,822; Nov. 17.
- Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Manufacture of envelopes, bags or other containers. 2,061,004; Nov. 17.
- Novick, Jacob, Newark, N. J. Dental floss holder for toothbrushes. 2,029,031; Jan. 28.
- Novicke, John. (See Steinhardt, Ernest, assignor.)
- Novocol Chemical Mfg. Co. Inc. (See Goldberg, Samuel D., assignor.)
- Novotny, Anton, assignor to Detroit Gray Iron Foundry Company, Detroit, Mich. Valve. 2,032,302; Feb. 25.
- Nowicki, Martin. (See Küppenbender, H., and Nowicki.)
- Nowka, Werner, Pawtucket, R. I., assignor, by mesne assignments, to P. Kollsman, Brooklyn, N. Y. Variable speed transmission. 2,036,881; Apr. 7.
- Nowlin, Edward M., Kansas City, Mo. Wheeled pulverizing and grading machine. 2,044,507; June 16.
- Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Spark plug. 2,029,669; Feb. 4.
- Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Ignition mechanism. 2,046,650; July 7.
- Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Ignition mechanism. 2,046,651; July 7.
- Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Magneto. 2,061,245; Nov. 17.
- Noxon, Paul A., Bergenfield, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Synchronizing system. 2,031,976 Feb. 25.
- Noyes, Atherton, Jr. (See Pierce, G. W., and Noyes, assignors.)
- Noyes, Atherton, Jr., Winchester, assignor to G. W. Pierce, Cambridge, Mass. Transducer. 2,044,807; June 23.
- Noyes, Ira W., assignor to Draper Corporation, Hopedale, Mass. Loom temple. 2,061,846; Nov. 24.
- Noyes, John D., assignor to The Detroit Edison Company, Detroit, Mich. Electric circuit terminal structure. 2,042,620; June 2.
- Noyes, Maxwell E., and R. A. Monroe, Mount Lebanon, assignors to Aluminum Company of America, Pittsburgh, Pa. Vibration damper. 2,058,173; Oct. 20.
- Noyes, William A., Urbana, Ill., and G. F. Hoffman, Milwaukee, Wis., assignors to Pittsburgh Plate Glass Company. Production of resin like materials. 2,028,914; Jan. 28.
- Nozawa, Ichiro, Tsukushima, Kyobashi-ku, Tokyo, Japan. Constructing arcuate structures with no staging. 2,044,321; June 16.
- Nuberg, Matthys. (See Morgan, E. B., and Nuberg.)
- Nu-Deal Handle Co. (See Blevins, Albert C., assignor.)
- Nudelman, Charles S., and H. Kruglick, Chicago, Ill. Hanger for draperies. 2,051,342; Aug. 18.
- Nuesell, Gerard, Brooklyn, N. Y. Internal combustion engine. 2,032,495; Mar. 3.
- Nuesslein, Joseph. (See Keller, K., Hopff, Gofferjé, and Nuesslein.)
- Nuesslein, Joseph. (See Ulrich, H., Koerding, and Nuesslein.)
- Nuesslein, Joseph, and C. Schoeller, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Fulling fabrics. 2,051,389; Aug. 18.
- Nugent, Richard A. (See Luth, A. J., Nugent, and Christian.)
- Nugent, William H. (See Jones, Walter L., assignor.)
- Nukem Products Corporation. (See Neubaus, Richard, assignor.)
- Nulsen, Marvin E. (See Lear, W. P., Nulsen, and Yoder.)
- Nulsen, Marvin E., and I. M. Slater, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Interrupter mounting. 2,049,310; July 28.
- Nulty, Robert L., Detroit, Mich. Silencer. 2,035,500; Mar. 31.
- Nu-Myst Co. (See Fortin, Paul R., assignor.)
- Nu Size Company, The. (See Burgard, Charles R., assignor.)
- Nuss, August J., Hollywood, assignor of one-half to R. C. Palmer, Whittier, Calif. Cigarette vending machine. 2,044,441; June 16.
- Nussbaum, Melvin H., Bainbridge, Ga. Control mechanism for bottle feeding conveyers. 2,052,840; Sept. 1.
- Nüssli, Hans. (See Jacoby, H.-E. & Nüssli.)
- Nutt, Donald B. (See Brown, E. S., and Nutt.)
- Nutt, Frank N., Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Piston molding apparatus. 2,065,287; Dec. 22.
- Nutt, Harold, assignor to Borg-Warner Corporation, Chicago, Ill. Clutch plate. 2,027,650; Jan. 14.
- Nutt, Harold, and H. V. Reed, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,056,203; Oct. 6.
- Nutt, Harold, and H. V. Reed, assignors, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,062,101; Nov. 24.
- Nutt, Harold, and H. V. Reed, assignors, by mesne assignments, to Friction clutch. 2,062,102; Nov. 24.
- Nutt, Irwin, Los Angeles, Calif. Display package. 2,037,143; Apr. 14.
- Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Attaching heels to shoes and apparatus for performing such method. 2,064,939; Dec. 22.
- Nuttall, James H., Glendale, Calif. Method of and apparatus for producing and reproducing sound. 2,044,223; June 16.
- Nutting, Howard S. (See Britton, E. C., and Nutting.)
- Nu-Way Engineering Corporation. (See Holmes, Frederick J., assignor.)
- Nyberg, Morgan A., Milwaukee, Wis. Fastening means for tool handles. 2,052,791; Sept. 1.
- Nyberg, Stone. (See Greer, H. C., Cappel, Shoemaker, Nyberg, Friedman, and Rose.)
- Nyborg, Tage G., assignor of one-half to The Mining Engineering Company Limited, Worcester, England. Belt drive. 2,058,617; Oct. 27.
- Nycum, Homer C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,046,696; July 7.
- Nydegger, Roland R., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand tension control mechanism. 2,034,267; Mar. 17.
- Nydegger, Roland R., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand twisting apparatus. 2,034,268; Mar. 17.
- Nye, Alvin F., and H. B. Lawson, assignors to Fli-Bac Products Corporation, Rochester, N. Y. Window screen. 2,035,828; Mar. 31.
- Nye, Henry V., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Signaling system. 2,038,499; Apr. 21.
- Nye, Irvin W., Bethlehem, and H. E. Miller, assignors to Utilities Service Company, Inc., Allentown, Pa. Combined lamp structure and hanger. 2,029,251; Jan. 28.
- Nyffenegger, Hans and H. Sigrist, assignors to the firm Schweizerische Lokomotiv- & Maschinenfabrik, Winterthur, Switzerland. High-pressure boiler for steam locomotives. 2,062,601; Dec. 1.
- Nygaard, Johan O., Oslo, Norway. Water tube boiler. 2,030,265; Feb. 11.
- Nygaard, Karl F. V. (See Everett, Z. R., and Nygaard.)
- Nygard, Halvard F., Madison, Wis., assignor to Burgess Battery Company, Freeport, Ill. Hand lamp. 2,051,889; Aug. 25.



- Nygren, Carl O., Michigan City, Ind., assignor to Sullivan Machinery Company. Engine starting apparatus. 2,041,722; May 26.
- Nygren, Carl O., Michigan City, Ind., assignor to Sullivan Machinery Company. Engine starting mechanism. 2,041,723; May 26.
- Nyhagen, Barney R., Bronx, N. Y. Safety razor. 2,033,995; Mar. 17.
- Nyman, Alexander, Dobbs Ferry, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Balancing radio system. 2,052,986; Sept. 1.
- Nyman, Alexander, Dobbs Ferry, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Television system. 2,066,048; Dec. 29.
- Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. Electrooptical system. 2,031,728; Feb. 25.
- Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. Modulator for alternating currents. 2,034,826; Mar. 24.
- Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. Pressure contactor. 2,047,427; July 14.
- Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. High frequency signaling system. 2,051,529; Aug. 18.
- Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. Cable maintenance. 2,063,187; Dec. 8.
- Nyquist, Harry, Millburn, S. B. Wright, South Orange, and L. G. Abraham, Madison, N. J., assignors to American Telephone and Telegraph Company. Telephone transmission circuit. 2,045,720; June 30.
- Nyrop, Johan E., Copenhagen, Denmark. Concentrating latex. 2,044,626; June 16.
- Nystrom, Carl F., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vacuum cleaner. 2,057,499; Oct. 13.
- Nyström, Carl W., Karlstad, Sweden. Sound record and sound recording and reproducing means. 2,049,821; Aug. 4.
- Nyström, Carl W., Karlstad, Sweden. Necktie and the manufacture thereof. 2,063,695; Dec. 8.
- Nystrom, Karl F., Milwaukee, Wis. Railway car. 2,058,492; Oct. 27.
- Nystrom, Martin, Chicago, Ill., assignor to United Research Corporation, Long Island City, N. Y. Phonograph. 2,057,107; Oct. 13.
- O. K. Tool Company, Inc., The. (See Reaney, Ernest, assignor.)
- O. K. Tool Company, The. (See Scribner, Harold F., assignor.)
- O. & S. Bearing Company. (See Skillman, Newton, assignor.)
- Oak Manufacturing Company. (See Dressel, Henry M., assignor.)
- Oak Manufacturing Company. (See Dressel, H. M., and Allison, assignors.)
- Oak Manufacturing Company. (See Mastney, Edward J., assignor.)
- Oakes, Grover C., Tarentum, Pa. Ventilating device. 2,034,528; Mar. 17.
- Oakes, Manuel H., Chicago, Ill. Blow-off device for steam boilers. 2,038,756; Apr. 28.
- Oakes Products Corporation. (See Gottlieb, Oscar F., assignor.)
- Oakes Products Corporation. (See Hershey, Orville S., assignor.)
- Oakes Products Corporation. (See Sandberg, R. A., and Gottlieb, assignors.)
- Oakes Products Corporation. (See Sandberg, Ray A., assignor.)
- Oakes Products Corporation. (See Smith, Frederick A., assignor.)
- Oakes Products Corporation. (See Wahlberg, Nels E., assignor.)
- Oakesbott, Stephen H., Didsbury, Manchester, England, assignor to Imperial Chemical Industries Limited. Nicotinium salts and their production. 2,048,885; July 28.
- Oakite Products, Inc. (See Johnson, Carl, assignor.)
- Oakley, George E., Albany, and A. E. Tucker, Schenectady, assignors to Consolidated Car Heating Company, Inc., Albany, N. Y. Sign. 2,049,746; Aug. 4.
- Oakley, Laurence M., Trenton, N. J. Temperature indicator. 2,048,512; July 21.
- Oakley, Richard O., St. Louis, Mo. Screen. 2,033,734; Mar. 10.
- O'Banion, John W., Yuba City, Calif. Combination machine for cutting plaster casts. 2,045,050; June 23.
- Obear-Nester Glass Company. (See Stuckey, Samuel G., assignor.)
- Obenchain, John A., Tampa, Fla. Sash lock. 2,029,583; Feb. 4.
- Ober, Hermon P., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,059,173; Oct. 27.
- Oberg, Algot. (See Baker, Gilbert L., assignor.)
- Obergfell, Herbert F. (See Riebe, T. C., Lomax, and Obergfell.)
- Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone set. 2,027,549; Jan. 14.
- Obergfell, Herbert F., River Forest, Ill., assignor, by mesne assignments, to Associated Electric Laboratories, Inc. Circuit controlling device. 2,057,911; Oct. 20.
- Obergfell, Herbert F., River Forest, and E. S. Peterson, Elmwood Park, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Code call system. 2,043,673; June 9.
- Oberhauser, John. (See Dingwall, G., and Oberhauser.)
- Oberhoffken, Alexander. (See Perry, R. S., Johnson, and Oberhoffken.)
- Oberhoffken, Alexander, assignor to Ingersoll Milling Machine Company, Rockford, Ill. Control mechanism for machine tools and the like. 2,030,890; Feb. 18.
- Oberhoffken, Alexander, assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Electric motor and brake therefor. 2,037,735; Apr. 21.
- Oberhoffken, Alexander, assignor to Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 2,040,872; May 19.
- Oberhoffken, Alexander, assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 2,054,760; Sept. 15.
- Oberhoffken, Alexander, and H. Hanitz, assignors to Ingersoll Milling Machine Company, Rockford, Ill. Control mechanism for machine tools. 2,029,335; Feb. 4.
- Oberlander, Oscar W. (See Will, H. C., and Oberlander.)
- Oberlander, Oscar W., assignor to Will & Baumer Candle Company, Inc., Syracuse, N. Y. Sanctuary lamp. 2,056,617; Oct. 6.
- Obermaier, John A., Chicago, Ill. Thermocouple. 2,059,480; Nov. 3.
- Obermaier, Carl F., York, Pa., assignor to General Electric Company. Electrical insulation material. 2,038,378; Apr. 21.
- Obermaier, Carl F., York, Pa., assignor to General Electric Company. Insulation. 2,039,977; May 5.
- Obermaier, Carl F., York, Pa., and M. H. Owen, Stratford, Conn., assignors to General Electric Company. Electrical cable. 2,038,377; Apr. 21.
- Oberseider, John L., and P. L. Robinson, assignors to The Atlantic Refining Company, Philadelphia, Pa. Treatment of blackstrap sludge. 2,060,108; Nov. 10.
- O'Brien, Eugene, Eau Claire, Wis. Fruit container. 2,065,150; Dec. 22.
- O'Brien, Edward K. (See Shippert, W. A., and O'Brien.)
- O'Brien, Frank J., assignor to Continental Can Company, Inc., New York, N. Y. Container for medicinal tablets. 2,048,617; July 21.
- O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Tablet dispensing box. 2,063,556; Dec. 8.
- O'Brien, James A., Rosemont, Pa., assignor to The De Long Hook and Eye Company. Fastener tape. 2,039,829; May 5.
- O'Brien, James H., Chicago, Ill., assignor to American Blower Corporation, Detroit, Mich. Modifying room atmospheric conditions. 2,028,682; Jan. 21.
- O'Brien, James J., Baltimore, Md., assignor to The Glidden Company, Cleveland, Ohio. Making yellow pigments. 2,061,368; Nov. 17.
- O'Brien, James R. (See Kennison, F., and O'Brien.)
- O'Brien, John J. and M. W., South Bend, Ind. Undercutting attachment for lathes. 2,028,293; Jan. 21.
- O'Brien, Jolly W., Houston, Tex., assignor to National Pigments & Chemical Company, St. Louis, Mo. Boring wells in cavernous strata. 2,041,086; May 19.
- O'Brien, Joseph A., Baltimore, Md. Circuit breaker. 2,034,827; Mar. 24.
- O'Brien, Leet A., Winston-Salem, N. C. Flashing structure. 2,055,260; Sept. 22.
- O'Brien, Miles W. (See O'Brien, John J. and M. W.)
- O'Brien, Morgan C. McM., Chelsea, London, England. Apparatus for coding and decoding. 2,046,276; June 30.
- O'Brien, Thomas B., New York, N. Y. Method and apparatus for the manufacture of mattresses. 2,063,520; Dec. 8.
- O'Brien, Thomas B., New York, N. Y. Mattress making mechanism. 2,063,521; Dec. 8.
- O'Brien, Thomas, assignor to Middleby-Marshall Oven Co., Chicago, Ill. Oven door construction. 2,030,223; Feb. 11.
- O'Brien, William J., Chicago, Ill., assignor to Radio Corporation of America. Superheterodyne receiver. 2,039,923; May 5.
- O'Brien, Willis H., Los Angeles, Calif., assignor to Radio Corporation of America. Composite picture. 2,029,500; Feb. 4.
- O'Brient, Maud S., Durham, N. C. Automobile engine cranking mechanism. 2,041,479; May 19.
- O'Bryan, Francis L., Sr., deceased, Framingham Center, Mass., M. O'Bryan, administratrix. Internal combustion engine. 2,059,804; Nov. 3.
- O'Bryan, Marion, administratrix. (See O'Bryan, Francis L., Sr.)
- Obstfeld, Abe, et al. (See Drypolcher, William, assignor.)
- Obstfeld, Abraham I., et al. (See Drypolcher, William, assignor.)
- Obstfeld, Lou, et al. (See Drypolcher, William, assignor.)
- O'Byrne, Nathan W., Baldwin, Kans. Play pen. 2,041,509; May 19.
- O'Callaghan, James S., Saugus, Mass. Wood heel machine. 2,037,430; Apr. 14.



- O'Callaghan, Michael A., Buenos Aires, Argentina. Preservation of foods and beverages. 2,057,049; Oct. 13.
- Ocasek, Edward, assignor to The Undertakers Supply Co., Chicago, Ill. Undertaker's operating table. 2,041,087; May 19.
- O-Cedar Corp'n. (See Teare, Robert C., assignor.)
- Ocenasek, William F., assignor to Walker-Turner Company, Inc., Plainfield, N. J. Hold-down guard for jointers. 2,054,518; Sept. 15.
- Och, Henry G., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Locking device. 2,028,237; Jan. 21.
- Ochiltree, Ned A., Peoria, Ill., assignor to Concrete Engineering Company, Omaha, Nebr. Fence post. 2,029,439; Feb. 4.
- Ochs, Sidney A. (See Harshberger, N. P., and Ochs.)
- Ochsner, Jakob, Zurich, Switzerland. Refuse-collecting cart. 2,037,999; Apr. 21.
- Ochsner, Jacob, Zurich, Switzerland. Vehicle for collecting and transporting refuse. 2,062,924; Dec. 1.
- Ocker, William C. (See Crane, C. J., and Ocker.)
- Ocon, Ernest A., New York, N. Y. Conversion of heavy hydrocarbon oils into lower boiling point hydrocarbon products. 2,052,148; Aug. 25.
- Ocon, Ernest A., New York, N. Y. Converting high boiling point hydrocarbons into low boiling point products. 2,052,721; Sept. 1.
- O'Connell, Maurice M., assignor of one-half to L. Lone, Buffalo, N. Y. Supporting apparatus for pipes and the like. 2,045,307; June 23.
- O'Connell, Thomas F., Dedham, Mass. Fly paper protective device. 2,037,431; Apr. 14.
- O'Connor, Arthur F., assignor, by mesne assignments, to Union Asbestos & Rubber Company, Chicago, Ill. Brake mechanism. 2,047,168; July 7.
- O'Connor, Dermot L. T., Hot Springs, Ark. Well packer. 2,048,136; July 21.
- O'Connor, George K., Evanston, assignor to Smoot Engineering Corporation, Chicago, Ill. Air-operated regulator. 2,039,924; May 5.
- O'Connor, George W., Sacramento, Calif. Street plate for crawler type tractor shoes. 2,045,792; June 30.
- O'Connor, Raymond L., Oakland, Calif. Piston. 2,028,799; Jan. 28.
- O'Connor, Thomas E., Chicago, Ill., assignor of one-third to B. G. McClanahan, Chicago, Ill., and one-third to C. A. Foust, Highland Park, Ill. Combination waxer and polisher. 2,057,500; Oct. 13.
- O'Connor, William, Baltimore, Md. Window shade rod supporting bracket. 2,056,111; Sept. 29.
- Odaajima, Shuzo, Toba-Machi, Shima-Gun, assignor to Kobe Seiko-sho, Ltd., Kobe, Japan. Spinning centrifugal motor arrangement. 2,043,552; June 9.
- Odam, Charles H., Tucson, Ariz. Wall construction. 2,029,082; Jan. 28.
- O'Dell, Arthur. (See Peaden, W. H., Horster, and O'Dell.)
- Odell, Allan F., Upper Montclair, N. J., assignor to Du Pont Visceloid Company, Wilmington, Del. Fountain pen barrel. 2,044,181; June 16.
- Odell, Isaac N., assignor to Defender Photo Supply Company, Incorporated, Rochester, N. Y. Moisture applying machine. 2,051,222; Aug. 18.
- Odell, William W., New York, N. Y. Treating and odorizing gas. 2,032,431; Mar. 3.
- Odell, William W., New York, N. Y. Apparatus for dispensing liquids. 2,032,432; Mar. 3.
- Odell, William W., Baltimore, Md. Making combustible gas. 2,052,149; Aug. 25.
- Odend'hal, Charles J., Washington, D. C. Pressure gauge. 2,027,875; Jan. 14.
- Odenthal, William. (See Earhuff, J. A., and Odenthal.)
- Oder, Arthur, and A. J. Davis, Bell, Fla. Agricultural implement. 2,050,454; Aug. 11.
- O'Dette, William A., Garden City, Kans. Nursing bottle. 2,043,186; June 2.
- Odland, Benjamin R. (See Sherman, Norman H., assignor.)
- Odmark, August E., Spring Lake, Mich. Cabinet clamp. 2,040,669; May 12.
- O'Donnell, Bertram W. (See Keihl, Ernest F. W., Jr.)
- O'Donnell, Catherine G., Toledo, Ohio. Educational device. 2,053,874; Sept. 8.
- O'Donnell, Edward P., assignor to Gayola Novelty Company, Tulsa, Okla. Toy. 2,052,841; Sept. 1.
- O'Donnell, James B. and P. L.; said P. L. O'Donnell, assignor to said J. B. O'Donnell, Cincinnati, Ohio. Adhesive applicator for French folding mechanisms. 2,037,481; Apr. 14.
- O'Donnell, Lawrence, Houston, Tex. Method and apparatus for mining sulphur. 2,038,757; Apr. 28.
- O'Donnell, Philip L. (See O'Donnell, James B. and P. L.)
- O'Donnell, Stella A., Brooklyn, N. Y. Finishing stencil. 2,031,225; Feb. 18.
- Oeffinger, Edmund F. (See Dietz, J. B., and Oeffinger.)
- Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Draft gear. 2,027,418; Jan. 14.
- Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Antifriction wheel and axle assembly. 2,030,151; Feb. 11.
- Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,051,646; Aug. 18.
- Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,051,647; Aug. 18.
- Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,051,649; Aug. 18.
- Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,051,650; Aug. 18.
- Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Roller bearing assembly. 2,054,860; Sept. 22.
- Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Wheel and axle assembly. 2,054,861; Sept. 22.
- Oelkers, Alfred H., Chicago, and W. C. Hedgcock, Wilmette, assignors to American Steel Foundries, Chicago, Ill. Truck. 2,051,648; Aug. 18.
- Oelkers, Alfred H., and F. E. Bachman, assignors to American Steel Foundries, Chicago, Ill. Wheel and axle assembly. 2,054,228; Sept. 15.
- Oenslager, George, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Mold for plaster casting. 2,048,808; July 28.
- Oertel, Richard J., Streator, Ill. Universal clutch centralizing tool. 2,046,774; July 7.
- Oertel, Wilhelm, Berlin-Steglitz, Germany, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric locomotive with individual axle drive. 2,032,327; Feb. 25.
- Oesterle, Karl. (See Harrison, F. H., Hannett, and Oesterle.)
- Oetling, Carl, Berlin-Steglitz, Germany. Treating plants. 2,065,241; Dec. 22.
- Oexmann, Heinrich, Berlin, Germany. Carrier for magnetic recording. 2,041,480; May 19.
- Ofeldt, Frank W. (See Powell, C. E., Force, and Ofeldt.)
- Ofeldt, Frank W., McKeesport, Pa. Generation of heated fluids. 2,062,925; Dec. 1.
- Offenbacher, Emil, Nuremberg, Germany. Grinding disk with core of wire netting. 2,044,442; June 16.
- Offenhauser, William H., Jr., Conshohocken, Pa. Directional receiving system. 2,061,737; Nov. 24.
- Offer, Samuel, assignor to U. S. Duplicator Company, Chicago, Ill. Duplicating roll spindle. 2,043,302; June 9.
- Offutt, Harold H. (See Billings, E., and Offutt.)
- Offutt, James S. (See Roos, C. K., Offutt, and Scholz.)
- Ofstedal, Philip R., D. G. Kingsley, and W. Congreve, Chicago, Ill. Window frame. 2,050,369; Aug. 11.
- Ogden, Harold S., Erie, Pa., assignor to General Electric Company. Control system. 2,054,683; Sept. 15.
- Ogden, Harold S., Erie, Pa., assignor to General Electric Company. Controller. 2,064,626; Dec. 15.
- Ogden, Harold S., and J. J. Casby, Erie, Pa., assignors to General Electric Company. Control system. 2,045,485; June 23.
- Ogden, J. Edward, Company. (See Hungerford, Daniel C., assignor.)
- Ogden, Jacob W., Springdale, assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Key controlled parcel post machine. 2,052,485; Aug. 25.
- Ogden, John J., Memphis, Tenn. Surgical knife. 2,039,443; May 5.
- Ogden, Joseph. (See Strauss, H. E., and Ogden.)
- Ogden, Joseph R., Jr., Margate City, N. J. Reflector. 2,060,588; Nov. 10.
- Ogden, Laurence A. (See Carr, R. H., and Ogden.)
- Ogden, Roland H., Des Moines, Iowa. Welding white metal. 2,055,360; Sept. 22, 1936.
- Ogden, Ronald, Slough, England. Constructional toy. 2,031,848; Feb. 25.
- Ogee, Maurice M., Montreal, Quebec, Canada, assignor to The Bonna Pipe Company of America, Inc., Brooklyn, N. Y. Pipe construction. 2,045,671; June 30.
- Ogg, Robert A., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistance device. 2,047,796; July 14.
- Ogg, William A., Cincinnati, Ohio. Furnace. 2,046,402; July 7.
- Ogg, William and L. A. Storz, Worcester, Mass. Balancing apparatus for golf clubs and the like. 2,062,673; Dec. 1.
- Ogilvie, James. (See Fleysher, M. H., and Ogilvie.)
- Ogilvie, James, Buffalo, assignor to National Aniline & Chemical Co. Inc., New York, N. Y. Production of halogenated indanthrenes. 2,026,647; Jan. 7.
- Ogilvie, James, and M. H. Fleysher, Buffalo, assignors to National Aniline & Chemical Company, Inc., New York, N. Y. Purifying pyranthrone. 2,055,699; Sept. 29.
- Ogilvie, William, Knowle, assignor to B. S. A. Tools Limited, Birmingham, England. Multispindle automatic lathe or like machine. 2,045,486; June 23.
- Ogilvy-Webb, Arthur W., London, England. Furnace apparatus for the heat treatment of metallic or other bodies. 2,039,203; Apr. 28.
- Oglesby, Nicholas E., Troy, N. Y., S. W. Kessler, Perth Amboy, N. J., and A. H. Gilkeson, Montgomery, Ala. Apparatus for dispensing liquids from airplanes. 2,043,262; June 9.
- Ogloblinsky, Gregory N., Collingswood, N. J., assignor to Radio Corporation of America, New York, N. Y. Television system. 2,040,813; May 12.
- O'Gorden, Garry M., assignor to F. R. Mason, Chicago, Ill., and R. Waddell, St. Louis, Mo. Apparatus for treating the eyes. 2,035,664; Mar. 31.
- O'Gorman, Gaynor, Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Attachment of rubber heels to shoes. 2,038,672; Apr. 28.
- Ogsbury, James S., Dayton, assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Thermostat for scales. 2,039,339; May 5.



- O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for changing speed and direction of rotation by reversing a constant speed motor. 2,036,073; Mar. 31.
- O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric control system. 2,041,368; May 19.
- O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Track circuit. 2,049,859; Aug. 4.
- O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical apparatus. 2,049,928; Aug. 4.
- O'Hair, Robert C., Sr., Chicago, Ill. Book construction. 2,046,403; July 7.
- O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Track shunting apparatus. 2,057,159; Oct. 13.
- O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,061,773; Nov. 24.
- O'Hara, Charles G., assignor to Norristown Foundry Company, Inc., Norristown, Pa. Boiler. 2,037,665; Apr. 14.
- O'Hara, Kenneth J., Pembina, N. Dak. Door opening mechanism. 2,057,912; Oct. 20.
- O'Hara, William M., Rockaway Beach, assignor to American Can Company, New York, N. Y. Clamping device. 2,056,205; Oct. 6.
- O'Hare, E. J., et al. (See Bacon, Willard M., Jr., assignor.)
- Ohio Art Co., The. (See Tolman, Hugh H., assignor.)
- Ohio Boxboard Company, The. (See Foerstner, F. W., and Forrer, assignors.)
- Ohio Brass Company, The. (See Austin, Arthur O., assignor.)
- Ohio Brass Company, The. (See Birch, Leland W., assignor.)
- Ohio Brass Company, The. (See Bovard, Floyd G., assignor.)
- Ohio Brass Company, The. (See Burleson, Wade H., assignor.)
- Ohio Brass Company, The. (See Chandler, Homer P., assignor.)
- Ohio Brass Company, The. (See Dippman, Fred R., assignor.)
- Ohio Brass Company, The. (See Hentzell, H. H., and Morris, assignors.)
- Ohio Brass Company, The. (See Higgins Ralph, assignor.)
- Ohio Brass Company, The. (See Jennens, Walter S., assignor.)
- Ohio Brass Company, The. (See Kenneally, Martin M., assignor.)
- Ohio Brass Company, The. (See Larsson, Ernst A., assignor.)
- Ohio Brass Company, The. (See Lusignan, Joseph T., Jr., assignor.)
- Ohio Brass Company, The. (See Matthes, Samuel S., assignor.)
- Ohio Brass Company, The. (See Pipes, Pliny P., assignor.)
- Ohio Brass Company, The. (See Rorden, Harold L., assignor.)
- Ohio Brass Company, The. (See Taylor, John J., assignor.)
- Ohio Brass Company, The. (See Wolf, Fred L., assignor.)
- Ohio Electric Mfg. Co., The. (See Jessop, Francis W., assignor.)
- Ohio Injector Company of Illinois, The. (See Edwards, Frank W., assignor.)
- Ohio Injector Company of Illinois, The. (See Farnsworth, Fordyce B., assignor.)
- Ohio Match Company, The. (See Parker, Lucian E., assignor.)
- Ohio Oil Company, The. (See Slagter, A. J., and MacKay, assignors.)
- Ohio Rubber Company, The. (See Edwards, George N., assignor.)
- Ohio Rubber Company, The. (See Shutt, John C., assignor.)
- Ohio Seamless Tube Company. (See Benham, Frank L., assignor.)
- Ohio Steel Foundry Company, The. (See Burke, Ralph, assignor.)
- Ohio Steel Foundry Company, The. (See Harbison, Clarence B., assignor.)
- Ohio Truss Company, The. (See Pease, Isaac M., assignor.)
- Ohio Units Incorporated, The. (See Johnston, F. H., and Lambert, assignors.)
- Ohl, Russell S., Little Silver, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency control. 2,041,855; May 26.
- Ohlbaum, Karl, et al. (See De Cesare, Matteo, assignor.)
- Ohlendorf, Heinrich. (See Reddelien, G., and Ohlendorf.)
- Ohler, Albert A., Detroit, Mich. Foot protecting device for skaters. 2,029,787; Feb. 4.
- Ohliger, Ernest J., Jr., Mount Vernon, N. Y. Brake operating mechanism. 2,043,516; June 9.
- Ohlinger, Helmut. (See Hopff, H., and Ohlinger.)
- Ohlis, Julius J. (See Lenke, George H., assignor.)
- Ohlén, Ragnar A., assignor to Kooperativa Förbundet Förening, u. p. a., Stockholm, Sweden. Stamping sales tickets in cash registers. 2,055,418; Sept. 22.
- Ohlsen, Ray, Downers Grove, and A. J. Knutkowski, Chicago, Ill., assignors to Dexter Folder Company, New York, N. Y. Sealing machine. 2,050,455; Aug. 11.
- Ohlsen, Ray, Downers Grove, and A. J. Knutkowski, Chicago, Ill., assignors to Dexter Folder Company, New York, N. Y. Sealing machine. 2,050,456; Aug. 11.
- Ohlsen, Ray, Downers Grove, and A. J. Knutkowski, Chicago, Ill., assignors to Dexter Folder Company, New York, N. Y. Sealing machine. 2,050,457; Aug. 11.
- Ohlson, Bengt E., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Apparatus for balancing rotatable bodies. 2,054,267; Sept. 15.
- Ohlsson, Charles J., Brooklyn, N. Y. Oil burner. 2,030,531; Feb. 11.
- Ohman, Maurel F. (See Heath, S. B., and Ohman.)
- Ohmart, Grayston R., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,046,477; July 7.
- Ohmer, John F., Dayton, assignor, by mesne assignments, to Central United National Bank, Cleveland, Ohio, as trustee. Printing odometer. 2,031,060; Feb. 18.
- Ohmer, John F., Dayton, Ohio, assignor, by mesne assignments, to Central United National Bank, Cleveland, Ohio, as trustee. Register. 2,062,602; Dec. 1.
- Ohmer, Wilfred I., Dayton, Ohio. Razor and razor blade. 2,056,408; Oct. 6.
- Ohrn, Carl B., Worcester, Mass., assignor to Hartford-Empire Company, Hartford, Conn. Glassware spotter. 2,059,177; Oct. 27.
- Oil Burner Builders, Inc. (See Braden, Marshall H., assignor.)
- Oil Engine Development Company. (See Cummins, Clesie L., assignor.)
- Oil City National Bank. (See Yates, Paul, assignor.)
- Oil Country Specialties Mfg. Co., The. (See Stanley, Fred D., assignor.)
- Oil Engine Development Company. (See Cummins, Clesie L., assignor.)
- Oilgear Company, The. (See Douglas, James K., assignor.)
- Oilgear Company, The. (See Douglas, J. K., and Heiden, assignors.)
- Oilgear Company, The. (See Ferris, Walter, assignor.)
- Oilgear Company, The. (See Ferris, W., and Douglas, assignors.)
- Oilgear Company, The. (See Ferris, W., and Wollaeger, assignors.)
- Oil Well Supply Company. (See Maier, August R., assignor.)
- Oilgear Company, The. (See Merrill, Wesley P., assignor.)
- Oilgear Company, The. (See Schindler, Carl, assignor.)
- Oilgear Company, The. (See Wiedman, E., and Douglas, assignors.)
- Oil Well Manufacturing Corporation. (See White, C., and Graham, assignors.)
- Oil Well Supply Company. (See Bayless, Frank B., assignor.)
- Oil Well Supply Company. (See Mackowski, Leon L., assignor.)
- Oil Well Supply Company. (See Maier, August R., assignor.)
- Oishei, John R., assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle power plant. 2,045,094; June 23.
- Oishei, John R., and W. J. Chelley, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaning system. 2,059,481; Nov. 3.
- Okada, Jiro, Suginami-Ku, Tokyo, Japan. Low temperature liquid pump. 2,054,710; Sept. 15.
- Okamoto, Yoshigusu. (See Mayeda, M., and Okamoto.)
- Okamoto, Yoshigusu, and M. Mayeda, Waialua, Oahu, Hawaii. Fish hook and spear combination. 2,051,737; Aug. 18.
- O'Kane, Walter C., Durham, N. H. Emulsion. 2,041,264; May 19.
- O'Kane, Walter C., trustees et al. (See Nikitin, A. A., Myers, and Adams.)
- Okano, Kinji, Yanagawa-Shinden, Wakamatsu-Mura Kaishima-Gun, Ibaraki-Ken, assignor to Kabushiki Kaisha L. Leybold Shokwan, Tokyo, and Heitaro Kobayashi, Choshi-City, Japan. Back rest. 2,059,597; Nov. 3.
- O'Key, Alfred R. (See Barnett, W., and O'Key.)
- Okner, Bernard S., and C. Nelson, Jr., Chicago, Ill., assignors to Ahlberg Bearing Company. Bearing. 2,052,108; Aug. 25.
- Okolicsanyi, Franz v., assignor to Suddutsche Telefon-Apparate-Kabelund Drahtwerke, Aktiengesellschaft Tekade, Nuremberg, Germany. Light valve. 2,055,584; Sept. 29.
- O'Konesky, Albert G., St. Paul, Minn. Antiskid device. 2,052,893; Sept. 1.
- Okonite-Callender Cable Company, The, Inc. (See Bennett, Charles E., assignor.)
- Okonite-Callender Cable Company, The. (See Bennett, Charles E., assignor.)
- Okonite-Callender Cable Company, The. (See McParlin, Daniel V., assignor.)
- Okonite-Callender Cable Company, The. (See Meyer, F. C., and Moffitt, assignors.)
- Okonite Company, The. (See Waldron, Richard C., assignor.)
- Okonite Company, The. (See Wiseman, Robert J., assignor.)
- Okun, Edward, assignor to American Folding Umbrella Corporation, New York, N. Y. Corkscrew. 2,054,761; Sept. 15.



- Okun, Nathaniel N., assignor to Atlas Floor Surfacing Machinery Corp., New York, N. Y. Scraping tool. 2,042,273; May 26.
- Olafrson, Alvin O., assignor to National Traffic Signal Company, St. Paul, Minn. Timer. 2,026,648; Jan. 7.
- Olafrson, Alvin O., assignor to National Traffic Signal Company, St. Paul, Minn. Traffic actuated device. 2,060,890; Nov. 17.
- Olán, Johan W. T., deceased, Marstrand, Sweden; M. E. Olán, widow. Airship. 2,038,671; Apr. 28.
- Olán, Mary E. (widow). (See Olán, Johan W. T.)
- Olander, Kemuel B., Minneapolis, Minn. Folding ironing table. 2,057,108; Oct. 13.
- Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Retaining means for shock absorbing mechanism. 2,038,673; Apr. 28.
- Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 2,049,715; Aug. 4.
- Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,050,541; Aug. 11.
- Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Draft and buffer gear. 2,054,991; Sept. 22.
- Olandt, Emma, administratrix. (See Olandt, Robert H.)
- Olandt, Robert H., deceased, Long Island City, N. Y., E. Olandt, administratrix. Lubricator. 2,034,683; Mar. 17.
- Oldberg, Oscar, Detroit, Mich. Bushing. 2,048,079; July 21.
- Oldberg, Sidney, Detroit, Mich. Silencer. 2,026,795; Jan. 7.
- Oldberg, Sidney, Detroit, Mich. Silencer. 2,035,501; Mar. 31.
- Oldberg, Sidney, Detroit, Mich. Silencer. 2,038,309; Apr. 21.
- Old Colony Envelope Company. (See Chadbourne, Joseph A., assignor.)
- Old Colony Envelope Company. (See Walton, Albert, Jr., assignor.)
- Old Colony Trust Company, executor. (See McLaurin, William W.)
- Oldendorf, William, Rushford, Minn. Tractor guide. 2,059,140; Oct. 27.
- Oldfield, René, Norristown, Pa. Holder for collapsible tubes. 2,065,016; Dec. 22.
- Oldham, John M., assignor to L. A. Young Company, Detroit, Mich. Apparatus for making golf balls. 2,031,786; Feb. 25.
- Oldham, Samuel R., Chicago, Ill., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Metal bearing flux. 2,060,948; Nov. 17.
- Olds, Marshall, Mountainside, N. J. Cargo container. 2,053,969; Sept. 8.
- Olds, Phelps, Little Neck, N. Y. Flashlight apparatus. 2,034,482; Mar. 17.
- Olds, Phelps, New York, N. Y. Flashlight apparatus. 2,061,248; Nov. 17.
- O'Leary, Charles M., et al. (See Patterson, Edgar W., assignor.)
- O'Leary, Charles M., Los Angeles, Calif. Slippage reduction pump. 2,057,584; Oct. 13.
- O'Leary, Eugene A., Holyoke, Mass. Apparatus for dispensing liquids. 2,032,095; Feb. 25.
- O'Leary, John J., Petersburg, Va., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Pipe fitting. 2,031,849; Feb. 25.
- O'Leary, John J., Prince George County, Va., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Process and apparatus for the syntheses of compounds. 2,046,478; July 7.
- O'Leary, Lucy B. (See Morgan, David L., assignor.)
- O'Leary, Thomas A., Pittsburgh, Pa. Eyepiece for gas masks. 2,060,823; Nov. 17.
- O'Leary, Thomas A., Pittsburgh, Pa. Gas mask construction. 2,061,436; Nov. 17.
- O'Leary, William J., Dayton, Ohio. Electric motor. 2,047,487; July 14.
- Olen, Walter A., assignor to The Four Wheel Drive Auto Company, Clintonville, Wis. Tire protecting shield. 2,038,234; Apr. 21.
- Olenick, Steve E., assignor to Boyle Motor Products Company, Chicago, Ill. Valve attachment. 2,051,313; Aug. 18.
- Oleotheris Company, The. (See Stover, O. H., and Brigham, assignors.)
- Olesen, Harold L., Lake Bluff, assignor to Jewell Electrical Instrument Co., Chicago, Ill. Thermionic tube testing device. 2,053,101; Sept. 1.
- Olesen, Nicolai, Salinas, Calif. Positive feed fountain paint brush. 2,040,327; May 12.
- Olian, Irwin A., St. Louis, Mo. Alarm clock mechanism. 2,033,251; Mar. 10.
- Olier, André, Clearmont-Ferrand, assignor to Societe Anonyme des Etablissements A. Olier, Usines Saint Remy, France. Apparatus for counter-current extraction. 2,056,735; Oct. 6.
- Olin, Franklin W., E. H. Meyers and F. R. Seavey, assignors to Western Cartridge Company, East Alton, Ill. Detonator package. 2,062,189; Nov. 24.
- Olin, John F. (See Thomas, C. A., and Olin.)
- Olin, John F., assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Alkylol amines. 2,042,621; June 2.
- Oliver, Albert V. (See Pomeroy, L. H., and Oliver.)
- Oliver, Christopher S. (See Devereux, W. C., and Oliver.)
- Oliver, Daniel B., Harlingen, Tex. Concrete structure. 2,037,482; Apr. 14.
- Oliver, Edd C., Adrian, Mich. Grinding machine. 2,055,361; Sept. 22.
- Oliver, Edd C., Adrian, Mich. Card printing machine. 2,057,843; Oct. 20.
- Oliver Farm Equipment Company. (See Altgelt, Herman E., assignor.)
- Oliver Farm Equipment Company. (See Altgelt, Rudolph J., assignor.)
- Oliver Farm Equipment Company. (See Altgelt, R. J., and Gemberling, assignors.)
- Oliver Farm Equipment Company. (See Altgelt, R. J., and Gemberling, assignors.)
- Oliver, George F., Detroit, and H. G. Scholtz, Wyandotte, Mich., assignors to The Murray Corporation of America. Bending tubing. 2,044,322; June 16.
- Oliver, George R., Tulsa, Okla. Collar form retainer. 2,064,940; Dec. 22.
- Oliver, James H., Aldan, Pa., assignor to General Electric Company. Supervisory control system. 2,059,896; Nov. 3.
- Oliver, Ruth, New York, N. Y. Paper container and making the same. 2,052,109; Aug. 25.
- Oliver United Filters Incorporated. (See Denhard, Harry W., assignor.)
- Oliver United Filters Incorporated. (See Duvall, Allan R., assignor.)
- Oliver United Filters Incorporated. (See Flynn, Edward D., assignor.)
- Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic system for jacks. 2,033,353; Mar. 10.
- Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic system for jacks. 2,035,336; Mar. 24.
- Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Braking apparatus. 2,037,432; Apr. 14.
- Oliver, Wallace F., Detroit, Mich., assignor to Hydraulic Brake Company, Los Angeles, Calif. Fluid braking apparatus and compressor. 2,038,055; Apr. 21.
- Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Ironing machine. 2,044,323; June 16.
- Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic Brake. 2,054,862; Sept. 22.
- Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Compressor for fluid pressure systems. 2,054,863; Sept. 22.
- Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Braking apparatus. 2,063,618; Dec. 8.
- Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic brake. 2,065,017; Dec. 22.
- Oliver, Wallace F., H. C. Bowen, and E. F. Loweke, assignors to Hydraulic Brake Company, Detroit, Mich. Hydraulic brake system. 2,065,018; Dec. 22.
- Oliver, William R. J., Westmount, Quebec, Canada. Ski pole. 2,031,384; Feb. 18.
- Oliveri, James, Island Park, N. Y. Suction holder. 2,045,672; June 30.
- Oliveros, Reginald P., Brooklyn, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Making carbureted water gas. 2,047,518; July 14.
- Olivetti, Camillo, Ivrea, Italy. Sliding surface or guide for rollers or balls in machine parts. 2,050,960; Aug. 11.
- Olivier, Jules A., assignor to Dietrich, Incorporated, Detroit, Mich. Auto top. 2,046,574; July 7.
- Olley, Maurice, assignor to General Motors Corporation, Detroit, Mich. Automobile suspension system. 2,041,947; May 26.
- Olley, Maurice, assignor to General Motors Corporation, Detroit, Mich. Motor vehicle. 2,053,575; Sept. 8.
- Olley, Maurice, assignor to General Motors Corporation, Detroit, Mich. Spring suspension. 2,063,747; Dec. 8.
- Olley, Raymond H. (See Bissell, C. H., and Olley.)
- Olley, Raymond H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Explosionproof switch box. 2,050,854; Aug. 11.
- Ollison, Frederick, Chicago, Ill. Cleaning and drying means. 2,053,677; Sept. 8.
- Olm, Oscar J., Minneapolis, and E. F. Mair, St. Paul, Minn., assignors, by mesne assignments, to Ramco, Inc. Wrapped package. 2,047,980; July 21.
- Olmstead, Emery, et al. (See Safranski, Paul, assignor.)
- Olmsted, Russell C., Cliffside, N. J. Roadway construction. 2,029,892; Feb. 4.
- Olney, Benjamin, Brighton, assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Sound reproducing system. 2,031,500; Feb. 18.
- Olney, Benjamin, Brighton, and G. Veal, assignors to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Sound reproducing system. 2,041,777; May 26.
- Olpin, Henry C. (See Ellis, G. H., and Olpin.)
- Olpin, Henry C. (See Ellis, G. H., Olpin, and Kirk.)
- Olpin, Henry C., Spondon, near Derby, England, assignor to Celanese Corporation of America. Ar-N-(Nitrophenyl)-tetrahydro-naphthylamines and preparing same. 2,026,748; Jan. 7.
- Olpin, Henry C., and G. H. Ellis, Spondon, near Derby, England, assignors to Celanese Corporation of America. Degumming of silk. 2,040,949; May 19.



- Olsen, Alfred G., Elkhorn, Wis. Permanent metallic form for concrete building structures. 2,062,724; Dec. 1.
- Olsen, Anders C., Garden City, N. Y. Building construction. 2,064,683; Dec. 15.
- Olsen, Carl E., and J. A. Peterson, Houston, Tex. Safety link tongs. 2,045,869; June 30.
- Olsen, Edward, assignor to A. H. Cathcart and L. A. Villaume, St. Paul, Minn. Moving and resetting tile walls. 2,063,748; Dec. 8.
- Olsen, Fredrich, Alton, assignor to Western Cartridge Company, East Alton, Ill. Making propellant powder. 2,028,990; Jan. 28.
- Olsen, Fredrich, Alton, Ill., assignor, by mesne assignments, to The Cellulose Research Corporation. Pulping process. 2,061,205; Nov. 17.
- Olsen, Friedrich, and F. R. Seavey, Alton, assignors to Western Cartridge Company, East Alton, Ill. Nitrosoguanidine as a priming ingredient. 2,060,522; Nov. 10.
- Olsen, Fredrich, G. C. Tibbitts, and E. B. W. Kerone, Alton, assignors to Western Cartridge Company, East Alton, Ill. Manufacture of smokeless powders. 2,027,114; Jan. 7.
- Olsen, John C., assignor to Flexible Steel Lacing Company, Chicago, Ill. Tool for preparing belt ends. 2,031,977; Feb. 25.
- Olsen, John C., assignor to Flexible Steel Lacing Company, Chicago, Ill. Belt fastener. 2,034,828; Mar. 24.
- Olsen, Lester S., assignor to The Olsen Publishing Co., Milwaukee, Wis. Bottle collar. 2,048,405; July 21.
- Olsen, Oscar A., Little Rock, Ark. Making sodium aluminate. 2,052,486; Aug. 25.
- Olsen, Oscar A., Huntington, N. Y., assignor to P. Bruning, J. N. Ledbetter, K. Murck, and A. Roren. Beverage dispensing device. 2,047,920; July 14.
- Olsen, Oswald A., Jackson Heights, N. Y. Aligning frame. 2,034,529; Mar. 17.
- Olsen, Otto, Detroit, Mich. Prison gate. 2,051,223; Aug. 18.
- Olsen, Ove M., assignor to G. W. McKee, Rockford, Ill. Meter connecting device. 2,055,700; Sept. 29.
- Olsen Publishing Co., The. (See Olsen, Lester S., assignor.)
- Olsen, Reuben A., Excelsior, Minn. Hair drier. 2,027,061; Jan. 7.
- Olsen, Stig, Stockholm, Sweden, assignor to Hesselman Motor Corporation Ltd., London, England. Supplying fuel to internal combustion engines. 2,048,406; July 21.
- Olsen, Thomas, West Orange, N. J., assignor of one-half to Celluloid Corporation, and one-half to Du Pont Viscoloid Company. Making tubes, fountain pen barrels, and the like. 2,035,914; Mar. 31.
- Olsen, Thomas, West Orange, N. J., assignor of one-half to Celluloid Corporation, and one-half to Du Pont Viscoloid Company. Tube, fountain pen barrel, and the like. 2,035,915; Mar. 31.
- Olsen, Tinius, Testing Machine Company. (See Lewis, Robert B., assignor.)
- Olsen, Tinius, Testing Machine Company. (See Lundgren, Jacob, assignor.)
- Olsen, Tinius, Testing Machine Company. (See Ohlson, Bengt E., assignor.)
- Olsen, Wilfred, Blackfoot, Idaho. Separator for seeds or the like. 2,026,910; Jan. 7.
- Olson, Albert M. (See Norin, A. A., and Olson.)
- Olson, Alex H., Evanston, assignor to J. W. Droll, Chicago, Ill. Method of and apparatus for assembling spring structures. 2,064,560; Dec. 15.
- Olson, Andrew. (See Glaser, R. W., and E. J. and A. Olson.)
- Olson, Carl A., assignor, by mesne assignments, to The Helping Hand Institute, Kansas City, Mo. Floor mat. 2,062,272; Nov. 24.
- Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Gear testing machine. 2,026,649; Jan. 7.
- Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Locking means for threaded elements. 2,037,586; Apr. 14.
- Olson, Carl G., assignor, by mesne assignments, to Illinois Tool Works, Chicago, Ill. Lock washer. 2,041,568; May 19.
- Olson, Carl J., Racine, Wis. Toy trip hammer. 2,046,038; June 30.
- Olson, Charles A., Geneva, and J. P. Magos, assignor to Crane Co., Chicago, Ill. Boiler. 2,038,122; Apr. 21.
- Olson, Charles A., Geneva, and J. P. Magos, assignors to Crane Co., Chicago, Ill. Boiler. 2,038,123; Apr. 21.
- Olson, Edgar J. (See Glaser, R. W., and E. J. and A. Olson.)
- Olson, Emil, New York, N. Y. Gas burner. 2,042,798; June 2.
- Olson, Geo., et al. (See Sellander, Charles J., assignor.)
- Olson, Glen J., Canton, Ill., assignor to International Harvester Company. Sprocket attachment for tractors. 2,034,919; Mar. 24.
- Olson, Gustaf H., and H. N. Ekbohm, assignors to Link-Belt Company, Chicago, Ill. Steering and controlling mechanism for crawler tread vehicles. 2,033,996; Mar. 17.
- Olson, Hans M., Fallbrook, Calif. Hydraulic cement and making same. 2,061,774; Nov. 24.
- Olson, Harry F., and F. Massa, Collingswood, N. J., assignors to Radio Corporation of America. Electroacoustic device. 2,064,316; Dec. 15.
- Olson, John, St. Paul, and R. E. Williamson, Minneapolis, assignors to Shep-Roid, Incorporated, St. Paul, Minn. Side wall for truncated conical container and making the same. 2,065,609; Dec. 29.
- Olson, John A., assignor to R. M. Olson, Cleveland, Ohio. Shaft seal. 2,037,144; Apr. 14.
- Olson, John E., assignor to The Celon Company, Madison, Wis. Hydrated article and making. 2,041,143; May 19.
- Olson, John E., assignor to The Celon Company, Madison, Wis. Closure for containers and making. 2,059,897; Nov. 3.
- Olson, John W., Hastings-upon-Hudson, assignor to Anaconda Wire & Cable Company, New York, N. Y. Insulated conductor and producing same. 2,048,886; July 28.
- Olson, Mark, Detroit, Mich. Hydraulic heat regulator. 2,029,440; Feb. 4.
- Olson, Ole, Langford, S. Dak. Cream separator disk indenting tool. 2,035,187; Mar. 24.
- Olson, Ole J., Redfield, S. Dak. Feeder. 2,059,482; Nov. 3.
- Olson, Olmer, Froid, Mont. Guard for sleds. 2,052,487; Aug. 25.
- Olson, Phillip W., assignor to The Automatic Musical Instrument Company, Grand Rapids, Mich. Sliding panel lock. 2,049,860; Aug. 4.
- Olson, Raymond E., assignor to Taylor Instrument Companies, Rochester, N. Y. Heat exchange system. 2,027,929; Jan. 14.
- Olson, Raymond E., assignor to Taylor Instrument Companies, Rochester, N. Y. Heat regulating system. 2,040,328; May 12.
- Olson, Robert V. (See Mossberg, F., and Olson.)
- Olson, Robert V., Attleboro, Mass., assignor to Mossberg Pressed Steel Corporation. Twister frame stop motion. 2,034,483; Mar. 17.
- Olson, Robert V., Attleboro, Mass., and A. M. Radlauer, Pawtucket, R. I., assignors to Mossberg Pressed Steel Corporation. Tension device. 2,040,705; May 12.
- Olson, Robert V., and B. A. Johnson, Attleboro, Mass., assignor to Mossberg Pressed Steel Corporation. Braider carrier. 2,053,161; Sept. 1.
- Olson, Ruth M. (See Olson, John A., assignor.)
- Olson, Samuel, Oak Park, Ill. Dishwasher. 2,038,803; Apr. 28.
- Olson, Samuel, Glenwood, Minn. Screw. 2,050,961; Aug. 11.
- Olson, William. (See Hanson, Soren S., assignor.)
- Olsson, Bengt, Brooklyn, N. Y. Oil tank cleaning apparatus. 2,065,462; Dec. 22.
- Olsson, Bengt, Brooklyn, assignor to Acme Tank Cleaning Process Corporation, New York, N. Y. Oil pumping apparatus. 2,044,013; June 16.
- Olsson, Karl E. (See Seving, F. W., Bergqvist, and Olsson.)
- Olsson, Karl E., Stockholm, Sweden. Machine for slicing meats. 2,029,032; Jan. 28.
- Olsson, Nils G. (See Rateike, Charles J., assignor.)
- Olsson, Olof A. (See Ljungström, E., and Olsson.)
- Olstad, Martin H. (See Bright, G. B., and Olstad.)
- Oltmanns, Frederick W., Omaha, Nebr. Ornament. 2,043,770; June 9.
- Olver, Florence M., Youngstown, Ohio. Colostomy girdle and support. 2,028,238; Jan. 21.
- Olving, Bror G., Hamden, Conn., assignor to Products Protection Corporation. Electric condenser construction. 2,039,340; May 5.
- O'Malley, Edward, assignor of one-third to J. G. McNeil, and one-third to E. W. O'Malley, Chicago, Ill. Resurfacing valve seats. 2,058,715; Oct. 27.
- O'Malley, Edward W., et al. (See O'Malley, Edward, assignor.)
- O'Malley, Edward W., assignor of one-third to E. O'Malley and one-third to J. G. McNeil, Chicago, Ill. Producing valve seats. 2,034,829; Mar. 24.
- Öman, Erik, Stocksund, near Stockholm, assignor to Industrikemiska Aktiebolaget, Stockholm, Sweden. Evaporating method and means therefor. 2,032,182; Feb. 25.
- Öman, Erik, Stocksund, and S. H. Ledin, Stockholm, assignors to Industrikemiska Aktiebolaget, Stockholm, Sweden. Method and apparatus for concentrating briskly foaming solutions. 2,027,115; Jan. 7.
- Öman, Erik, Stocksund, and H. E. A. Göth, Stockholm, assignors to Industrikemiska Aktiebolaget, Stockholm, Sweden. Concentrating lyes obtained in the cellulose industry. 2,039,444; May 5.
- O'Mara, Richard F. (See Colby, H. S., and O'Mara.)
- O'Marra, Martin, New York, N. Y. Spark plug. 2,060,340; Nov. 10.
- O'Meara, Thomas J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,032,810; Mar. 3.
- O'Meara, Thomas J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Light signal. 2,046,906; July 7.
- Omerly, George G., Jr., Wyncote, Pa. Windshield protector. 2,065,242; Dec. 22.
- Omnichrome Corporation. (See Friedman, Joseph S., assignor.)
- Omnichrome Corporation. (See von Fraunhofer, Hans, assignor.)
- Omnium Financier pour l'Industrie et le Commerce (Société Anonyme). (See Masson, Louis M., assignor.)
- Omohundro, Allen L. (See Fanto, E. C., and Omohundro.)



- Omohundro, H. C., et al. (See Hallwood, Thomas H., assignor.)
- O'Neil, Charles S., and E. M. Wachtel, assignors to Hamilton Manufacturing Company, Two Rivers, Wis. Cooling and dispensing system. 2,058,098; Oct. 20.
- O'Neil, Joseph F. (See Golden, J. P., and O'Neil.)
- O'Neill, Frank, Toledo, Ohio, assignor to Hartford-Empire Company, Hartford, Conn. Glass feeding machine. 2,034,055; Mar. 17.
- O'Neill, Frank E., Los Angeles, Calif. Perforating casings. 2,034,768; Mar. 24.
- O'Neill, George D., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electron discharge device. 2,054,229; Sept. 15.
- O'Neill, George D., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Space discharge device. 2,064,216; Dec. 15.
- O'Neill, James H., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Vacuum container. 2,046,923; July 7.
- O'Neill, Joseph A., New York, N. Y. Talking picture record. 2,041,144; May 19.
- O'Neill, Michael T., Cumberland, R. I. Cushion wheel. 2,046,205; June 30.
- O'Neill, Robert F. (See Rust, N. M., and O'Neill.)
- O'Neill, William F. (See Finefrock, T. P., and O'Neill.)
- O'Neill, William T., Pittsburgh, Pa., assignor to Republic Steel Corporation, Youngstown, Ohio. Rail brace. 2,057,160; Oct. 13.
- One Minute Washer Company. (See Weisbrod, Carl C., assignor.)
- Ongaro, Theodore, Columbus, assignor of two-fifths to C. E. Palmer, Bexley, Ohio. Mechanism for transmitting power. 2,063,117; Dec. 8.
- Onondaga Pottery Company. (See Parmelee, Clifford H., assignor.)
- Onorati, Umberto, Toledo, Ohio. Firearm. 2,041,015; May 19.
- Onsrud, Rudolph F., Chicago, Ill. Wood joint and corner construction. 2,026,650; Jan. 7.
- Ontario Manufacturing Company. (See Moon, Charles R., assignor.)
- Ontario Research Foundation. (See Schierholtz, Otto J., assignor.)
- Oosterhof, Dirk, Haarlem, C. van Vlodrop, Rotterdam, and H. I. Waterman, Delft, Netherlands, assignors to Imperial Chemical Industries Limited. Removing low molecular glycerides from polymerized oils by distillation. 2,065,728; Dec. 29.
- Oosterhuis Ekko. (See Bruijnes, J., Oosterhuis, and Mulder.)
- Oosterhuis, Ekko. (See Holst, G., Oosterhuis, and Mulder.)
- Oosterhuis, Ekko, and G. Zecher, Eindhoven, Netherlands, assignors to General Electric Company. Electric discharge lamp. 2,039,978; May 5.
- Oosterhuis, Ekko, J. G. W. Mulder, and D. M. Duinker, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Discharge tube. 2,048,887; July 28.
- Opitz, Fred M., assignor to Hexcel Radiator Company, Milwaukee, Wis. Air conditioning device. 2,030,316; Feb. 11.
- Opolo, Charles, Culver City, Calif. Flexible axle for vehicles. 2,030,710; Feb. 11.
- Opolo, Charles, Culver City, Calif. Central spring suspension for vehicles. 2,047,286; July 14.
- Opolo, Charles, Culver City, Calif. Resilient axle steering gear. 2,047,287; July 14.
- Opolo, Charles, Culver City, Calif. Divided axle with leaf spring suspension. 2,062,012; Nov. 24.
- Opolo, Charles, Culver City, Calif. Internal combustion engine. 2,062,013; Nov. 24.
- Oppenheim, Earl G., Trenton, assignor to R. C. Roebling, Princeton, N. J. Boat davit. 2,038,233; Apr. 21.
- Oppenheim, Earl G., assignor to John A. Roebling's Sons Company, Trenton, N. J. Cord or cable terminal. 2,050,855; Aug. 11.
- Oppenheim, René, assignor to Societe Anonyme le Carbone, Gennevilliers, France. Cell of the solid electrolyte type. 2,028,518; Jan. 21.
- Oppenheim, René, assignor to Societe Anonyme le Carbone, Gennevilliers, France. Alkali primary cell with depolarization by air. 2,044,123; June 16.
- Oppenheim, Theodore H., assignor to The New Idea Spreader Company, Coldwater, Ohio. Winged swinging baffle for corn huskers and shreaders. 2,065,868; Dec. 29.
- Oppenheimer Casing Co. (See Middaugh, John B., assignor.)
- Oppenlaender, Oscar, Elizabethton, R. J. Gollong and R. H. Carter, Johnson City, Tenn., assignors to North American Rayon Corporation, New York, N. Y. Treating apparatus. 2,030,711; Feb. 11.
- Opperman, Hugh F. (See Benkman, C. W., Rodrigues, and Opperman.)
- Oppermann, Albert. (See Weber, O., and Oppermann.)
- Oppermann, Kurt P., Saginaw, Mich., assignor to National Washboard Company, Chicago, Ill. Washboard. 2,031,178; Feb. 18.
- Oppy, Alwyn G., Bedford, Pa. Pneumatic coal cleaner. 2,062,142; Nov. 24.
- Opryshek, John. (See Goss, H. F., and Opryshek.)
- Optical Products Corporation. (See Grossman, Louis, assignor.)
- Optical Research Corporation. (See Hubbell, Daniel D., assignor.)
- Optical Research Corporation. (See Singer, Nathaniel, assignor.)
- Opticolor, Aktiengesellschaft. (See Frieser, H., and Gretener, assignors.)
- Opticolor Aktiengesellschaft. (See Gretener, Edgar, assignor.)
- Opticolor Aktiengesellschaft. (See Neugebauer, Hans, assignor.)
- Opticolor, Aktiengesellschaft. (See Rantsch, Kurt, assignor.)
- Opticolor Aktiengesellschaft. (See Rantsch, K., and Neugebauer, assignors.)
- Ora, Charles L., Kansas City, Kans. Serving counter. 2,037,815; Apr. 21.
- Orban, John, East Orange, N. J. Convertible gas and hot flue water heater. 2,036,602; Apr. 7.
- Orbeck, Einar M., Norristown, assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Variable gearing for computing mechanism. 2,062,997; Dec. 1.
- Orchard, Herman C., assignor to Orchard Paper Co., St. Louis, Mo. Decorative corrugated paper. 2,042,017; May 26.
- Orchard Paper Co. (See Orchard, Herman C., assignor.)
- Orcutt, Arthur H., Handsworth, assignor to The Gear Grinding Company, Limited, Birmingham, England. Machine for grinding gear wheels. 2,048,462; July 21.
- Orcutt, Arthur H., Handsworth, Birmingham, assignor to The Gear Grinding Company, Limited, Birmingham, England. Machine for grinding gear wheels. 2,066,220; Dec. 29.
- Ord, Malcolm L., New York, N. Y. Phonograph. 2,034,245; Mar. 17.
- O'Reilly, John J., Woodside, Long Island, N. Y. Building construction. 2,057,444; Oct. 13.
- Orelup, John W., Summit, N. J. Acetylating diphenol isatin. 2,041,856; May 26.
- Orem, Frederick S., Baltimore, Md. Air cleaning and sound-silencing apparatus. 2,050,581; Aug. 11.
- Orenda Corporation. (See Leonard, Edward A., assignor.)
- Organ, Roy M. (See Marshall, F., and Organ.)
- Orgeron, Justilllon, Larose, La. Trap. 2,040,873; May 19.
- Orgitano, Nick, Lebanon, Pa. Exercising machine. 2,032,303; Feb. 25.
- Ori, Peter. (See Cavallari, Fred, assignor.)
- Orion Electric Company, The. (See Schneider, William G., assignor.)
- Orlando, Paolo, assignor to Silurificio Whitehead Di Fiume Società Anonima, Fiume, Italy. Course governor for dirigible crafts. 2,050,017; Aug. 4.
- Orlandoni, Cesare, and E. Vergini, Detroit, Mich. Accordion keyboard. 2,058,493; Oct. 27.
- Orloff, Arthur. (See Burke, P., and Orloff.)
- Orman, Gustav A., Brooklyn, N. Y. Flexible blade scraper. 2,061,669; Nov. 24.
- Ormsby, Charles E. (See Nicholls, W. N., and Ormsby.)
- Ormsby, William, Long Sutton, England. Hydraulic apparatus particularly for vehicle braking systems. 2,036,536; Apr. 7.
- Ormul Products, Limited. (See Leben, Jack, assignor.)
- Ornamented Leather, Inc. (See Sart, Gilbert D., assignor.)
- Orner, Leonas O., Maddock, N. Dak. Safety hitch. 2,041,857; May 26.
- Ornstein, Georg, Berlin, Germany. Treating water. 2,062,231; Nov. 24.
- Oronoque Oil Burner Corporation. (See Holmes, Leslie W., assignor.)
- O'Rourke, Thomas S., Chicago, Ill. Metal tile. 2,050,116; Aug. 4.
- Orr, Carroll E., East Orange, N. J., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Laundry drying apparatus. 2,050,625; Aug. 11.
- Orr, Chester A., and E. W. Riemenschneider, assignors to The Union Metal Manufacturing Company, Canton, Ohio. Method and apparatus for driving piles. 2,036,355; Apr. 7.
- Orr, Claude L., Bexley, assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Center bolster for six-wheel trucks. 2,040,706; May 12.
- Orr, Walter L., Los Angeles, Calif. Receptacle handle. 2,048,022; July 21.
- Orsini, Joseph, Clairton, Pa. Boxing glove. 2,056,326; Oct. 6.
- Örström, Gustaf. (See von Segebaden, E., and Örström.)
- Ort, William, assignor of forty-nine per cent to V. L. Bolton, Wichita Falls, Tex. Shipping and dispensing carton. 2,042,799; June 2.
- Orth, Richard T. (See Dreyer, J. F., Jr., and Orth.)
- Orth, Richard T., Orange, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,040,267; May 12.
- Orth, Richard T., South Orange, N. J., assignor to Radio Corporation of America. Cathode ray device. 2,047,030; July 7.
- Orthmann, August C. (See Cramer, R., and Orthmann.)
- Orthner, Ludwig. (See Becker, W., Orthner, and Blömer.)
- Orthner, Ludwig, Leverkusen-I. G. Werk, and A. Doser, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Water-soluble condensation products. 2,040,212; May 12.



- Orthner, Ludwig, Leverkusen-I. G. Werk, and G. Meyer, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Acylated polypeptides. 2,041,265; May 19.
- Orthner, Ludwig, Leverkusen-I. G. Werk, and W. Becker, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. High molecular products containing sulphur in combination. 2,050,370; Aug. 11.
- Orthner, Ludwig, Leverkusen-I. G. Werk, and W. Siefken, Cologne, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Mercerizing cellulose material. 2,050,582; Aug. 11.
- Orthner, Ludwig, Leverkusen-I. G. Werk and H. Freudenberger, Frankfurt-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sulphurized aliphatic halogen compounds and making same. 2,050,583; Aug. 11.
- Orthner, Ludwig, Leverkusen-I. G. Werk, and M. Bögemann, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Cyanuric derivatives of dithiocarbamic acids. 2,061,520; Nov. 17.
- Ortiz, William F., San Francisco, Calif. Mechanical pinning device. 2,044,627; June 16.
- Ortner, Joseph L. (See Smith, Richard D., assignor.)
- Orton, Harvey L., Akron, Ohio. Hair drying apparatus. 2,040,268; May 12.
- Orvis, Orville D., Flushing, assignor of one-half to H. Kutscher, New York, N. Y. Mop. 2,033,952; Mar. 17.
- Osborn, Henry C., Cleveland, Ohio, assignor to Multigraph Company, Wilmington, Del. Planographic printing plate. 2,048,964; July 28.
- Osborn, Henry C., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing machine. 2,051,890; Aug. 25.
- Osborn, Henry C., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Inking system for planographic printing machines. 2,054,830; Sept. 22.
- Osborn, Howard E., Michigan City, Ind. Hand brake operating mechanism for railway cars. 2,062,759; Dec. 1.
- Osborn, Howard H. (See Fischer, H. G., Musket, and Osborn.)
- Osborn Manufacturing Company, The. (See Blake, Elmer A., assignor.)
- Osborn Manufacturing Company, The. (See Bickel, F. J., and Oster, assignors.)
- Osborn Manufacturing Company, The. (See Miller, L. F., and Ellms, assignors.)
- Osborn, Robert R., Kenmore, Pa., assignor to Curtiss Aeroplane Motor Company, Inc. Cooling means. 2,035,019; Mar. 24.
- Osborn, Robert R., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Control mechanism for auxiliary wing flaps. 2,040,496; May 12.
- Osborn, William D., Los Angeles, Calif. Exercising hobby horse. 2,050,500; Aug. 11.
- Osborne, Albert G., Paterson, and B. H. H. Noble, Glen Rock, N. J. Thread cleaning device. 2,055,631; Sept. 29.
- Osborne, Albert G., Paterson, and B. H. H. Noble, Glen Rock, N. J. Thread cleaning device. 2,061,386; Nov. 17.
- Osborne, Charles P., Hillingdon, assignor to Electric and Musical Industries Limited, Hayes, England. Supersonic heterodyne receiver. 2,039,657; May 5.
- Osborne, Fay H., assignor to C. H. Dexter & Sons, Incorporated, Windsor Locks, Conn. Making porous long fibered nonhydrated paper. 2,045,095; June 23.
- Osborne, Fay H., assignor to C. H. Dexter & Sons, Incorporated, Windsor Locks, Conn. Porous long fibered nonhydrated paper. 2,045,096; June 23.
- Osborne, John H., Anderson, Ind. Meat grinder. 2,061,005; Nov. 17.
- Osborne, John L., assignor to General Railway Signal Company, Rochester, N. Y. Apparatus for forming pressed keys. 2,038,124; Apr. 21.
- Osborne, Will, Hazleton, Pa. Producing musical sound effects. 2,059,898; Nov. 3.
- Osburn, James M. (See Burckhalter, R. N., and Osburn.)
- Oschatz, Fritz, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Lacquer. 2,052,000; Aug. 25.
- Ose, Even, Thief River Falls, Minn. Trailer. 2,046,206; June 30.
- Osenberg, Oskar E. W., Dresden, Germany. Clamping arrangement on metallic connecting elements. 2,056,309; Oct. 6.
- Osgood, Arthur B., Minneapolis, Minn. Track shed dust collecting system. 2,052,646; Sept. 1.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,047,981; July 21.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Coal cutting apparatus. 2,049,171; July 28.
- Osgood, Charles F., Claremont, N. H., assignor, by mesne assignments, to Safety Mining Company, Chicago, Ill. Blasting cartridge. 2,058,099; Oct. 20.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,062,659; Dec. 1.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 2,062,662; Dec. 1.
- Osgood, George H., Tacoma, Wash. Barrel head fastener. 2,031,729; Feb. 25.
- Osgood, George H., and R. G. Peterson, Tacoma, Wash. Adhesive and making the same. 2,049,311; July 28.
- Osgood, John L., Buffalo, N. Y. Tool handle. 2,056,054; Sept. 29.
- Osgood, Robert C., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,049,172; July 28.
- Osgood, Robert C., Claremont, N. H., assignor to Sullivan Machinery Company. Motor. 2,057,262; Oct. 13.
- Osgood, Walter P., Malden, assignor to Boston Machine Works Company, Lynn, Mass. Tape-applying machine. 2,026,911; Jan. 7.
- O'Shea, Francis B., assignor of one-half to B. T. Denison, Iilon, N. Y. Direction signal for automobiles. 2,032,850; Mar. 3.
- O'Shea, James, Detroit, F. N. Ross, Grosse Pointe Park, and E. M. Crosby, Royal Oak, Mich., said Ross and said Crosby assignors to said O'Shea. Display device. 2,060,341; Nov. 10.
- Oshiro, Zentel, Pasadena, Calif. Flower holder. 2,057,537; Oct. 13.
- Oshkosh Trunks, Inc. (See Wintz, William, assignor.)
- Oslind, Martin H., Warren, Ohio. Snap clamp for lathe chucks. 2,045,487; June 23.
- Osnos, Mendel. (See Böhm, O., and Osnos.)
- Osnos, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Temperature regulating system. 2,032,433; Mar. 3.
- Osnos, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Fading elimination. 2,034,769; Mar. 24.
- Osnos, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Selective radio receiver. 2,038,872; Apr. 28.
- Osnos, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Variable condenser. 2,042,957; June 2.
- Osnos, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultra short wave conductor. 2,048,752; July 28.
- Osnos, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Temperature regulating system. 2,054,658; Sept. 15.
- Osnos, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electric condenser. 2,054,659; Sept. 15.
- Ossenbeck, Anton. (See Bergdolt, A., Ossenbeck, Tietze, and Gund.)
- Ossenbeck, Anton. (See Hilger, J., Ossenbeck, and Tietze.)
- Osswald, Philipp, Hofheim, and W. Geisler, Frankfurt-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of alkali nitrate. 2,029,738; Feb. 4.
- Ost, William R., Verona, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Pipe joint and fitting and making the joints. 2,050,728; Aug. 11.
- Ost, William R., Verona, and H. G. Hughey, Irvington, N. J., assignors to Air Reduction Company, Incorporated, New York, N. Y. Welding torch apparatus. 2,040,062; May 5.
- Ostdiek, Clarence J. (See Lagaard, Alexander S. T., assignor.)
- Ostdiek, Clarence J., Minneapolis, Minn. Mop. 2,038,379; Apr. 21.
- Ostdiek, Clarence J., Minneapolis, Minn. Mop. 2,043,303; June 9.
- Osten Chemical Corporation. (See Krassny, Jacques, assignor.)
- Osten, Joseph W., Chicago, Ill. Radiator front. 2,053,576; Sept. 8.
- Ostendorf, Peter, Modling, near Vienna, Austria. Welding. 2,064,684; Dec. 15.
- Oster, Harvey J. C., Jr. (See Bickel, F. J., and Oster.)
- Oster Manufacturing Company, The. (See Glick, Clarence E., assignor.)
- Oster Manufacturing Company, The. (See Hyde, R. E., and Maurer, assignors.)
- Ostergaard, Povl, Mount Lebanon, assignor, by mesne assignments, to Gulf Oil Corporation of Pennsylvania, Pittsburgh, Pa. Tube still or heater and the like. 2,035,337; Mar. 24.
- Österlund, Elly, neé Malmqvist, Karlskrona, Sweden. Flower stand. 2,050,893; Aug. 11.
- Ostermann, Rudolf M., Kenilworth, Ill., assignor to The Superheater Company, New York, N. Y. Deconcentrator for locomotive boilers. 2,026,951; Jan. 7.
- Ostermann, Walter, Wuppertal-Barmen, Germany, assignor to American Bemberg Corporation, New York, N. Y. Manufacture of artificial silk. 2,051,891; Aug. 25.
- Ostermann, Walter, W. Kümichel, and W. Höfinghoff, Barmen, Germany, assignors to American Bemberg Corporation, New York, N. Y. Production of cuprammonium silk by the stretch spinning process. 2,046,575; July 7.
- Ostermeier, Johannes, Mering, and Johann Michel, Augsburg, Germany. Electric control apparatus. 2,027,399; Jan. 14.
- Ostermier, Edward, Kittanning, Pa., assignor to Pittsburgh Plate Glass Company. Glass snapping machine. 2,052,243; Aug. 25.
- Osterstrom, Rudolph C., assignor to The Pure Oil Company, Chicago, Ill. Polymerization of hydrocarbon oils. 2,056,978; Oct. 13.



- Osterstrom, Rudolph C., assignor to The Pure Oil Company, Chicago, Ill. Polymerizing unsaturated hydrocarbons. 2,056,979; Oct. 13.
- Osterstrom, Rudolph C., Kenilworth, assignor to The Pure Oil Company, Chicago, Ill. Polymerization of hydrocarbons. 2,063,522; Dec. 8.
- Ostertag, Harry M. (See Kellett, W. R., and Ostertag.)
- Ostgaard, Albert, Cadogan, assignor of one-half to W. Ganser, Provost, Alberta, Canada. Oil or gasoline barrel lock. 2,032,223; Feb. 25.
- Ostline, John E., Berwyn, Ill., assignor to Automatic Electric Company, Limited, Liverpool, England. Automatic telephone system. 2,031,329; Feb. 18.
- Ostling, William, Los Angeles, Calif., assignor to The Pyrate Corporation of Nevada. Tank washing apparatus. 2,029,788; Feb. 4.
- Ostrander, John E., Staatsburg, N. Y. Ice creeper. 2,047,593; July 14.
- Ostrander, Robert F., New Haven, Conn. Ventilating heater for automobiles. 2,049,545; Aug. 4.
- Ostro Research Laboratories, Inc. (See Ostromislensky, I., and Tolstouhiov, assignors.)
- Ostro Research Laboratories, Inc. (See Semenoff, Serge, assignor.)
- Ostrosky, James N., assignor, by mesne assignments, to Rustless Iron and Steel Corporation of America, Baltimore, Md. Production of ferro-alloy. 2,058,494; Oct. 27.
- Ostromislensky, Iwan, assignor to Ostro Research Laboratories, Inc., New York, N. Y. Therapeutics for killing bacteria. 2,040,183; May 12.
- Ostromislensky, Iwan, and A. V. Tolstouhiov, assignors to Ostro Research Laboratories, Inc., New York, N. Y. Preparing purified para amino phenol. 2,035,502; Mar. 31.
- Ostry, Rodolfo, Quilmes, Argentina. Closure for bottles, jars, tin cans, and the like. 2,042,357; May 26.
- Ostwald, Dr. Eugen. (See Schattank, Heinrich, assignor.)
- O'Sullivan, Denis T., West Orange, assignor of one-half to P. S. McLean, Bloomfield, N. J. Operation of internal combustion engines. 2,064,561; Dec. 15.
- Oswald, Carl L., New York, N. Y., and W. D. Foster, Washington Township, Bergen County, N. J., assignors to Kinatome Patents Corporation. Recordation of sound. 2,030,760; Feb. 11.
- Oswald, Carl L., New York, N. Y., and W. D. Foster, Washington Township, Bergen County, N. J., assignors to Kinatome Patents Corporation. Recordation duplication and reproduction of sound and pictorial images. 2,055,261; Sept. 22.
- Oswego Falls Corporation. (See La Bombard, Leon E., assignor.)
- Oswego Falls Corporation. (See La Bombard, L. E., and Brinkmann, assignors.)
- Oswego Falls Corporation. (See Wilcox, Isaac L., assignor.)
- Oswego Falls Corporation. (See Wright, W. L., and Pierce, assignors.)
- Otar, John N., Santa Cruz, Calif. Ornamental article and fabricating the same. 2,041,481; May 19.
- Othmer, Donald F., Brooklyn, N. Y. Concentrating acetic acid. 2,028,801; Jan. 28.
- Othmer, Donald F., Brooklyn, N. Y., assignor to Tennessee Eastman Corporation, Kingsport, Tenn. Dehydration of acetic acid and other lower fatty acids. 2,050,234; Aug. 4.
- Othmer, Donald F., Brooklyn, assignor to Eastman Kodak Company, Rochester, N. Y. Concentrating acetic acid. 2,050,235; Aug. 4.
- Othmer, Donald F., assignor to Eastman Kodak Company, Rochester, N. Y. Concentrating acetic acid. 2,028,800; Jan. 28.
- Oths, Peter J., West Haven, Conn. Corer for grapefruit, etc. 2,028,239; Jan. 21.
- Otis, Albert N., Schenectady, N. Y., assignor to General Electric Company. Bell type annealing furnace. 2,028,106; Jan. 14.
- Otis, Albert N., Schenectady, N. Y., assignor to General Electric Company. Furnace. 2,060,634; Nov. 10.
- Otis, Charles M., Rochester, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio. Drying machine. 2,029,117; Jan. 28.
- Otis, Charles M., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Latch for extractor unloading nets. 2,039,024; Apr. 28.
- Otis, Charles M., Coldwater, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio. Drying machine. 2,050,626; Aug. 11.
- Otis Elevator Company. (See Dunn, Edward L., assignor.)
- Otis Elevator Company. (See Grosvenor, Graham B., assignor.)
- Otis Elevator Company. (See Handy, A. E., and Margles, assignor.)
- Otis Elevator Company. (See Hyman, Frederick, assignor.)
- Otis Elevator Company. (See Krantz, Herman F., assignor.)
- Otis Elevator Company. (See Larson, David C., assignor.)
- Otis Elevator Company. (See Levy, Charles H., Jr., assignor.)
- Otis Elevator Company. (See Lindquist, David L., assignor.)
- Otis Elevator Company. (See Pinto, A., and Waite, assignors.)
- Otis Elevator Company. (See Sanford, Selden B., assignor.)
- Otis Elevator Company. (See Sanford, S. B., and Larson, assignors.)
- Otis Elevator Company. (See Waite, Raymond A., assignor.)
- Otis, Herbert C., Dallas, Tex. Kelly stuffing box. 2,036,537; Apr. 7.
- Otis, Herbert C., Dallas, Tex. Well drilling apparatus. 2,052,939; Sept. 1.
- Otis, Russell M. (See Fowler, A. A., and Otis.)
- Otis, Russell M., assignor to Burt-Warner Power Corporation, Pasadena, Calif. Fluid transmission. 2,049,078; July 28.
- Otis Steel Company, The. (See Montgomery, J. E., and Jones, assignors.)
- O'Toole, Edward, Gary, W. Va. Treating coal, ore, grain, and similar materials. 2,044,628; June 16.
- O'Toole, William G. (See Hubbuch, T. N., and O'Toole.)
- Ott, Charles J., Bellingham, Wash. Vegetable peeler and slicer. 2,028,915; Jan. 28.
- Ott, Clarence J. (See Groll, H. P. A., and Ott.)
- Ott, Conrad L. (See Gurney, D., Balsiger, and Ott.)
- Ott, Emil. (See Borglin, J. N., and Ott.)
- Ott, Emil, Elsmere, assignor to Hercules Powder Company, Wilmington, Del. Production of sulphur-containing terpene compounds. 2,034,665; Mar. 17.
- Ott, Emil, Elsmere, assignor to Hercules Powder Company, Wilmington, Del. Chlorinated rubber composition. 2,046,277; June 30.
- Ott, Emil, Elsmere, assignor to Hercules Powder Company, Wilmington, Del. Production of sulphur-containing abietyl compounds. 2,055,727; Sept. 29.
- Ott, Frank H., Saginaw, Mich. Automotive vehicle driving mechanism. 2,044,182; June 16.
- Ott, Frank H., Saginaw, Mich. Cooling device. 2,048,888; July 28.
- Ott, John E., assignor to Acme Steel Company, Chicago, Ill. Apparatus for baling paper pulp. 2,037,039; Apr. 14.
- Ott, John E., assignor to Acme Steel Company, Chicago, Ill. Ready bound crate. 2,042,323; May 26.
- Ott, Karl, H. Bernard, and F. Frick, Urdingen, Germany, assignors, by mesne assignments, to E. I. Du Pont de Nemours & Company, Wilmington, Del. Resinous bodies and varnishes obtained therewith. 2,044,747; June 16.
- Ott, Oran W., Los Angeles, Calif., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Preventing siphonic action. 2,044,443; June 16.
- Ott, Reuben, Buffalo, assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Silencer. 2,030,391; Feb. 11.
- Ott, Robert J., assignor to The United Gas Improvement Company, Philadelphia, Pa. Stiffener plate for gas meter screws. 2,053,734; Sept. 8.
- Ott, Robert W., Rockford, Ill., assignor to R. W. Ott and C. H. C. Van Pelt, trustees, Cincinnati, Ohio. Rotary pump. 2,061,950; Nov. 24.
- Ott, Thomas F., Berkeley, and P. S. Clark and C. H. VanMarter, Richmond, assignors to Union Oil Company of California, Los Angeles, Calif. Barium grease. 2,033,148; Mar. 10.
- Ottawa River Paper Company, The. (See Folsom, E. C., and Smyser, assignors.)
- Ottawa River Paper Company, The. (See Lynch, Harold E., assignor.)
- Otte, Claus, Anaheim, Calif. Tackle swivel. 2,032,764; Mar. 3.
- Otte, Otho M., Tarentum, Pa., assignor, by mesne assignments, to General Electric Company. Sliding shelf structure. 2,033,859; Mar. 10.
- Otte, Otho M., Tarentum, Pa., assignor, by mesne assignments, to General Electric Company. Extension shelf for refrigerators. 2,033,860; Mar. 10.
- Otte, Otho M., Tarentum, Pa., assignor, by mesne assignments, to General Electric Company. Refrigerator shelving. 2,033,861; Mar. 10.
- Ottenstein, Simon, Nuremberg, Germany, assignor to General Electric Company. Electrical heating apparatus. 2,035,757; Mar. 31.
- Otting, Herbert E., Westerville, Ohio, assignor to M & R Dietetic Laboratories, Inc. Treatment of milk products. 2,045,097; June 23.
- Ottinger, Dorothy M. (See Ottinger, Nathan, assignor.)
- Ottinger, Leon, New York, N. Y. Book. 2,034,413; Mar. 17.
- Ottinger, Nathan, assignor to D. M. Ottinger, New York, N. Y. Refillable binder. 2,051,738; Aug. 18.
- Ottinger, Nathan, assignor to D. M. Ottinger, New York, N. Y. Container. 2,058,818; Oct. 27.
- Ottke, Robert L., Fox Chapel Manor, Pa., assignor to Standard Sanitary Manufacturing Company. Sink structure. 2,028,802; Jan. 28.
- Ottke, Robert L., Fox Chapel Manor, Pa., assignor to Standard Sanitary Manufacturing Company. Balanced sink structure. 2,028,803; Jan. 28.
- Otto, Arthur J., assignor to Johnson Service Company, Milwaukee, Wis. Air conditioning. 2,053,042; Sept. 1.
- Otto, Carl, Essen, Germany. Regenerator with checkerwork for vertical flow of the gaseous media. 2,049,272; July 28.
- Otto, Carl, Essen-Ruhr, Germany. Coking coal. 2,065,288; Dec. 22.



- Otto, Carl, Essen, and W. Stäckel, Bochum, Germany. Producing gas and coke in chamber ovens. 2,037,587; Apr. 14.
- Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Temperature regulator. 2,045,332; June 23.
- Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Temperature control. 2,053,492; Sept. 8.
- Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Temperature regulation. 2,057,050; Oct. 13.
- Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Refrigeration. 2,060,589; Nov. 10.
- Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Automatic control device. 2,064,175; Dec. 15.
- Otto, Isa E., Fairport Harbor, Ohio. Seat. 2,042,238; May 26.
- Otto, Michael. (See Mueller-Cunradi, M., and Otto.)
- Ottolini, Joseph, assignor to Hiram A. Farrand, Inc., Berlin, N. H. Coilable measuring device. 2,063,459; Dec. 8.
- Ottwell, Ralph B., Detroit, Mich. Automobile heater. 2,063,825; Dec. 8.
- Oubridge, William A., Coventry, England. Ring holding apparatus. 2,027,116; Jan. 7.
- Oubridge, William A., Coventry, England. Lapping and honing machine. 2,045,488; June 23.
- Ouellet, Léo C., assignor of twenty-five per cent to Dr. E. A. Martin, Edmundston, New Brunswick, Canada. Electrical connector. 2,054,465; Sept. 15.
- Oura, Hector L., Hillingdon, assignor to Electric and Musical Industries Limited, Middlesex, England. Frequency discriminating electric network. 2,059,389; Nov. 3.
- Ousley, Samuel J. (See Rutherford, M. E., Ousley, and Rankin.)
- Outboard Motors Corporation. (See Evinrude, Ole, assignor.)
- Outboard Motors Corporation. (See Irgens, Finn T., assignor.)
- Outcault, Richard F., Flossmoor, Ill. Advertising device. 2,040,950; May 19.
- Outterson, Charles R., Watertown, N. Y., assignor to Bennett, Incorporated, East Cambridge, Mass. Manufacture of sized papers. 2,055,799; Sept. 29.
- Ovaift, Nelson C., Philadelphia, Pa. Pay roll check machine. 2,039,925; May 5.
- Overbaugh, Walter V. (See Gross, H. H., and Overbaugh.)
- Overbaugh, Walter V., Fishkill, assignor to The Texas Company, New York, N. Y. Treating sour hydrocarbon oil. 2,056,618; Oct. 6.
- Overbeck, Wilcox P., Cambridge, assignor to Raytheon Manufacturing Company, Newton, Mass. Voltage regulator. 2,062,037; Nov. 24.
- Overbury, Frederick C., Hillsdale, N. J. Covering for buildings. 2,038,192; Apr. 21.
- Overdick, Fritz, Leverkusen-Wiesdorf, and H. Gorke, Leverkusen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Purifying alkali metal hydroxide solutions. 2,044,888; June 23.
- Overhead Door Corporation. (See Morris, Howard I., assignor.)
- Overholser, Claude, Jefferson, Oreg. Vehicle wheel. 2,053,735; Sept. 8.
- Overholt, Ralph, Jr. (See Selquist, R., Overholt, and Gordon.)
- Overland Candy Corporation. (See Leaf, S. S., and Panza, assignors.)
- Overland, Leo, and B. Brenner, Brooklyn, N. Y. Apparatus for making confections. 2,032,434; Mar. 3.
- Overly Manufacturing Company. (See Goodwin, John H., assignor.)
- Overmeier, Emmons. (See Bates, S. E., and Overmeier.)
- Overmire, Edwin G. (See Wilson, J. S., Millspaugh, and Overmire.)
- Overmyer Mould Company. (See Tremblay, Albert F., assignor.)
- Overstedt, Ernest A., Detroit, Mich., assignor, by mesne assignments, to Michigan Tool Company. Gear lapping machine. 2,032,589; Mar. 3.
- Overstrom, Gustav A., Big Sur, Calif. Flexible spring support. 2,062,760; Dec. 1.
- Ovestrud, Melvin, Minneapolis, and J. A. Hanratty, St. Paul, assignors to Pioneer Gravel Equipment Manufacturing Company, Minneapolis, Minn. Apparatus for preparing aggregates. 2,050,458; Aug. 11.
- Overton, Alan M., Wyoming, and H. C. Fisher, Cincinnati, assignors to The Richardson Company, Lockland, Ohio. Coating and ornamenting paper and the like. 2,065,925; Dec. 29.
- Owatonna Tool Company. (See Kaplan, Reuben A., assignor.)
- Owen, Alvin W., U. S. Army, Schofield Barracks, Territory of Hawaii. Hanger. 2,049,716; Aug. 4.
- Owen Bucket Company, The. (See Botten, Henry W., assignor.)
- Owen, John E., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Azimuth determination method. 2,036,824; Apr. 7.
- Owen, Murray H. (See Obermaier, C. F., and Owen.)
- Owen, Ralph J. (See Rathbun, F. J. and Owen.)
- Owen, Richard L., Santa Monica, Calif. Air conditioning system for vehicles. 2,056,980; Oct. 13.
- Owen Silent Spring Company. (See Sternberg, Huot W., assignor.)
- Owen, Walter E., Chillicothe, Ohio. Handle securing means for tools and implements. 2,051,152; Aug. 18.
- Owen, Ward B., Brookneal, Va. Tobacco planter. 2,034,530; Mar. 17.
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for laminating glass. 2,028,916; Jan. 28.
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Turnover table for glass sheets. 2,028,917; Jan. 28.
- Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass cutting apparatus. 2,036,294; Apr. 7.
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Miter box. 2,046,404; July 7.
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Machine for edging glass sheets. 2,046,405; July 7.
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for laminating glass. 2,054,864; Sept. 22.
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Machine for edging glass sheets. 2,057,844; Oct. 20.
- Owens, Adolphus W. (See Chamberlin, J. A., and Owens.)
- Owens, Carl P., Glenside, Pa., assignor to Heinemann Electric Company, Trenton, N. J. Meter test block. 2,035,503; Mar. 31.
- Owens, Charles, Chattanooga, Tenn. Orthopedic tendon replacer. 2,036,770; Apr. 7.
- Owens, Charles, Chattanooga, Tenn. Orthopedic instrument for the detection of foot disorders. 2,043,187; June 2.
- Owens, Duane. (See Hinkle, J. M., and Owens.)
- Owens, Freeman H., New York, N. Y. Photographic sound recording apparatus. 2,028,006; Jan. 14.
- Owens, Freeman H., New York, N. Y. Endless film magazine. 2,039,108; Apr. 28.
- Owens, Freeman H., New York, N. Y. Holder for edibles. 2,039,830; May 5.
- Owens, Freeman H., New York, N. Y. Motion picture apparatus. 2,052,792; Sept. 1.
- Owens, Freeman H., New York, N. Y. Change over system for photographic sound and picture apparatus. 2,054,268; Sept. 15.
- Owens, Freeman H., New York, N. Y. Drawing and photographing stereoscopic pictures in relief. 2,057,051; Oct. 13.
- Owens, George J., Philip, S. D. Bearing housing for mowers and the like. 2,065,869; Dec. 29.
- Owens, Henry, Edgewood, assignor to Henry Owens & Company, Inc., Providence, R. I. Selective trapping or cutting device for use in twisting, winding, spinning, or like machines. 2,064,491; Dec. 15.
- Owens, Henry, Edgewood, assignor to Henry Owens & Company, Inc., Providence, R. I. Strand tensioning, slack compensating, selective trapping, and cutting device. 2,064,685; Dec. 15.
- Owens, Henry & Company. (See Owens, Henry, assignor.)
- Owens, Henry & Company. (See Smyth, Harold E., assignor.)
- Owens-Illinois Glass Company. (See Allen, Russell G., assignor.)
- Owens-Illinois Glass Company. (See Badger, C., and Cook, assignors.)
- Owens-Illinois Glass Company. (See Baker, Forest E., assignor.)
- Owens-Illinois Glass Company. (See Barnard, Randolph H., assignor.)
- Owens-Illinois Glass Company. (See Barnby, Herbert A., assignor.)
- Owens-Illinois Glass Company. (See Batchell, George W., assignor.)
- Owens-Illinois Glass Company. (See Bowes, Urban E., assignor.)
- Owens-Illinois Glass Company. (See Carvalho, Leslie R. N., assignor.)
- Owens-Illinois Glass Company. (See Cook, C. C., and Badger, assignors.)
- Owens-Illinois Glass Company. (See Hoge, John R., assignor.)
- Owens-Illinois Glass Company. (See Hudson, Walter R., assignor.)
- Owens-Illinois Glass Company. (See Kinker, Clarence C., assignor.)
- Owens-Illinois Glass Company. (See Lauck, Albert G., assignor.)
- Owens-Illinois Glass Company. (See Lauck, A. G., and Grube, assignors.)
- Owens-Illinois Glass Company. (See Lufkin, Garland, assignor.)
- Owens-Illinois Glass Company. (See McBurney, James E., assignor.)
- Owens-Illinois Glass Company. (See Myers, F. L., and Smith, assignors.)
- Owens-Illinois Glass Company. (See Playford, H. E., Hoge, and Cone, assignors.)
- Owens, Illinois Glass Company. (See Rule, John F., assignor.)
- Owens-Illinois Glass Company. (See Simonton, Warren R., assignor.)
- Owens-Illinois Glass Company. (See Slayter, G., Irvine, and Thomas, assignors.)



- Owens-Illinois Glass Company. (See Soubier, Leonard D., assignor.)
- Owens-Illinois Glass Company. (See Soubier, L. D., and Hoge, assignors.)
- Owens-Illinois Glass Company. (See Wheaton, Jack M., assignor.)
- Owens, Maurice E. B., Cumberland, Md. Container. 2,047,701; July 14.
- Owens, Robert J. (See Fraser, H. J., and Owens.)
- Owens, William N., Bedford, Ind. Brooder. 2,056,865; Oct. 6.
- Owings, Lawrence P., assignor of one-half to G. S. Stubbs, Syracuse, Kans. Automatic throttle controlling means for tractors and stationary motors. 2,035,829; Mar. 31.
- Oxford Filing Supply Co. (See Jonas, Frank D., assignor.)
- Oxford Filing Supply Co. (See Wood, S. A., and Jonas, assignors.)
- Oxford Paper Company. (See Heritage, Clark C., assignor.)
- Oxford Varnish Corporation. (See Casto, Lloyd V., assignor.)
- Oxford Varnish Corporation. (See Eichstädt, Karl, assignor.)
- Oxford Varnish Corporation. (See Stirling, Charles P., assignor.)
- Oxford Varnish Corporation. (See von Webern, Guido, assignor.)
- Oxhandler, Leopold, Chicago, Ill. Construction material and structure made therefrom. 2,043,445; June 9.
- Oxley, Elmer E., Fort Shaw, Mont. Warming oven. 2,057,734; Oct. 20.
- Oxley, Horace F. (See Dreyfus, H., Oxley, and Fallows.)
- Oxley, Horace F., and L. Fallows, Spondon, near Derby, England, assignors to Celanese Corporation of America. Making aliphatic acid anhydrides. 2,054,865; Sept. 22.
- Oxley, Horace F., and W. H. Groombridge, Spondon, near Derby, England, assignors to Celanese Corporation of America. Performing chemical reactions. 2,064,317; Dec. 15.
- Oxley, Walter T., Fergus Falls, Minn. Whistling signal for fluid delivery hose. 2,063,696; Dec. 8.
- P. D. Deviator Limited. (See Brown, John P., assignor.)
- P & M Company, The. (See Preston, Frederick A., assignor.)
- P and M Company, The. (See Warr, Harold G., assignor.)
- Paasche, Jens A., Wilmette, Ill. Air painting device. 2,041,482; May 19.
- Paasche, Jens A., Wilmette, Ill. Air painting device. 2,059,706; Nov. 3.
- Pace, Benedicto, Cruzeiro, Brazil. Aluminum solder. 2,035,566; Mar. 31.
- Pace, Edwin W., assignor to Pace Manufacturing Company, Chicago, Ill. Concealed coin drawer. 2,030,712; Feb. 11.
- Pace, Edwin W., assignor to Pace Manufacturing Company, Chicago, Ill. Frictional drive mechanism. 2,050,542; Aug. 11.
- Pace, John W., assignor to Alabama Pipe Company, Anniston, Ala. Combined reaming and tapping tool. 2,060,949; Nov. 17.
- Pace Manufacturing Company. (See Pace, Edwin W., assignor.)
- Pace, William A., Bedford, Ind. Motor generator. 2,038,954; Apr. 28.
- Pacewick, Albert J., Chicago, Ill. Lock. 2,034,246; Mar. 17.
- Pachner, Leo, and F. Koller, Chicago, Ill. Fishhook. 2,051,651; Aug. 18.
- Pacific Can Co. (See De Voney, John, assignor.)
- Pacific Car and Foundry Company. (See Finlayson, Alexander, assignor.)
- Pacific Car and Foundry Company. (See Langdon, Robert S., assignor.)
- Pacific Electric Manufacturing Corporation. (See Thompson, J. S., and Menzies, assignors.)
- Pacific Flush Tank Company. (See Beddoes, Hubert, assignor.)
- Pacific Flush-Tank Company. (See Downes, John R., assignor.)
- Pacific Gear and Tool Works. (See Bannan, Philip L., assignor.)
- Pacific Lumber Company, The. (See Carson, Francis L., assignor.)
- Pacific Lumber Company, The. (See Fitch, Otis J., assignor.)
- Pacific Machinery Company. (See Bush, P. L., and Ruediger, assignors.)
- Pacific Machinery Company. (See Nelson, Adolf H., assignor.)
- Pacific Machinery Company. (See Thompson, Albert R., assignor.)
- Pacific Marine Supply Company. (See Himberger, Earl W., assignor.)
- Pacific Mills. (See Learnard, H. D., and Mathewson, assignors.)
- Pacific Mills. (See Prudden, Theodore M., assignor.)
- Pacific Pump Works, Ltd. (See Hudson, Frank M., assignor.)
- Pacific Coast Borax Co. (See Corkill, Frederick W., assignor.)
- Pacific Coast Borax Co. (See Cramer, T. M., and Connell, assignors.)
- Pacific Shore Investment Corporation. (See Siracusa, Sisti, assignor.)
- Pacini, August J. (See Near, H. B., Pacini, Crosley Gerth, Breidigam, and Kelly.)
- Pack, Charles, Forest Hills, N. Y., assignor, by mesne assignments, to Tennessee Eastman Corporation, Kingsport, Tenn. Molding apparatus. 2,033,735; Mar. 10.
- Pack, Mendel N., Dayton, Ohio. Acoustic tensiometer. 2,040,874; May 19.
- Package Machinery Company. (See Clark, Francis R., assignor.)
- Package Machinery Company. (See Fuller, Frederic B., assignor.)
- Package Machinery Company. (See Smith, E. L., and Clark, assignors.)
- Package Machinery Company. (See Smith, E. L., and Cornock, assignors.)
- Packard Motor Car Company. (See Beltz, Lester L., assignor.)
- Packard Motor Car Company. (See Best, Frank C., assignor.)
- Packard Motor Car Company. (See Birge, Raymond B., assignor.)
- Packard Motor Car Company. (See Brown, Robert N., assignor.)
- Packard Motor Car Company. (See Christman, John M., assignor.)
- Packard Motor Car Company. (See Edwards, Herbert C., assignor.)
- Packard Motor Car Company. (See Ferguson, James R., assignor.)
- Packard Motor Car Company. (See Griswald, Walter R., assignor.)
- Packard Motor Car Company. (See Gubitz, Werner H. A., assignor.)
- Packard Motor Car Company. (See Hierta, Hans, assignor.)
- Packard Motor Car Company, The. (See Knapp, Archer L., assignor.)
- Packard Motor Car Company. (See Moorhouse, Alfred, assignor.)
- Packard Motor Car Company. (See Paton, Clyde R., assignor.)
- Packard Motor Car Company. (See Puff, Michael J., assignor.)
- Packard Motor Car Company. (See Tibbetts, Milton, assignor.)
- Packard Motor Car Company. (See Van Ranst, Cornelius W., assignor.)
- Packard Motor Car Company. (See Vincent, Charles H., assignor.)
- Packard Motor Car Company. (See Vincent, Jesse G., assignor.)
- Packard Motor Car Company. (See Ware, Marsden, assignor.)
- Packard Motor Car Company. (See Williams, Ralph M., assignor.)
- Packard Motor Car Company. (See Woolson, Lionel M., assignor.)
- Packard Properties, Inc. (See Foerste, William, assignor.)
- Packer, Lewis C., Longmeadow, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Beater rod locking device. 2,060,523; Nov. 10.
- Packers Equipment Development Company. (See Midgough, John B., assignor.)
- Packie, John W., Green Village, and D. E. Stines, Plainfield, N. J., assignors to Standard Oil Development Company. Distilling fluids at low temperatures. 2,062,375; Dec. 1.
- Packless Metal Products Corporation. (See Gaurnaschelli, Stephen, assignor.)
- Pacy, Ernest H. (See Seeman, R., and Wilson, assignors.)
- Paddock, Levi S., and C. A. Rinehart, Chicago, assignors to Industrial Patents Corporation, Chicago, Ill. Tendering meat. 2,043,392; June 9.
- Padelford, Lester E., assignor to The Republic Metalware Company, Buffalo, N. Y. Gas heated toasting device. 2,027,930; Jan. 14.
- Padelford, Lester E., and W. H. Rudolph, Buffalo, N. Y. Broiler or the like. 2,031,330; Feb. 18.
- Paden, Carter N., Atlanta, Ga. Apparatus for controlling electrical demand. 2,036,434; Apr. 7.
- Padgett, Benjamin L., Brooklyn, N. Y. Data indicator. 2,032,304; Feb. 25.
- Padgett, Joseph E., Toledo, Ohio. Universal joint. 2,032,497; Mar. 3.
- Padgett, Joseph E., Toledo, Ohio. Automatic power transmitting mechanism. 2,045,610; June 30.
- Padgett, Joseph E., Toledo, Ohio. Automatic power transmitting mechanism. 2,045,611; June 30.
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- Padgett, Joseph E., Toledo, Ohio. Universal joint. 2,058,819; Oct. 27.
- Padgett, Joseph E., Toledo, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorbing device. 2,036,955; Apr. 7.
- Padgett, Joseph E., Toledo, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Direct action shock absorber. 2,040,063; May 5.
- Padgett, Joseph E., Toledo, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Fluid shock absorber. 2,048,285; July 21.



- Padgett, Joseph E., Toledo, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorbing means. 2,060,590; Nov. 10.
- Pado, Michael, Donora, Pa. Clothespin. 2,043,553; June 9.
- Paganello, Nunzio, Brooklyn, N. Y. Eye mounting for dolls. 2,040,329; May 12.
- Page, Albert E., Brooklyn, assignor to Scott & Williams, Incorporated, New York, N. Y. Needle protector for knitting machines. 2,036,093; Mar. 31.
- Page, Albert E., Brooklyn, assignor to Scott & Williams, Incorporated, New York, N. Y. Sinkers and method for plating and reverse plating. 2,050,962; Aug. 11.
- Page, Albert E. and F. R., Brooklyn, N. Y., and H. N. Sheppard, Maplewood, N. J., assignors to Scott & Williams, Incorporated, New York, N. Y. Rubber feeding means for circular knitting machines. 2,062,926; Dec. 1.
- Page, Alexander G., assignor to Union Oil Company of California, Los Angeles, Calif. Method and apparatus for distillation of oil. 2,029,501; Feb. 4.
- Page, Charles L., Philadelphia, Pa. Latch knitting needle. 2,044,324; June 16.
- Page, Frank C. B., trustee. (See Reed, Roland K., assignor.)
- Page, Frank R. (See Page, Albert E., and F. R., and Sheppard.)
- Page, Fred'k, Contracting Co., The, (See Vincent, Thomas C., Jr.)
- Page, George E., assignor of one-fourth to L. Wallace and one-fourth to L. M. Higgins, Rochester, N. Y. Storm window. 2,048,463; July 21.
- Page, Herbert E., Syracuse, N. Y. Two-hand control device. 2,046,531; July 7.
- Page, Herbert E., Syracuse, N. Y. Garment pressing machine. 2,051,739; Aug. 18.
- Page, Herbert E., Syracuse, N. Y. Garment pressing machine. 2,058,495; Oct. 27.
- Page, James M., Jr. (See Diggs, S. H., Beard, and Page.)
- Page, James M., Jr. (See Diggs, S. H., and Page.)
- Page, James M., Jr., Casper, Wyo., assignor to Standard Oil Company, Chicago, Ill. Recovery of high melting point paraffin wax. 2,048,513; July 21.
- Page, John, Evanston, Ill. Partition structure. 2,027,784; Jan. 14.
- Page, John, Evanston, assignor to United States Gypsum Company, Chicago, Ill. Wallboard joint. 2,047,982; July 21.
- Page, John E., Sydney, Australia, assignor, by mesne assignments, to president and directors of The Manhattan Company, New York, N. Y., as trustee. Container. 2,053,678; Sept. 8.
- Page, John E., Sydney, Australia, assignor, by mesne assignments, to president and directors of The Manhattan Company, New York, N. Y., as trustee. Container. 2,053,679; Sept. 8.
- Page, John E., Sydney, New South Wales, Australia, assignor, by mesne assignments, to president and directors of The Manhattan Company, New York, N. Y., as trustee. Ice cream container. 2,053,680; Sept. 8.
- Page, John W., Chicago, Ill. Excavating shovel. 2,032,851; Mar. 3.
- Page, Louis J., Hollis, N. Y. Ophthalmic lens mount. 2,062,761; Dec. 1.
- Page, Luther T., Richmond, Va. Windshield heater. 2,030,117; Feb. 11.
- Page, Marshall H., Kansas City, Mo. Safety razor and blade therefor. 2,050,371; Aug. 11.
- Page Milk Company, The. (See Fechner, Elmer J., assignor.)
- Page, Ralph E., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Card feed with slitter. 2,039,831; May 5.
- Page, Ralph E., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Verifier. 2,059,805; Nov. 3.
- Page, Walter, Scarsdale, and B. E. Taylor, Mount Vernon, assignors to The Borden Company, New York, N. Y. Treating liquids. 2,062,330; Dec. 1.
- Page, Walter, Scarsdale, and B. E. Taylor, Mt. Vernon, assignors to The Borden Company, New York, N. Y. Treating canned liquids. 2,062,331; Dec. 1.
- Page, William, Parkland, Pa. Automatically adjusting brake shoes. 2,036,074; Mar. 31.
- Page, William M., Marblehead, assignor to Danvers Shoe Company, Newburyport, Mass. Single sole shoe and making the same. 2,048,562; July 21.
- Page, William T., Edmonston, Md. Vaporizer. 2,050,117; Aug. 4.
- Pagel, Albert F., Park Ridge, assignor to Signode Steel Strapping Company, Chicago, Ill. Loading and transportation of merchandise. 2,058,716; Oct. 27.
- Pagel, Ernest C., assignor to Signode Steel Strapping Company, Chicago, Ill. Transportation of pipe. 2,059,390; Nov. 3.
- Pagendarm, John F., Oakland, Calif. Corn popping and vending machine. 2,034,484; Mar. 17.
- Pagendarm, John F., San Francisco, Calif., assignor to Neon Arrowlite, Inc., Salt Lake City, Utah. Switch. 2,034,414; Mar. 17.
- Pagenkopf, Walter H., La Grange, and R. L. Hanson, Downers Grove, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Strand handling device. 2,040,330; May 12.
- Paget, Harold F. (See Haines, J., and Paget.)
- Pagliari, Francesco, Milan, Italy, assignor to Radio Corporation of America. Tuning indicator. 2,062,603; Dec. 1.
- Pahlow, Gustav C., Galesburg, and S. Junkunc, Oak Park, assignors to Victor Casket Hardware Company, Galesburg, Ill. Arm hook-up for casket handles. 2,033,445; Mar. 10.
- Paidar, Emil J., Company. (See Emmert, J. R., and Schwades, assignors.)
- Paige, Arthur E., Philadelphia, Pa. Oil burning apparatus. 2,029,184; Jan. 28.
- Paige, Richard E., Flushing, N. Y. Folded blank box. 2,050,894; Aug. 11.
- Paillard, Albert, Sainte-Croix, Switzerland. Intermittent film feed apparatus. 2,061,879; Nov. 24.
- Paine, Clifford, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Cupriferous azo dyestuffs and their production. 2,047,647; July 14.
- Paine, Clifford E., Chicago, Ill. Transmission device. 2,041,665; May 19.
- Paine, Hedley R., Jandowae, Queensland, Australia. Sewing machine. 2,033,294; Mar. 10.
- Paine, James W. (See Hambrecht, G. D., and Paine.)
- Paine, Louis A., Toronto, Ontario, Canada, assignor to Lincoln Meter Company, Inc., Springfield, Ill. Recording electric meter. 2,048,618; July 21.
- Paine, Louis B., Big Spring, Tex., assignor to National Aluminate Corporation, Chicago, Ill. Liquid feeder. 2,064,627; Dec. 15.
- Paine, Roy E., Cleveland, Ohio, assignor to Magnesium Development Corporation. Alloy. 2,026,589; Jan. 7.
- Paine, Roy E., Cleveland, Ohio, assignor to Magnesium Development Corporation. Alloy. 2,026,590; Jan. 7.
- Paine, Roy E., Cleveland, Ohio, assignor to Magnesium Development Corporation. Alloy. 2,026,591; Jan. 7.
- Paine, Roy E., Cleveland, Ohio, assignor to Magnesium Development Corporation. Alloy. 2,026,592; Jan. 7.
- Paine, Roy E., Cleveland, Ohio, assignor, by mesne assignments, to Magnesium Development Corporation. Alloys. 2,031,978; Feb. 25.
- Paine, Roy E., Oakland, Calif., assignor, by mesne assignments, to Magnesium Development Corporation. Alloy. 2,045,236; June 23.
- Paine, Roy E., Oakland, Calif., assignor, by mesne assignments, to Magnesium Development Corporation. Alloy. 2,045,237; June 23.
- Paine, Roy E., Oakland, Calif., assignor, by mesne assignments, to Magnesium Development Corporation. Alloy. 2,045,238; June 23.
- Paine, Roy E., Oakland, Calif., assignor, by mesne assignments, to Magnesium Development Corporation. Alloy. 2,045,239; June 23.
- Paine, Roy E., Oakland, Calif., assignor, by mesne assignments, to Magnesium Development Corporation. Alloy. 2,045,240; June 23.
- Paine, Roy E., Oakland, Calif., assignor, by mesne assignments, to Magnesium Development Corporation. Alloy. 2,045,241; June 23.
- Paine, Roy E., Oakland, Calif., assignor, by mesne assignments, to Magnesium Development Corporation. Alloy. 2,045,242; June 23.
- Paine, Roy E., Oakland, Calif., assignor, by mesne assignments, to Magnesium Development Corporation. Alloy. 2,045,243; June 23.
- Paine, Roy E., Oakland, Calif., assignor, by mesne assignments, to Magnesium Development Corporation. Alloy. 2,045,244; June 23.
- Paine, Roy E., Oakland, Calif., assignor, by mesne assignments, to Magnesium Development Corporation. Alloy. 2,045,245; June 23.
- Paine, Roy E., Oakland, Calif., assignor, by mesne assignments, to Magnesium Development Corporation. Alloy. 2,045,246; June 23.
- Paine, Roy E., Oakland, Calif., assignor, by mesne assignments, to Magnesium Development Corporation. Alloy. 2,045,247; June 23.
- Paine, Roy E., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Molding sand. 2,062,818; Dec. 1.
- Paine, Wilbur V., East Hartford, assignor to The Spencer Turbine Company, Hartford, Conn. Vacuum cleaner. 2,035,400; Mar. 24.
- Paine, Wilbur V., East Hartford, assignor to The Spencer Turbine Company, Hartford, Conn. Dust and dirt separator. 2,047,594; July 14.
- Pakala, William E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for arc welding. 2,036,233; Apr. 7.
- Palazzo, Fortunato. (See Palazzo, Francesco C. and F.)
- Palazzo, Francesco C., and F. Palazzo, Florence, Italy. Bleaching, refining, and cottonizing raw cellulose. 2,055,827; Sept. 29.
- Palen, John C. (See Palen, Matthew A., assignor.)
- Palen, Matthew A., Bethesda, Md., assignor to John C. Palen, Sacramento, Calif. Tactical infantry equipment. 2,046,424; July 7.
- Palen, William E., assignor to Ferry-Morse Seed Company, Detroit, Mich. Display stand. 2,034,115; Mar. 17.
- Palen, William E., assignor to Ferry-Morse Seed Company, Detroit, Mich. Display stand. 2,034,116; Mar. 17.
- Palermo, Frank, Los Gatos, Calif. Irrigation nozzle. 2,037,145; Apr. 14.
- Palermo, Joseph, Summit, Ill. Portable gantry crane. 2,034,920; Mar. 24.



- Palicki, Robert C., Toledo, Ohio. Work glove form. 2,035,094; Mar. 24.
- Palicki, Robert C., Toledo, Ohio. Making coated fabric articles. 2,060,342; Nov. 10.
- Palicki, Robert C., Toledo, Ohio. Coating fabric work gloves. 2,060,343; Nov. 10.
- Palkin, Samuel, Washington, D. C., assignor to H. A. Wallace, as Secretary of Agriculture of the United States of America. Gauge for measurement of gas pressures. 2,051,740; Aug. 18.
- Palla, John K., Chicago, Ill. Rotary tool. 2,051,270; Aug. 18.
- Pallada, Hubert, New York, N. Y. Game apparatus. 2,036,603; Apr. 7.
- Pallas, Vernon R., Cortland, N. Y. Abrasive machine and process. 2,033,392; Mar. 10.
- Pallas, Vernon R., Cortland, N. Y. Abrasive machine. 2,033,393; Mar. 10.
- Pallas, Vernon R., Cortland, N. Y. Abrasive machine. 2,033,394; Mar. 10.
- Palley, Samuel, Worcester, Mass. Card holding device for typewriters. 2,034,730; Mar. 24.
- Palm, Herman C., Chicago, Ill. Leg protecting device. 2,028,947; Jan. 28.
- Palm, John V. O., and C. E. Swartz, Cleveland Heights, assignors to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Bearing alloy. 2,059,019; Oct. 27.
- Palmason, Magnus, Sault Ste. Marie, Ontario, Canada. Portable stamp mill. 2,048,809; July 28.
- Palmer, Albert. (See Bergstrom, C. P., and Palmer.)
- Palmer, Albert. (See Holmes, E. R., and Palmer.)
- Palmer, Archie G., assignor of one-half to J. L. Russill, Sacramento, Calif. Direction signal. 2,055,554; Sept. 29.
- Palmer, Arthur D., Cleveland Heights, Ohio. Switch for burglar alarm systems. 2,047,328; July 14.
- Palmer, Bessie L., Administratrix. (See Palmer, Harry.)
- Palmer, Charles H., Urbana, Va. Reversible motor. 2,039,184; Apr. 28.
- Palmer, Clarence E. (See Ongaro, Theodore, assignor.)
- Palmer Company, The. (See Bruns, Anthony C., assignor.)
- Palmer Company, The. (See Michell, Curtis P., assignor.)
- Palmer, De Mar A., assignor, by mesne assignments, to Western-Austin Company, Aurora, Ill. Controlling mechanism for vehicle dump doors. 2,057,735; Oct. 20.
- Palmer, Dwight R. G., South Orange, N. J., assignor to General Cable Corporation, New York, N. Y. Electrical conductor. 2,034,532; Mar. 17.
- Palmer Electric & Manufacturing Co., The. (See Johanson, Ernest G., assignor.)
- Palmer, Frederick E., assignor to Sherbrooke Machineries, Limited, Sherbrooke, Quebec, Canada. Screen. 2,056,310; Oct. 6.
- Palmer, George B., Jr. (See Greenwald, H. A., and Palmer.)
- Palmer, George V., assignor to Palmer Steel Buildings, Incorporated, Los Angeles, Calif. Metal wall building construction. 2,049,862; Aug. 4.
- Palmer, George V., assignor to Palmer Steel Buildings, Incorporated, Los Angeles, Calif. Metal wall building construction. 2,049,863; Aug. 4.
- Palmer, Harry, deceased, late of Malden, by B. L. Palmer, administratrix, assignor to Palmer Inventions, Inc., Allston, Mass. Liquid fuel distributing apparatus. 2,040,707; May 12.
- Palmer, Harry A., assignor to Palmer Inventions Inc., Malden, Mass. Driving mechanism of the one-way clutch type. 2,042,358; May 26.
- Palmer, Harry A., Malden, Mass., assignor to Palmer Inventions, Inc. Float switch. 2,054,205; Sept. 15.
- Palmer, Harry L., Scotia, N. Y., assignor to General Electric Company. Welding apparatus. 2,049,312; July 28.
- Palmer, Harry L., Scotia, N. Y., assignor to General Electric Company. Electric translating circuit. 2,057,585; Oct. 13.
- Palmer, Herbert R., Cleveland, Ohio. Gas burner. 2,044,953; June 23.
- Palmer Inventions, Inc. (See Palmer, Harry A., assignor.)
- Palmer, John F., St. Joseph, Mich. Making insulating material and apparatus therefor. 2,055,877; Sept. 29.
- Palmer, McKinley, Beverly Hills, Calif. Automatic clutch control. 2,050,729; Aug. 11.
- Palmer, Oscar C., Phoenix, Ariz. Radiator construction. 2,035,665; Mar. 31.
- Palmer, Oscar C., Phoenix, Ariz. Radiator core. 2,061,100; Nov. 17.
- Palmer, Ralph L., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Record verifying machine. 2,039,832; May 5.
- Palmer, Ralph L., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Relay. 2,053,102; Sept. 1.
- Palmer, Robert C. (See Nuss, August J., assignor.)
- Palmer, Robert K., Hamilton, Ontario, Canada. Steel joist for concrete floors. 2,055,701; Sept. 29.
- Palmer, Robert L., administrator. (See Adams, Arthur H.)
- Palmer, Robert T., Sharon, assignor to B. F. Sturtevant Company, Inc., Hyde Park, Boston, Mass. Refrigeration method and apparatus for the conditioning of air. 2,048,137; July 21.
- Palmer, Sidney L., San Francisco, Calif., assignor to American Smelting and Refining Company, New York, N. Y. Metallic packing and producing the same. 2,028,240; Jan. 21.
- Palmer, Sidney L., and L. M. Beckes, San Francisco, Calif., assignors to Federated Metals Corporation, New York, N. Y. Self-fluxing solder and making same. 2,055,878; Sept. 29.
- Palmer Steel Buildings, Incorporated. (See Palmer, George V., assignor.)
- Palmer, William C. (See Yerck, H. H., and Palmer.)
- Palmgren, Nils A., Goteborg, Sweden. Musical instrument with electric sound reproduction system. 2,032,435; Mar. 3.
- Palmgren, Nils A., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Radial plain bearing. 2,029,274; Jan. 28.
- Palmgren, Nils A., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Radial plain bearing for grease lubrication. 2,029,275; Jan. 28.
- Palmgren, Nils A., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Plain bearing. 2,043,213; June 2.
- Palmgren, Nils A., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Plain bearing. 2,053,201; Sept. 1.
- Palmgren, Nils A., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Universal plain bearing. 2,053,202; Sept. 1.
- Palmgren, Nils A., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Radial plain bearing for grease lubrication. 2,053,203; Sept. 1.
- Palmrter, Frank, South Bend, Ind. Sandblast device. 2,042,120; May 26.
- Palmros, Alexander. (See Rugg, W. S., and Palmros.)
- Palnut Company, The. (See Hotchkiss, James R., assignor.)
- Palombo, Faustino J., Jr. (See Palombo, Faustino J., Sr., and F. J., Jr.)
- Palombo, Faustino J., Sr., and F. J., Jr., Garfield Heights, Ohio. Sounding-toy apparatus. 2,065,823; Dec. 29.
- Pålsson, Bror, Malmo, Sweden. Fire extinguishing apparatus. 2,029,336; Feb. 4.
- Pampinella, Antonino, Rome, Italy. Davit for lifeboats. 2,033,000; Mar. 3.
- Pamplin, James R., Springfield, Mo. Razor. 2,051,343; Aug. 18.
- Pan-American Engineering Corporation. (See Kraut, Max, assignor.)
- Panettiere, Cayetano, Miami Beach, Fla. Surgical mask. 2,038,310; Apr. 21.
- Pangborn Corporation. (See Rosenberger, William A., assignor.)
- Pankonin, William G., Chicago, Ill. Tool for removing staples. 2,033,050; Mar. 3.
- Pankonin, William G., Chicago, Ill. Stapling machine. 2,042,958; June 2.
- Pankonin, William G., Chicago, Ill. Stapling machine. 2,059,021; Oct. 27.
- Pankonin, William G., Chicago, Ill. Stapling machine. 2,066,157; Dec. 29.
- Pankonin, William G., assignor to Ace Fastener Corporation, Chicago, Ill. Stapling device. 2,033,049; Mar. 3.
- Pankonin, William G., assignor to Ace Fastener Corporation, Chicago, Ill. Stapling device. 2,056,480; Oct. 6.
- Pankonin, William G., assignor to Ace Fastener Corporation, Chicago, Ill. Stapling device. 2,059,020; Oct. 27.
- Pannecoucke, Grégoire J., Detroit, Mich. Reinforced steering wheel. 2,041,205; May 19.
- Pannecoucke, Grégoire J., Detroit, Mich. Forming hand-wheels. 2,041,206; May 19.
- Pannecoucke, Grégoire J., Detroit, Mich. Making wheels. 2,051,314; Aug. 18.
- Pannier Brothers Stamp Company. (See Pannier, W. J., Jr., and O. M., assignors.)
- Pannier, Oscar M. (See Pannier, W. J., Jr., and O. M.)
- Pannier, William J., Jr., Pittsburgh, and O. M. Pannier, Kilbuck Township, Allegheny County, assignors to Pannier Brothers Stamp Company, Pittsburgh, Pa. Stencil. 2,057,788; Oct. 20.
- Panoff, Vincent, Belfort, France, assignor to General Electric Company. Spinning bucket. 2,029,185; Jan. 28.
- Panoff, Vincent, Belfort, France, assignor to General Electric Company. Vertical shaft motor. 2,046,965; July 7.
- Panos, James A., and S. D. Christie, Los Angeles, Calif. Dishwashing machine. 2,061,775; Nov. 24.
- Panstwowa Wytownia Prochu. (See Dunin-Markiewicz, S., Sudlitz, and Smiśniewicz, assignors.)
- Panstwowe Wytownie Prochu. (See Kardaszewicz, Jerzy, assignor.)
- Panther-Panco-Rubber Co., Inc. (See Bernstein, Maurice J., assignor.)
- Panther-Panco Rubber Co. Inc. (See Penardi, Dominic, assignor.)
- Panza, Ralph, Los Angeles, Calif. Foldable screen. 2,028,918; Jan. 28.
- Panza, Regolo. (See Leaf, S. S., and Panza.)
- Panzegrau, Norman O., Chicago, Ill., assignor to International Harvester Company. Street plate for track shoes. 2,028,346; Jan. 21.
- Panzer, Bernhard, Vienna, Austria. Boundary net for tennis courts and the like. 2,048,889; July 28.



- Paolillo, Thomas G. (See Asmusen, A. J., and Paolillo.)  
 Paolini, Joseph, Watertown, Mass. Float switch. 2,057,586; Oct. 13.  
 Papageorge, Theodore, assignor to Monarch Manufacturing Company, Milwaukee, Wis. Garment. 2,037,918; Apr. 21.  
 Pape & Co., G. m. b. H. (See Reis, Alfred, assignor.)  
 Pape, Clifford B., assignor to California Prune and Apricot Growers Association, San Jose, Calif. Packing dried fruits and the like. 2,055,800; Sept. 29.  
 Pape, Louis R., Dayton, Ohio, and L. B. Knight, Jr., assignors to H. S. Simpson, Chicago, Ill. Mixer for de-airing clay. 2,063,266; Dec. 8.  
 Papendick, Inc. (See Tewes, Anthony B., assignor.)  
 Paper Cap Manufacturing Company Limited, The. (See Robinson, Keith A., assignor.)  
 Paper Dispensers, Inc. (See Colburn, Beal E., assignor.)  
 Paper Novelty Manufacturing Co. (See Pretzfelder, Millard, assignor.)  
 Paper Partitions, Inc. (See Vail, Dan R., assignor.)  
 Paper Patents Company. (See Bright, Charles G., assignor.)  
 Paper Patents Company. (See Catlin, J. B., and Moravek, assignors.)  
 Paper Patents Company. (See Davis, M. N., and Malmstrom, assignors.)  
 Paper Patents Company. (See John, H., Le Febvre, and Du Bois.)  
 Paper Patents Company. (See Kellett, W. R., and Oster-tag, assignors.)  
 Paper Service Company, The. (See Rowe, William W., assignor.)  
 Paper Service Company, The. (See Rowe, W. W., and Morris, assignors.)  
 Papeteries Navarre. (See Delcroix, Pierre, assignor.)  
 Papp, George, Astoria, assignor to Peters Bros. Rubber Company, Inc., Brooklyn, N. Y. Making cut-embossing stock sheets and article of manufacture. 2,043,809; June 9.  
 Pappert, Emanuel, New York, and H. M. Smith, Garden City, said Smith assignor to T. & P. Optical Co., New York, N. Y. Optical mounting. 2,061,847; Nov. 24.  
 Papst, Hermann, St. Georgen, Schwarzwald, Germany. Producing mirror wheels. 2,042,018; May 26.  
 Papst, Hugh W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical conductor. 2,039,025; Apr. 28.  
 Papst, Hugh W., assignor to Anaconda Wire & Cable Company, New York, N. Y. Channel conductor clamp. 2,059,899; Nov. 3.  
 Papworth, Walter A., Grand Rapids, Mich., assignor, by mesne assignments, to Easy Washing Machine Corporation, Syracuse, N. Y. Centrifugal clothes drier. 2,031,427; Feb. 18.  
 Paquette, Nathan W., assignor to The Parker Pen Company, Janesville, Wis. Fountain pen. 2,037,177; Apr. 14.  
 Paquette, Roland J., Woodstock, Ontario, Canada, assignor to Scott & Williams, Incorporated, New York, N. Y. Dial timing mechanism for circular knitting machines. 2,040,021; May 5.  
 Para Fabrics Corporation. (See Bodmer, Albert, assignor.)  
 Paradis, Alfred H. (See Bray, Dana S., assignor.)  
 Paradise, William F., Atchison, Kans. Ice pick. 2,039,926; May 5.  
 Paraffine Companies, The. (See Miller, Abraham B., assignor.)  
 Paraffine Companies, The. (See Rosener, Leland S., assignor.)  
 Paragon Die Casting Company. (See Lannert, Frank, assignor.)  
 Parallax Corporation. (See Taylor, Robert B. M., assignor.)  
 Paramount Productions, Inc. (See Jennings, H. G., Lerpée, and Zaugg, assignors.)  
 Paramount Textile Machinery Co. (See Prosser, T. W., and Wahlbeck, assignors.)  
 Parcelads Limited. (See Smith, Louis, assignor.)  
 Parcels, Paul, Chicago, Ill., assignor to Geo. Whiting Company. Bending rolls machine. 2,049,173; July 28.  
 Pardee, Harvey S. (See Baumgarten, A. W., and Pardee.)  
 Pardee, Lloyd W. (See Rutzen, M. C., Pardeen, and Stecker.)  
 Pardini, Louis, Burlingame, Calif. Automatic head for drum stapling machines. 2,063,460; Dec. 8.  
 Pardon, Ernest J., Torrington, and A. H. Fritz, Litchfield, assignors to Union Hardware Company, Torrington, Conn. Roller skate. 2,051,414; Aug. 18.  
 Pardon, Ernest J., Torrington, and A. H. Fritz, Litchfield, assignors to Union Hardware Company, Torrington, Conn. Roller skate. 2,058,820; Oct. 27.  
 Parent, Emile J., Bloomfield, N. J., and J. L. Krieg, Hollis, assignors to Alco Products Incorporated, New York, N. Y. Apparatus for reclaiming waste heat. 2,028,471; Jan. 21.  
 Parfek, Inc. (See Sexton, Roy W., assignor.)  
 Parfentjev, Ivan A., Pearl River, N. Y. Purification of antitoxins and the like. 2,065,196; Dec. 22.  
 Parfumerie St. Denis. (See Koenigsberger, Franz, assignor.)  
 Parfums Corday, Inc. (See Lessin, Maurice E., assignor.)  
 Parfums Corday, Inc. (See Marcus, Charles L., assignor.)  
 Paris, Benjamin, Wellington, New Zealand. Brace. 2,064,077; Dec. 15.  
 Paris, Clarence H., Springfield, Ill. Boltless expansion and connecting joint. 2,032,713; Mar. 3.  
 Paris, Guy H., Duluth, Minn. Amplifier. 2,065,610; Dec. 29.  
 Paris, Hugh P. (See Yett, P. W., assignor.)  
 Paris, Israel R., Washington, D. C. Double dummy bridge game. 2,030,466; Feb. 11.  
 Paris, Robert E., New York, N. Y. Tabulating machine. 2,047,519; July 14.  
 Paris, Robert E., New York, N. Y. Statistical card and record. 2,051,390; Aug. 18.  
 Paris, Robert E., New York, N. Y. Machine control system and means for carrying the same into effect. 2,055,016; Sept. 22.  
 Paris, Robert E., New York, N. Y. Tabulating machine. 2,063,118; Dec. 8.  
 Parish, Fred A., Newton, Iowa. Ironing machine cabinet. 2,037,816; Apr. 21.  
 Parish, Richard L. (See Larson, Ivar G., assignor.)  
 Parish, Richard L. (See Thomas, John H., assignor.)  
 Parish, Scott, Cleveland, Ohio. Projector or camera shutter mechanism. 2,039,341; May 5.  
 Parjanen, Adam, Helsinki, Finland. Drilling machine. 2,053,736; Sept. 8.  
 Park, Carl P., Manchester, N. H., assignor to U. S. Bobbin & Shuttle Company 1929, Providence, R. I. Shuttle pin lock. 2,030,713; Feb. 11.  
 Park, Charles R., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Recovering precipitates. 2,047,128; July 7.  
 Park, Charles R., Silver Lake, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Pigment composition and preparation thereof. 2,050,193; Aug. 4.  
 Park Chemical Company. (See Kramer, P. H., and Thompson assignors.)  
 Park, Nellie V., Boston, Mass. Handbag and cover therefor. 2,059,022; Oct. 27.  
 Park, Robert H., Bound Brook, N. J. Electric cooking apparatus. 2,045,673; June 30.  
 Parke, Davis & Company. (See Holmes, Harry N., assignor.)  
 Parke, Davis & Company. (See McCrea, Adelia, assignor.)  
 Parke, Davis & Company. (See von Rosenberg, Hilton O., assignor.)  
 Parker, Alvah C., assignor, by mesne assignments, to Libbey Glass Company, Toledo, Ohio. Glass gathering device. 2,056,981; Oct. 13.  
 Parker, Arthur H. (See Sebell, Harry, assignor.)  
 Parker, Arthur L., Cleveland, Ohio. Forming seamless tube couplings. 2,027,285; Jan. 7.  
 Parker, Arthur L., Cleveland, Ohio. Flexible fitting for tubes. 2,035,978; Mar. 31.  
 Parker, Arthur L., Cleveland, Ohio. Check valve for fluid pressure pipes. 2,044,629; June 16.  
 Parker, Arthur L., Cleveland, Ohio. Elastic coupling for tubes. 2,053,626; Sept. 8.  
 Parker, Arthur L., Cleveland, Ohio. Buffer for fluid pressure indicators. 2,064,268; Dec. 15.  
 Parker Brothers, Inc. (See Lord, Oswald B., assignor.)  
 Parker, Charles S., C. L. Wall, and F. Farrington, Bolton, England. Resist effects with azo dyestuffs. 2,031,546; Feb. 18.  
 Parker, Charles S., C. L. Wall and F. Farrington, Bolton, England, assignors, by mesne assignments, to General Aniline Works, Inc., New York, N. Y. Producing azo dyestuffs on the fiber. 2,046,425; July 7.  
 Parker, Clara B. (See Platt, Leland H., assignor.)  
 Parker, Dreda W. (See Parker, Sumner A. and D. W.)  
 Parker, Edward H., Arlington, assignor to W. H. Bagshaw Co., Lowell, Mass. Textile picker. 2,028,919; Jan. 28.  
 Parker, Elwood W., Murfreesboro, N. C. Latchable cover structure. 2,049,313; July 28.  
 Parker, Emmett, Portland, Oreg. Wood fabricating machine. 2,038,000; Apr. 21.  
 Parker, Frank O., assignor to Acme Steel & Malleable Iron Works, Inc., Buffalo, N. Y. Road joint forming means and constructions making use thereof. 2,063,749; Dec. 8.  
 Parker, George H., Jr., Lagrange, Ga. Drafting instrument. 2,051,741; Aug. 18.  
 Parker, George K., Escalon, Calif. Method and apparatus for pumping fluids. 2,065,926; Dec. 29.  
 Parker, Guy E., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Clutch control. 2,061,006; Nov. 17.  
 Parker, Harry. (See Rowland, T. C. E., and Parker.)  
 Parker, Henry C. (See Thompson, Louis T. E., assignor.)  
 Parker, Henry C. (See Wysever, Floyd J., assignor.)  
 Parker, Henry C., Washington, D. C. Automobile ventilator and windshield defroster. 2,064,492; Dec. 15.  
 Parker, Henry W., et al. (See Whitford, Arley C., assignor.)  
 Parker, Henry W., assignor to Rogers Radio Tubes, Limited, Toronto, Ontario, Canada. Electron discharge device. 2,030,930; Feb. 18.  
 Parker, Henry W., assignor to Rogers Radio Tubes, Ltd., Toronto, Ontario, Canada. Electron coupled thermionic oscillator. 2,030,931; Feb. 18.  
 Parker, Henry W., assignor to Rogers Radio Tubes Ltd., Toronto, Ontario, Canada. Dual purpose thermionic tube. 2,048,023; July 21.  
 Parker, Henry W., Toronto, and N. A. Yorke, Long Branch, assignors to Rogers Radio Tubes, Ltd., Toronto, Ontario, Canada. Thermionic tube. 2,063,188; Dec. 8.



- Parker, Herschel C., assignor of one-half to J. W. Chard, Los Angeles, Calif. Extracting gold from saline solutions. 2,042,121; May 26.
- Parker, Howard H., Cleveland, Ohio, assignor, by mesne assignments, to Radio Corporation of America. Radio receiving circuits. 2,038,955; Apr. 28.
- Parker, Howard H., Cleveland, Ohio. Pressure compensator for pneumatic tires. 2,051,315; Aug. 18.
- Parker, Humphrey F., Detroit, Mich., and B. E. House, assignors to Bendix Brake Company, South Bend, Ind. Brake. 2,031,730; Feb. 25.
- Parker, Humphrey F., New York, N. Y. Brake. 2,059,270; Nov. 3.
- Parker, Humphrey F., New York, N. Y. Control system and apparatus. 2,059,271; Nov. 3.
- Parker, Humphrey F., New York, N. Y., and B. E. House, assignors to Bendix Brake Company, South Bend, Ind. Brake. 2,060,891; Nov. 17.
- Parker, Ignatius F., trustee. (See Guest, William W.)
- Parker, J. Henry S., and W. N. Schuler, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Film pack. 2,059,900; Nov. 3.
- Parker, James E., Washington, D. C. Type form. 2,048,965; July 28.
- Parker, James V., Memphis, Tenn. Gas lock for automobiles. 2,057,109; Oct. 13.
- Parker, Leighland F. (See Buckingham, W. D., and Parker.)
- Parker, Leslie O. (See Norviel, H. E., and Parker.)
- Parker, Leslie O., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition starter control. 2,033,252; Mar. 10.
- Parker, Leslie O., and J. T. Fitzsimmons, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Ignition lock. 2,065,906; Dec. 29.
- Parker, Lucian E., assignor to The Ohio Match Company, Wadsworth, Ohio. Cover feeder for book match machines. 2,031,572; Feb. 18.
- Parker, Morgan, Katonah, N. Y., assignor to Bard-Parker Company, Inc., Danbury, Conn. Detachable blade knife. 2,064,176; Dec. 15.
- Parker Pen Company, The. (See Mohns, David F., assignor.)
- Parker Pen Company, The. (See Paquette, Nathan W., assignor.)
- Parker Pen Company, The. (See Sayler, Galen H., assignor.)
- Parker Pen Company, The. (See Tefft, Ivan D., assignor.)
- Parker, Sumner A. and D. W., Baltimore, Md. Chimney cap. 2,048,216; July 21.
- Parker, Walter H., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Fluid meter. 2,035,338; Mar. 24.
- Parker, William B. (See Dearing, A. E., and Parker.)
- Parker, William B., Manchester, Tenn. Valve device. 2,040,015; May 5.
- Parker, William B., Manchester, Tenn. Carburetor. 2,040,020; May 5.
- Parker, William B., Placerville, assignor to California Spray-Chemical Corporation, Berkeley, Calif. Nozzle. 2,029,337; Feb. 4.
- Parker, William B., Placerville, assignor to California Spray-Chemical Corporation, Berkeley, Calif. Inspiring nozzle. 2,029,338; Feb. 4.
- Parker, William F., Troup, Tex., assignor to Sinclair Prairie Oil Company, Tulsa, Okla. Oil well pumping apparatus. 2,028,409; Jan. 21.
- Parker, William H., and D. P. Gregory, Richmond, Va., assignors of one-third to said Parker and two-thirds to said Gregory. Baseball game. 2,049,314; July 28.
- Parker, William R. (See Holbrook, W. L., and Parker.)
- Parker, William W., Newport News, Va. Agitating apparatus. 2,053,627; Sept. 8.
- Parker Wire Goods Company. (See Priest, Dwight E., assignor.)
- Parkersburg Rig & Reel Company, The. (See De La Mater, Robert G., assignor.)
- Parkersburg Rig & Reel Company, The. (See Settle, S. B., and Johnson, assignors.)
- Parkes, Ralph C. (See Berger, C. E., and Parkes.)
- Parkhill, Clarence D., Greenville, Mich., assignor to Ferro Enamel Corporation, Cleveland, Ohio. Magnetic rake. 2,056,906; Oct. 6.
- Parkhill, James R., assignor to Mathews Conveyer Company, Ellwood City, Pa. Distributing system for classifying objects. 2,033,645; Mar. 10.
- Parkhill-Wade, Incorporated. (See Sandberg, William A., assignor.)
- Parkhill-Wade Incorporated. (See Wade, Henry N., assignor.)
- Parkhill-Wade, Incorporated. (See Wilcox, Francis W., assignor.)
- Parkhurst, Frederic A., Bethesda, Md., assignor to The Fibroid Corporation, Indian Orchard, Mass. Machine for extruding plastic materials. 2,061,042; Nov. 17.
- Parkhurst, George L., assignor to Standard Oil Company, Chicago, Ill. Solvent fractionation. 2,029,689; Feb. 4.
- Parkhurst, George L., assignor to Standard Oil Company, Chicago, Ill. Well treating. 2,038,956; Apr. 28.
- Parkhurst, George L., assignor to Standard Oil Company, Chicago, Ill. Cleaning fluid. 2,053,007; Sept. 1.
- Parkin, Thomas D., Broomfield, near Chelmsford, and K. S. Webb, London, England, assignors to Radio Corporation of America. Electrical instrument. 2,027,195; Jan. 7.
- Parkin, Winfred T., assignor to Theodore W. Foster and Bro. Company, Providence, R. I. Container. 2,033,295; Mar. 10.
- Parkin, Winfred T., assignor to T. W. Foster & Bro. Company, Providence, R. I. Vanity case. 2,035,830; Mar. 31.
- Parkin, Winfred T., assignor to T. W. Foster & Bro. Company, Providence, R. I. Vanity case. 2,035,831; Mar. 31.
- Parkin, Winfred T., assignor to T. W. Foster & Bro. Company, Providence, R. I. Vanity case. 2,035,832; Mar. 31.
- Parkin, Winfred T., assignor to Theodore W. Foster and Bro. Company, Providence, R. I. Container closure. 2,044,508; June 16.
- Parkin, Winfred T., assignor, by mesne assignments, to Stellar Corporation, Providence, R. I. Mouthpiece. 2,045,674; June 30.
- Parkin, Winfred T., assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Razor with sliding actuator plate. 2,060,635; Nov. 10.
- Parkin, Winfred T., assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Razor. 2,060,637; Nov. 10.
- Parkins, George L., Columbus, Ohio. Closure fastener. 2,035,666; Mar. 31.
- Parkinson, Donald. (See Madge, E. W., Jones, and Parkinson.)
- Parkinson Heater Corporation. (See Wilder, Allen B., assignor.)
- Parkinson, James A., Topeka, Kans., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,030,532; Feb. 11.
- Parkinson, John S., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Acoustical structure. 2,029,441; Feb. 4.
- Parkinson, Joseph C. (See Gelstharp, F., and Parkinson.)
- Parkinson, Reginald H. (See Riley, R. H. J., Parkinson, and Sims.)
- Parkinson, Reginald H., and C. W. Addy, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of artificial materials. 2,035,504; Mar. 31.
- Parks-Cramer Company. (See Hodge, William B., assignor.)
- Parks-Cramer Company. (See Linder, Willis W., assignor.)
- Parks-Cramer Company. (See Sanders, William H., assignor.)
- Parks, Fred M., Murrysburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,027,247; Jan. 7.
- Parks, James M., Topeka, Kans. Theft alarm. 2,063,189; Dec. 8.
- Parks, Joseph A., Jr. (See Ferguson, W. T., and Parks.)
- Parks, Orville J. (See Keith, K. M., and Parks.)
- Parks, Paul B. (See Smith, W. M., Parks, and Russell.)
- Parks, Paul B., Oak Park, assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Reclosing circuit breaker. 2,046,406; July 7.
- Parks, Paul B., Oak Park, and D. W. Miller, Elmhurst, Ill., assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Thermostat. 2,046,578; July 7.
- Parks, Robert D., and G. Hildenbrand, Lohrville, Iowa, assignor of one-fourth to J. P. Kavanaugh and J. C. Kavanaugh, Waterbury, Nebr., and one-fifth to H. S. Snyder, Sioux City, Iowa. Automatic corn popping machine. 2,027,698; Jan. 14.
- Parks, Robert D., and G. Hildenbrand, Lohrville, Iowa, assignors of two-fifths to J. P. Kavanaugh, two-fifths to J. C. Kavanaugh, Waterbury, Nebr., and one-fifth to H. S. Snyder, Sioux City, Iowa. Automatic packaging and vending machine. 2,051,344; Aug. 18.
- Parks, Roland D., Houghton Village, Mich. Yieldable support. 2,029,789; Feb. 4.
- Parks & Woolson Machine Company. (See Richardson, Charles G., assignor.)
- Parmelee, Alfred E. (See Bake, L. S., and Parmelee.)
- Parmelee, Alfred E. (See Downing, F. B., Bake, and Parmelee.)
- Parmelee, Clifford H., assignor to Onondaga Pottery Company, Syracuse, N. Y. Tunnel kiln. 2,039,445; May 5.
- Parmelee, Clifford H., assignor to Onondaga Pottery Company, Syracuse, N. Y. Tunnel kiln. 2,045,920; June 30.
- Parmenter, Bert N., Lake Forest, Ill. Window device. 2,060,109; Nov. 10.
- Parmenter, Bert N., Lake Forest, Ill. Window device. 2,062,524; Dec. 1.
- Parmenter, Le Clare F. (See Boyer, S., and Parmenter.)
- Parmley, John, Clifton, N. J. Invalid crane. 2,051,530; Aug. 18.
- Parr, Bernard F., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Sandwich grill. 2,057,501; Oct. 13.
- Parr, Charles E., Wichita, Kans. Valve controlling device. 2,050,372; Aug. 11.
- Parr, Harold L., assignor to Parr Instrument Company, Moline, Ill. Oxygen bomb. 2,065,870; Dec. 29.
- Parr Instrument Company. (See Parr, Harold L., assignor.)
- Parr, Louis F., assignor to E. Dietzgen Company, Chicago, Ill. Pin mounting. 2,064,941; Dec. 22.



- Parraga, Charles F., Mexico D. F., Mexico. Apparatus for the treatment of ores. 2,045,919; June 30.
- Parrett, Arthur N., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Baking enamel. 2,047,797; July 14.
- Parrigan, Homer P., Port Arthur, Tex. Gas fuel burner. 2,063,396; Dec. 8.
- Parrill, Easton E., Swissvale, and C. H. Lay, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,034,533; Mar. 17.
- Parrish, Benjamin E., Dallas, Tex. Swab. 2,057,966; Oct. 20.
- Parrish, Benjamin E., Dallas, Tex. Well packer. 2,059,901; Nov. 3.
- Parrish, William C., Portland, Oreg. Insecticide. 2,034,152; Mar. 17.
- Parrish, William J. (See Robinson, H. H., and Parrish.)
- Parrot, Harry B. (See Madsen, M., Ziegler, Parrot, and Ruth.)
- Parrot Speed Fastener Corporation. (See Crosby, Stephen A., assignor.)
- Parrott, Percy F., Toledo, Ohio. Chair. 2,049,659; Aug. 4.
- Parrott, Robert D. (See Harrall, E. R., and Parrott.)
- Parry, Amos G., assignor to Telescope Folding Furniture Company, Incorporated, Granville, N. Y. Folding furniture. 2,044,364; June 16.
- Parshad Holding Corporation, et al. (See Avery, Alfred H., assignor.)
- Parshad Holding Corporation, et al. (See Eaton, Charles F., assignor.)
- Parshad Holding Corporation, et al. (See Thoma, Andrew, assignor.)
- Parsons, C. A., and Company. (See Bedford, F. G. H., and Gibb, assignors.)
- Parsons, C. A., and Company. (See Gardner, Francis W., assignor.)
- Parsons, Charles T. S. (See Rieger, William F., assignor.)
- Parsons, Edward T., Upper Montclair, N. J., assignor to Thomson Machine Company. Dough working machine. 2,063,750; Dec. 8.
- Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Transmission mechanism. 2,037,262; Apr. 14.
- Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Transmission. 2,037,263; Apr. 14.
- Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Milling machine organization. 2,040,528; May 12.
- Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool. 2,052,647; Sept. 1.
- Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Milling machine organization. 2,052,648; Sept. 1.
- Parsons, Frederick L., assignor to Benjamin Howe, trustee, Reading, Mass. Fuel injection pump. 2,038,311; Apr. 21.
- Parsons, George K., assignor to Unitor Corporation, Detroit, Mich. Rack for washing machines. 2,046,207; June 30.
- Parsons, George K., assignor to Unitor Corporation, Detroit, Mich. Washing machine. 2,053,531; Sept. 8.
- Parsons, George K., assignor to Unitor Corporation, Detroit, Mich. Convertible washing machine. 2,057,277; Oct. 13.
- Parsons, John, Coventry, England. Window latch mechanism. 2,045,198; June 23.
- Parsons, John B., Arlington, assignor of sixty percent to G. Stetson, Boston, Mass. Control system. 2,063,049; Dec. 8.
- Parsons, Loren E., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone coin collector. 2,049,174; July 28.
- Parsons Marine Steam Turbine Company, The. (See Cook, Stanley S., assignor.)
- Parsons Marine Steam Turbine Company, The. (See Cook, S. S., and Douglas, assignors.)
- Parsons, Philip D., Swarthmore, assignor to Scott Paper Company, Chester, Pa. Machine for compressing and loading articles of flat form. 2,059,960; Nov. 3.
- Parsons, Ralph M., assignor to The Ralph M. Parsons Company, Mount Vernon, Ohio. Bubble column. 2,052,532; Aug. 25.
- Parsons, Ralph M., Company, The. (See Parsons, Ralph M., assignor.)
- Parsons, Raymond V., assignor to Johns-Manville Corporation, New York, N. Y. Wall assembly. 2,058,386; Oct. 20.
- Parsons, Raymond V., assignor to Johns-Manville Corporation, New York, N. Y. Replaceable unit ceiling construction. 2,059,483; Nov. 3.
- Parsons, Robert J., Schenectady, assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Thermostatic circuit controller. 2,028,077; Jan. 14.
- Parsons, Robert J., Schenectady, assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Emergency circuit controller. 2,030,799; Feb. 11.
- Parsons, Robert J., Schenectady, assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Car heating system. 2,034,955; Mar. 24.
- Parsons, Robert J., Schenectady, assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Heating system for automotive vehicles. 2,038,193; Apr. 21.
- Parsons, Robert J., Schenectady, assignor to Consolidated Car Heating Company, Inc., Albany, N. Y. Circuit controller. 2,049,747; Aug. 4.
- Parsons, Robert J., Schenectady, assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Thermostat. 2,057,967; Oct. 20.
- Parsons, Robert J., Schenectady, N. Y., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Heating and ventilating system. 2,058,252; Oct. 20.
- Parsons, Robert J., Schenectady, assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Heater. 2,058,253; Oct. 20.
- Parsons, Robert J., Schenectady, and J. W. Conway, Mechanicville, N. Y., assignors to Consolidated Car-Heating Company, Inc. Heating apparatus. 2,037,337; Apr. 14.
- Parsons, Robert J., Schenectady, and J. W. Conway, Mechanicville, assignors to Consolidated Car-Heating Company, Inc., Albany, N. Y. Motor resistance heater. 2,040,951; May 19.
- Partain, Oliver W., Tulsa, Okla. Clutch. 2,041,948; May 26.
- Parten, Jubal R. (See Dayson, S., and Parten.)
- Partitions, Inc. (See Driver, Arthur S., assignor.)
- Partlow Corporation, The. (See Partlow, Howard W., assignor.)
- Partlow, Howard W., Utica, N. Y., assignor to The Partlow Corporation, New Hartford, Conn. Thermal-electric control. 2,026,699; Jan. 7.
- Partlow, Howard W., Utica, assignor to The Partlow Corporation, New Hartford, N. Y. Temperature control. 2,045,959; June 30.
- Partridge, Everett P., Park View Estates, N. J., Nathan Fragen, Ann Arbor, Mich., assignors to United States of America, represented by the Secretary of Commerce. Recovery of potassium salts from minerals. 2,033,149; Mar. 10.
- Parva Products Company. (See White, Holman H., assignor.)
- Parvillé, Maurice, assignor to Société la Precision Moderne, Paris, France. Universal transmission joint. 2,057,736; Oct. 20.
- Parvin, Albert M., Revere, Mass., assignor to Boston Machine Works Company, Lynn, Mass. Tool. 2,033,892; Mar. 10.
- Parvin, Edward G., Roselle, assignor to National Pneumatic Company, Rahway, N. J. Door operator. 2,031,226; Feb. 18.
- Parvin, Edward G., Roselle, N. J., assignor to National Pneumatic Company, New York, N. Y. Door operating apparatus. 2,034,415; Mar. 17.
- Parvin, Edward G., Roselle, N. J., assignor to National Pneumatic Company, New York, N. Y. Synchronous motor drive. 2,041,510; May 19.
- Pasadena, City of. (See Pearce, Cecil E., assignor.)
- Paschall, Benjamin S., Seattle, Wash. Nebulizer. 2,063,397; Dec. 8.
- Pascheka, Alfred, Pegau, Germany. Movable automobile front bumper. 2,048,945; July 28.
- Paschke, Fritz, A. Kasmann, Cologne, and L. Fahl, assignors to Glanzstoff-Courtaulds G. m. b. H., Cologne-Merheim, Germany. Method of and apparatus for drying artificial silk cakes. 2,037,483; Apr. 14.
- Paschke, Herbert. (See Wenrich, C. N., Paschke, and Vogt.)
- Pascoe, George. (See Pioch, W. F., and Pascoe.)
- Pascoe, Alex., New York, N. Y. Door and hood locking mechanism for automobiles. 2,053,681; Sept. 8.
- Paseka, William. (See Horsky, M., and Paseka.)
- Pasholian, Harry G., Worcester, Mass. Paper clips. 2,040,443; May 12.
- Pasinski, Walter J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Power operated typewriter. 2,043,393; June 9.
- Pasinski, Walter J., Howell, assignor to Burroughs Adding Machine Company, Detroit, Mich. Cash machine. 2,050,065; Aug. 4.
- Pasinski, Walter J., Howell, assignor to Burroughs Adding Machine Company, Detroit, Mich. Cash machine. 2,064,562; Dec. 15.
- Pasman, Abram N., Milford, Conn. Sink strainer for drain openings and the like. 2,038,852; Apr. 28.
- Pasman, Abram N., assignor to Scovill Manufacturing Company, Waterbury, Conn. Flush valve. 2,039,109; Apr. 28.
- Pasman, Abram N., Milford, Conn. Curtain rod construction. 2,062,474; Dec. 1.
- Pass, Sam. (See Levi, Julius, assignor.)
- Pass & Seymour, Inc. (See Despard, Victor R., assignor.)
- Pass & Seymour, Inc. (See Russell, Mark N., assignor.)
- Passar, Vincent, assignor to Columbia Appliance Corporation, New York, N. Y. Dry cleaning apparatus. 2,053,103; Sept. 1.
- Passek, George C., Hellertown, Pa. Adjustable clamp device for rope and the like. 2,066,049; Dec. 29.
- Passmore, Charles E., Long Beach, N. Y. Shelving for refrigerators. 2,051,271; Aug. 18.
- Pastac, Isaac, Versailles, France. Selective destruction of weeds. 2,054,509; Sept. 15.
- Pasternack, Richard, Brooklyn, and W. R. Giles, Richmond Hill, assignors to Charles Pfizer Company, Brooklyn, N. Y. Preparing the reaction product of hydrated aluminum oxide and gluconic acid. 2,042,019; May 26.
- Pastore, John B., New York, N. Y. Measuring apparatus. 2,033,646; Mar. 10.



- Patarsini, Medio A., Wareham, assignor to Atlas Track Corporation, Fairhaven, Mass. Edge gauge mechanism. 2,058,387; Oct. 20.
- Patch, Earl S., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Lubricating element. 2,051,458; Aug. 18.
- Patche, Clinton J., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Telephone coin collector. 2,048,810; July 28.
- Patchen, Arthur D., assignor to Scovill Manufacturing Company, Waterbury, Conn. Separable fastener. 2,039,110; Apr. 28.
- Patchogue-Plymouth Mills Corporation. (See Geller, Hugo, assignor.)
- Patchogue-Plymouth Mills Corporation. (See McLean, Charles E., assignor.)
- Patco, Inc. (See de Ybarrodo, Vincent C., assignor.)
- Patco, Inc. (See Koppl, Ernest, assignor.)
- Pate, Robert L., Jr., Pittsburg, Kans. Automatic lubricating mechanism. 2,030,533; Feb. 11.
- Patek, John M., Milwaukee, Wis. Apparatus and process for separating slime and sand suspensions. 2,047,798; July 14.
- Patek, John M., Milwaukee, Wis. Froth flotation machine. 2,063,751; Dec. 8.
- Patent Button Company, The. (See Abel, Walter T., assignor.)
- Patent Button Company, The. (See Purinton, F. G., and Zwiebel, assignors.)
- Patent Button Company, The. (See Zwiebel, William A., assignor.)
- Patent Developers, Inc. (See Thornton, Ray, assignor.)
- Patent Development Company Limited. (See Work, Ernest W., assignor.)
- Patent Engineering Corporation. (See Rockwell, Edward A., assignor.)
- Patent Finance Corporation. (See Wilhelm, Warner F., assignor.)
- Patent Holdings Proprietary Limited. (See Powell, R. A., and Newton, assignors.)
- Patent and Licensing Corporation, The. (See Cady, Walter H., assignor.)
- Patent and Licensing Corporation, The. (See Caton, Maurice L., assignor.)
- Patent and Licensing Corporation, The. (See Clapp, Albert L., assignor.)
- Patent and Licensing Corporation, The. (See Dudleston, William G., assignor.)
- Patent and Licensing Corporation, The. (See Fain, Jacob M., assignor.)
- Patent and Licensing Corporation, The. (See Kirschbraun, Lester, assignor.)
- Patent and Licensing Corporation, The. (See Miscall, Jack, assignor.)
- Patent and Licensing Corporation, The. (See Plunkett, John H., assignor.)
- Patent and Licensing Corporation, The. (See Stark, G. R., and Main, assignors.)
- Patent and Licensing Corporation, The. (See Van Hulst, Jan, assignor.)
- Patent Purchasing Company. (See Tryon, William A., assignor.)
- Patent Securities Corporation. (See Tompkins, James G., assignor.)
- Patentaktiebolaget Gröndal-Ramen. (See Haglund, Gustaf, assignor.)
- Patents Incorporated. (See Swan, Harry, assignor.)
- Patents Research Corporation. (See Wanamaker, E. and Allgeo, assignors.)
- Patera, Eddie, Orient, Iowa. Conveyer belt protector for grain harvesters. 2,052,360; Aug. 25.
- Patera, Eddie, Orient, Iowa. Harvesting machine guard protector. 2,065,729; Dec. 29.
- Paterson, Alexander, Buffalo, N. Y. Backing roll for sheet or pack rolling mills. 2,040,400; May 12.
- Paterson, Alexander, Buffalo, N. Y. Break-down mill. 2,058,717; Oct. 27.
- Paterson Parchment Paper Company. (See Bennett, Clarence G., assignor.)
- Paterson, William, London, England. Improved filtering apparatus and method. 2,053,628; Sept. 8.
- Pathescope Limited. (See Newman, Arthur S., assignor.)
- Patock, Charles, assignor of one-third to F. E. Hummel, Chicago, Ill. Spark plug. 2,044,325; June 16.
- Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Fan. 2,032,224; Feb. 25.
- Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Window operator. 2,034,202; Mar. 17.
- Paton, Clyde R., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,045,870; June 30.
- Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,051,571; Aug. 18.
- Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,062,475; Dec. 1.
- Patrick, Joseph C., Trenton, N. J. Resilient article and making the same. 2,049,974; Aug. 4.
- Patriquen, Andrew O. (See Simms, L. W., and Patriquen.)
- Patrol Valve Company, The. (See Marvin, John. T., assignor.)
- Patrol Valve Company, The. (See Te Pas, Edmund J., assignor.)
- Patt, Sylvester, Willoughby, Ohio. Sauce making machine. 2,036,094; Mar. 31.
- Pattee, John R., Long Island City, N. Y. Electrical measuring instrument. 2,057,845; Oct. 20.
- Patten, Nora Q., Venice, Calif. Shoulder-strap retaining device. 2,049,660; Aug. 4.
- Patten Package Company. (See Patten, Wellington F., assignor.)
- Patten, Thomas C., Tyler, Tex. Rotary drilling machine. 2,031,731; Feb. 25.
- Patten, Wellington F., assignor to Patten Package Company, Inc., Calypso, N. C. Basket. 2,064,493; Dec. 15.
- Patterson, Alex R., Dallas, Tex. Stone cutting or breaking machine. 2,053,043; Sept. 1.
- Patterson, Charley T., Springfield, Mo. Chick box. 2,041,949; May 26.
- Patterson, Edgar W., assignor of one-half to M. D. Patterson, Long Beach, and one-half to C. M. O'Leary, Jr., Los Angeles, Calif. Fluid lift pump. 2,038,441; Apr. 21.
- Patterson, Edgar W., Long Beach, assignor, by mesne assignments, of one-half to C. M. O'Leary, Hollywood, and one-half to M. D. Patterson, Long Beach, Calif. Well pump operating mechanism. 2,049,315; July 28.
- Patterson, Edward B., Merchantville, N. J., assignor to Radio Corporation of America. Projection of moving pictures. 2,066,158; Dec. 29.
- Patterson, Franklin M. (See Rohlin, V. A., and Patterson.)
- Patterson, George A., Buffalo, assignor to National Aniline and Chemical Company, New York, N. Y. Electrically heated apparatus and method of operating. 2,052,649; Sept. 1.
- Patterson, Glenn A., assignor to Crane Co., Chicago, Ill. Valve construction for radiators. 2,054,711; Sept. 15.
- Patterson, Glenn A., Chicago, and R. Martin, Cicero, assignors to Crane Co., Chicago, Ill. Power pump head. 2,038,125; Apr. 21.
- Patterson, Gordon D., and J. H. Peterson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical compositions and mixing the same. 2,047,220; July 14.
- Patterson, Herbert F., assignor to Chrysler Corporation, Detroit, Mich. Driving mechanism. 2,029,118; Jan. 28.
- Patterson, Herbert F., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Braking device. 2,052,054; Aug. 25.
- Patterson, Herbert F., assignor to Chrysler Corporation, Detroit, Mich. Motor vehicle power transmission. 2,055,803; Sept. 22.
- Patterson, James M., Waban, Mass. Vulcanizing pad. 2,039,258; Apr. 28.
- Patterson, John S., Madeira, assignor to The American Laundry Machinery Company, Norwood, Ohio. Combination pressing machine and drying means. 2,043,332; June 9.
- Patterson, John S., Madeira, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Pressing machine. 2,050,627; Aug. 11.
- Patterson, Joseph C., Jr., Washington, D. C. Overhauling hoist. 2,042,480; June 2.
- Patterson, Joseph C., Washington, D. C. Device for paying out a hoisting line. 2,042,481; June 2.
- Patterson, Lewis P., Los Angeles, Calif. Sleep inhibitor. 2,054,484; Sept. 15.
- Patterson, Margaret D., et al. (See Patterson, Edgar W., assignor.)
- Patterson, Ples, assignor to E. Rauh, Dayton, Ohio. Hydraulic mechanism. 2,061,670; Nov. 24.
- Patterson, Robert W. (See Schenck, J. F., Jr., and Patterson.)
- Patterson, Ward W., Webster Groves, Mo. Outdoor sign. 2,054,230; Sept. 15.
- Patterson, William M., Fairland, Ind., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Photosensitive tube. 2,060,524; Nov. 10.
- Patterson, William O., Oklahoma City, Okla. Bottom hole tubing anchor. 2,046,479; July 7.
- Pattillo, William B., Chicago, Ill. Price ticket clip. 2,064,849; Dec. 22.
- Pattilloch, Donald K. and I. B., assignors to Pattilloch Processes, Inc., Boston, Mass. Making paper. 2,036,882; Apr. 7.
- Pattilloch, Isabelle B. (See Pattilloch, Donald K. and I. B.)
- Pattilloch Processes, Inc. (See Pattilloch, Donald K. and I. B., assignors.)
- Pattman, William E., Olton, assignor to Bakelite Limited, London, England. Molded electrical insulating parts. 2,036,825; Apr. 7.
- Patton, Arthur L., Oroville, Calif. Electrical ciphering and deciphering device. 2,055,702; Sept. 29.
- Patton, Cleon E., assignor of one-half to W. Carlson, Portland, Oreg. Choke valve controls for multicylindered internal combustion engines. 2,031,902; Feb. 25.
- Patton, M. S. (See Novak, William J., assignor.)
- Patz, William, New York, N. Y. Detecting apparatus. 2,057,737; Oct. 20.
- Patzig, Alfred, Russelsheim-on-the-Main, Germany, assignor to General Motors Corporation, Detroit, Mich. Torsion rod fastening. 2,058,618; Oct. 27.



- Pätzold, Johannes, Berlin-Charlottenburg, and H. Böhm, Berlin, assignors, by mesne assignments, to Siemens-Reiniger-Werke, Aktiengesellschaft, Erlangen, Germany. Apparatus for electromedical treatment. 2,044,257; June 16.
- Paugh, James J., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Spot welding gun. 2,037,040; Apr. 14.
- Paul, John E., Newark, N. J., assignor to United States Radium Corporation, New York, N. Y. Making self-luminous element. 2,028,241; Jan. 21.
- Paul, Julius, assignor of one-half to R. M. Sellwood, Duluth, Minn. Deep well pump. 2,038,674; Apr. 28.
- Paul, Leon R., Brooklyn, N. Y. Swivel sign pouring closure. 2,041,724; May 26.
- Paul, Leon R., Brooklyn, assignor to Dalynip Pourer Corp., New York, N. Y. Liquid dispensing device for bottles. 2,039,658; May 5.
- Paul, Leon R., Brooklyn, and S. E. Witt, assignors of one-third to I. Jaworski, New York, N. Y. Game toy. 2,047,744; July 14.
- Paul, M. J. (See Hess, E. C., and E.)
- Paul, Max, and W. Gyr, assignor of one-third to P. M. Miles, Stockton, Calif. Fluid control valve for vacuum brake systems. 2,031,061; Feb. 18.
- Paul, Ralph H., Capel Grange Farm, Five Oak Green, England. Game scorer. 2,058,496; Oct. 27.
- Pauli, William, Sacramento, Calif. Clothesline. 2,056,481; Oct. 6.
- Pauli, Archibald W., assignor to Wheeling Stamping Company, Wheeling, W. Va. Manufacture of Collapsible tubes. 2,052,191; Aug. 25.
- Pauli, Archibald W., and W. T. Davis, assignors to Wheeling Stamping Company, Wheeling, W. Va. Manufacture of collapsible tubes. 2,048,138; July 21.
- Pauli, James S., et al. (See Ice, James N., assignor.)
- Pauli, Samuel O., assignor to Eagle Manufacturing Company, Wellsburg, W. Va. Hand oiler. 2,055,045; Sept. 22.
- Pauli, Samuel O., assignor to Eagle Manufacturing Company, Wellsburg, W. Va. Hand oiler. 2,061,476; Nov. 17.
- Paulsboro Manufacturing Company. (See Jackson, James J., assignor.)
- Paulsen, Jean F., et al. (See Banister, Xenia, assignor.)
- Paulsen, Jean F., Viroflay, and N. Strachovsky, Paris, France. Resilient transmission disk. 2,046,208; June 30.
- Paulson, George, assignor of one-third to G. J. Miller, Erie, Pa. Automatic control system for automobile lights. 2,029,502; Feb. 4.
- Paulson, George M., assignor to The B. G. Corporation, New York, N. Y. Spark plug. 2,047,031; July 7.
- Paulson, Nils I., assignor to Halsam Products Company, Ill. Toy building construction. 2,059,598; Nov. 3.
- Paulson, Peter A., Appleton, Wis. Wood pulp making. 2,047,488; July 14.
- Paulus, Max G., and A. E. Thompson, Casper, Wyo., assignors to Standard Oil Company, Whiting, Ind. Distillation of hydrocarbon oils. 2,039,979; May 5.
- Paulus, Nikolaus, Brooklyn, N. Y. Adjustable window seat. 2,053,104; Sept. 1.
- Paulus, William, assignor to Trico Products Corporation, Buffalo, N. Y. Housing for valves or other chambers. 2,055,445; Sept. 22.
- Paulus, William, assignor to Trico Products Corporation, Buffalo, N. Y. Wiper blade. 2,059,484; Nov. 3.
- Pavek, Edward, Minneapolis, Minn. Metal fence post. 2,029,739; Feb. 4.
- Pavek, Edward, Minneapolis, Minn. Mop wringing apparatus. 2,049,619; Aug. 4.
- Pavelka, Joseph. (See Pavelka, Joseph, Jr., assignor.)
- Pavelka, Joseph, Jr., St. Louis, assignor to Joseph Pavelka, Richmond Heights, Mo. Electric toaster. 2,049,717; Aug. 4.
- Pavia, Luigi, Allentown, Pa. Shuttle. 2,040,670; May 12.
- Pavia, Luigi, Allentown, Pa. Quill. 2,048,619; July 21.
- Pavlick, Emil, Highland Park, Mich. Stand. 2,056,311; Oct. 6.
- Paxton, Burton, Chicago, Ill., assignor to Chicago Hydraulic Oil Co. Hydraulic pressure fluid. 2,060,110; Nov. 10.
- Paxton, Carl H., Orange, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Box moving mechanism. 2,062,525; Dec. 1.
- Paxton Credit Corporation. (See Paxton, Hale, assignor.)
- Paxton, Dewey, Trinidad, Colo., assignor to Edward Rosslyn, Los Angeles, Calif. Testing machine. 2,057,968; Oct. 20.
- Paxton, Gerald C., Santa Ana, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Box switching unit. 2,062,604; Dec. 1.
- Paxton, Hale, Redlands, assignor to Paxton Credit Corporation, Sanger, Calif. Chuck shifting mechanism and slit feeding mechanism for lidding machines. 2,037,817; Apr. 21.
- Paxton, Hale, Redlands, assignor to Paxton Credit Corporation, Sanger, Calif. Box segregator and stacker. 2,038,758; Apr. 28.
- Paxton, Hale, assignor to Paxton Credit Corporation, Santa Ana, Calif. Clean-out. 2,050,501; Aug. 11.
- Paxton, Hale, assignor to Paxton Credit Corporation, Santa Ana, Calif. Clean-out mechanism. 2,053,493; Sept. 8.
- Paxton, Hale, assignor to Paxton Credit Corporation, Santa Ana, Calif. Clean-out for fruit treating machines. 2,054,440; Sept. 15.
- Paxton, Robert, Lansdowne, G. M. Reed, Yeadon, and C. H. Hill, Drexel Hill, Pa., assignors to General Electric Company. Metal enclosed switchgear. 2,043,113; June 2.
- Payes, Helen, L., and S., New York, N. Y. Eyelash comb and curler. 2,035,667; Mar. 31.
- Payes, Leonard. (See Payes, Helen, L., and S.)
- Payes, Sadie. (See Payes, Helen, L., and S.)
- Payette, Joseph A., Attleboro, assignor to General Plate Company, Attleboro, Mass. Pen point. 2,033,783; Mar. 10.
- Payette, Paul, Outremont, Quebec, Canada. End gate for vehicles. 2,045,489; June 23.
- Payne, Alfred, Jr., Toronto, Ontario, Canada. Egg carton. 2,037,818; Apr. 21.
- Payne, Clarence A. and F. L., Englewood, Colo. Cubing machine. 2,059,486; Nov. 3.
- Payne, Clarence Q., Shippan Point, Stamford, Conn. Method and apparatus for roasting and heat treating ores and minerals. 2,039,833; May 5.
- Payne, Clarence Q., Stamford, Conn. Apparatus for magnetic separation. 2,045,098; June 23.
- Payne, Claron R. (See Duecker, W. W., and Payne.)
- Payne, Claron R. (See Stevens, D. R., and Payne.)
- Payne, Donald E., assignor to Standard Oil Company, Chicago, Ill. Dewaxing. 2,026,651; Jan. 7.
- Payne, Ernest J., Dallas, Tex. Ventilator. 2,044,098; June 16.
- Payne, Francis J. (See Madge, E. W., Murphy, and Payne.)
- Payne, Frank E. (See Howland, E. G., and Payne.)
- Payne, Frank E., Winnetka, and A. J. Matter, Park Ridge, assignor to Crane Packing Company, Chicago, Ill. Jointed structure. 2,037,736; Apr. 21.
- Payne, Frank L. (See Payne, Clarence A. and F. L., assignors.)
- Payne, James M. (See Curtin, L. P., and Payne.)
- Payne, Lambert M., Detroit, Mich. Internal combustion engine. 2,052,313; Aug. 25.
- Payne, Lee E., Clinton, Okla. Adjustable outside support for shoe repairing. 2,061,206; Nov. 17.
- Payne, Oscar D., Fort Worth, Tex. Airplane. 2,063,005; Dec. 1.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Side slipping electrically indicating weft detector. 2,033,001; Mar. 3.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Reversible side slipping weft detector. 2,033,002; Mar. 3.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Locking side slipping weft detector. 2,033,003; Mar. 3.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Feeler tip for weft detectors. 2,045,960; June 30.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom shuttle. 2,045,961; June 30.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Grid type weft detector tip. 2,049,590; Aug. 4.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Convertible weft detector. 2,050,066; Aug. 4.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread holder for looms. 2,057,392; Oct. 13.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Let-off. 2,062,725; Dec. 1.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electromechanical loom stopping mechanism. 2,065,730; Dec. 29.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electric warp stop motion for terry towel looms. 2,065,731; Dec. 29.
- Payne, Percy C., St. Louis, Mo. Book holder and marker. 2,026,796; Jan. 7.
- Payne, Ralph V., Washington, D. C. Hoisting tower. 2,066,221; Dec. 29.
- Payne, Thomas F., Cincinnati, Ohio. Flushing valve. 2,061,084; Nov. 17.
- Payne, William H., and F. R. Proper, Kansas City, Mo. Ice cream machine. 2,059,485; Nov. 3.
- Payne, William H., assignor to The American Rolling Mill Company, Middletown, Ohio. Rolling mill roll, making same, and product of such roll. 2,030,891; Feb. 18.
- Payson, Arthur H. (See Payson, A. E., and A. H., and Duevel.)
- Payson, Aurin E., Norwichtown, and A. H. Payson and C. O. Duevel, Jr., assignors to The American Thermos Bottle Company, Norwich, Conn. Double-walled vacuum receptacle. 2,058,969; Oct. 20.
- Payson, Peter, assignor to Crucible Steel Company of America, New York, N. Y. Heat treated alloy steel. 2,051,415; Aug. 18.
- Payzant, Henry H., assignor to General Timber Service, Inc., St. Paul, Minn. Printing device for lumber. 2,027,347; Jan. 7.
- Payzer, Stanley D., and C. E. Staky, assignors to D. J. Murray Manufacturing Co., Wausau, Wis. Grease trap. 2,057,203; Oct. 13.



- Peabody, Alexander M. (See Murphy, J. E., Schmitz and Peabody.)
- Peabody, Charles G., and R. W. Roberts, Portland, Oreg. Automatic parking brake. 2,031,062; Feb. 18.
- Peabody Coal Company. (See Lee, Carl, assignor.)
- Peabody Engineering Corporation. (See Peabody, E. H., and Martin, assignors.)
- Peabody Engineering Corporation. (See Vroom, R. C., and Peterson, assignors.)
- Peabody, Ernest H., New York, and W. H. Martin, Mount Vernon, assignors to Peabody Engineering Corporation, New York, N. Y. Method and apparatus for the regulation of viscosity of liquids. 2,042,860; June 2.
- Peace, Cameron A., et al. (See Wincote, Charles B., assignor.)
- Peace, William, West Hartford, Conn. Strike plate. 2,065,732; Dec. 29.
- Peacock Brothers Limited, et al. (See Gibson, Robert, assignor.)
- Peacock, John W., assignor to The Peacock Special Machine & Drilling Company, Paola, Kans. Drilling machine. 2,056,206; Oct. 6.
- Peacock Special Machine & Drilling Company, The. (See Peacock, John W., assignor.)
- Peadar, William H., W. H. Horster, and A. O'Dell, Tulsa, Okla., assignors to Tire Tools, Inc. Spreader for tire casings and the like. 2,058,100; Oct. 20.
- Peake, Edward S., East Columbus, Ohio. Paper cap ammunition for toy pistols. 2,027,117; Jan. 7.
- Peake, Edward S., assignor to The Kilgore Mfg. Company, Westerville, Ohio. Toy pistol. 2,046,652; July 7.
- Peakes, Gilbert L. (See Rossi, L. M., and Peakes.)
- Peale-Davis Company. (See Davis, Kenneth, assignor.)
- Peale-Davis Company. (See Peale, Rembrandt, Jr.)
- Peale, Rembrandt, Jr., St. Benedict, Pa., assignor, by mesne assignments, to Peale-Davis Company, Wilmington, Del. Purifying coal or the like. 2,038,126; Apr. 21.
- Pealer, Robert B., assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Pipe support. 2,055,908; Sept. 29.
- Pealer, Robert B., assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Pipe cutting machine. 2,055,909; Sept. 29.
- Pearce, Arthur G., Middlesex, England, assignor to General Electric Company. Manufacture of electric discharge tubes. 2,030,392; Feb. 11.
- Pearce, Cecil E., Pasadena, Calif., assignor to the city of Pasadena. Hydraulic gate structure. 2,054,992; Sept. 22.
- Pearce, Charles F., Jr. (See Perlesz, H., and Pearce.)
- Pearce, Edwin S., assignor to Railway Service and Supply Corporation, Indianapolis, Ind. Waste reclamation process. 2,055,943; Sept. 29.
- Pearce, George C. (See Elberty, R. S., and Pearce.)
- Pearce, George C., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,041,511; May 19.
- Pearce, Herbert P., London, England. Rainwater trap. 2,030,467; Feb. 11.
- Pearce, John W. B., and J. B. Raviolo, said Raviolo assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Universal joint. 2,032,496; Mar. 3.
- Pearce, Leo J., assignor of one-half to L. M. Chambers, Olathe, Kans. Highway construction. 2,044,498; June 16.
- Pearce, Lewis C., assignor to The Standard Envelope Manufacturing Company, Cleveland, Ohio. Envelope machine. 2,045,490; June 23.
- Pearce, Margaret E., Monkton, Md. Waterless ice bag. 2,049,220; July 28.
- Pearce, W. L. (See Church, Walter L., assignor.)
- Pearce, Walter H., assignor to The Brown Instrument Company, Philadelphia, Pa. Instrument casing. 2,065,289; Dec. 22.
- Pearce, William H., Cincinnati, Ohio. Impregnated sleeving. 2,034,352; Mar. 17.
- Peard, William L. (See Gabriel, L. G., Blott, Peard, Firmin, Meunier and van der Minne.)
- Pearl, Frank E., Neenah, assignor to Durant Manufacturing Co., Milwaukee, Wis. Soap ejecting spray head. 2,028,242; Jan. 21.
- Pearl, Herman H., Garden City, N. Y. Utensil cover. 2,026,700; Jan. 7.
- Pearl, Herman H., Floral Park, N. Y. Utensil cover. 2,026,701; Jan. 7.
- Pearl, Herman H., Floral Park, N. Y. Culinary vessel and the like. 2,045,248; June 23.
- Pearl, John W., Yeadon, Pa., assignor to The Barrett Company, New York, N. Y. Apparatus for saturating absorbent sheet material. 2,040,529; May 12.
- Pearlman, Harry, et al. (See Brody, Solomon, assignor.)
- Pearmain, William J., assignor to Twin Disc Clutch Company, Racine, Wis. Clutch mechanism. 2,052,650; Sept. 1.
- Pearmain, William J., assignor to Twin Disc Clutch Company, Racine, Wis. Reversing mechanism. 2,052,651; Sept. 1.
- Pearmain, William J., assignor to Twin Disc Clutch Company, Racine, Wis. Clutch. 2,060,379; Nov. 10.
- Pearmain, William J., assignor to Twin Disc Clutch Company, Racine, Wis. Clutch. 2,060,773; Nov. 10.
- Pearson, Arthur, Burley, Idaho. Moss rake for canals. 2,065,733; Dec. 29.
- Pearson, Charles L., assignor to Master Metal Products, Inc., Buffalo, N. Y. Camp stove and the like. 2,053,577; Sept. 8.
- Pearson, Elizabeth B. (See Pearson, W. J., and Brown, assignors.)
- Pearson, Erick, Minneapolis, Minn. System for the remote operation of power plants. 2,026,593; Jan. 7.
- Pearson, Erick, Chicago, Ill. System for the remote operation of power plants. 2,050,373; Aug. 11.
- Pearson, Frederick A., Great Barrington, Mass. Humidostat. 2,046,480; July 7.
- Pearson, Gustav C., assignor to Gardner-Denver Company, Denver, Colo. Drill sharpener. 2,050,730; Aug. 11.
- Pearson, Homer L. (See Lavitt, A. R., and Pearson.)
- Pearson, Howard B., N. J. England, and J. A. Madden, San Francisco, Calif. Towing lift. 2,045,793; June 30.
- Pearson, John L. (See Nonhebel, G., Pearson, and Learmonth.)
- Pearson, Lawrence J., Wyncote, assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Treating wood surfaces for photographic reproduction thereof. 2,050,118; Aug. 4.
- Pearson, Norman W., Hatboro, Pa. Brake. 2,042,624; June 2.
- Pearson, Paul A., New York N. Y. Window cleaning device. 2,032,498; Mar. 3.
- Pearson, Pierce M. (See Huebsch, M. F., and Pearson.)
- Pearson, Richard E., assignor to The D. & B. Electrical Company Limited, London, England. Electrical storage battery. 2,033,587; Mar. 10.
- Pearson, Robert E., Jr., Yonkers, and H. F. Herman, Chappaqua, N. Y. Electric clock. 2,062,476; Dec. 1.
- Pearson, Roger, Farnsworth, Tex. Furrow attachment for gang plows. 2,035,616; Mar. 31.
- Pearson, Roy S., Clarinda, Iowa. Safety razor blade shield. 2,049,718; Aug. 4.
- Pearson, William J., Los Angeles, Calif. Parcel post weighing and stamp printing machine. 2,036,538; Apr. 7.
- Pearson, William J., Los Angeles, Calif., assignor to Postal Automatic Machines, Inc. Zero-setting device. 2,044,756; June 16.
- Pearson, William J., and T. I. Brown, Los Angeles, Calif., assignors to E. B. Pearson, Los Angeles, Calif. Overthrow mechanism. 2,035,715; Mar. 31.
- Pearson, William J., and T. I. Brown, Los Angeles, Calif., assignors to Postal Automatic Machines, Inc. Multidenominational stamp printing and value metering machine. 2,044,755; June 16.
- Pease, Benjamin F., Silver Lake, Ohio. Hypogastric supporter. 2,030,224; Feb. 11.
- Pease, Cyril, et al., executors. (See Pease, Edward L.)
- Pease, Edward L., deceased, Durham, England, M. L. Pease, C. Pease, and R. Pease, executors, assignors to Doherty Research Company, New York, N. Y. Waterless gas holder with cable-guided piston. 2,050,459; Aug. 11.
- Pease, Fred A., Cleveland Heights, Ohio. Road making. 2,039,026; Apr. 28.
- Pease, Fred F., Squantum, assignor to Lever Brothers Company, Cambridge, Mass. Apparatus for treating plastic materials. 2,048,286; July 21.
- Pease, Frederick J., Wauwatosa, assignor to Clum Manufacturing Company, Milwaukee, Wis. Storage battery charge indicator. 2,030,651; Feb. 11.
- Pease, Herbert D. (See Sodergreen, Axel L., assignor.)
- Pease, Isaac M., Cincinnati, Ohio, assignor to The Ohio Truss Company. Umbilical truss. 2,062,143; Nov. 24.
- Pease, James N. (See Cowgill, W. W., and Pease.)
- Pease, Michael L., et al., executors. (See Pease, Edward L.)
- Pease, Robert, et al., executors. (See Pease, Edward L.)
- Pease, Wendell. (See Brown, Allen L., assignor.)
- Peaslee, Willetts, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Machine tool. 2,033,395; Mar. 10.
- Peaslee, Willetts, and L. F. Nenninger, Cincinnati, and E. G. Roehm, Norwood, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,065,151; Dec. 22.
- Peat, Arthur R., Maplewood, assignor to Marion Lambert, Inc., St. Louis, Mo. Liquid applicator. 2,034,416; Mar. 17.
- Peavey, Joseph L., Meridian, Miss. Glare shield. 2,055,386; Sept. 22.
- Pechstein, Walter, assignor to the firm Aug. Klonne, Dortmund, Germany. Gasholder of the waterless type. 2,060,591; Nov. 10.
- Pechy, William, Elizabeth, N. J., assignor to American Can Company, New York, N. Y. Method and apparatus for sorting strip stock. 2,047,221; July 14.
- Peck, Edward B., Mannheim, Germany, assignor to Standard Oil Development Company. Waterproofing composition. 2,058,821; Oct. 27.
- Peck, Ferdinand W. (See Foobey, W. L., and Peck.)
- Peck, Ferdinand W., Penns Grove, N. J., and J. H. Sachs, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of benzantrones. 2,034,485; Mar. 17.
- Peck, Ferdinand W., Penns Grove, N. J., and R. J. Sobatzki, Carrollville, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Halogenating N-dihydro-1:2:2':1'-anthraquinone azines. 2,061,249; Nov. 17.
- Peck, Lloyd Z. (See Misiak, John, Jr., assignor.)
- Peck, Percy D., and A. L. Lloyd, assignors to Knapp Brothers Manufacturing Company, Joliet, Ill. Metallic baseboard construction. 2,052,033; Aug. 25.



- Peck, Percy D., and A. L. Lloyd, assignors to Knapp Brothers Manufacturing Company, Joliet, Ill. Metallic baseboard construction. 2,057,204; Oct. 13.
- Peck, William H., Scarsdale, N. Y. Television system. 2,045,921; June 30.
- Peck, William W., Muncie, Ind. Stoker drive. 2,062,477; Dec. 1.
- Pecker, Joseph S., assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft with rotary sustaining wings. 2,037,433; Apr. 14.
- Pecker, Joseph S., Philadelphia, assignor to Autogiro Company of America, Willow Grove, Pa. Aircraft with aerodynamically rotatable wings. 2,045,051; June 23.
- Pecker, Joseph S., Philadelphia, Pa., assignor to American Centrifugal Corporation, New York, N. Y. Centrifugal separating machine. 2,056,885; Oct. 6.
- Pecker, Joseph S., Philadelphia, Pa., assignor to American Centrifugal Corporation, New York, N. Y. Centrifugal separating machine and treating sewage and other sludges. 2,056,886; Oct. 6.
- Pecker, Joseph S., Philadelphia, Pa., assignor to American Centrifugal Corporation, New York, N. Y. Centrifugal separating machine. 2,056,887; Oct. 6.
- Pecker, Joseph S., Philadelphia, Pa., assignor to American Centrifugal Corporation, New York, N. Y. Centrifugal separating machine. 2,056,888; Oct. 6.
- Pecker, Joseph S., Philadelphia, Pa., assignor to American Centrifugal Corporation, New York, N. Y. Centrifugal separating machine. 2,056,889; Oct. 6.
- Pecker, Joseph S., Philadelphia, Pa., assignor to American Centrifugal Corporation, New York, N. Y. Centrifugal separating machine. 2,056,890; Oct. 6.
- Pecker, Joseph S., Philadelphia, Pa., assignor to American Centrifugal Corporation, New York, N. Y. Centrifugal separating machine. 2,056,891; Oct. 6.
- Pecker, Joseph S., Philadelphia, Pa., assignor to American Centrifugal Corporation, New York, N. Y. Centrifugal separating machine. 2,058,497; Oct. 27.
- Peckham, G. G. G. (See Hunt, Wayne C., assignor.)
- Peckham, George C. (See Harmon, Wayne A. S., assignor.)
- Pecknold, Cecil E., Vancouver, British Columbia, Canada. Sanitary girdle. 2,028,007; Jan. 14.
- Pecknold, Cecil E., Vancouver, British Columbia, Canada. Sanitary girdle. 2,039,446; May 5.
- Peco Manufacturing Corporation. (See Errig, W. F., and Pfundt, assignors.)
- Peddie, Fred, W. C. Bentley, and S. N. Israel, Newark, N. J. Tooth paste dispensing device. 2,059,391; Nov. 3.
- Pédemonte, Alexandre, Alger, Algeria. Differential speed changing gear. 2,030,761; Feb. 11.
- Pedersen, Charles J. (See Clarkson, R. G., and Pedersen.)
- Pedersen, Dines C., Holbek, Denmark. Two-wheeled motor-driven roto-tiller. 2,049,661; Aug. 4.
- Pedersen, Niels, Overbrook Hills, Pa. Revolving door. 2,053,875; Sept. 8.
- Pedersen, Oscar F., assignor to Phoenix Metal Cap Company, Inc., Chicago, Ill. Safety hopper. 2,063,019; Dec. 22.
- Pedersen, Peder, Chicago, Ill. Propeller. 2,036,491; Apr. 7.
- Pederson, Edwin, trustee. (See Adams, Royal E., assignor.)
- Pederson, John P., Chicago, Ill., assignor to W. F. Hall Printing Company. Apparatus for applying adhesive. 2,044,365; June 16.
- Pederson, Paul C., Duluth, Minn. Heating appliance. 2,058,254; Oct. 20.
- Pedery, Joseph, New York, N. Y. Tobacco pipe. 2,038,194; Apr. 21.
- Pedigo, Luther T., Greensburg, Kans. Disk rolling machine. 2,054,712; Sept. 15.
- Pedler, Harry, & Co. Inc. (See Pedler, Thomas H., assignor.)
- Pedler, Harry W., assignor to Harry Pedler & Co., Inc., Elkhart, Ind. Reed musical instrument. 2,036,492; Apr. 7.
- Pedler, Thomas H., assignor to Harry Pedler & Co., Inc., Elkhart, Ind. Tuning joint for musical instruments. 2,036,356; Apr. 7.
- Peebles, David D. (See Manning, P. D. V., Peebles, and Potbury.)
- Peebles, David D., Eureka, assignor to Western Condensing Company, San Francisco, Calif. Casein manufacturing process. 2,034,056; Mar. 17.
- Peebles, David D., Eureka, assignor to Western Condensing Company, San Francisco, Calif. Method and apparatus for drying liquid containing materials. 2,054,441; Sept. 15.
- Peek, Frank H., Jackson, Mich. Hay drier. 2,035,716; Mar. 31.
- Peek, Robert L. (See Simcox, I. J., and Peek.)
- Peelle Company, The. (See Peelle, Robert S., assignor.)
- Peelle, Robert S., Hollis, assignor to The Peelle Company, Brooklyn, N. Y. Operator for elevator gates. 2,048,514; July 21.
- Peeples, Louis H., Overton, Tex. Spring holding attachment for automobiles. 2,050,543; Aug. 11.
- Peerless Ice Machine Company. (See Hoesel, Anthony F., assignor.)
- Peerless Ice Machine Company. (See Kritzer, R. W., and Hoesel, assignors.)
- Peerless Machinery Company, The. (See Glines, Frederick S., assignor.)
- Peerless Machinery Company, The. (See Spry, William M., assignor.)
- Peerless Machinery Company, The. (See Steiner, Bernard S., assignor.)
- Peerless Manufacturing Corporation. (See Fereday, Frederick T., assignor.)
- Peerless Manufacturing Corporation. (See Lukemeier, William F., assignor.)
- Peerless Springs, Incorporated. (See Gilmore, Chace D., assignor.)
- Peffley, William H., Dayton, Ohio. Sectional ball puzzle. 2,034,830; Mar. 24.
- Pegler, Joseph L. (See Pegler, Walter, assignor.)
- Pegler, Walter, Parramatta, assignor to J. L. Pegler, Bee-croft, New South Wales, Australia. Producing nonshatterable glass. 2,030,607; Feb. 11.
- Pehl, Andrew J., Seattle, Wash. Multiple speed bicycle. 2,042,861; June 2.
- Pehrson, Alfred K., Bellevue, assignor, by mesne assignments, to Koppel Industrial Car and Equipment Company, McKees Rocks, Pa. Dump car. 2,062,526; Dec. 1.
- Peiffer, Robert, Myerstown, Pa., assignor to S. Liebovitz & Sons, Inc., New York, N. Y. Shirt insert board. 2,057,110; Oct. 13.
- Peik, Paul G., Chicago, Ill., assignor to The Halsey W. Taylor Company, Warren, Ohio. Muffler. 2,059,487; Nov. 3.
- Peiler, Karl E., and D. K. Morgan, West Hartford, assignors to Hartford-Empire Company, Hartford, Conn. Mechanism for and method of spraying glass-cutting shears or the like. 2,063,849; Dec. 8.
- Pellert, Friedrich W., Magdeburg, Germany, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Sluice gate. 2,035,833; Mar. 31.
- Peirce, George A., Roselle, N. J., assignor to The Grasselli Chemical Company, Cleveland, Ohio. Alkaline earth metal sulphate. 2,044,954; June 23.
- Peirce, John R., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulator. 2,042,324; May 26.
- Peirce, John R., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Translating device for accounting machines. 2,053,105; Sept. 1.
- Peirce, John R., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Subtracting tabulator. 2,056,363; Oct. 6.
- Peirce, John R., New York, and T. E. Torkelson, Merrick, assignors to International Business Machines Corporation, New York, N. Y. Perforated card reading and analyzing device. 2,049,719; Aug. 4.
- Peirce, Joseph O., Cincinnati, Ohio, assignor to Kay-Fries Chemicals, Inc., West Haverstraw, N. Y. Sulphonic acid bodies and making same. 2,042,410; May 26.
- Peirce, Joseph O., Cincinnati, Ohio, assignor to Kay-Fries Chemicals, Inc., West Haverstraw, N. Y. Decomposing fats or oils into fatty acids and glycerine. 2,042,411; May 26.
- Peirce, Ralph S., Hinsdale, Ill. Anchoring device. 2,052,793; Sept. 1.
- Peirce, Thomas H., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Vibration damper. 2,049,133; July 28.
- Peirce, Walter T., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Buoyant cable. 2,048,811; July 28.
- Peirce, William H., Baltimore, Md., assignor to American Smelting and Refining Company, New York, N. Y. Copper mold. 2,048,024; July 21.
- Peirce, William H., Baltimore, Md., assignor to American Smelting and Refining Company, New York, N. Y. Making copper molds. 2,054,635; Sept. 15.
- Peirce, Willis M., and E. A. Anderson, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Zinc base alloy. 2,048,287; July 21.
- Peirce, Willis M., and E. A. Anderson, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Zinc base alloy. 2,048,288; July 21.
- Peirce, Willis M., and E. A. Anderson, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Zinc base alloy. 2,048,289; July 21.
- Pejchar, Josef, Corona, N. Y. Finger ring and other ornamental articles. 2,035,244; Mar. 24.
- Pejepscot Paper Company. (See Brawn, Worthen E., assignor.)
- Pekrol, John, Newark, N. J. Coring device. 2,053,777; Sept. 8.
- Pelikan, John M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,038,056; Apr. 21.
- Pelipetz, Michail G., assignor of one-half to P. L. Doodchenko, New York, N. Y. Match manufacturing. 2,030,892; Feb. 18.
- Pelland, Raymond L. (See Vandercook, Edward O. and D. D., and Pelland.)
- Pellegrin, Elmer D. (See Wilkinson, G. D., and Pellegrin.)
- Pellet, August V., Chicago, Ill. Automobile heater. 2,035,020; Mar. 24.
- Pellow, Charles E., et al. (See Solomon, Thomas N., assignor.)
- Pelosi, John M., Brockton, Mass. Heated boot. 2,028,347; Jan. 21.



- Pelphrey, Harry, Detroit, Mich., assignor to Michigan Tool Company. Lead checking device for globoidal worms. 2,057,970; Oct. 20.
- Peltier, Frank D., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Milk cooler. 2,045,491; June 23.
- Pelton, Henry, assignor to The Stanley Works, New Britain, Conn. Motorized construction toy. 2,044,735; June 16.
- Pelton Water Wheel Company, The. (See Quick, Ray S., assignor.)
- Peltz, Gordon M., Kew Gardens, assignor, by mesne assignments, to H. M. Brooks, New York, N. Y., W. T. Gardiner, Augusta, Maine, and J. H. Nissley, Mannheim, Pa., Trustees. Ash disposal means. 2,056,191; Oct. 6.
- Peltzer, Albert, Jr., Palo Alto, assignor to Merco Centrifugal Separator Co. Ltd., San Francisco, Calif. Starch manufacturing process. 2,039,605; May 5.
- Peltzer, Albert, Palo Alto, assignor to Merco Centrifugal Separator Co. Ltd., San Francisco, Calif. Centrifuge construction. 2,060,239; Nov. 10.
- Pelzer, Harry L., Houston, Tex., assignor to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbons. 2,030,393; Feb. 11.
- Pembroke Chemical Company. (See Kerschbaum, F. P., and Gooch, assignors.)
- Pembroke Chemical Corporation. (See Kerschbaum, F. P., Waggaman, and Gooch, assignors.)
- Pembroke, George F., Los Angeles, Calif. Draft control. 2,030,825; Feb. 11.
- Penardi, Dominic, Stoughton, assignor to Panther-Panco Rubber Co. Inc., Chelsea, Mass. Mold for the production of rubber heels. 2,027,651; Jan. 14.
- Penberthy Injector Company. (See Yoder, Howard D., assignor.)
- Pence, Allen T. (See Roberts, Edmund W., assignor.)
- Pence, Jackson H., and M. E. Bailey, Washington, D. C. Indicator. 2,054,604; Sept. 15.
- Pen-Chlor, Inc. (See Frank, K., Dietz, Privinsky, and Thiel, assignors.)
- Pender, Harold, Merion Township, Montgomery County, Pa. Resistance unit. 2,052,533; Aug. 25.
- Pender, Harold, Merion, Pa., assignor to International Resistance Company, Philadelphia, Pa. Resistor. 2,063,826; Dec. 8.
- Pendergast, Overton W., Terre Haute, Ind. Calendar. 2,027,286; Jan. 7.
- Pendergast, Overton W., Terre Haute, Ind. Adhesive article and manufacturing an adhesive. 2,046,924; July 7.
- Pendergast, Overton W., Terre Haute, Ind. Adhesive. 2,046,925; July 7.
- Pendleton, Edwin H., Venice, assignor to Econolite Corporation, Los Angeles, Calif. Illuminated sign. 2,037,041; Apr. 14.
- Pendleton, Ralph N., and R. H. Hodge, Worcester, Mass., assignors, by mesne assignments, to V. M. Catok, New York, N. Y. Tire grooving machine. 2,027,490; Jan. 14.
- Pendry, William R., Shaker Heights, Ohio. Tar extractor. 2,041,016; May 19.
- Penick, Arthur J. (See Penick, Kirby T. and A. J.)
- Penick, Arthur J., and K. T. Penick, Houston, Tex. Well-head assembly. 2,035,834; Mar. 31.
- Penick, Arthur J. and K. T., Houston, Tex. Tubing head. 2,046,579; July 7.
- Penick, Arthur J. and K. T., Houston, Tex. Blow-out preventer. 2,054,336; Sept. 15.
- Penick, Arthur J. and K. T., Houston, Tex. Blow-out preventer. 2,054,337; Sept. 15.
- Penick & Ford, Ltd. (See Widmer, John M., assignor.)
- Penick, Kirby T. (See Penick, Arthur J. and K. T.)
- Penick, Kirby T. and A. J., Houston, Tex. Fluid operated blow-out preventer. 2,047,520; July 14.
- Penn Anthracite Collieries Company. (See Wright, Frank C., Jr., assignor.)
- Penn Electric Switch Co. (See Henning, Malcolm E., assignor.)
- Penn Electric Switch Co. (See Persons, Lawrence M., assignor.)
- Penn Electric Switch Co. (See Rubel, Abraham L., assignor.)
- Penn Electric Switch Co. (See Shaw, Burton E., assignor.)
- Penn, Olson and Company. (See Jones, William L. M., assignor.)
- Pennacchini, Francis M. S., East Boston, Mass. Safety razor. 2,063,523; Dec. 8.
- Pennebaker, Robert H., New Orleans, La. Oil filter. 2,027,400; Jan. 14.
- Pennebaker, Robert H., New Orleans, La. Cylinder head. 2,030,893; Feb. 18.
- Pennebaker, Robert H., New Orleans, La. Cylinder head. 2,030,894; Feb. 18.
- Pennebaker, Robert H., Baton Rouge, La. Oil filter. 2,027,876; Jan. 14.
- Penney, Gaylord W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Commutator. 2,045,405; June 23.
- Penniman, William B. D., Baltimore, Md. Making oxidized products. 2,044,014; June 16.
- Penniman, William B. D., Baltimore, Md. Lubrication. 2,061,328; Nov. 17.
- Penning, Frans M., Eindhoven, Netherlands, assignor to Radio Corporation of America. Photoelectric tube. 2,031,331; Feb. 18.
- Penning, Frans M., Eindhoven, Netherlands, assignor to Radio Corporation of America. Gas-filled electric discharge tube. 2,044,591; June 16.
- Pennington Engineering Company. (See Pennington, Gordon R., assignor.)
- Pennington, Gordon R., Grosse Pointe, Mich., assignor to Pennington Engineering Company, Cleveland, Ohio. Fabricating casing structures for shock absorbers and the like. 2,040,152; May 12.
- Pennington, Harry R., assignor to Indiana Steel & Wire Company, Muncie, Ind. Flux-coated electrode. 2,051,775; Aug. 18.
- Pennington, John V., assignor to Reed Roller Bit Company, Houston, Tex. Roller bit. 2,052,034; Aug. 25.
- Pennington, Paul W., Lawrence, Kans. Book rack. 2,041,017; May 19.
- Pennington, Thomas J., Denver, Colo., assignor to The Dorr Company, Inc., New York, N. Y. Manufacture of diaphragms. 2,033,354; Mar. 10.
- Pennington, Thomas J., Denver, Colo., assignor to The Dorr Company, Inc., New York, N. Y. Manufacture of diaphragms. 2,037,666; Apr. 14.
- Pennock, Edward M., and L. Hale, assignors to G. H. Tennant Company, Minneapolis, Minn. Certified milk case. 2,046,033; June 30.
- Pennock, Edward M., St. Paul, and L. Hale, assignors to G. H. Tennant Company, Minneapolis, Minn. Bottle crate construction. 2,046,034; June 30.
- Pennoyer, Raymond P., Pittsburgh, Pa. Grating structure. 2,056,073; Sept. 29.
- Pennsylvania Coal Products Company. (See Burroughs, Samuel G., assignor.)
- Pennsylvania Engineering Works. (See Allen, Lee E., assignor.)
- Pennsylvania Flexible Metallic Tubing Company. (See Collom, Samuel H., assignor.)
- Pennsylvania Furnace & Iron Company. (See Crary, Horace A., assignor.)
- Pennsylvania Globe Company. (See Fow, Ambrose F., assignor.)
- Pennsylvania Optical Co. (See Essick, Charles R., assignor.)
- Pennsylvania Petroleum Research Corporation. (See Fenske, Merrell R., assignor.)
- Pennsylvania Petroleum Research Corporation. (See Fenske, M. R., and McCluer, assignors.)
- Pennsylvania Petroleum Research Corporation. (See McCluer, W. B., and Fenske, assignors.)
- Pennsylvania Pump & Compressor Co. (See Nathan, Ellis, assignor.)
- Pennsylvania Railroad Company, The. (See Billstein, Arthur E. F., assignor.)
- Pennsylvania Railroad Company, The. (See Decker, Harry L., assignor.)
- Pennsylvania Railroad Company, The. (See Fildes, Frederick K., assignor.)
- Pennsylvania Railroad Company, The. (See Kiesel, William F., Jr., assignor.)
- Pennsylvania Research Corporation, The. (See Sinden, James W., assignor.)
- Pennsylvania Rubber Company. (See Hoelzer, William F., assignor.)
- Pennsylvania Salt Manufacturing Company. (See Beldin, Claude S., assignor.)
- Pennsylvania Salt Manufacturing Co. (See Cushing, Russell E., assignor.)
- Pennsylvania Salt Manufacturing Company. (See Ioannu, John P., assignor.)
- Pennsylvania Salt Manufacturing Company. (See Sweetland, E., and Vander Cook, assignor.)
- Pennsylvania Salt Manufacturing Company. (See Van der Cook, R. E., and Lawson, assignors.)
- Pennsylvania State College, The. (See Fenske, Merrell R., assignor.)
- Penny, Frank C., Trumbull, assignor to The Bridgeport Safety Emery Wheel Company, Inc., Stratford, Conn. Block for sectional grinding wheels. 2,051,618; Aug. 18.
- Pennybacker, Miles. (See Shively, J. J. and Pennybacker.)
- Pennzoil Company, The. (See Johnson, Evert F., assignor.)
- Penrose, Ben F. (See Udell, Wesley L., assignor.)
- Pentka, Joseph, Dickson City, Pa. Electrically operated lock for motor vehicles. 2,061,978; Nov. 24.
- Pentz, James B., Tompkinsville, N. Y. Safety pin. 2,035,717; Mar. 31.
- Penwell, Jessie C., assignor to The Miamisburg Paper Company, Miamisburg, Ohio. Conveying attachment for paper cutters. 2,045,721; June 30.
- Penzegrau, Norman O. (See Baker, D. B., Rogers, and Penzegrau.)
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,028,164; Jan. 21.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Link assembly. 2,036,234; Apr. 7.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,037,819; Apr. 21.
- Peo, Ralph F., assignor to House Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,037,820; Apr. 21.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,038,596; Apr. 28.



- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Individual wheel suspension. 2,038,597; Apr. 28.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,038,598; Apr. 28.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,043,488; June 9.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,043,489; June 9.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,054,466; Sept. 15.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,054,467; Sept. 15.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Automatic tire inflation attachment. 2,055,983; Sept. 29.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,063,619; Dec. 8.
- People of the United States. (See Pulley, George N., assignor.)
- Peperkorn, Heinrich, Kassel-Wilhelmshoe, Germany, assignor to The Superheater Company, New York, N. Y. Superheater. 2,029,384; Feb. 4.
- Pepin, Augustus J., Sebeka, Minn. Self-locking pin. 2,061,478; Nov. 17.
- Pepin, Charles H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Pressing the bottoms of shoes. 2,057,052; Oct. 13.
- Pepin, Charles H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Welt supporting device. 2,058,499; Oct. 27.
- Peple, Gustave A., Jr., Richmond, Va. Head lamp. 2,044,224; June 16.
- Pepper, Frank, Ozone Park, assignor to S & S Corrugated Paper Machinery Company, Brooklyn, N. Y. Paper folding machinery. 2,055,984; Sept. 29.
- Pepper, Robert H., assignor of two-fifths to R. M. Costello, Miami, Fla. Combination reclining movable auto seat and bed. 2,041,648; May 19.
- Pepperell Manufacturing Company. (See Donovan, Daniel G., assignor.)
- Pepperell Manufacturing Company. (See Goodchild, Frank, assignor.)
- Pepperell Manufacturing Company. (See Russell, Frank H., assignor.)
- Perau, Louis W., Lyle, Minn. Bean pick-up guard. 2,044,396; June 16.
- Perazzo, Frank, Brooklyn, and G. Johansson, New York, N. Y. Brake adjusting device. 2,062,819; Dec. 1.
- Perazzoli, Henry J., Philadelphia, Pa. Device for clamping mobile units on railway track rails. 2,058,033; Oct. 20.
- Perazzoli, Henry J., Philadelphia, Pa. Change speed mechanism. 2,066,050; Dec. 29.
- Perbal, Albert C. (See Johnson, H. M., and Perbal.)
- Percival, Johanna M. (administratrix). (See Klahn, Emil, assignor.)
- Percy, Paul, New Rochelle, N. Y. Electric plug. 2,027,447; Jan. 14.
- Percy, Stephen J., New York, N. Y. Image clarifier for camera finders. 2,054,442; Sept. 15.
- Percy, Walter J., Ferndown, Dorset, England. Service hatch. 2,027,491; Jan. 14.
- Perdrisat, Charles, Geneva, Switzerland. Burner for liquid fuels. 2,027,699; Jan. 14.
- Perdue, Whittier. (See Hoffman, P., and Perdue.)
- Peremi, Edmund, Manhasset, and C. Kish, Elmhurst, assignors to General Bronze Corporation, Long Island City, N. Y. Revolving door. 2,050,584; Aug. 11.
- Peremi, Edmund, Manhasset, and C. Kish, Elmhurst, assignors to General Bronze Corporation, Long Island City, N. Y. Revolving door. 2,051,007; Aug. 11.
- Peremi, Edmund, Manhasset, and C. Kish, Elmhurst, assignors to General Bronze Corporation, Long Island, N. Y. Revolving door. 2,051,008; Aug. 11.
- Peremi, Edmund, and L. Toth, Manhasset, N. Y. Window construction. 2,060,525; Nov. 10.
- Peretzman, Hyman J., Brooklyn, N. Y. Plug and tap. 2,053,918; Sept. 8.
- Perewe, Rose G., Brooklyn, N. Y. Food material and making it. 2,037,042; Apr. 14.
- Pereyra, Armando J., San Francisco, Calif. Tortilla machine. 2,055,205; Sept. 22.
- Perfect Manufacturing Company, The. (See Bollman, Roland R., assignor.)
- Perfect Circle Company, The. (See Bramberry, Harry M., assignor.)
- Perfect Circle Company, The. (See Teetor, Charles N., assignor.)
- Perfect Circle Company, The. (See Teetor, Macy O., assignor.)
- Perfect Circle Company, The. (See Troendly, Harry P., assignor.)
- Perfection Appliances, Inc. (See Bossie, Charles S., assignor.)
- Perfection Manufacturing Co., The. (See Graser, Harry, assignor.)
- Perfection Steel Body Company. (See Cohen, Ralph, assignor.)
- Perfection Steel Body Company. (See King, Charles J., assignor.)
- Perfection Stove Company. (See Chadwick, Lee S., assignor.)
- Perfection Stove Company. (See Chadwick, L. S., Resek, and Dahlstrom, assignors.)
- Perfection Stove Company. (See Chadwick, L. S., Resek, and Kessler, assignors.)
- Perfection Stove Company. (See Kessler, Charles J., assignor.)
- Perfection Stove Company. (See Midnight, Wilbur G., assignor.)
- Perfection Stove Company. (See Rausch, Karl W., assignor.)
- Perfection Stove Company. (See Resek, Marc, assignor.)
- Perfecto Gear Differential Co. (See Starr, Charles E., assignor.)
- Pergande, George, Chicago, Ill., assignor to Badger Carton Company, Milwaukee, Wis. Carton or box. 2,060,240; Nov. 10.
- Perkins, Alfred J. (See Embury, F. B., and Perkins.)
- Perkins, Alfred J., assignor to Embury Manufacturing Co., Warsaw, N. Y. Oil lantern construction. 2,051,272; Aug. 18.
- Perkins, B. F., & Son, Inc. (See Getchell, Raymond E., assignor.)
- Perkins, B. F., & Son, Inc. (See Lade, Archibald C., assignor.)
- Perkins, B. F., & Son, Inc. (See Shorrock, James P., assignor.)
- Perkins, Charles T., and B. Spieth, assignors to Modine Manufacturing Company, Racine, Wis. Heater. 2,032,811; Mar. 3.
- Perkins, Edward H., and H. E. Mills, assignors to The Dow Chemical Company, Midland, Mich. Transportation of automobiles. 2,035,401; Mar. 24.
- Perkins, Edward H., and H. E. Mills, Midland, assignors, by mesne assignments, to Whitehead & Kales Company, River Rouge, Mich. Semitrailer. 2,039,492; May 5.
- Perkins, Edward H., and H. E. Mills, assignors to The Dow Chemical Company, Midland, Mich. Transportation of automobiles. 2,051,417; Aug. 18.
- Perkins, Edwin A., et al. (See Crum, Roland R., assignor.)
- Perkins, Edwin E., Riverside, Ill. Paper envelope. 2,032,067; Feb. 25.
- Perkins, Ezra C. (See Dangelmajer, C., and Perkins.)
- Perkins, Floyd R., Chicago, Ill. Closure. 2,065,243; Dec. 22.
- Perkins, George G. (See Hitchcock, F. J., and Perkins.)
- Perkins Glue Company. (See Pierson, Gordon G., assignor.)
- Perkins, Granville A., South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Chlorobutadiene. 2,027,550; Jan. 14.
- Perkins, Granville A., South Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Dichloroalkyl ethers. 2,042,862; June 2.
- Perkins, Granville A., and W. J. Toussaint, Charleston, W. Va., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Preparation of acetonyle acetone. 2,052,652; Sept. 1.
- Perkins, Julian L., West Springfield, Mass. Machine tool. 2,029,385; Feb. 4.
- Perkins, Julian L., and H. D. Croft, assignors to Perkins Machine & Gear Company, Springfield, Mass. Broaching machine. 2,027,401; Jan. 14.
- Perkins, Laurence M., Dayton, Ohio, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radioreceiver. 2,029,033; Jan. 28.
- Perkins, Laurence M., Erie, Pa., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio control circuit. 2,054,636; Sept. 15.
- Perkins, Lester C., assignor to D. J. Bissell, Spokane, Wash. Door closer. 2,044,509; June 16.
- Perkins, Lester C., assignor, by mesne assignments, to Quad Pneumatic Lift Company, Spokane, Wash. Automobile lifting mechanism. 2,060,344; Nov. 10.
- Perkins Machine & Gear Company. (See Perkins, J. L., and Croft, assignors.)
- Perkins, Margaret, Administratrix. (See Perkins, Nathan W.)
- Perkins, Melville F., Woodbridge, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Combination distillation and liquation furnace. 2,061,250; Nov. 17.
- Perkins, Melville F., Woodbridge, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Separating metals. 2,061,251; Nov. 17.
- Perkins, Melvin A., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic tellurium compounds and preparing the same. 2,030,035; Feb. 4.
- Perkins, Melvin A., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Co., Wilmington, Del. Bz2-halogenbenzanthrones. 2,059,646; Nov. 3.
- Perkins, Melvin A., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the benzanthrone series. 2,059,647; Nov. 3.
- Perkins, Nathan W., deceased, by M. Perkins, administratrix, East Orange, N. J., assignor to The National Cash Register Company, Dayton, Ohio. Calculating machine. 2,055,703; Sept. 29.
- Perkins, Ralph P. (See Britton, E. C., Perkins, and Lundquist.)



- Perkins, Ralph P. (See Putnam, M. E., Britton, and Perkins.)
- Perkins, Robert L. (See Moses, F. G., Hess, and Perkins.)
- Perkins, Robert L., East Aurora, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of 5-halogen-2-aminotoluenes. 2,031,666; Feb. 25.
- Perkins, Robert L., East Aurora, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Amino-alkoxy-benzamides and preparing the same. 2,044,016; June 16.
- Perkins, Robert L., East Aurora, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Ore concentration. 2,049,470; Aug. 4.
- Perkins, Robert L., and A. J. Sweet, East Aurora, assignors to National Aniline & Chemical Company, Inc., New York, N. Y. Benzonitriles and making. 2,044,015; June 16.
- Perkons, Heinrich, Libau, Latvia, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rug-making attachment for sewing machines. 2,063,267; Dec. 8.
- Perl, Albert H. F., Birmingham, England. Support for drop leaves for folding tables and like articles. 2,035,718; Mar. 31.
- Perlesz, Hugo. (See Trotta, L., and Perlesz.)
- Perlesz, Hugo, Chicago, and C. F. Pearce, Jr., Glencoe, assignors to Burton-Dixie Corporation, Chicago, Ill. Chaise longue. 2,031,124; Feb. 18.
- Perlman, Harold L. (See MacLachlan, John C., assignor.)
- Perlmutter, Henry A., Neponsit, Long Island, N. Y. Lighting fixture. 2,057,263; Oct. 13.
- Perma Corporation. (See Dopp, Frank B., assignor.)
- Permutit Company, (1934) The. (See Bowers, Herbert L., assignor.)
- Permutit Company, (1934), The. (See Inch, Alexander C., assignor.)
- Permutit Company, The. (See Nome, Peter A., assignor.)
- Permutit Company, (1934), The. (See Pick, Eric, assignor.)
- Permutit Company, The. (See Staegemann, Eugene, assignor.)
- Permutit Company, The. (See Tiger, Howard L., assignor.)
- Pernice, James V., Mount Morris, N. Y. Vehicle spring suspension. 2,028,991; Jan. 28.
- Peron, Anthony, New York, N. Y. Pot. 2,040,102; May 12.
- Peroti, Paul, et al. (See Kämmler, Hugo, assignor.)
- Perraton, Horace H., Chicago, Ill. Medicament applicator. 2,052,314; Aug. 25.
- Perreault, George E. (See Barrett, B. A., and Perreault.)
- Perreault, George E., Bronxville, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Translating device. 2,065,907; Dec. 29.
- Perrien, Joseph, et al. (See Schmitt, Henry, assignor.)
- Perrier, Daniel, Unieux (Loire), assignor of one-half to Société Anonyme Français Sald: Anciens Etablissements Cime, Paris, France. Centrifugal machine. 2,040,213; May 12.
- Perrin, Edouard A., Le Vesinet, France. Screw capable of conversion into a fixed wing. 2,055,585; Sept. 29.
- Perrin, René, assignor to Société d'Electrochimie, d'Electrometallurgie et des Acieries Electriques d'Ugine, Paris, France. Enriching steels in silicon. 2,050,460; Aug. 11.
- Perrin, René, assignor to Société d'Electrochimie, d'Electrometallurgie et des Acieries Electriques d'Ugine, Paris, France. Dephosphorizing treatment of metal in a converter. 2,050,803; Aug. 11.
- Perrin, René M. V., assignor to Societe d'Electrochimie, d'Electrometallurgie et des Acieries Electriques d'Ugine, Paris, France. Purifying nickel. 2,049,721; Aug. 4.
- Perrine, Emmett B., Minneapolis, Minn. File. 2,055,219; Sept. 22.
- Perrine, John H. (See Musante, A. F. S., and Perrine.)
- Perrine, Lester E., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Antistalling device. 2,033,396; Mar. 10.
- Perring, Ethel M., et al., executors. (See Johnson, Henry T.)
- Perrott, Laurence F., Revere, Mass., assignor to General Electric Company. Electric valve circuits. 2,039,027; Apr. 28.
- Perry, Charles B., assignor to M. T. Stevens and Sons Company, North Andover, Mass. Filling changer for looms. 2,053,008; Sept. 1.
- Perry, Charles L., Schenectady, N. Y., assignor to General Electric Company. Controller. 2,059,023; Oct. 27.
- Perry, Edward D., Watertown, assignor to The Beardsley & Wolcott Manufacturing Company, Waterbury, Conn. Electric sadiron. 2,041,429; May 19.
- Perry, Edward D., assignor to The Beardsley & Wolcott Manufacturing Company, Waterbury, Conn. Electric sadiron. 2,045,284; June 23.
- Perry, Ernest N., Lowell, Mass. Nursing bottle. 2,061,477; Nov. 17.
- Perry, Frank, New York, N. Y. Valve stem and handle locking means. 2,041,300; May 19.
- Perry, George E., Chicago, Ill. Game device. 2,062,144; Nov. 24.
- Perry, Harold R., Swarthmore, Pa., and C. S. Jennings, assignors to The Lamson Company, Syracuse, N. Y. Conveyer system. 2,060,744; Nov. 10.
- Perry, Henry H. (See Lohrke, J. L., and Perry.)
- Perry, Henry H., Bryn Mawr, assignor to Brandywine Mushroom Corporation, West Chester, Pa. Receptacle for mushroom spawn culture. 2,048,966; July 28.
- Perry, John E., Youngstown, and W. H. Ramage, Girard, assignors to Valley Mould and Iron Corporation, Hubbard, Ohio. Ingot mold for steel ingots. 2,028,243; Jan. 21.
- Perry, John E., Youngstown, and W. H. Ramage, Girard, assignors to Valley Mould and Iron Corporation, Hubbard, Ohio. Steel ingot. 2,028,244; Jan. 21.
- Perry, John H., and E. S. Ridler, Shaker Heights, assignors to The Grasselli Chemical Company, Cleveland, Ohio. Sulphuric acid contact process. 2,031,787; Feb. 25.
- Perry, Joseph A. (See Claffey, J. B., and Perry.)
- Perry, Judson, assignor to G. L. Bason, Greensboro, N. C. Flushing apparatus. 2,055,801; Sept. 29.
- Perry, Lewis A., Seattle, assignor to Pioneer Sand & Gravel Company, Seattle, Wash. Plastic concrete delivery vehicle. 2,034,417; Mar. 17.
- Perry, Raymond S., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Method and apparatus for machining of workpieces. 2,058,498; Oct. 27.
- Perry, Raymond S., John R. Johnson, and A. Oberhoffen, assignors to The Ingersoll Milling Machine Company, Rockford, Ill. Construction of machine tools. 2,028,727; Jan. 21.
- Perry, Rupert C., assignor to The Waterbury Clock Company, Waterbury, Conn. Oil-chamber for electric clocks. 2,062,103; Nov. 24.
- Perry, Stanley. (See Schroeder, O. C., and Perry.)
- Perry, Steward W., Columbus, Ohio, assignor to Hickok Manufacturing Co., Inc., Rochester, N. Y. Wrist watch adapter. 2,035,979; Mar. 31.
- Perry, Thomas D., near New Albany, Ind., assignor to New Albany Veneering Company. Barrel. 2,050,461; Aug. 11.
- Perry, Walter M., assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 2,056,291; Oct. 6.
- Perry, Walter M., assignor to Sperry Products, Inc., Brooklyn, N. Y. Flaw detector mechanism. 2,061,979; Nov. 24.
- Perry, William E., assignor to The Scranton Lace Company, Scranton, Pa. Pattern control mechanism. 2,058,101; Oct. 20.
- Perry, William R., assignor to Reeves Pulley Company, Columbus, Ind. Controller. 2,035,402; Mar. 24.
- Perryman, George H., Teaneck, N. J., assignor to The Scholl Mfg. Co., Inc. Machine for making corn plasters. 2,053,736; Mar. 10.
- Persch, Walter. (See Bockmühl, M., Persch, and Bartholomäus.)
- Persch, Walter. (See Brockmühl, M., Persch, and Ehrhart.)
- Persch, Walther. (See Hampe, F., and Persch.)
- Persch, Wilhelm, Berlin, Germany, assignor to General Electric Company. Electrode mounting. 2,059,902; Nov. 3.
- Perser Corporation, The. (See Draper, Ernest E., assignor.)
- Perser Corporation, The. (See Ives, Herbert E., assignor.)
- Persiel, Hans. (See Heyse, M., and Persiel.)
- Persiel, Hans, G. Balle, F. Grom, and R. Semmig, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Cellulose ester compositions. 2,063,620; Dec. 8.
- Persinger, F. T. (See Kothman, John F., assignor.)
- Person, Alfred, Detroit, Mich., assignor to The Murray Corporation of America. Vehicle hardware ferrule. 2,063,335; Dec. 8.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Control device. 2,030,932; Feb. 18.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Magnet switch. 2,030,933; Feb. 18.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Spraying device. 2,030,934; Feb. 18.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Electric control apparatus for fuel burners. 2,034,309; Mar. 17.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Air conditioning unit. 2,034,310; Mar. 17.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Pump or motor construction. 2,040,401; May 12.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Electric control apparatus for fuel burners. 2,040,402; May 12.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Electro-hydraulic control structure. 2,040,403; May 12.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Switch structure with differential adjustment. 2,040,404; May 12.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Switch structure with means to prevent arcing upon circuit closure. 2,040,405; May 12.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Temperature responsive switch. 2,044,397; June 16.



- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Liquid heat motor. 2,050,668; Aug. 11.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Air conditioning system. 2,054,039; Sept. 8.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Baseboard thermostat. 2,054,040; Sept. 8.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Transformer protection circuit for burner systems. 2,054,041; Sept. 8.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Combined thermostat and timer control for burners. 2,057,308; Oct. 13.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Heating system control means. 2,057,309; Oct. 13.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Air conditioning system. 2,060,636; Nov. 10.
- Persons, Lawrence M., Quincy, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electric valve control. 2,052,987; Sept. 1.
- Persons, Ralph C., Los Angeles, Calif. Electric soldering iron. 2,041,018; May 19.
- Persoons, Alphonse. (See Persoons, Jules, and A.)
- Persoons, Jules, and A. Persoons, Thildonck, Belgium. Linen washing machine. 2,031,788; Feb. 25.
- Persson, Linus, Braddock, N. Dak. Road-grader level. 2,040,708; May 12.
- Pertz, William J., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Double window construction. 2,052,244; Aug. 25.
- Peruzzini, Henry. (See Cronyn, V. J., and Peruzzini.)
- Pervells, Gregory, New York, N. Y. Heat control. 2,048,620; July 21.
- Perwav Company, The. (See Malone, Julian Y., assignor.)
- Perwav Company, The. (See Malone, J. Y., Carroll, and McKee, assignors.)
- Pesakof, Nathan. (See Abrams, I., and Pesakof.)
- Pescara, Raul P., Paris, France. Motor compressor. 2,027,877; Jan. 14.
- Pescara, Raul P., Paris, France. Motor compressor. 2,038,442; Apr. 21.
- Pescara, Raul P., Paris, France. Free piston compressor. 2,056,533; Oct. 6.
- Pesce, Juan C. B. (See Ferreyro, B. J., and Pesce.)
- Peschel, Dorothea O., Kankakee, Ill. Metal furniture. 2,061,588; Nov. 24.
- Peschel, Joseph K., Bradley, Ill. Making metal panels. 2,030,072; Feb. 11.
- Peschl, Frank A., Jackson Heights, assignor to Erospha, Inc., New York, N. Y. Spherical machine. 2,031,125; Feb. 18.
- Peschl, Frank A., Jackson Heights, assignor to Erospha, Inc., New York, N. Y. Spherical machine. 2,031,126; Feb. 18.
- Pesci, Thomas, Raritan, N. J. Continuous machine for printing floor and wall coverings. 2,031,063; Feb. 18.
- Pescod, Richard F., H. R. Hornsby, Birtley, and G. W. N. Harrison, Low Fell, England, assignors to Anderson, Boyes & Company Limited, Motherwell, Lanarkshire, Scotland. Coal-cutting machine. 2,026,702; Jan. 7.
- Pestalozza, Ugo, assignor to Società Italiana Pirella, Milan, Italy. Manufacture of elastic rubber thread, cord, strip, and the like. 2,052,361; Aug. 25.
- Pestarini, Giuseppe M., Grant City, N. Y. Direct electric current transformer device. 2,030,652; Feb. 11.
- Pestarini Giuseppe M., Grant City, Staten Island, N. Y. Diesel electric power system. 2,049,389; July 28.
- Pestarini, Giuseppe M., Sheffield, England. Electrical apparatus for the transmission of angular movements. 2,030,762; Feb. 11.
- Pestarini, Giuseppe M., Sheffield, England. Dynamo-electric direct current generator. 2,038,380; Apr. 21.
- Pestarini, Giuseppe M., Sheffield, England. Electromechanical power plant for locomotive vehicles. 2,049,388; July 28.
- Pestarini, Giuseppe M., Sheffield, England. Rotary transformer for direct electric current. 2,055,240; Sept. 22.
- Pestarini, Giuseppe M., Sheffield, England. Control of direct current electric motors. 2,055,304; Sept. 22.
- Pestarini, Giuseppe M., Sheffield, England. Rotary transformer. 2,059,024; Oct. 27.
- Pestarini, Giuseppe M., Staten Island, N. Y., assignor to General Electric Company. Electrical power system. 2,049,390; July 28.
- Pestarini, Joseph M., Grant City, Staten Island, N. Y. Diesel electric power system. 2,038,384; Apr. 21.
- Pester, Ray, Grayslake, Ill. Golf club. 2,026,749; Jan. 7.
- Petcoff, Nicola C. (See Loyd, Lieutenant Hobson, assignor.)
- Petcoff, William, Cleveland, Ohio. Regulator. 2,046,653; July 7.
- Peteler, Adolph, Freeport, N. Y. Thermostat valve structure. 2,063,621; Dec. 8.
- Peter, Charles, West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pneumatic drive system. 2,029,634; Feb. 4.
- Peter, Charles, Salt Lake City, Utah. Soil conditioner. 2,059,599; Nov. 3.
- Peter, Charles, Salt Lake City, Utah. Soil conditioner. 2,059,600; Nov. 3.
- Peter, Leslie H., and R. M. MacGregor, King's Cross, London, England, assignors, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Electric relay. 2,043,771; June 9.
- Peter, William J., New York, N. Y., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Liquid dispenser. 2,061,738; Nov. 24.
- Peterfesa, Victor. (See Kresberg, S., and Peterfesa.)
- Peterka, August E. R., and K. A. Eckhardt, assignors to The Lamson & Sessions Company, Cleveland, Ohio. Weatherlight bolt. 2,056,688; Oct. 6.
- Peterkin, Albert G., Jr., Bryn Mawr, assignor to The Atlantic Refining Company, Philadelphia, Pa. Oil cracking system. 2,028,728; Jan. 21.
- Peterkin, Albert G., Jr., Bryn Mawr, assignor to The Atlantic Refining Company, Philadelphia, Pa. Treating hydrocarbon oils. 2,040,064; May 5.
- Peterkin, Jessie E., and F. W. Marlow, Toronto, Ontario, Canada. Toothbrush spoon. 2,028,519; Jan. 21.
- Peterman, Albert J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Pinion shaft bearing. 2,040,793; May 12.
- Peterman, Earl A., Detroit, Mich. Making bilirubin. 2,049,134; July 28.
- Peterman, Fernando B., assignor to International Lead Refining Co., East Chicago, Ind. Producing lead alloys. 2,042,625; June 2.
- Peterman, Theodore A., and F. Nicholson, Tacoma, Wash., said Nicholson assignor to said Peterman. Panel chamerfering machine. 2,031,385; Feb. 18.
- Peters, Adolf M., New York, N. Y. Telephone accessory. 2,042,548; June 2.
- Peters, Arthur E., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Bearing for steel retainers. 2,026,703; Jan. 7.
- Peters, Arthur E., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Guide member for rock drills. 2,055,555; Sept. 29.
- Peters Bros. Rubber Company. (See Papp, George, assignor.)
- Peters Cartridge Company, The. (See Jacobs, George H., assignor.)
- Peters, Clifford M., Smackover, Ark. Plunger pump. 2,061,252; Nov. 17.
- Peters, Elmer P., Richmond Hill, N. Y., assignor to Kent Machine Works, Inc. End plate mechanism for roller mills. 2,037,390; Apr. 14.
- Peters, Eugene H., Benton Harbor, Mich. Container for fruit or the like. 2,062,794; Dec. 1.
- Peters, Harry, London, England. Lady's handbag and the like. 2,051,572; Aug. 18.
- Peters, Helen, Valley Stream, N. Y. Automatic toaster. 2,036,826; Apr. 7.
- Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Stacking device. 2,054,831; Sept. 22.
- Peters Machinery Co. (See Jurgens, E. G., and Becker, assignors.)
- Peters Machinery Co. (See Mudd, Garrett W., assignor.)
- Peters, Melville F., Riverdale, Md., assignor to S. F. Mashbir, Washington, D. C. Ignition cable. 2,058,619; Oct. 27.
- Peters, Peter A., Essen, Ruhr, Germany. Headlight. 2,064,446; Dec. 15.
- Peters, Peter N., Brooklyn, N. Y. Razor blade. 2,041,778; May 26.
- Peters, Peter N., Brooklyn, N. Y. Automobile safety device. 2,044,183; June 16.
- Peters, Ralph, Clarksburg, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Banding machine. 2,062,425; Dec. 1.
- Peters, Shafch A., Lake Charles, La., assignor, by mesne assignments, to Mechanical Boiler Cleaner Co., Inc., New Orleans, La. Boiler cleaner and skimmer. 2,055,362; Sept. 22.
- Peters, Thomas B. R., Chicago, assignor of one-sixth to A. D. Bruce and one-sixth to E. A. Russell, Chicago, and one-sixth to W. W. Wilson, Oak Park, Ill. Air conditioning apparatus. 2,062,605; Dec. 1.
- Peters, Walter J., Suisun City, Calif. Spring cap for collapsible tubes. 2,038,057; Apr. 21.
- Petersen, Alfred E., Frankfort-on-the-Main, Germany, and W. Gensecke, Gonzenheim, near Frankfort-on-the-Main, Germany, assignors to Metallgesellschaft Aktiengesellschaft, Frankfort-on-the-Main, Germany. Concentrating rubber latices. 2,029,831; Feb. 4.
- Petersen, Anker, Quincy, assignor to Armored Tube Company, Malden, Mass. Spun tubular hose and making the same. 2,057,789; Oct. 20.
- Petersen, Carl M., Morrisville, Pa. Electrical device. 2,035,505; Mar. 31.
- Petersen, Carl M., Morrisville, Pa. Circuit control device. 2,053,629; Sept. 8.
- Petersen, Carl M., assignor to Circle F Mfg. Co., Trenton, N. J. Indicating wall socket. 2,045,199; June 23.
- Petersen, Elmer W., assignor of one-half to W. A. Bertram, Chicago, Ill. Trough hanger. 2,065,091; Dec. 22.
- Petersen, George E., assignor to W. H. Grundy Company, Inc., Bristol, Pa. Apparatus for treating wool or other material. 2,039,834; May 5.
- Petersen, John, and C. R. Bushnell, Los Angeles, Calif. Changeable exhibitor. 2,045,249; June 23.



- Petersen, Martin, Aberdeen, Wash. Safety device for ships. 2,049,316; July 28.
- Petersen, Nels C. (See McFarland, Harold A., assignors.)
- Petersen, Peter C., assignor to Viking Pump Company, Cedar Falls, Iowa. Combination bearing and sealing means for rotary pumps. 2,057,205; Oct. 13.
- Petersen, Roy S. (See Andrews, C. W., and Petersen.)
- Petersen, Roy S., San Antonio, Tex., assignor to Brassert-Tidewater Development Corporation, Chicago, Ill. Apparatus for the coking of bituminous or asphaltic liquids. 2,040,875; May 19.
- Petersen, Roy S., San Antonio, Tex., and C. W. Andrews, assignors to Brassert-Tidewater Development Corporation, Chicago, Ill. Coking hydrocarbons. 2,039,835; May 5.
- Petersen, Thorvald, assignor to Reed Manufacturing Company, Erie, Pa. Guide structure for die stocks. 2,038,312; Apr. 21.
- Petersen, Thorvald, Erie, Pa., assignor to R. G. Wright & Co., Buffalo, N. Y. Pump or the like and driving means therefor. 2,047,329; July 14.
- Petersen, Thorvald, Erie, Pa., assignor to R. G. Wright & Company, Buffalo, N. Y. Milk pump and the like. 2,047,330; July 14.
- Petersen, Thorvald, Erie, Pa., assignor to R. G. Wright & Company, Buffalo, N. Y. Capping device. 2,050,895; Aug. 11.
- Petersen, Thorvald, Erie, Pa., assignor to R. G. Wright & Co., Buffalo, N. Y. Bottle filler. 2,057,538; Oct. 13.
- Petersen, William L., Springfield, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,056,074; Sept. 29.
- Petersime, Ray M., Gettysburg, Ohio. Hatching compartment for an incubator. 2,059,533; Nov. 3.
- Petersohn, Alfred, and W. H. St. Thomas, assignors to Amity Leather Products Co., West Bend, Wis. Billfold. 2,036,493; Apr. 7.
- Peterson, Adolphe C., Minneapolis, Minn. Fuel injection and distribution means. 2,033,535; Mar. 10.
- Peterson, Andrew C. (See Hill, H. S., and Peterson.)
- Peterson, Arthur E., assignor, by mesne assignments, to Bankers Box Company, Chicago, Ill. Binder. 2,058,718; Oct. 27.
- Peterson, Berger A., North Quincy, Mass. Arm for awning frames. 2,061,207; Nov. 17.
- Peterson, Burt A., assignor to Barber-Colman Company, Rockford, Ill. Creel. 2,063,752; Dec. 8.
- Peterson, Carl D., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Intermediate bearing for transmission gearing. 2,043,446; June 9.
- Peterson, Carl D., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Forming a helical gear with clutch teeth. 2,062,927; Dec. 1.
- Peterson, Carl E., Redondo Beach, Calif. Car mover. 2,060,526; Nov. 10.
- Peterson, Charles. (See Hard, M. W., and Peterson.)
- Peterson, Charles, Iron Mountain, Mich., assignor of forty percent to Axel Nelson, Florence, Wis. Automatic change pitch propeller. 2,029,503; Feb. 4.
- Peterson, Clarence R., San Diego, Calif. Shell reloading machine. 2,031,850; Feb. 25.
- Peterson, Conrad E., Malden, Mass., assignor to De Long Gum Co., Boston, Mass. Machine for use in the manufacture of chewing gum. 2,031,573; Feb. 18.
- Peterson, Conrad E., Malden, assignor to De Long Gum Co., South Boston, Mass. Machine for making confections. 2,044,748; June 16.
- Peterson, Edward H. (See McNaught, N. F., and Peterson.)
- Peterson, Edward S. (See Obergfell, H. F., and Peterson.)
- Peterson, Edward S., Elmwood Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone and signal system. 2,052,055; Aug. 25.
- Peterson, Edward S., Elmwood Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,056,736; Oct. 6.
- Peterson, Edward T. (See Brock, R. E., and Peterson.)
- Peterson, Emil, Jamestown, N. Dak. Combination shaving kit and sharpener. 2,066,222; Dec. 29.
- Peterson, Emmett J., et al. (See Wichman, R. D., Jr., and McClellan, assignors.)
- Peterson, Eric G. (See Vroom, R. C., and Peterson.)
- Peterson, Frederick O., Detroit, Mich. Washing machine. 2,033,355; Mar. 10.
- Peterson, George, Pymble, New South Wales, Australia. Advertising device. 2,049,079; July 28.
- Peterson, George G., Warwick Downs, R. I. Clothespole or clothesline prop. 2,058,349; Oct. 20.
- Peterson, Gunnard P., Naugatuck, Conn., assignor to The Risdon Manufacturing Company. Safetypin package. 2,048,753; July 28.
- Peterson, Gunnard P., Naugatuck, Conn., assignor to The Risdon Manufacturing Company. Crayon holder. 2,057,502; Oct. 13.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Crystal controlled oscillator. 2,027,448; Jan. 14.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Directional receiver. 2,040,952; May 19.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Multirange radio frequency circuit. 2,046,407; July 7.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Idle time keying apparatus. 2,055,985; Sept. 29.
- Peterson, Harold O., and R. W. George, Riverhead, N. Y., assignors to Radio Corporation of America. Ultrashort wave receiving system. 2,059,601; Nov. 3.
- Peterson, Harold P., et al. (See Jones, Jacob, assignor.)
- Peterson, James H. (See Patterson, G. D., and Peterson.)
- Peterson, Johann G., West Hartford, Conn. Electric switch. 2,038,902; Apr. 28.
- Peterson, John E. (See Weber, Charles H., assignor.)
- Peterson, Joseph A. (See Olsen, Carl E., and Peterson.)
- Peterson, Luther C. (See Peterson, Menser M., assignor.)
- Peterson, Mark, Council Bluffs, Iowa. Windshield heater. 2,048,217; July 21.
- Peterson, Menser M., assignor of one-half to L. C. Peterson, Cokato, Minn. Fish lure. 2,036,075; Mar. 31.
- Peterson, Norman, Marinette, Wis. Lighting device for cigarettes. 2,029,186; Jan. 28.
- Peterson, Oscar, Wadena, Saskatchewan, Canada. Grease gun filler. 2,056,327; Oct. 6.
- Peterson, Peter, assignor to City Auto Stamping Company, Toledo, Ohio. Die. 2,043,591; June 9.
- Peterson, Peter, assignor to The City Auto Stamping Company, Toledo, Ohio. Making combined fender and lamp housings. 2,053,204; Sept. 1.
- Peterson, Peter, assignor to The City Auto Stamping Company, Toledo, Ohio. Combined fender and lamp housing. 2,060,527; Nov. 10.
- Peterson, Ray, Sacramento, Calif. Carrier scraper. 2,050,856; Aug. 11.
- Peterson, Robert H. (See Baker, H. C., and Peterson.)
- Peterson, Roland E. (See McIlvried, H. G., Moore, and Peterson.)
- Peterson, Ruben O., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Scraping tool. 2,062,998; Dec. 1.
- Peterson, Russell G. (See Osgood, G. H., and Peterson.)
- Peterson, Seth, Oak Park, assignor by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,040,153; May 12.
- Peterson, Sylvanus C., Washington, D. C. Portable shower bath. 2,052,420; Aug. 25.
- Peterson, Victor W. (See Thompson, Elliott D., assignor.)
- Peterson, Victor W., assignor to Hannifin Manufacturing Co., Chicago, Ill. Valve construction. 2,042,186; May 26.
- Peterson, Walker F., and A. U. Walter, assignor, by mesne assignments, to Baltimore Valve Corporation, Baltimore, Md. Quiet flow retarding device. 2,037,737; Apr. 21.
- Petho, John. (See Bengé, F. H., Petho, assignors)
- Petilli, Vincent. (See Murino, M., and Petilli.)
- Petit, Charles L., New York, N. Y. Sectional building. 2,060,892; Nov. 17.
- Petit, Leon A. E., et al. (See Magnien, Raymond, assignor.)
- Petit, William H., Dayton, Ohio, and E. S. Hineline, assignors to Folmer Grafex Corporation, Rochester, N. Y. Accurately photographing upon film strips having nonsensitized ends. 2,034,441; Mar. 17.
- Petitcolas, Pierre, Rouen, assignor to Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlmann, Paris, France. Water insoluble azo dyestuffs and their production. 2,059,903; Nov. 3.
- Petitmermet, Jules P., Brighton, Boston, Mass. Yarn construction. 2,058,620; Oct. 27.
- Peto, Joseph W., Cleveland, Ohio. Electric terminal plug. 2,050,374; Aug. 11.
- Pétot, Henry F., Montrouge, France. Rotary fluid meter. 2,052,794; Sept. 1.
- Petree & Dorr Engineers, Inc. (See Copp, Earle M., assignor.)
- Petrescu, Ovid S., Nashville, Tenn., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Extrusion device. 2,056,982; Oct. 13.
- Petri, Perfecto, New Kensington, Pa. Combination meter and switch box protector. 2,059,742; Nov. 3.
- Petri, Perfecto, New Kensington, Pa. Electrical meter system. 2,059,743; Nov. 3.
- Petrini, Remo W., Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,064,177; Dec. 15.
- Petree, Gregory A., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Valve. 2,026,704; Jan. 7.
- Petroleum Conversion Corporation. (See Sachs, Albert P., assignor.)
- Petroleum Heat and Power Company. (See Bulger, William A., assignor.)
- Petroleum Iron Works Co. of Ohio, The. (See Shanor, Edgar E., assignor.)
- Petroleum Processes Corporation, The. (See Tears, Claude F., assignor.)
- Petroleum Rectifying Company of California. (See Eddy, Harold C.)
- Petroleum Rectifying Company of California. (See Fisher, Harmon F., assignor.)
- Petroleum Rectifying Company of California. (See Hanson, G. B., and Eddy, assignors.)
- Petroleum Rectifying Company of California. (See Kiech, Clarence F., assignor.)
- Petroleum Rectifying Company of California. (See McDonald, Louis E., assignor.)



- Petroleum Rectifying Company of California. (See Pettefer, Robert L., assignor.)
- Petroleum Rectifying Company of California. (See Roberts, Claudius H. M., assignor.)
- Petroleum Rectifying Company of California. (See St. Hill, Thomas N., assignor.)
- Petroleum Rectifying Company of California. (See Waterman, Logan C., assignor.)
- Petroleum Rectifying Company of California. (See Woelflin, William, assignor.)
- Petroleum Rectifying Company of California. (See Worthington, John T., assignor.)
- Petrone, Alfred L., Springfield, Mass. Movable toy. 2,033,051; Mar. 3.
- Petrus-Blumberger, José S., Delft, Netherlands, assignor to General Aniline Works, Inc., New York, N. Y. Azodyestuffs. 2,029,555; Feb. 4.
- Petry, William. (See Ringzelli, Arthur J., assignor.)
- Petschenig, Karl, Vienna, Austria, assignor to Actiengesellschaft C. P. Goerz Optische Anstalt Actiova Spolecnost K. P. Goerz optický ustav, Bratislava, Czechoslovakia. Calculating apparatus. 2,053,737; Sept. 8.
- Pettefer, Robert L., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Electric treater with diverging stream and method. 2,033,446; Mar. 10.
- Petter, Charles G., Paris, assignor to Societe Alsacienne d'Explosifs (Societe a Responsabilite Limitee) a Richwiller (Haut-Rhin) France. Automatic igniter for grenades. 2,058,822; Oct. 27.
- Petter, Percival W., Stoke-Bub-Hamdon, assignor to Petters Limited, Yeovil, England. Two-stroke internal combustion engine. 2,058,350; Oct. 20.
- Petters Limited. (See Petter, Percival W., assignor.)
- Pettersson, Leroy W., et al. (See Berger, Paul, assignor.)
- Pettersson, Hilde K., geb., Berling-Treptow, Germany. Apparatus for delivering and affixing labels, postage stamps, and the like. 2,027,287; Jan. 7.
- Pettett, Levi J., Lockland, J. R. Brown, Wyoming, and H. N. Mills, Cincinnati, Ohio. Fertilizer bag. 2,036,357; Apr. 7.
- Petty, Roy J. (See Regan, Charles, assignor.)
- Pettibone Mulliken Company. (See Larsen, Paul V., assignor.)
- Pettie, Allen D., Plainfield, N. J., assignor to General Cable Corporation, New York, N. Y. Insulating joint for cables. 2,060,745; Nov. 10.
- Pettit, Charles L., Bronxville, N. Y. Window structure. 2,066,051; Dec. 29.
- Pettit, Lewis R. (See Smith, H. A., Pettit, and Smith.)
- Pettit, Robert M., assignor to Ray-D-Ize Corporation, New York, N. Y. Destroying insects and the like. 2,051,057; Aug. 18.
- Pettler, Eugene H., Beaver Falls, Pa. Brick veneer. 2,040,627; May 12.
- Pettler, Eugene H., Beaver Falls, Pa. Making brick corners. 2,054,684; Sept. 15.
- Petty, Earl, Scarsdale, and H. C. Schutt, North Tarrytown, N. Y., assignors, by mesne assignment, to Gyro Process Company, Detroit, Mich. Converting hydrocarbon oils. 2,051,776; Aug. 18.
- Petty, Frank, Mitcham, and H. Petty, Doncaster, Victoria, Australia. Tilling implement. 2,055,632; Sept. 29.
- Petty, George B., Long Beach, Calif. Mortise doorlock. 2,032,590; Mar. 3.
- Petty, Herbert. (See Petty, Frank and H.)
- Petz, John L., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,056,364; Oct. 6.
- Petzholdt, J. S. (See Horn, Heinrich, assignor.)
- Petznick, Frank F., et al. (See Wert, Charles M., assignor.)
- Petznick, Herman P., Davenport, Iowa. Train pipe coupling. 2,032,096; Feb. 25.
- Petzold, Harold M., and N. N. Norton, Portland, Oreg. Flue radiator. 2,049,720; Aug. 4.
- Petzold, Werner. (See Clingstein, H., Petzold, and Hauck.)
- Petzoldt, Karl, Chemnitz, Germany. Jacquard machine. 2,045,162; June 23.
- Petzwal, Harry C. (See Lower, Alfred E.)
- Pevely Dairy Company. (See Karchhoff, Richard D., assignor.)
- Pevere, Ernest F., Beacon, assignor to The Texas Company, New York, N. Y. Lubricating oil. 2,039,111; Apr. 28.
- Pevere, Ernest F., Beacon, assignor to The Texas Company, New York, N. Y. Manufacture of lubricating oil. 2,045,922; June 30.
- Pevere, Ernest F., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing hydrocarbon oil. 2,054,775; Sept. 15.
- Pevere, Ernest F., Beacon, and C. G. Ludeman, Fishkill, assignors to The Texas Company, New York, N. Y. Lubricating oils. 2,031,227; Feb. 18.
- Pew, Arthur E., Jr., Bryn Mawr, assignor to Sun Oil Company, Philadelphia, Pa. Apparatus for chemically treating topped crude oil. 2,045,492; June 23.
- Pew, Arthur E., Jr., Bryn Mawr, and H. Thomas, Ridley Park, assignors to Sun Oil Company, Philadelphia, Pa. Separating gasoline from cracked mineral oil. 2,036,358; Apr. 7.
- Peycke, Armand H., Kenilworth, assignor to American Steel Foundries, Chicago, Ill. Brake head arrangement. 2,031,127; Feb. 18.
- Peyinghaus, Walter. (See Lehmann, Walter, assignor.)
- Peyinghaus, Walter, Egge, near Volmarstein-on-the-Ruhr, Germany. Apparatus for continuous machining of work-pieces and particularly in housings for axial bearings of rear vehicles. 2,028,008; Jan. 14.
- Peyrebrune, Henri E., River Forest, assignor to The Miehle Printing Press and Manufacturing Company, Chicago, Ill. Vibrating mechanism. 2,040,331; May 12.
- Peyrouze, Jean, Asnieres, France. Tank for petroleum or other liquids. 2,057,248; Oct. 13.
- Peys, James E. (See Demyttenaere, M. E., and Peys.)
- Peyser, Joseph, Mount Vernon, N. Y. Severing and feeding a web of flexible material. 2,049,135; July 28.
- Peyton, William C., New York, N. Y., assignor to The Standard Stoker Company, Incorporated. Locomotive tender. 2,029,297; Feb. 4.
- Peyton, William C., New York, N. Y., assignor to The Standard Stoker Company, Incorporated. Locomotive. 2,050,857; Aug. 11.
- Peyton, William C., New York, N. Y., assignor to The Standard Stoker Company, Incorporated. Stoker. 2,058,255; Oct. 20.
- Pezzella, Rocco, Washington, D. C. Hair curling device. 2,053,592; June 9.
- Pfaff, Ernest R., and C. L. Coon, Chicago, Ill., assignors to E. H. Scott. Radio receiving system. 2,035,668; Mar. 31.
- Pfaff, Georg, Breslau, Germany, assignor to Vereinigte Zünder-und Kabelwerke A.-G., Meissen/Sachsen, Germany. Electric power transmission system. 2,030,935; Feb. 18.
- Pfaff, Harry E., L. R. Shaffer, and A. Metherell, assignors to Tajmal Limited, Hamilton, Ontario, Canada. Spray gun. 2,054,136; Sept. 15.
- Pfaff, Kaspar. (Steindorf, A., Pfaff, Staudermann, Johansen, and Spoun.)
- Pfalzgraff, Ross M., Lynn, Mass., assignor to General Electric Company. Core for dynamo-electric machines. 2,053,162; Sept. 1.
- Pfannenstiel, Harry, Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Record projector. 2,046,697; July 7.
- Pfannenstiel, Hugo. (See Kleine, J., Pfannenstiel, and Matthes.)
- Pfannmüller, Julius. (See Wallerstein, L., and Pfannmüller.)
- Pfannschmidt, Rudolf, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk Siemensstadt, near Berlin, Germany. Telephone system. 2,053,779; Sept. 8.
- Pfanstiehl, Carl, Highland Park, Ill., assignor to Pfanstiehl Chemical Company. Tipping metallic bases. 2,032,887; Mar. 3.
- Pfanstiehl, Carl, Highland Park, assignor to Pfanstiehl Chemical Company, Waukegan, Ill. Making alloys. 2,048,706; July 28.
- Pfanstiehl, Carl, Highland Park, assignor to Pfanstiehl Chemical Company, Waukegan, Ill. Alloy. 2,048,707; July 28.
- Pfanstiehl, Carl, Highland Park, assignor to Pfanstiehl Chemical Company, Waukegan, Ill. Electric meter bearing. 2,048,708; July 28.
- Pfanstiehl, Carl, Highland Park, Ill., assignor to Pfanstiehl Chemical Company. Pen point. 2,053,407; Sept. 8.
- Pfanstiehl, Carl, Highland Park, assignor to Pfanstiehl Chemical Company, Waukegan, Ill. Coating metals. 2,053,408; Sept. 8.
- Pfanstiehl, Carl, Waukegan, Ill., assignor to Pfanstiehl Chemical Co. Pen point. 2,053,406; Sept. 8.
- Pfanstiehl Chemical Company. (See Pfanstiehl, Carl, assignor.)
- Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pressure regulator. 2,038,500; Apr. 21.
- Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydraulic turbine. 2,042,071; May 26.
- Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydraulic turbine. 2,055,134; Sept. 22.
- Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Impulse bucket. 2,059,648; Nov. 3.
- Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pressure regulator. 2,059,649; Nov. 3.
- Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydraulic turbine. 2,059,650; Nov. 3.
- Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Prime mover control system. 2,059,651; Nov. 3.
- Pfau, George M. (See Strezynski, G. J., and Pfau.)
- Pfau, George M., assignor to Texas Pacific Coal & Oil Co., Fort Worth, Tex. Cracking and apparatus. 2,049,018; July 28.
- Pfau, George M., and H. H. Pruitt, assignors to Texas Pacific Coal & Oil Co., Fort Worth, Tex. Vapor phase cracking apparatus. 2,035,275; Mar. 24.
- Pfau, George M., D. C. Bolin, and E. W. Zublin, assignors to Texas Pacific Coal & Oil Co., Fort Worth, Tex. Apparatus for mixing fluid masses. 2,053,876; Sept. 8.
- Pfauter, Edward M., assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Pump. 2,037,454; Apr. 14.



- Pfauser, Edward M., assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Pump. 2,044,857; June 23.
- Pfeifer, George F., Quincy, Ill., assignor to Quincy Compressor Co. Unloading mechanism for compressors. 2,047,489; July 14.
- Pfeifer, William D., East Selah, and L. Smoot, Yakima, Wash. Gas pump auditing machine. 2,055,157; Sept. 22.
- Pfeiffer, Frank E. (See Pfeiffer, William C. and F. E.)
- Pfeiffer, Frederick, Sr., Freeport, N. Y. Coffeepot. 2,034,956; Mar. 24.
- Pfeiffer, Karl, Detroit, Mich. Pressure indicating wrench. 2,063,622; Dec. 8.
- Pfeiffer, Karl, assignor to Chrysler Corporation, Detroit, Mich. Clutch mechanism. 2,029,187; Jan. 28.
- Pfeiffer, William C., assignor to The Egly Register Company, Dayton, Ohio. Typewriter attachment. 2,026,845; Jan. 7.
- Pfeiffer, William C., assignor to The Egly Register Company, Dayton, Ohio. Method and apparatus for handling multiple paper sheets. 2,027,612; Jan. 14.
- Pfeiffer, William C., assignor to The Egly Register Company, Dayton, Ohio. Apparatus for aligning paper and carbon sheets. 2,041,019; May 19.
- Pfeiffer, William C., assignor to The Egly Register Company, Dayton, Ohio. Typewriter attachment. 2,047,428; July 14.
- Pfeiffer, William C., assignor to The Egly Register Company, Dayton, Ohio. Apparatus for feeding and aligning paper sheets for a typewriter. 2,053,578; Sept. 8.
- Pfeiffer, William C. and F. E., assignors to The Egly Register Company, Dayton, Ohio. Autographic register. 2,041,020; May 19.
- Pfeiffer, William H., Philadelphia, Pa., assignor to Union Special Machine Company, Chicago, Ill. Uncurling device and gauge for sewing machines. 2,048,290; July 21.
- Pfeil, Alfred L., Cleveland, Ohio. Control apparatus. 2,047,702; July 14.
- Pfeil, Crescentia A. (See Pfeil, Victor A., assignor.)
- Pfeil, Fred C., Eggertsville, N. Y. Apparatus for dispensing liquid. 2,030,534; Feb. 11.
- Pfeil, Victor A., Orange, assignor to C. A. Pfeil, West Orange, N. J. Musical instrument. 2,048,515; July 21.
- Pfenning-Schumacher-Werke G. m. b. H. (See von Koch, Friedrich, assignor.)
- Pfingst, F. Osborne, et al. (See Grosse, William M., assignor.)
- Pfirmsmann, Theodor W., Castrop-Rauxel, Germany. Hydrogenation of carbonaceous materials. 2,041,858; May 26.
- Pfirmsmann, Theodor W., Castrop-Rauxel, assignor to Friedrich Uhde Ingenieur-Buro, Dortmund, Germany. Making granulated materials. 2,041,088; May 19.
- Pfirmsmann, Theodor W., Castrop-Rauxel, assignor to Friedrich Uhde Ingenieur-Buro, Dortmund, Germany. Hydrogenating carbonaceous materials. 2,057,971; Oct. 20.
- Pfister, Arthur, Ridgewood Plateau, N. Y., assignor to Radio Corporation of America. Electrical control system. 2,027,196; Jan. 7.
- Pfister, Arthur, Woodside, assignor to Newtowne Engineering Inc., New York, N. Y. Sound translating system. 2,052,110; Aug. 25.
- Pfister, Rudolf J., Oberlin, Ohio. Book rest. 2,043,304; June 9.
- Pfister, William A. (See Price, E., and Pfister.)
- Pfistershammer, Josef, Munich, Germany. Tubular pole. 2,036,771; Apr. 7.
- Pfistershammer, Josef, Vienna, Austria. Climbing-iron. 2,039,185; Apr. 28.
- Pfizer, Charles, & Company. (See Pasternack, R., and Giles, assignors.)
- Pfager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Wheel. 2,042,160; May 26.
- Pfager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Hopper car. 2,049,617; Aug. 4.
- Pfager, Harry M., St. Louis, Mo., E. G. Hallquist, Wallingford, and W. M. Sheehan, Merion, Pa., assignors to General Steel Castings Corporation, Granite City, Ill. Hopper car. 2,047,289; July 14.
- Pfanz, Charles F. (See Johnson, Frank R., assignor, and Pfanz.)
- Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track switch controlling apparatus. 2,046,180; June 30.
- Pfaum, William J., West View, Pa. Toy gasoline pump. 2,059,602; Nov. 3.
- Pfaum, William J., West View, Pa. Toy telephone. 2,059,603; Nov. 3.
- Pfeiderer, Ernst, Ludwigshafen, Germany, assignor, by mesne assignments, to Diamond Power Specialty Corporation, Detroit, Mich. Soot blower. 2,066,014; Dec. 29.
- Pfieger, Robert L., Dayton, Ohio. Food disher. 2,034,117; Mar. 17.
- Pfueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Making squids and the like. 2,038,127; Apr. 21.
- Pfueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Angler's implement. 2,050,194; Aug. 4.
- Pfohl, Harold F. L., Buffalo, N. Y. Polishing and coloring wheel. 2,033,253; Mar. 10.
- Pfundt, George M. (See Errig, W. F., and Pfundt.)
- Phail, Herman A., Detroit, Mich. Air register grid. 2,037,176; Apr. 14.
- Pharis Tire and Rubber Company. (See Reel, Ralph M., assignor.)
- Pharma Chemical Corporation. (See Markush, E. A., Mayzner, and Miller, assignors.)
- Phelan, Louis A. M., Chicago, Ill., and L. E. Koch, Beloit, Wis.; said Koch assignor to said Phelan. Confection freezer. 2,059,604; Nov. 3.
- Phelps, Alva W. (See Emmert, R. J., Goad, Baker, Shippy, Holmes, Phelps, and Birch.)
- Phelps, Alva W., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Lock switch and armored wire unit. 2,062,928; Dec. 1.
- Phelps, Clyde H., Mount Vernon, N. Y., assignor, by mesne assignments, to The Master Electric Company, Dayton, Ohio. Apparatus for calculating the angularity of steering wheels. 2,028,622; Jan. 21.
- Phelps, Clyde H., Mt. Vernon, N. Y., assignor to The Lantz-Phelps Corporation, Dayton, Ohio. Electrical testing means for gaseous fluids. 2,052,421; Aug. 25.
- Phelps Dodge Copper Products Corporation. (See Hurt, Ernest D., assignor.)
- Phelps Dodge Copper Products Corporation. (See Moody, C. F., and Mitchell, assignors.)
- Phelps Dodge Copper Products Corporation. (See Staples, Horace A., assignor.)
- Phelps Dodge Corporation. (See Fowler, M. G., and Barker, assignors.)
- Phelps Dodge Corporation. (See Niconoff, Dimitry, assignor.)
- Phelps Dodge Corporation. (See Ralston, Oliver C., assignor.)
- Phelps Dodge Corporation. (See Ralston, O. C., and Uren, assignors.)
- Phelps, Guy W. (See Roth, W. D., Brown, and Phelps.)
- Phelps, Howard S., South Ardmore, Pa. Auxiliary driving light. 2,036,435; Apr. 7.
- Phelps, Joseph, Stamford, Conn., assignor to Remington Typewriter Company, Ilion, N. Y. Manifold inking ribbon. 2,044,630; June 16.
- Phelps, Joseph, Herkimer, assignor to Remington Rand Inc., New York, N. Y. Typewriting machine. 2,044,631; June 16.
- Phelps, Paul. (See Vogt, C. W., and Phelps.)
- Philadelphia Drying Machinery Company, The. (See Reumann, Christian H., assignor.)
- Philadelphia Drying Machinery Company, The. (See Smith, E. L., and Belcher, assignors.)
- Philadelphia Drying Machinery Company, The. (See Wyman, Daniel E., assignor.)
- Philadelphia Metal Drying Form Company. (See Weber, Rudolph, assignor.)
- Philadelphia Quartz Company. (See Cleveland, Theodore K., assignor.)
- Philadelphia Quartz Company. (See Cleveland, T. K., and Stericker, assignors.)
- Philadelphia and Reading Coal and Iron Company, The. (See Beline, Walter E., assignor.)
- Philadelphia Storage Battery Company. (See Bowman, John M., assignor.)
- Philadelphia Storage Battery Company. (See Brown, Reynolds D., Jr., assignor.)
- Philadelphia Storage Battery Company. (See Leonard, Anthon A., assignor.)
- Philadelphia Storage Battery Company. (See McCaa, D. G., and Brown, assignors.)
- Philbin, Wilfred L. (See Dodge, E. S., and Philbin.)
- Philco Radio & Television Corporation. (See Albright, Robert B., assignor.)
- Philco Radio & Television Corporation. (See Barry, Gerald J., assignor.)
- Philco Radio and Television Corporation. (See Bobb, Lloyd J., assignor.)
- Philco Radio & Television Corporation. (See Bowman, John M., assignor.)
- Philco Radio & Television Corporation. (See Burton, Euclid O., assignor.)
- Philco Radio & Television Corporation. (See Gerhard, Charles E., assignor.)
- Philco Radio & Television Corporation. (See Pearson, Lawrence J., assignor.)
- Philp, Charles W., Santa Rosa, Calif. Engine fuel vaporizer. 2,061,043; Nov. 17.
- Philp, Hubert E., Shreveport, La., assignor of one-half to M. R. Spellman, Dallas, Tex. Formation testing tool for oil wells and the like. 2,034,957; Mar. 24.
- Philipp, Anton, Ozone Park, N. Y. Adjustable spring clamp. 2,058,102; Oct. 20.
- Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,047,429; July 14.
- Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,048,025; July 21.
- Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,048,026; July 21.
- Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,048,218; July 21.



- Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,051,801; Aug. 18.
- Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,051,802; Aug. 18.
- Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,056,482; Oct. 6.
- Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,058,906; Oct. 27.
- Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,058,907; Oct. 27.
- Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,058,908; Oct. 27.
- Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,065,536; Dec. 29.
- Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,065,537; Dec. 29.
- Philipp, Robert B., assignor to Corballogesellschaft m. b. H., Reutlingen, Germany. Flinging device for ball games. 2,029,790; Feb. 4.
- Philippe, Alfred, New York, N. Y. Brooch. 2,050,804; Aug. 11.
- Philippe, Alfred, New York, N. Y. Bracelet. 2,061,479; Nov. 17.
- Philippe, Louis, Inc. (See Lawry, Rolla, assignor.)
- Philippi, Carl A., New York, N. Y. Toy or game. 2,036,076; Mar. 31.
- Philips & Davies, Inc. (See Philips, Erwin B., assignor.)
- Philips, Erwin B., assignor to Philips & Davies, Inc., Kenton, Ohio. Sluice gate. 2,061,169; Nov. 17.
- Philips, William E., Chicago, Ill., assignor to Link Belt Company. Building levees. 2,040,022; May 5.
- Phillips, Albert J. (See Betterton, J. O., and Phillips.)
- Phillips, Albert J., Metuchen, and C. E. Swartz, Highland Park, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Melting and handling cadmium and its alloys. 2,040,269; May 12.
- Phillips, Arthur H., Hempstead, N. Y., and W. Allan, Jr., Ridgefield Park, N. J., assignors, by mesne assignments, to American Sales Book Company, Inc. Record. 2,064,942; Dec. 22.
- Phillips, Bernard C., Detroit, Mich. Intake control for internal combustion engines. 2,033,004; Mar. 3.
- Phillips, Charles S. (See Morse, J. W., and Phillips.)
- Phillips, Charles, and G. M. Harris, Louisville, Ky. Air-circulatory system for dry kilns. 2,060,111; Nov. 10.
- Phillips, Charles H., assignor to Fairway Real Estate Company, Incorporated, Richmond, Va. Jewelry. 2,060,345; Nov. 10.
- Phillips, Charles W., Warren, Ohio. Rolling mill. 2,047,883; July 14.
- Phillips, Clyde D. (See Adams, O. P., Phillips, and Vorce.)
- Phillips, Edward W., Flint, Mich. Semiautomatic door anchor. 2,046,790; July 7.
- Phillips, George L., Newkirk, Okla. Advertising display device. 2,045,675; June 30.
- Phillips, Harley R., Oak Park, and H. J. Clarke, Chicago, Ill., assignors to Mojonner Bros. Co. Filling machine. 2,034,921; Mar. 24.
- Phillips, Harley R., Oak Park, and H. J. Clarke, Chicago, Ill., assignors to Mojonner Bros. Co. Filling machine. 2,049,722; Aug. 4.
- Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Stop clamp. 2,038,235; Apr. 21.
- Phillips, Henry F., Portland, Oreg., assignor, by mesne assignments, to Phillips Screw Company, Wilmington, Del. Screw. 2,046,343; July 7.
- Phillips, Henry F., Portland, Oreg., assignor, by mesne assignments, to Phillips Screw Company, Wilmington, Del. Uniting a screw with a driver. 2,046,837; July 7.
- Phillips, Henry F., Portland, Oreg., assignor, by mesne assignments, to Phillips Screw Company, Wilmington, Del. Screw driver. 2,046,838; July 7.
- Phillips, Henry F., and T. M. Fitzpatrick, Portland, Oreg., assignor to Phillips Screw Company, Wilmington, Del. Screw. 2,046,839; July 7.
- Phillips, Henry F., Piedmont, Calif., and T. M. Fitzpatrick, New York, N. Y., assignors to Phillips Screw Company, Wilmington, Del. Screw driver. 2,046,840; July 7.
- Phillips, Howard D., Vancouver, Wash. Strainer. 2,028,520; Jan. 21.
- Phillips, Irving M., and P. W. Kalinsey, assignors to Continental Equipment Company, Chicago, Ill. Pump construction. 2,055,046; Sept. 22.
- Phillips, James F., Benham, Ky. Car stop. 2,048,946; July 28.
- Phillips, John A., Nottingham, England. Machine for the production of knitted fabrics. 2,030,317; Feb. 11.
- Phillips, John J., Fairfield, Ala. Making ammonium phosphates. 2,040,563; May 12.
- Phillips, John W., El Campo, Tex. Cotton chopper. 2,048,196; July 21.
- Phillips, Leland A., Rochester, N. Y. Ink pad for rubber stamps. 2,028,842; Jan. 28.
- Phillips, Lester L., Pittsfield, Mass., assignor to General Electric Company. Joint for fluid filled cables and making the same. 2,053,163; Sept. 1.
- Phillips, Milford C., North Hollywood, and V. Havenner, Bell, Calif. Circuit controlling system. 2,043,461; June 9.
- Phillips Petroleum Company. (See Anguish, Frank, assignor.)
- Phillips Petroleum Company. (See Bogatz, Henry, assignor.)
- Phillips Petroleum Company. (See Drennan, Harry E., assignor.)
- Phillips Petroleum Company. (See Endacott, Paul S., assignor.)
- Phillips Petroleum Company. (See Fitch, Louis H., Jr., assignor.)
- Phillips Petroleum Company. (See Frey, Frederick E., assignor.)
- Phillips Petroleum Company. (See Frey, F. E., Huppké, and Guyer, assignors.)
- Phillips Petroleum Company. (See Guyer, Jesse A., assignor.)
- Phillips Petroleum Company. (See Guyer, J. A., Frey, and Huppké, assignors.)
- Phillips Petroleum Company. (See McQuiston, Horace L., assignor.)
- Phillips Petroleum Company. (See Morey, Glen H., assignor.)
- Phillips Petroleum Company, et al. (See Rhodes, George I., assignor.)
- Phillips Petroleum Company. (See Riney, A. H., and Gibbs, assignors.)
- Phillips Petroleum Company. (See Schulze, Walter A., assignor.)
- Phillips Petroleum Company. (See Schulze, W. A., and Chaney, assignors.)
- Phillips Petroleum Company. (See Shanor, George M., assignor.)
- Phillips Petroleum Company. (See Reid, J. A., and Schulze, assignors.)
- Phillips Petroleum Company. (See Riney, A. H., and Gibbs, assignors.)
- Phillips Petroleum Company. (See Thomas, Rosswell W., assignor.)
- Phillips Petroleum Company. (See Youker, Malcolm P., assignor.)
- Phillips Refrigeration Products, Inc. (See Phillips, Walter C., assignor.)
- Phillips, Robert E., Portland, Oreg. Wardrobe trunk. 2,051,273; Aug. 18.
- Phillips, Russell W., Rockville Centre, N. Y., assignor, by mesne assignments, to Nashua Gummed & Coated Paper Company, Nashua, N. H. Strip serving apparatus. 2,035,373; Mar. 24.
- Phillips, Russell W., Rockville Centre, N. Y., assignor, by mesne assignments, to Nashua Gummed & Coated Paper Company, Nashua, N. H. Rendering strip material adhesive. 2,035,374; Mar. 24.
- Phillips, Russell W., Rockville Centre, N. Y., assignor, by mesne assignments, to Nashua Gummed & Coated Paper Company, Nashua, N. H. Moistening, or rendering adhesive, strip material. 2,035,375; Mar. 24.
- Phillips Screw Company. (See Phillips, Henry F., assignor.)
- Phillips Screw Company. (See Phillips, H. F., and Fitzpatrick, assignors.)
- Phillips, Stephen M. (See Crecca, J. D., and Phillips.)
- Phillips, Walter C., assignor to Phillips Refrigeration Products, Inc., San Francisco, Calif. Car cooling device. 2,027,834; Jan. 14.
- Phillips, Walter E., assignor to A. F. Dormeyer Mfg. Co., Chicago, Ill. Food mixer support. 2,047,288; July 14.
- Phillips, Walter W., Hiram, Ga. Adjusting the width of walking cultivators. 2,050,731; Aug. 11.
- Phillips, William A., assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Die stock. 2,058,909; Oct. 27.
- Philmllee, Stephen A. (See Smith, Alton P., assignor.)
- Philp, William J., Melrose Park, Ill., assignor to American Can Company, New York, N. Y. Control device for can machinery. 2,061,589; Nov. 24.
- Philrand, Inc. (See Rand, James H., assignor.)
- Phily, dit de Phily, Claude J. F., Le Genest, France. Apparatus for the amalgamation of ores. 2,043,115; June 2.
- Phily, Fernand, Lyon, France. Loom for weaving. 2,057,053; Oct. 13.
- Phinney, Edgar E., West Orange, N. J., assignor to Defiance Manufacturing Corporation, Orange, N. J. Check writer. 2,042,959; June 2.
- Phinney, Edgar E., West Orange, assignor to Defiance Manufacturing Corporation, Orange, N. J. Check writer. 2,056,292; Oct. 6.
- Phinney, Robert M. (See Leake, R. C., and Phinney.)
- Phinney, Robert M., assignor to General Railway Signal Company, Rochester, N. Y. Railway traffic controlling system. 2,049,398; July 28.
- Phinney-Walker Co. Inc. (See Berti, Joseph, assignor.)
- Phipps & Bird, Inc. (See Bird, L. C., Rexrode, and Chapell, assignors.)
- Phipps, John T., Los Angeles, assignor to S. R. Bowen Company, Huntington Beach, Calif. Rotary bit. 2,039,551; May 5.
- Phipps, John T., assignor to L. R. Knowlton, Los Angeles, Calif. Circulation packer. 2,058,103; Oct. 20.
- Phipps, John T., Los Angeles, Calif., assignor to L. R. Knowlton. Packer and valve. 2,061,289; Nov. 17.



- Phoenix, Ernest T., Amsterdam, N. Y., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Setting frame. 2,027,319; Jan. 7.
- Phoenix Glass Company, The. (See Kucera, Peter, assignor.)
- Phoenix Glass Company, The. (See Stewart, Andrew H., assignor.)
- Phoenix Glass Company, The. (See Stewart, Frederick W., assignor.)
- Phoenix Hosiery Company. (See Erickson, Charles G., assignor.)
- Phoenix Hosiery Company. (See Schuknecht, Walter O., assignor.)
- Phoenix Metal Cap Company. (See Pedersen, Oscar F., assignor.)
- Photo Marketing Corporation. (See Reinhold, E., and Bing, assignors.)
- Photostat Corporation. (See Landrock, Paul, assignor.)
- Physical Chemistry Research Cy. (See Michot-Dupont, Georges F., assignor.)
- Placentini, Jorge M., Buenos Aires, Argentina. Wrist watch. 2,057,913; Oct. 20.
- Placentini, Jorge M., assignor to Noel & Cia., Ltda., Buenos Aires, Argentina. Compressed coffee tablet and preparing same. 2,053,106; Sept. 1.
- Piatt, Howard I., assignor to Motor Wheel Corporation, Lansing, Mich. Flue cleaning device. 2,041,779; May 26.
- Piatti, Pasquale, Paterson, N. J. Loom stop motion. 2,043,116; June 2.
- Piazzoli, Louis P., Jr., assignor to Capstan Glass Company, Connellsville, Pa. Annealing leer. 2,056,207; Oct. 6.
- Pica, Francesco A., Belleville, N. J. Safety razor. 2,037,588; Apr. 14.
- Picard, John B., assignor to The National-Superior Company, Toledo, Ohio. Straight line pumper. 2,047,490; July 14.
- Picard, John B., and J. C. Bush, Toledo, Ohio, assignors to The Pure Oil Company, Chicago, Ill. Packing device. 2,065,020; Dec. 22.
- Picard, René. (See Pierrat, P., and Picard.)
- Picard, René, Vaulx-en-Velin, and R. Fays, Gauchy, France, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic materials and preparing same. 2,064,355; Dec. 15.
- Picard, René, Vaulx-en-Velin, and R. Fays Gauchy, France, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic materials and producing same. 2,064,356; Dec. 15.
- Picardo, Cesare, Genoa, Italy. System for the prevention of scale formation and for the continuous automatic discharge of mud from steam boilers and heaters of liquids. 2,042,122; May 26.
- Piché, Frank W., Detroit, Mich. Barrel conditioning machine. 2,050,119; Aug. 4.
- Picinich, Charles, Brooklyn, assignor to Majestic Metal Specialties, Inc., New York, N. Y. Handbag. 2,055,879; Sept. 29.
- Pick, Eric, New York, N. Y., assignor to The Permutit Company (1934), Wilmington, Del. Water softening apparatus. 2,052,515; Aug. 25.
- Pick, Eric, New York, N. Y., assignor to The Permutit Company (1934), Wilmington, Del. Water treating apparatus. 2,061,714; Nov. 24.
- Pick, Eric, assignor to The Permutit Company, New York, N. Y. Water treating apparatus. 2,061,715; Nov. 24.
- Pickard, Fred. (See Pickard, Oliver J., and F.)
- Pickard, Oliver J., Philadelphia, Pa. Detachable cutter blade pile wire. 2,044,632; June 16.
- Pickard, Oliver J., and F., Philadelphia, Pa. Pile wire. 2,030,763; Feb. 11.
- Pickard, Thomas W., Columbus, Ohio. Sprayer. 2,064,178; Dec. 15.
- Pickell, Luther V., Harriman, Tenn. Feeder. 2,044,326; June 16.
- Pickener, Walter H. (See Blood, H. L., and Pickener.)
- Pickens, Claude A., Spokane, Wash. Ironing machine. 2,050,502; Aug. 11.
- Pickering, Albert V., and F. W. Willis, assignors to Multi-Products, Inc., Fitchburg, Mass. Metal perforating machine. 2,048,197; July 21.
- Pickering Governor Company, The. (See Crafts, Irving M., assignor.)
- Pickering Governor Company, The. (See Crafts, I. M., and Taylor, assignors.)
- Pickett, Francis N., Westminster, London, England, assignor to United States Rubber Products, Inc., New York, N. Y. Purification of rubber distillates. 2,039,112; Apr. 28.
- Pickett, Francis N., Westminster, London, England, assignor to United States Rubber Products, Inc., New York, N. Y. Hard rubber dust. 2,042,960; June 2.
- Pickett, Sterling P., Madison, Mo. Popcorn popper. 2,041,369; May 19.
- Pickhaver, Lionel G., Chicago, Ill., assignor to General Electric Company. Arc welding. 2,046,966; July 7.
- Pickop, George B., New Haven, Conn. Vibrator. 2,030,936; Feb. 18.
- Pickop, George B., New Haven, Conn. Bolt and nut. 2,036,604; Apr. 7.
- Pickop, George B., assignor to The New Haven Vibrator Company, Inc., New Haven, Conn. Pipe fitting. 2,062,145; Nov. 24.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Gasoline stove. 2,041,145; May 19.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Gasoline stove. 2,046,408; July 7.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Cooking top cover. 2,049,080; July 28.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Top cover for cook stoves. 2,056,737; Oct. 6.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Oven thermometer. 2,059,272; Nov. 3.
- Pickworth, John W. (See Weiskopf, W. H., and Pickworth.)
- Picolet, Lucien E., Philadelphia, Pa. Tie retainer. 2,042,961; June 2.
- Pieck, Carl E., Covington, Ky. Convertible container. 2,057,972; Oct. 20.
- Piehl, Sven O., and H. Friberg, Stockholm, Sweden. Apparatus for attaching seal caps on bottles. 2,032,225; Feb. 25.
- Piel, Edwin A., assignor to Clardon Corporation, Buffalo, N. Y. Dirt indicator for lubricating oil. 2,043,964; June 9.
- Pielstick, Gustav, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Locomotive. 2,026,846; Jan. 7.
- Pielstick, Gustav, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Spring element. 2,039,342; May 5.
- Pielstick, Gustav, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Coupling. 2,066,223; Dec. 29.
- Pielstick, Gustav, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Vibration damper for shafts. 2,066,224; Dec. 29.
- Pieper, Alphonse F., et al. (See Meitzler, Charles R., assignor.)
- Pieper, Alphonse F. (See Pieper, Oscar H. and A. F.)
- Pieper, Alphonse F., Rochester, N. Y. Counterbalanced supporting mechanism. 2,036,097; Mar. 31.
- Pieper, Henri, Brussels, Belgium. Brake system. 2,029,670; Feb. 4.
- Pieper, Oscar H., et al. (See Meitzler, Charles R., assignor.)
- Pieper, Oscar H., Rochester, N. Y. Connector for X-ray tubes. 2,029,584; Feb. 4.
- Pieper, Oscar H., Rochester, N. Y. X-ray apparatus. 2,036,095; Mar. 31.
- Pieper, Oscar H., Rochester, N. Y. X-ray apparatus. 2,036,096; Mar. 31.
- Pieper, Oscar H. and A. F., Rochester, N. Y. Fluid compressor. 2,036,098; Mar. 31.
- Pier, Mathias. (See Krauch, C., and Pier.)
- Pier, Mathias, Heidelberg, Germany, assignor, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Conversion of liquid carbonaceous materials of high boiling point range. 2,045,794; June 30.
- Pier, Mathias, Heidelberg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Treatment of carbonaceous materials. 2,055,633; Sept. 29.
- Pier, Mathias, Heidelberg, W. Simon, and W. Kroenig, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. hydrogenating distillable carbonaceous materials. 2,028,348; Jan. 21.
- Pier, Mathias, Heidelberg, and F. Christmann, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Lubricant and making same. 2,028,349; Jan. 21.
- Pier, Mathias, Heidelberg, and P. Jacob and W. Simon, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Carrying out catalytic reactions. 2,038,599; Apr. 28.
- Pier, Mathias, Heidelberg, and P. Jacob and W. Simon, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Carrying out catalytic reactions. 2,039,259; Apr. 28.
- Pier, Mathias, Heidelberg, F. Ringer, and W. Simon, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Production of hydrocarbons of low boiling point. 2,045,795; June 30.
- Pier, Mathias, Heidelberg, F. Christmann, Ludwigshafen-on-the-Rhine, and E. Donath, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Improving hydrocarbon mixtures. 2,049,019; July 28.
- Pier, Mathias, Heidelberg, B. Engel, Mannheim, and W. Kroenig, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Conversion of carbonaceous materials. 2,054,776; Sept. 15.
- Pier, Mathias, and A. Eisenhut, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of valuable oils from asphaltic and resinous hydrocarbon mixtures. 2,055,135; Sept. 22.
- Pier, Mathias, Heidelberg, and E. Donath, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of lubricating oil. 2,063,623; Dec. 8.
- Pierce, Albert R., Jr., New Bedford, Mass. Wind angle indicator. 2,027,613; Jan. 14.
- Pierce, Burt N., New York, N. Y. Lubricating system for internal combustion engines. 2,064,078; Dec. 15.



- Pierce, Charles M., deceased, Detroit, Mich., L. Pierce, executrix. Slug rejector. 2,064,686; Dec. 15.
- Pierce, Edward V., Hi-Nella, N. J. Cord take-up device. 2,052,488; Aug. 25.
- Pierce, Frank M., Miami, Fla. Amusement device. 2,044,994; June 23.
- Pierce, Frank M., Miami, Fla. Amusement device. 2,044,995; June 23.
- Pierce, George R., Claremont, N. H. Filling and closing means for receptacles. 2,055,704; Sept. 29.
- Pierce, George W. (See Noyes, Atherton, Jr., assignor.)
- Pierce, George W. (See Steinberger, Raymond L., assignor.)
- Pierce, George W., Cambridge, Mass. Acoustic electric energy converter. 2,031,789; Feb. 25.
- Pierce, George W., Cambridge, Mass. Direction, transmission, and reception method and system. 2,063,944; Dec. 15.
- Pierce, George W., Cambridge, Mass. Diaphragm and method. 2,063,945; Dec. 15.
- Pierce, George W., Cambridge, Mass. Sound communication system. 2,063,946; Dec. 15.
- Pierce, George W., Cambridge, Mass. Compensator. 2,063,947; Dec. 15.
- Pierce, George W., Cambridge, Mass. Magnetostrictive vibrator. 2,063,949; Dec. 15.
- Pierce, George W., Cambridge, and A. Noyes, Jr., Winchester, Mass., said Noyes, Jr., assignor to said Pierce. Compensator and method. 2,063,948; Dec. 15.
- Pierce, Harold S., Indianapolis, Ind., assignor to Link-Belt Company, Chicago, Ill. Power transmission chain. 2,047,833; July 14.
- Pierce, Harry, assignor to The Pilgrim Laundry, Inc., Brooklyn, N. Y. Cutting and gumming machine. 2,057,264; Oct. 13.
- Pierce, James B., Jr., assignor to Barium Reduction Corporation, Charleston, W. Va. Dehydrating Glauber's salt. 2,054,520; Sept. 15.
- Pierce, James B., Jr., assignor to Barium Reduction Corporation, Charleston, W. Va. Manufacture of peroxide. 2,066,015; Dec. 29.
- Pierce, James H., Fairfield, Wash. Division block for balers. 2,052,653; Sept. 1.
- Pierce, John B., Foundation. (See Davison, Robert L., assignor.)
- Pierce, John B., Foundation. (See Davison, R. L., and Ludwig, assignors.)
- Pierce, John B., Foundation. (See Groeniger, William C., assignor.)
- Pierce, John B., Foundation. (See Strong, William E. S., assignor.)
- Pierce, Joseph H., Tulsa, Okla. Valve-lubricating device. 2,057,343; Oct. 13.
- Pierce, Lawrence, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electromagnetic contact. 2,032,147; Feb. 25.
- Pierce, Lee D. (See Wright, W. L. and Pierce.)
- Pierce, Loduskia, executrix. (See Pierce, Charles M.)
- Pierce, Lonnie J. (See Bishop, F. L., Shoemaker, Pierce, Wood, and Donnini.)
- Pierce, Lucien, assignor of one-half to Family Laundry Co., Malden, and one-half to G. W. Hooper, Salem, Mass. Method of and apparatus for washing fabrics. 2,030,394; Feb. 11.
- Pierce, Orbra C., Waco, assignor of one-fifth to G. Gilchrist, one-fifth to J. B. Early, one-fifth to J. L. Green, all of Travis County, and one-fifth to E. C. Woodward, McLennan County, Tex. Weed cutter. 2,062,820; Dec. 1.
- Pierce, Paul W., Alhadena, Calif. Queen bee grafting tool. 2,054,993; Sept. 22.
- Pierce, Ralph B., and A. W. Trusty, assignors to Louisiana Oil Refining Corporation, Shreveport, La. Treating hydrocarbon oils. 2,060,112; Nov. 10.
- Pierce, Ralph E., Larchmont, assignor to American Telephone and Telegraph Company, New York, N. Y. Typewriter system. 2,055,586; Sept. 29.
- Pierce, Raymond C., Chicago, Ill., assignor to General American Tank Car Corporation. Refrigerator structure. 2,027,878; Jan. 14.
- Pierce, Raymond C., Chicago, Ill., assignor to General American Tank Car Corporation. Tank car. 2,059,025; Oct. 27.
- Pierce, Raymond T., Millburn, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical control board. 2,043,904; June 9.
- Pierce, Robert C., assignor to National-Standard Company, Niles, Mich. Tire and making the same. 2,028,165; Jan. 21.
- Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Filter. 2,035,758; Mar. 31.
- Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Expandable cover. 2,041,950; May 26.
- Pierce, Russell J. (See Weber, H., and Pierce.)
- Pierce, Silas W., Kenmore, assignor to Remington Rand Inc., Buffalo, N. Y. Record member for card index systems. 2,043,675; June 9.
- Pierce, William H., Coalinga, Calif. Filter. 2,064,030; Dec. 15.
- Piercy, Carl A., Ballston Lake, N. Y., assignor to General Electric Company. Reel for fluid filled cables. 2,048,516; July 21.
- Piercy, Carl A., Ballston Lake, N. Y., assignor to General Electric Company. High tension oil-filled cable. 2,056,017; Sept. 29.
- Piercy, Joseph W. (See Bennett, Joseph A., assignor.)
- Pierle, Henry C., assignor to The R. K. LeBlond Machine Tool Company, Cincinnati, Ohio. Loading and unloading of work in machine tools. 2,042,123; May 26.
- Pieroh, Kurt. (See Mueller-Cunradi, M., and Pieroh.)
- Pierpoint, Walter, Alexandria, Va. Roach trap. 2,054,730; Sept. 15.
- Pierpont, Benjamin. (See Coulling, Harry M., assignor.)
- Pierrat, Paul, and R. Picard, Paris, France, assignors to Du Pont Rayon Company, New York, N. Y. Manufacture of thread. 2,045,722; June 30.
- Piers, Eber F., Ogden, Utah. Automatic radiator control. 2,058,104; Oct. 20.
- Piersol, Paul E., et. al. (Grady, John J., assignor.)
- Pierson, Benjamin J., assignor to D. H. P. Manufacturing Co., Inc., Johnstown, N. Y. Leather working machine. 2,054,443; Sept. 15.
- Pierson, Charles A., assignor to The Standard Electric Stove Company, Toledo, Ohio. Inclosed heating element for electric stoves. 2,026,797; Jan. 7.
- Pierson, Charles A., assignor to The Standard Electric Stove Company, Toledo, Ohio. Portable electric lighting fixture. 2,034,353; Mar. 17.
- Pierson, Gordon G., Lansdale, Pa., assignor to Perkins Glue Company. Adhesive composition and making same. 2,030,073; Feb. 11.
- Pierson, Gordon G., Lansdale, Pa. Separation and recovery of au, pt, pd, se, te, and as by means of mercurous salts. 2,044,366; June 16.
- Pierson, Harold L., Auburn, N. Y. Pattern. 2,065,734; Dec. 29.
- Pierson, Harold L., Torrington, assignor to The American Brass Company, Waterbury, Conn. Copper-zinc-lead-phosphorous alloy and article. 2,062,426; Dec. 1.
- Pierson, Harold L., Torrington, assignor to The American Brass Company, Waterbury, Conn. Copper-tin-phosphorus-zinc alloy. 2,062,427; Dec. 1.
- Pierson, John F., and H. E. Krug, White Plains, N. Y. Nursing bottle. 2,056,124; Sept. 29.
- Pierson, Oscar E., Brooklyn, assignor to The Western Union Telegraph Company, New York, N. Y. Regenerative repeater for telegraph systems. 2,053,044; Sept. 1.
- Pierson, Paul R., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,039,028; Apr. 28.
- Pierson, Walter D. (See Kirwin, Charles A., assignor.)
- Pierson, William D., assignor to The Waterbury Farrel Foundry & Machine Company, Waterbury, Conn. Belt driven wire spooler. 2,029,832; Feb. 4.
- Pierson, William D., and G. W. Jackman, assignors to The Waterbury Farrel Foundry & Machine Company, Waterbury, Conn. High speed wire drawing machine. 2,044,484; June 16.
- Pietzsch, Frank H. (See Campbell, S. H., and Pietzsch.)
- Piffath, Peter, Elmhurst, N. Y. Circuit breaker. 2,036,295; Apr. 7.
- Piffath, Peter, Elmhurst, N. Y. Circuit breaker. 2,061,920; Nov. 24.
- Piffath, Peter, Great Neck, N. Y. Induction coil. 2,062,014; Nov. 24.
- Pigal, Roland A. (See Blanchard, P. L. C., Delot, and Pigal.)
- Piggott, Henry A. (See Evans, J. G., and Piggott.)
- Piggott, Henry A. (See Lodge, F., and Piggott.)
- Piggott, Henry A., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Chemical compounds derivable from urea and ethylene oxide, and useful as textile assistants. 2,059,273; Nov. 3.
- Piggott, Henry A., Cheadle Hulme, England, assignor to Imperial Chemical Industries Limited. Boric acid esters. 2,052,192; Aug. 25.
- Piggott, Henry A., and G. S. J. White, Blackley, Manchester, assignors to Imperial Chemical Industries Limited, Westminster, England. Waterproofing leather. 2,032,097; Feb. 25.
- Piggott, Henry A., and G. S. J. White, Blackley, Manchester, assignors to Imperial Chemical Industries Limited, Westminster, England. Treatment of leather. 2,044,099; June 16.
- Piggott, Henry A., and G. S. J. White, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Dispersing and emulsifying agents. 2,049,512; Aug. 4.
- Pigman, Reed W., assignor to The Codeway Company, Newton, Iowa. Key cutter. 2,058,719; Oct. 27.
- Pigott, Reginald J. S., assignor, by mesne assignments, to Gulf Research & Development Company, Pittsburgh, Pa. Rotary pump. 2,053,919; Sept. 8.
- Pigott, Reginald J. S., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Pump. 2,055,587; Sept. 29.
- Pigott, Reginald J. S., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Nozzle for spraying viscous oil. 2,058,823; Oct. 27.
- Pigott, Reginald J. S., assignor, by mesne assignments, to Gulf Research & Development Company, Pittsburgh, Pa. Valve and valve assembly. 2,061,480; Nov. 17.
- Pigott, Reginald J. S., Pittsburgh, and A. A. Lane, Fox Chapel, Pa., assignors to Gulf Research & Development Corporation, Wilmington, Del. Machine for testing bearings and lubricants. 2,033,588; Mar. 10.
- Pihl, Sophus E., Dorchester, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Cover and like fastener installation and fastener for the same. 2,065,908; Dec. 29.



- Pike, Earle E., Corsicana, Tex. Quilting frame. 2,030,608; Feb. 11.
- Pike, Henry L., Greensboro, N. C., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Automatic Clutch control. 2,064,563; Dec. 15.
- Pike, Robert D., Diablo, assignor to Kalif Corporation, Emeryville, Calif. Manufacture of compound strip. 2,062,795; Dec. 1.
- Pike, Robert D., Piedmont, assignor to Kalif Corporation, Emeryville, Calif. Process and apparatus for making bearings. 2,042,800; June 2.
- Pike, Robert D., Piedmont, assignor to Kalif Corporation, Emeryville, Calif. Making bearings. 2,058,621; Oct. 27.
- Pike, Vernon B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gas pressure alarm contactor. 2,058,256; Oct. 20.
- Pikul, Joseph H., Boston, and C. A. O. Grip, Newton, assignors to The Reece Button Hole Machine Company, Boston, Mass. Cutter for buttonhole machines. 2,063,398; Dec. 8.
- Pilger, Emil F., assignor to Snap-On Tools, Inc., Kenosha, Wis. Wrench handle. 2,028,561; Jan. 21.
- Pilgrim Laundry, Inc., The. (See Krueger, August F., assignor.)
- Pilgrim Laundry, Inc., The. (See Pierce, Harry, assignor.)
- Pilkington Brothers Limited. (See Clitherow, William B., assignor.)
- Pilkington Brothers Limited. (See Gaskell, Joseph, assignor.)
- Pilkington Brothers Limited. (See Gaskell, J., and Watt, assignors.)
- Pilkington Brothers Limited. (See Griffin, James H., assignor.)
- Pilkington Brothers Limited. (See Le Mare, Alfred H., assignor.)
- Pilkington Brothers Limited. (See Slocombe, Frank E., assignor.)
- Pilkington Brothers Limited. (See Waldron, Frederic B., assignor.)
- Pilkington, Charles, Madison, Tenn. Electric system for vehicles. 2,038,195; Apr. 21.
- Pilkington, William, Beckley, W. Va. Car stop. 2,037,589; Apr. 14.
- Pilla, Tony, Trenton, N. J. Ignition distributor for combustion engines. 2,055,880; Sept. 29.
- Pilling, Norman B., Elizabeth, and P. D. Merica, Plainfield, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Iron-nickel-titanium alloy. 2,048,163; July 21.
- Pilling, Norman B., Elizabeth, N. J., and P. D. Merica, assignors to The International Nickel Company, Inc., New York, N. Y. Treating alloys. 2,048,164; July 21.
- Pilling, Norman B., Elizabeth, N. J., and P. D. Merica, assignors to The International Nickel Company, New York, N. Y. Iron-nickel-titanium alloys. 2,048,165; July 21.
- Pilling, Norman B., Elizabeth, N. J., and P. D. Merica, assignors to The International Nickel Company, New York, N. Y. Copper-nickel-titanium alloys. 2,048,166; July 21.
- Pilling, Norman B., Westfield, N. J., and P. D. Merica, assignors to The International Nickel Company, Inc., New York, N. Y. Nickel-chromium-iron-titanium alloys. 2,048,167; July 21.
- Pilliod Company, The. (See Judson, Alfred O., assignor.)
- Pilliod, Thomas J., and F. C. Müller, Swanton, Ohio, assignors to De Haven Razor Corporation. Self-sharpening safety razor. 2,041,680; May 19.
- Pilliod, Thomas J., and F. C. Müller, Swanton, Ohio, assignors to De Haven Razor Corporation. Self-sharpening safety razor. 2,045,365; June 23.
- Pilliod, Thomas J., and F. C. Müller, Swanton, Ohio, assignors to De Haven Razor Corporation. Self-sharpening safety razor. 2,045,366; June 23.
- Pilliod, Thomas J., and F. C. Müller, Swanton, Ohio, assignor to De Haven Razor Corporation. Self-sharpening safety razor. 2,059,744; Nov. 3.
- Pillischafske, Edward L., Peoria, Ill. Micrometer. 2,059,141; Oct. 27.
- Pillsbury, Lawrence K. (See Levinson, A. A., and Pillsbury.)
- Pilot, Israel, New York, N. Y. Brassière. 2,045,871; June 30.
- Pilot Radio Corporation. (See Cooper, W. H., and Pinkham, assignors.)
- Pimentel, Thomas, Campinas, Brazil. Automatic type-writing marginator. 2,030,395; Feb. 11.
- Pimsner, Carl J., Cleveland Heights, assignor to The Foundry Equipment Company, Cleveland, Ohio. Insulating panel. 2,047,154; July 7.
- Pinaud, John A., Atlantic Highlands, N. J., assignor to Rand McNally & Company, New York, N. Y. Globe mounting. 2,029,252; Jan. 28.
- Pinaud, John, Atlantic Highlands, and G. Quick, North Arlington, N. J., assignors, by mesne assignments, to Universal Form Clasp Company, Chicago, Ill. Beam clamp. 2,050,858; Aug. 11.
- Pincin, William, Altoona, Pa. Micrometer. 2,029,940; Feb. 4.
- Pinckard, Paul M., Buffalo, N. Y. Paired flue and regenerative by-product coke oven. 2,049,136; July 28.
- Pincus, Ethel. (See Horwitt, N. G., and Katcher, assignors.)
- Pine, Paul R., assignor to The Harshaw Chemical Company, Elyria, Ohio. Depositing metals electrolytically. 2,029,386; Feb. 4.
- Pine, Paul R., assignor to The Harshaw Chemical Company, Elyria, Ohio. Electrodeposition. 2,029,387; Feb. 4.
- Pine, Paul R., Elyria, assignor to The Chandler Chemical Company, Cleveland, Ohio. Buffing and polishing composition and using the same. 2,055,220; Sept. 22.
- Pine-Felt Corporation of Mississippi, The. (See Ratliff, A. T., and Guice, assignors.)
- Pine Kinder Corporation. (See Chaney, Franklin V., assignor.)
- Pinell, Walter, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,056,738; Oct. 6.
- Pines Winterfront Company. (See Bargar, Frederick C., assignor.)
- Pines Winterfront Company. (See Raleigh, James F., assignor.)
- Pinkenburg, Heinrich F., Newtown Square, Pa., assignor to J. G. Denny, Jr. Coin controlled apparatus. 2,028,729; Jan. 21.
- Pinkerton Folding Box Co. (See Roe, Frank L., assignor.)
- Pinkerton, H. D., et al. (See Mikulic, Nilos N., assignor.)
- Pinkerton, Howard K., and G. A. Tipton, Quincy, Ill. Apparatus for producing whole wheat or like flour. 2,058,175; Oct. 20.
- Pinkham, Clarence A. (See Cooper, W. H., and Pinkham.)
- Pinkham, Edith M., Winthrop, Maine. Tooth brush and dentifrice case. 2,034,595; Mar. 17.
- Pinkus, Abraham S., New York, N. Y. Circuit breaker lever. 2,033,005; Mar. 3.
- Pinney, H. H., et al. (See Krueger, Frank, assignor.)
- Pinney, Harry H., Cleveland Heights, Ohio, and W. H. Klocke, Woodhaven, N. Y. Liquid container. 2,062,190; Nov. 24.
- Pinta, Robert, Paris, France, assignor to General Electric Company. Making hard alloys. 2,049,317; July 28.
- Pinten, Peter, Cologne-Deutz, assignor to Dynamit-Aktiengesellschaft vormals Alfred Nobel & Co., Troisdorf, near Cologne, Germany. Production of resin impregnated cellulosic material and the products obtainable thereby. 2,054,444; Sept. 15.
- Pinto, Anthony, New Rochelle, and R. A. Waite, Yonkers, assignors to Otis Elevator Company, New York, N. Y. Elevator control system. 2,040,184; May 12.
- Pintsch, Julius, Aktiengesellschaft. (See Holm, Walde-mar, assignor.)
- Pioch, Emil C., Detroit, Mich. Grease retainer. 2,034,831; Mar. 24.
- Pioch, William F. (See Sorensen, C. E., and Pioch.)
- Pioch, William F., and G. Pascoe, Detroit, Mich., assignors to Ford Motor Company, Dearborn, Mich. Gearing. 2,065,021; Dec. 22.
- Pioneer Gravel Equipment Manufacturing Company. (See Ovestrud, M., and Hanratty, assignors.)
- Pioneer Heat Regulator Corporation. (See Dicke, Oscar H., assignor.)
- Pioneer Instrument Company. (See Colvin, Charles H., assignor.)
- Pioneer Instrument Company, Incorporated. (See Urfer, Adolf, assignor.)
- Pioneer Sand & Gravel Company. (See Perry, Lewis A., assignor.)
- Pipenhagen, Charles A. (See Tyler, Herbert B., assignor.)
- Piper, Frederick, Portland, Oreg. Closet apron. 2,035,567; Mar. 31.
- Piper, Harold G., Lumberton, British Columbia, Canada. Woodworking machine. 2,050,462; Aug. 11.
- Piper, Henri, Brussels, Belgium. Hydraulic servomotor for train controllers and the like. 2,039,186; Apr. 28.
- Piper, Walter F., Oak Park, assignors to The Beardsley & Piper Company Chicago, Ill. Apparatus for screening and aerating molding sand. 2,034,203; Mar. 17.
- Piper, Walter F., Oak Park, assignor to The Beardsley & Piper Company, Chicago, Ill. Flask filling apparatus. 2,054,338; Sept. 15.
- Piper, William B., assignor to Gasmold Sign Corporation, Memphis, Tenn. Illuminated sign. 2,027,320; Jan. 7.
- Pipes, Joseph E., Olney, Tex. Cement mixing apparatus. 2,054,043; Sept. 8.
- Pipes, Joseph E., Greggton, Tex., assignor to Consolidated Oil Well Cementing Corporation of Texas. Cement mixing apparatus. 2,054,042; Sept. 8.
- Pipes, Pliny P., assignor to The Ohio Brass Company, Mansfield, Ohio. Apparatus for bonding rails. 2,027,614; Jan. 14.
- Pipes, Pliny P., assignor to The Ohio Brass Company, Mansfield, Ohio. Rail bond. 2,034,442; Mar. 17.
- Pipes, Pliny P., assignor to The Ohio Brass Company, Mansfield, Ohio. Apparatus for bonding rails. 2,045,333; June 23.
- Pipes, Walter L., Elizabeth, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Rubber paving block. 2,057,738; Oct. 20.
- Pipkin, Marvin, Cleveland Heights, Ohio, assignor to General Electric Company. Incandescent lamp and manufacture. 2,053,164; Sept. 1.
- Pipkin, Maurice E., New York, and E. J. Blake, Rochester, N. Y.; said Blake assignor to said Pipkin. Audible signal device. 2,031,667; Feb. 25.
- Pipper, Arnold L., West Orange, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,040,530; May 12.



- Piqua Hosiery Company, The. (See Cunningham, Patricia, assignor.)
- Piqua Hosiery Company, The. (See Flesh, Alfred L., assignor.)
- Piqua Hosiery Company, The. (See Ide, Walter D., assignor.)
- Piquerez, Emile, Paris, France. Machine for cutting transverse grooves in pneumatic and resilient tires. 2,048,947; July 28.
- Pirani, Marcello, Berlin-Wilmersdorf, and K. Becker, Berlin-Steglitz, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,056,907; Oct. 6.
- Pirani, Marcello, Berlin-Wilmersdorf, and G. Gaidies, Berlin-Pankow, Germany, assignors to General Electric Company. Alkali metal vapor resistant glass. 2,030,714; Feb. 11.
- Pirani, Marcello, Berlin-Wilmersdorf, and M. Reger, Berlin, Germany, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,030,715; Feb. 11.
- Pirelli, S. I. (See Emanuelli, Luigi, assignor.)
- Pirich, George, Minneapolis, Minn. Weeder and seeder. 2,029,833; Feb. 4.
- Pirie, Wilfrid B., Hildenborough, and C. A. Chester, and W. Melville, assignors to Raymakers Syndicate Limited, London, England. Process and apparatus for surfacing sheet material with pigments, varnishes, lacquers, waterproofing solutions or the like. 2,053,494; Sept. 8.
- Piron, Emil H., Highland Park, Mich., assignor, by mesne assignments, to Transit Research Corporation, New York, N. Y. Resilient wheel. 2,033,862; Mar. 10.
- Piron, Emil H., Highland Park, Mich., assignor, by mesne assignments, to Transit Research Corporation, New York, N. Y. Wheel. 2,033,863; Mar. 10.
- Piron, Emil H., Highland Park, Mich., assignor, by mesne assignments, to Transit Research Corporation, New York, N. Y. Rail vehicle. 2,033,864; Mar. 10.
- Piron, Emil H., Highland Park, Mich., assignor, by mesne assignments, to Transit Research Corporation, New York, N. Y. Spring device. 2,066,187; Dec. 29.
- Pirwitz, Wilhelm, Duisburg, assignor to Schloemann Aktiengesellschaft, Dusseldorf, Germany. Control switch device for hydraulic accumulators. 2,062,674; Dec. 1.
- Pisani, Alexander, San Diego, Calif. Plant can cutting device. 2,036,296; Apr. 7.
- Pischke, Alexander, Trail, British Columbia, assignor of one-third to D. Chow, Trail, British Columbia, Canada. Collapsible container or the like. 2,028,843; Jan. 28.
- Piscionere, Nicholas F. A., Weymouth, Mass. Pumping device. 2,027,879; Jan. 14.
- Piser, Theodore H., Newton, Mass. Hot water heater. 2,059,274; Nov. 3.
- Pitcher, Clive H., Detroit, Mich. Flower holder. 2,052,940; Sept. 1.
- Pitkin, Lucius, Inc. (See Tour, S., and Marshall, assignors.)
- Pitman, Henry L., Westfield, N. J., assignor, by mesne assignments, to Ralph C. Coxhead, Corporation, New York, N. Y. Engraving dies. 2,051,102; Aug. 18.
- Pitman, Henry L., Westfield, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,054,095; Sept. 15.
- Pitman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,053,107; Sept. 1.
- Pitman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,059,275; Nov. 3.
- Pitner, Alfred O., Paris, France. Process and apparatus for assembling and fitting the elements of needle or roller bearings. 2,034,534; Mar. 17.
- Pitney-Bowes Postage Meter Co. (See Ogden, Jacob W., assignor.)
- Pitt, Samuel, Westfield, assignor to A. L. Boyer, Maplewood, N. J. Machine control. 2,049,861; Aug. 4.
- Pitt, William, Brooklyn, N. Y. Circuit closer. 2,042,863; June 2.
- Pittman, Ralph R., Pine Bluff, Ark. Electrical protective device. 2,034,204; Mar. 17.
- Pittman, Ralph R., Pine Bluff, Ark. Voltage limiting device. 2,065,152; Dec. 22.
- Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. High voltage switching device. 2,048,464; July 21.
- Pittman, Robert H., Pittsburgh, Pa. Combination dish. 2,042,801; June 2.
- Pittman, Walter F. (See Ford, G. F., and Pittman.)
- Pittoni, Angelo, Lynbrook, N. Y., assignor, by mesne assignments, to Burton-Dixie Corporation. Spring structure. 2,045,544; June 23.
- Pittsburgh Crucible Steel Company. (See Ferm, John F., assignor.)
- Pittsburgh Equitable Meter Company. (See Dresback, David D., assignor.)
- Pittsburgh Equitable Meter Company. (See MacLean, Allen D., assignor.)
- Pittsburgh Equitable Meter Company. (See McGaughy, John B., assignor.)
- Pittsburgh Equitable Meter Company. (See Parker, Walter H., assignor.)
- Pittsburgh Equitable Meter Company. (See Rockwell, Willard F., assignor.)
- Pittsburgh Forgings Company. (See Mitchell, R. A., and Tuerk, assignors.)
- Pittsburgh Plate Glass Company. (See Allison, Merrill F., assignor.)
- Pittsburgh Plate Glass Company. (See Brown, Edmund I., assignor.)
- Pittsburgh Plate Glass Company. (See Carlisle, Maurice E., assignor.)
- Pittsburgh Plate Glass Company. (See Clause, Robert L., assignor.)
- Pittsburgh Plate Glass Company. (See Fix, Earl L., assignor.)
- Pittsburgh Plate Glass Company. (See Fox, John H., assignor.)
- Pittsburgh Plate Glass Company. (See Fox, J. H., and Stroud, assignors.)
- Pittsburgh Plate Glass Company. (See Gale, Henry J., assignor.)
- Pittsburgh Plate Glass Company. (See Gelstharf, Frederick, assignor.)
- Pittsburgh Plate Glass Company. (See Gelstharf, F., and Fox, assignors.)
- Pittsburgh Plate Glass Company. (See Gelstharf, F., and Parkinson, assignors.)
- Pittsburgh Plate Glass Company. (See Hartwell, George E., assignor.)
- Pittsburgh Plate Glass Company. (See Haux, Elmer H., assignor.)
- Pittsburgh Plate Glass Company. (See Hitner, Harry F., assignor.)
- Pittsburgh Plate Glass Company. (See Hoffmann, Gilbert F., assignor.)
- Pittsburgh Plate Glass Company. (See Kettl, Clement A., assignor.)
- Pittsburgh Plate Glass Company. (See Koupal, Walter G., assignor.)
- Pittsburgh Plate Glass Company. (See Kutchka, Karl G., assignor.)
- Pittsburgh Plate Glass Company. (See Limbers, Don R., assignor.)
- Pittsburgh Plate Glass Company. (See McLeod, John D., assignor.)
- Pittsburgh Plate Glass Company. (See Miller, Ralph W., assignor.)
- Pittsburgh Plate Glass Company. (See Noyes, W. A., and Hoffmann, assignors.)
- Pittsburgh Plate Glass Company. (See Ostermier, Edward, assignor.)
- Pittsburgh Plate Glass Company. (See Owen, William, assignor.)
- Pittsburgh Plate Glass Company. (See Pertz, William J., assignor.)
- Pittsburgh Plate Glass Company. (See Scull, R. D. Russell, assignor.)
- Pittsburgh Plate Glass Company. (See Stroud, Charles E., assignor.)
- Pittsburgh Reflector Company. (See Hoeveler, John A., assignor.)
- Pittsburgh Research Corporation. (See Moore, William E., assignor.)
- Pittsburgh Research Corporation. (See Moore, W. E., and Simpson, assignors.)
- Pittsburgh Rolls Corporation. (See Merten, William J., assignor.)
- Pittsburgh Rolls Corporation. (See Wilson, Bert A., assignor.)
- Pittsburgh Screw & Bolt Corporation. (See Horton, William M., assignor.)
- Pittsburgh Screw and Bolt Corporation. (See Shrum, Peter J., assignor.)
- Pittsburgh Steel Company. (See Benedict, Edward L., assignor.)
- Pittsburgh Steel Company. (See Edge, Walter S., assignor.)
- Pittsburgh Steel Company. (See Edge, W. S., and Arthur, assignors.)
- Pittsburgh Steel Company. (See Protin, Edward J., assignor.)
- Pittsburgh Steel Drum Company. (See Jesser, Albert E., assignor.)
- Pittsburgh Steel Foundry Corporation. (See Howat, Clarence W., assignor.)
- Pittsburgh Tube Company. (See Gangwisch, Robert L., assignor.)
- Pittsburgh Tube Company. (See Spillman, Charles O., assignor.)
- Pittsburgh Water Heater Corporation. (See Jones, Chester D., assignor.)
- Pitzer, Mose B., assignor of one-half to N. M. Huffaker, Monahans, Tex. Treating oil and gas wells. 2,035,719; Mar. 31.
- Pixley, Milton A., Columbus Ohio. Closure. 2,032,951; Mar. 3.
- Pixley, Milton A., Columbus, Ohio. Closure. 2,039,447; May 5.
- Pizarro, José P., Central Aguirre, P. R. Automatic plow. 2,050,120; Aug. 4.
- Placco, Oscar F., Cranston, R. I., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Brooch construction. 2,059,276; Nov. 3.
- Place, Bion C. (See Gagnier, George E., assignor.)
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Securing trim panels. 2,028,992; Jan. 28.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Attaching snap fastener. 2,032,499; Mar. 3.



- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Automobile or similar roof construction. 2,032,714; Mar. 3.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,043,007; June 2.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Securing electrical cover or escutcheon plate. 2,043,865; June 9.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,048,812; July 28.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Securing hub caps. 2,055,047; Sept. 22.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Gripping fastener. 2,057,587; Oct. 13.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Securing trim material. 2,057,588; Oct. 13.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,063,827; Dec. 8.
- Place, Willard P. (See Whitelock, L. D., Bossart, Place, and Sorensen.)
- Plack, Frank F., assignor to The Dickey-Grabler Company, Cleveland, Ohio. Handle construction. 2,066,301; Dec. 29.
- Placko, Steve F., Jr., Chicago, Ill. Exhaust gas purifier. 2,038,313; Apr. 21.
- Plaisted, Ross J., Cleveland, Ohio. Power controlled wind indicator. 2,045,994; June 30.
- Plambeck, Emil W., assignor to Baker Perkins Company, Inc., Saginaw, Mich. Loaf rounder. 2,047,430; July 14.
- Plamondon, Henry L., Jamaica Plain, Mass. Sewing machine. 2,037,088; Apr. 14.
- Planck, Russell M. (See Seeley, S. W., and Planck.)
- Planding, Andrew J., New York, N. Y. Tooth brush. 2,042,239; May 26.
- Planeta, Paul H., Higganum, Conn. Lamp-shade support. 2,038,501; Apr. 21.
- Planetellus Manufacturing Corporation. (See Crabb, Earl L., assignor.)
- Plank, Edward C., Pasadena, Calif. Tire repair jig. 2,057,973; Oct. 20.
- Plant, Irving M., Short Hills, N. J. Cigarette container. 2,063,190; Dec. 8.
- Plant, Leland G., Chicago, Ill. Fabricating wrought metal gate valves. 2,034,418; Mar. 17.
- Plant, Leland G., Chicago, Ill. Wrought metal valve structure. 2,054,445; Sept. 15.
- Plant Rubber & Asbestos Works. (See Abrahams, Samuel A., assignor.)
- Plant Cultivation Company. (See Loughridge, Matthew H., assignor.)
- Plante, Oliver N., Worcester, Mass. Electric outlet. 2,028,009; Jan. 14.
- Pla Rosell, Mariano, Cornellà, Barcelona, assignor to Compania Anonima Static, Barcelona, Spain. Carding machine. 2,049,824; Aug. 4.
- Plaskon Company. (See Balz, Emil H., assignor.)
- Plaskon Company. (See Fuchs, Nathaniel, assignor.)
- Plaskon Company. (See Howald, Arthur M., assignor.)
- Plaskon Company. (See Howald, A. M., and Rodgers, assignors.)
- Plaskon Company. (See Rodgers, J. L., Jr., and Howald, assignors.)
- Plass, Robert H., Upper Montclair, N. J. Card dealing machine. 2,065,824; Dec. 29.
- Plaster, Henry F., Socorro, assignor of forty-nine per cent to A. S. Fair, Socorro, New Mexico. Combination breather pipe and oil can opener. 2,034,958; Mar. 24.
- Plastergon Wall Board Company. (See Fletcher, John, assignor.)
- Plasters, James R., Kansas City, Mo. Fish stringer. 2,047,834; July 14.
- Plastic Research and Engineering Corporation. (See Schmitt, Charles G., assignor.)
- Platen-Munters Refrigerating System. (See Munters, C. G., and Lenning, assignors.)
- Platen-Munters Refrigerating System Aktiebolag. (See Munters, Carl G., assignor.)
- Plath, Theodore C. (See Robinson, H. H., and Plath.)
- Platt, Harold L., Cranston, R. I. Educational and recreational apparatus. 2,034,535; Mar. 17.
- Platt, Herbert. (See Dreyfus, C., and Platt.)
- Platt, Herbert, Cumberland, Md., assignor to Celanese Corporation of America. Coloration of materials. 2,042,802; June 2.
- Platt, Herbert, Cumberland, Md., assignor to Celanese Corporation of America. Treatment of textile fabrics. 2,053,778; Sept. 8.
- Platt, Herbert, Cumberland, Md., assignor to Celanese Corporation of America. Treatment of fabrics containing organic derivatives of cellulose. 2,060,113; Nov. 10.
- Platt Iron Works, Inc. (See Wells, Edward C., assignor.)
- Platt, John A., Akron, and F. N. Sneyd, Stow, Ohio. Door operating device. 2,059,904; Nov. 3.
- Platt, Leland H., Los Angeles, assignor to C. B. Parker, Riverside, Calif. Crate press. 2,033,865; Mar. 10.
- Platt, Leland H., Los Angeles, Calif. Machine for washing and grading vegetables, fruits, or the like. 2,052,001; Aug. 25.
- Platt, Samuel, San Mateo, Calif. Reel. 2,061,101; Nov. 17.
- Platt, Stephen A., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Electrical corn popper. 2,034,190; Mar. 17.
- Platt, Stephen A., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Fountain brush. 2,064,318; Dec. 15.
- Platzman, Louis. (See Corigliano, P., and Platzman.)
- Plauson, Hermann, Darmstadt, Germany, assignor, by mesne assignments, to T. R. C. Corporation, Wilmington, Del. Road paving. 2,026,988; Jan. 7.
- Plauson, Hermann, Freiburg, Germany, assignor, by mesne assignments, to T. R. C. Corporation, Wilmington, Del. Building roads. 2,026,989; Jan. 7.
- Plavin, Joseph, Cleveland, Ohio. Farming implement. 2,064,687; Dec. 15.
- Playcrafters Company, The. (See Husted, H. F., and Hogg, assignors.)
- Playford, Harry E., and R. H. Hoge, Huntington, W. Va., and C. Cone, Alton, Ill., assignors to Owens-Illinois Glass Company. Stencil screen. 2,064,764; Dec. 15.
- Pleasant, Herman E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerator. 2,055,851; Sept. 29.
- Pleasants, Henry, Jr., West Chester, Pa. Shipping device. 2,055,305; Sept. 22.
- Plebanski, Jozef, Warsaw, Poland, assignor to American Telephone and Telegraph Company. Modulating system. 2,041,951; May 26.
- Plebanski, Jozef, Warsaw, Poland, assignor to Radio Patents Corporation, New York, N. Y. Radio transmission. 2,045,796; June 30.
- Plechl, Otto. (See Latzko, J. and Plechl.)
- Pleines, Henry J., West Haven, assignor to Winchester Repeating Arms Company, New Haven, Conn. Apparatus for producing slugs of extruded material. 2,063,119; Dec. 8.
- Pleiss, Walter H., Ludington, Mich. Mop construction. 2,042,803; June 2.
- Pleister, Henry W., Westfield, assignor to Diamond Expansion Bolt Company, Inc., Garwood, N. J. Spring toggle bolt. 2,061,634; Nov. 24.
- Pless, Julius. (See Bienenstock, M., Csáki, Pless, and Sági, A. and E.)
- Plishker, Herbert E., Flushing, N. Y., assignor to Westinghouse Lamp Company. Light intensity indicator. 2,046,409; July 7.
- Ploeger, Clyde E., Evansville, Ind., assignor to Servel Inc., New York, N. Y. Compressor unloader. 2,034,153; Mar. 17.
- Ploeger, Clyde E., Evansville, Ind., assignor to Servel Inc., New York, N. Y. Magnetic unloader. 2,043,058; June 2.
- Ploeger, Clyde E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Magnetic unloader. 2,043,059; June 2.
- Ploen, Curtis W., assignor to Viloco Railway Equipment Company, Chicago, Ill. Sander trap. 2,063,050; Dec. 8.
- Ploger, Alfred, Oak Park, Ill., assignor to Continental-Diamond Fibre Company, Newark, Del. Socket device. 2,028,010; Jan. 14.
- Ploñ, Max, Basel, Switzerland. Handle fastening device. 2,057,914; Oct. 20.
- Plotkin, Joseph H., assignor to National Brief Case Mfg. Co., Chicago, Ill. Envelope case. 2,053,630; Sept. 8.
- Plotkin, Louis, Brooklyn, N. Y. Cloth cover for all types of pressing machines and household ironing boards. 2,035,245; Mar. 24.
- Pluchino, Giuseppe, West New York, N. J. Hair clipper blade. 2,029,791; Feb. 4.
- Pluchino, Giuseppe, West New York, N. J. Hair cutting comb. 2,029,792; Feb. 4.
- Plucker, Frederic C., Detroit, Mich. Wind propelled electric generator. 2,058,500; Oct. 27.
- Plumb, Frederic W., assignor to Narrow Fabric Company, West Reading, Pa. Producing warp knit fabrics. 2,053,877; Sept. 8.
- Plumb, Frederic W., assignor to Narrow Fabric Company, West Reading, Pa. Producing novel knitted double-faced elastic fabrics. 2,062,999; Dec. 1.
- Plumley, Raymond L., Brooklyn, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Bobbin-winder for sewing machines. 2,055,387; Sept. 22.
- Plumley, Raymond L., and R. K. Hoffmann, Brooklyn, N. Y., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Hand-operated attachment for sewing machines. 2,056,125; Sept. 29.
- Plummer, James K., Atlanta, Ga., assignor, by mesne assignments, to Tennessee Corporation, New York, N. Y. Producing phosphate fertilizer. 2,036,494; Apr. 7.
- Plummer, Willard B., assignor to Standard Oil Company (Indiana), Chicago, Ill. Catalyst. 2,033,737; Mar. 10.
- Plunkett, John H., Bronxville, assignor to The Patent and Licensing Corporation, New York, N. Y. Roofing unit and making the same. 2,063,268; Dec. 8.
- Plunkett, Martha M., Silver Spring, Md. Retainer. 2,036,772; Apr. 7.
- Plunkett, Paul, Port Chester, N. Y., assignor, by mesne assignments, to Moulded Pulp Corporation, Dover, Del. Container for thread bobbles. 2,031,851; Feb. 25.
- Plunkett, Paul, Greenwich, assignor, by mesne assignments, to Scovill Manufacturing Company, Waterbury, Conn. Pouring spout. 2,058,910; Oct. 27.
- Plykrome Corporation, The. (See Johnson, Wallace C., assignor.)
- Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Andiron. 2,031,732; Feb. 25.



- Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Door stop. 2,041,430; May 19.
- Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Window construction. 2,057,974; Oct. 20.
- Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Window construction. 2,057,975; Oct. 20.
- Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Store front construction. 2,063,120; Dec. 8.
- Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Expansion joint. 2,066,052; Dec. 29.
- Plymouth Cordage Company. (See Drew, Ralph L., assignor.)
- Plymouth Cordage Company. (See MacKinnon, Charles, assignor.)
- Plymouth Cordage Company. (See Reed, Stephen A., assignor.)
- Pneumatic Scale Corporation. (See Brautigam, Otto G., assignor.)
- Pneumatic Scale Corporation. (See Griffith, Winfred S., assignor.)
- Pneumatic Scale Corporation. (See Howard, Stanley R., assignor.)
- Pneumatic Scale Corporation. (See Hultin, Oscar H., assignor.)
- Pneumatic Scale Corporation. (See Lindholm, A. W., and Everett, assignors.)
- Pneumatic Scale Corporation. (See Magnusson, Joseph, assignor.)
- Pneumatic Scale Corporation. (See Raymer, M. M., and Poole, assignors.)
- Pneumatic Scale Corporation. (See Strout, Ralph C., assignor.)
- Pneumatic Scale Corporation, Limited. (See Everett, Arthur C., assignor.)
- Pneumatic Scale Corporation, Limited. (See Howard, Stanley R., assignor.)
- Pneumator Company. (See Thomas, William, assignor.)
- Pocock, Oscar H., Ferndale, and L. Rossetti, Detroit, Mich. Roof structure. 2,028,877; Jan. 28.
- Podbielniak, Lois W. G. (See Podbielniak, Walter J., assignor.)
- Podbielniak, Walter J., Chicago, Ill. Refrigeration. 2,041,725; May 26.
- Podbielniak, Walter J., Chicago, Ill., assignor to L. W. G. Podbielniak, Tulsa, Okla. Securing counter current contact of fluids by centrifugal action. 2,044,996; June 23.
- Podel, Abraham, New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Screw capping machine. 2,034,878; Mar. 24.
- Podell, Morris, Far Rockaway, N. Y. Circuit testing device. 2,036,077; Mar. 31.
- Podmore, Arthur, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Machine for cutting or shredding plant leaves, paper, and the like. 2,038,502; Apr. 21.
- Podmore, Arthur, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Apparatus for cutting tobacco and the like. 2,066,053; Dec. 29.
- Podolsky, Jacob, Dorchester, Mass. Valve handle. 2,047,703; July 14.
- Podolsky, Jacob, Dorchester, Mass. Handle. 2,047,704; July 14.
- Podolsky, Leon, assignor to Wirt Company, Philadelphia, Pa. Making variable resistance units. 2,060,114; Nov. 10.
- Poe, Robert B., Tacoma, Wash. Sliding writing board for desks. 2,037,919; Apr. 21.
- Poege, Max, Uster, near Zurich, Switzerland. Formation of knots, particularly weavers' knots. 2,054,388; Sept. 15.
- Poeggel, Erich, Remscheid, Germany. Cutting, setting, and sharpening circular saws. 2,030,225; Feb. 11.
- Poelman, Armand. (See Schneider, R., and Poelman.)
- Poeter, E. & Co. (See Poeter, Edward, assignor.)
- Poeter, Edward, assignor to E. Poeter & Co., Inc., Irvington, N. J. Handbag frame. 2,052,245; Aug. 25.
- Poggendorff, Adolf, Berlin-Weissensee, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrodynamic loudspeaker. 2,047,381; July 14.
- Poglein, Louis, assignor to McKee Glass Company, Jeanette, Pa. Glass annealing nesting rack. 2,039,927; May 5.
- Pogue, Charles N., Norwood, Winnipeg, Manitoba, Canada. Carburetor. 2,026,798; Jan. 7.
- Pogue, Charles N., Norwood, Winnipeg, Manitoba, Canada. Apparatus for leveling roads. 2,062,232; Nov. 24.
- Pogue, Robert B., Orange, N. J., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe. 2,035,720; Mar. 31.
- Pohl, Ernest F. (See Deems, Donald A., assignor.)
- Pohl, Karl, et al. (See Arfsten, Newton, assignor.)
- Pohl, Leo, Chicago, Ill. Directional signal and taillight for motor vehicles. 2,036,956; Apr. 7.
- Pohl, Robert H. (See Koenig, W. J., and Pohl.)
- Pohl, Robert H. (See Koenig, W. J., Pohl, and Walker.)
- Pohl, Walter, Bruchhausen/Husten, assignor, by mesne assignments, to the firm Deutsche Gold- und Silber Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Method of and an apparatus for subjecting a flowing medium in a continuous operation to a reaction. 2,028,684; Jan. 21.
- Pohlman, Edward A., Brooklyn, N. Y. Ship's sprinkler system. 2,051,103; Aug. 18.
- Pohlman, Edward J., Detroit, Mich. Reamer. 2,063,753; Dec. 8.
- Pohl, Ernest F., St. Louis, Mo., assignor, by mesne assignments, to M. S. Marks, Chicago, Ill. Hygienic catamenial tampon. 2,057,206; Oct. 13.
- Pohl, Ernst, Kiel, Germany. Röntgen tube. 2,058,105; Oct. 20.
- Pohlmann, Joseph J., South Hadley Center, assignor to The Beveridge-Marvellum Company, Holyoke, Mass. Decorative paper and making the same. 2,028,948; Jan. 28.
- Pohontsch, Max. (See Runge, W., and Pohontsch.)
- Pohontsch, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Generator. 2,036,495; Apr. 7.
- Poillot, Jean P. E., assignor to Etablissements Pompes Guinard (Pompes Guinard & Etablissements Cohendet Reunis) Chemin de la Fouilleuse, Saint Cloud, France. Meter for liquids. 2,031,852; Feb. 25.
- Poindexter, Robert W. (See Goodwin, N., and Poindexter.)
- Pointon, John E. (See Harber, L. S., and Pointon.)
- Poirier, Leopold, Montreal, Quebec, Canada. Water heater. 2,034,443; Mar. 17.
- Poirier, Maurice, assignor of nineteen one-hundredths to W. I. F. George, Burbank, Calif. Vehicle wheel suspension. 2,062,233; Nov. 24.
- Poitras, Edward J., Jackson Heights, and J. D. Tear, Great Neck, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Motion reproducing unit. 2,041,952; May 26.
- Poix, G. M., Inc. (See Yerkes, Gabrielle M. P., assignor.)
- Pokorney, Henry, Rome, N. Y. Internal combustion engine "Diesel". 2,029,941; Feb. 4.
- Polacek, Maurice, Brooklyn, N. Y. Book match bar. 2,059,392; Nov. 3.
- Polák, Bohumil, assignor to Grodetzky & Polák, Prague, Czechoslovakia. Can opener. 2,061,208; Nov. 17.
- Polak, Josef, Prague, Czechoslovakia, assignor, by mesne assignments, to firm Transforma Aktiengesellschaft, Vaduz, Liechtenstein, Austria. Device for producing die castings from metal alloys, in which the material to be pressed is forced from a pressure chamber under a high pressure into a permanent mold. 2,055,944; Sept. 29.
- Polak, Lewis, assignor of one-half to H. Fudczko, Bethlehem, Pa. Cement brick making machine. 2,054,001; Sept. 8.
- Poland, Frank F., New Brunswick, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Recovery of selenium. 2,048,563; July 21.
- Poland, Frank F., Highland Park, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Casting copper and copper alloys. 2,050,375; Aug. 11.
- Polcini, Ralph, New York, N. Y. Combination brooch and clasp. 2,044,225; June 16.
- Pole, Gordon R., Florence, assignor to Tennessee Valley Authority, Wilson Dam, Ala. Glazed ceramic ware and making. 2,063,953; Dec. 15.
- Polgár, André. (See Rüst, E., and Polgár.)
- Polimeni, Vincent, Elmhurst, N. Y. Lock joint friction electrical connector. 2,057,344; Oct. 13.
- Polin, Herbert S., assignor to Polin, Inc., New York, N. Y. Remote control system. 2,029,542; Feb. 4.
- Polin, Inc. (See Polin, Herbert S., assignor.)
- Polis, Benjamin, Philadelphia, Pa. Wearing apparel. 2,061,481; Nov. 17.
- Polivka, Rudolph, Berwyn, and R. C. Wendell, Oak Park, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Making sheet metal housings. 2,060,893; Nov. 17.
- Pollack, Daniel. (See Kasdan, N., and Pollack.)
- Pollack, David, New York, N. Y. Washing machine for the exterior of bottles particularly siphons. 2,050,376; Aug. 11.
- Pollack, Joseph O., Chicago, Ill. Cravat holder. 2,031,004; Feb. 18.
- Pollack, Joseph O., Chicago, Ill. Fabric engaging device. 2,037,089; Apr. 14.
- Pollak, James I., Chicago, Ill. Key holder. 2,047,331; July 14.
- Pollard, Bernard J., Detroit, Mich. Building structure. 2,047,648; July 14.
- Pollard, Charles E. (See Harrison, H. C., Keller, and Pollard.)
- Pollard, Earl I. (See Elliott, F. B., and Pollard.)
- Pollard, Frank L. (See Backus, R. T., and Pollard.)
- Pollard, Hugh E., assignor to Arrow Tools, Inc., Chicago, Ill. Chisel. 2,028,993; Jan. 28.
- Pollard, John D., assignor to V. Leonard, Baltimore, Md. Nitrated ortho-alkyl-phenolic compounds. 2,048,168; July 21.
- Pollard, Joseph F., assignor to Brackett Manufacturing Co., Newburyport, Mass. Laminated article and making the same. 2,061,951; Nov. 24.
- Pollister, Edward B., assignor to Busch-Sulzer Bros.-Diesel Engine Company, St. Louis, Mo. Scavenging and supply of combustion air to two-cycle engines. 2,062,821; Dec. 1.
- Pollitt, William C., et al. (See Kelly, Harold E., assignor.)
- Pollitzer, Franz. (See Swan, O., and Pollitzer, assignors.)



- Pollock, Harry L., Wilkesburg, Pa. Vessel cover. 2,030,266; Feb. 11.
- Pollock, John E., Baytown, Tex., assignor to Standard Oil Development Company. Method and apparatus for protecting oil storage tanks. 2,042,274; May 26.
- Pollock, Leopold, New York, N. Y. Electrical connector. 2,060,115; Nov. 10.
- Pollock, Robert T., New York, N. Y., assignor to Respats, Inc., Cranston, R. I. Pressed fiber board and manufacture. 2,029,034; Jan. 28.
- Pollon, Joseph F. (See Hansen, M., and Pollon.)
- Pollon, Joseph F. (See Young, W. G., Hansen, and Pollon.)
- Polly, Daniel, assignor to Société Industrielle de Ferblanterie, Paris, France. Apparatus for beading eyelets. 2,049,822; Aug. 4.
- Polnauer, Fritz. (See Jasicek, A., and Polnauer.)
- Polson, Adolph. (See Weiss, H., and Polson.)
- Polydoroff, Wladimir J., assignor to Johnson Laboratories, Inc., Chicago, Ill. Magnetic core for high frequency inductances. 2,059,393; Nov. 3.
- Polysius, Firm G., Aktiengesellschaft. (See Ihlefeldt, Johannes, assignor.)
- Polytechnic Development Corporation. (See Dougherty, Elmer E., assignor.)
- Polzer, Fridolin, South Norwalk, Conn. Plier type stapling machine. 2,028,350; Jan. 21.
- Pomeranz, Edward, San Clemente, Calif. Rubber ice-skull. 2,049,723; Aug. 4.
- Pomeranz, Jacob J. (See Tanasso, V., and Pomeranz.)
- Pomeroy, Laurence H., Leamington, and A. V. Oliver, Coventry, assignors to The Daimler Company Limited, Coventry, England. Band brake. 2,066,308; Dec. 29.
- Pomeroy, Olin K., Sr., assignor of forty per cent to J. S. Strickland, Fort Myers, Fla. Window. 2,040,332; May 12.
- Ponath, William, Richmond Hill, N. Y., assignor to Bond Electric Corporation, Jersey City, N. J. Wall light. 2,052,654; Sept. 1.
- Pond, Dwight W., assignor to National Engineering Corporation, Terryville, Conn. Bushings for connectors. 2,044,444; June 16.
- Pond, Gerald W., Wichita Falls, Tex. Rug washing and dyeing apparatus. 2,053,579; Sept. 8.
- Pond, Sheldon, Taunton, Mass. Lawn edge trimmer cutter. 2,039,029; Apr. 28.
- Pond, Thomas C., Larchmont, assignor to Johns-Manville Corporation, New York, N. Y. Cellular material and making same. 2,045,099; June 23.
- Ponomareff, Alexander I., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser scoop. 2,035,008; Mar. 24.
- Ponomareff, Alexander I., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circulating water scoop. 2,059,026; Oct. 27.
- Ponselle, Robert A., New York, N. Y. Floor machine. 2,045,406; June 23.
- Ponte, Maurice, assignor to Compagnie Generale de Telegraphie Sans Fil, Paris, France. High frequency transmitter. 2,026,652; Jan. 7.
- Ponte, Maurice, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Receiver especially for ultra-short waves. 2,045,995; June 30.
- Ponting, Leonard C., and A. G. Kliwer, Abilene, Kans. Elevator bucket. 2,031,064; Feb. 18.
- Pontis, William G., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Electric connector. 2,042,680; June 2.
- Pontzen, Herbert, Heilbronn-on-the-Neckar, Germany, assignor to American Lurgi Corporation, New York, N. Y. Combination furnace. 2,042,626; June 2.
- Pool, David F., Washington, D. C. Gas generator. 2,040,270; May 12.
- Pool, Noel E., and F. N. Curby, Salt Lake City, Utah. Apparatus for shirt or merchandise display. 2,044,398; June 16.
- Pool, William. (See Dreyfus, H., and Pool.)
- Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Shuttleless loom and weft supply mechanism therefor. 2,052,655; Sept. 1.
- Pool, William O. (See Ralston, A. W., Pool, and Harwood.)
- Poole, Arthur F., deceased, M. B. Poole, administratrix, assignor to Maryline B. Poole, Ithaca, N. Y. Electric clock. 2,033,899; Mar. 10.
- Poole, Arthur F., deceased, M. B. Poole, administratrix, assignor to M. B. Poole, Ithaca, N. Y. Method and apparatus for regulating clocks. 2,035,759; Mar. 31.
- Poole, Jesse V., Abington, assignor to Puritan Manufacturing Company, Boston, Mass. Innersole making machine. 2,042,275; May 26.
- Poole, Jesse V., Abington, assignor to Puritan Manufacturing Company, Boston, Mass. Inner sole. 2,052,002; Aug. 25.
- Poole, Lora E., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Coil winding machine. 2,030,764; Feb. 11.
- Poole, Lora E., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Coil lead staking device. 2,056,534; Oct. 6.
- Poole, Lora E., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Commutator finishing machine. 2,064,079; Dec. 15.
- Poole, Maryline B., administratrix. (See Poole, Arthur F., assignor.)
- Poole, Roy B., Dayton, Ohio. Universal joint. 2,030,074; Feb. 11.
- Poole, Richard S. (See Raymer, M. M., and Poole.)
- Pooley, George. (See Willcox, J. T. A., and Pooley and Bonnaud.)
- Poor, Bernard T., Fall River, Mass. Wall outlet. 2,044,633; June 16.
- Poorman, John E., Philadelphia, Pa. Tool holder. 2,047,222; July 14.
- Pope, Blunt S. (See Kalstrom, C. N., and Pope.)
- Pope, Charles S., assignor to Central Valve Mfg. Co., Chicago, Ill. Valve. 2,028,844; Jan. 28.
- Pope, George E., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Friction clutch member. 2,035,916; Mar. 31.
- Pope, Louis W., Dallas, Tex. Tillage tool. 2,064,269; Dec. 15.
- Pope Machinery Corporation. (See Brooks, W. C., and Staples, assignors.)
- Pope Machinery Corporation. (See Howard, Merton W., assignor.)
- Pope Machinery Corporation. (See Watt, George T., assignor.)
- Pope, William B., Drewryville, Va. Plant transplanter. 2,035,980; Mar. 31.
- Popovich, Nicholas, Teaneck, N. J., assignor of one-third to J. A. Taferner and one-third to L. J. Schlitzer, New York, N. Y. Spring mounting for eye sets for dolls. 2,037,391; Apr. 14.
- Popovich, Nicholas, Teaneck, N. J., assignor of one-third to J. A. Taferner and one-third to L. J. Schlitzer, New York, N. Y. Artificial eye for dolls. 2,039,928; May 5.
- Popp, Leonard A., Saugus, assignor to L. E. Johnson, Melrose, Mass. Air pump. 2,056,018; Sept. 29.
- Popp, Rudolf. (See McGill, C. S., and Popp.)
- Popp, Theodore L. (See Clinch, George B., assignor.)
- Poppe, George W., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y. Process and machine for long lip bags. 2,030,118; Feb. 11.
- Poppe, George W., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y. Printing cylinder. 2,033,205; Mar. 10.
- Poppe, George W., assignor to Equitable Bag Co., Inc., Brooklyn, N. Y. Making carry bags. 2,033,997; Mar. 17.
- Poppe, George W., assignor to Equitable Paper Bag Co., Inc., Brooklyn, N. Y. Bag tube mechanism. 2,036,883; Apr. 7.
- Poppe, George W., assignor to Equitable Paper Bag Co., Inc., Brooklyn, N. Y. Machine and process for making bags. 2,039,980; May 5.
- Poppe, George W., assignor to Equitable Paper Bag Co., Inc., Brooklyn, N. Y. Making compartment bags. 2,040,953; May 19.
- Poppe, George W., Brooklyn, assignor to Equitable Paper Bag Co., Inc., Brooklyn, N. Y. Multiple compartment bag and making same. 2,047,745; July 14.
- Poppe, George W., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y. Web cutting mechanism for bag machines. 2,054,297; Sept. 15.
- Poppe, George W., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y. Making paper receptacles. 2,054,298; Sept. 15.
- Poppe, George W., assignor to Equitable Paper Bag Co., Inc., Brooklyn, N. Y. Refuse bag. 2,055,086; Sept. 22.
- Poppe, George W., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y. Receptacle. 2,060,470; Nov. 10.
- Poppensieker, Fritz, Cologne, Germany. Multiple spindle turret lathe. 2,054,521; Sept. 15.
- Popper, Max, Brooklyn, assignor to Topstitch Machine Corp., New York, N. Y. Producing sewed garments. 2,034,354; Mar. 17.
- Popper, Max, Brooklyn, assignor to Topstitch Machine Corp., New York, N. Y. Overseaming and pinking machine. 2,038,853; Apr. 28.
- Popper, Max, Brooklyn, assignor to Topstitch Machine Corp., New York, N. Y. Producing sewed garments. 2,052,516; Aug. 25.
- Popper, Max, Brooklyn, assignor to Topstitch Machine Corp., New York, N. Y. Seam for garments. 2,055,728; Sept. 29.
- Porcelain Enamel and Manufacturing Company of Baltimore, The. (See Bley, Rudolph S., assignor.)
- Porcelain Enamel & Manufacturing Company of Baltimore, The. (See Turk, Karl, assignor.)
- Porcelain Insulator Corporation, The. (See Harvey, L. B., and French, assignors.)
- Porcelain Tile Corporation. (See Denk, Emil S., assignor.)
- Porcelli, Alfonso, Hollis, N. Y. Elevator safety device. 2,039,606; May 5.
- Porsche, Dr. Ing. h. c. F., G. m. b. H. (See Haag, Rudolf, assignor.)
- Porteous, John A., Montreal, Quebec, Canada, assignor to United States Rubber Products, Inc., New York, N. Y. Retaining means for rubber linings. 2,058,257; Oct. 20.
- Porteous, Walter J., Saginaw, Mich. Comminuted fuel mixing and feeding apparatus. 2,048,139; July 21.
- Porteous, William, Fresno, Calif. Trailer. 2,029,540; Feb. 4.
- Porter, Charles J., Glenolden, assignor of one-half to H. Davis, Philadelphia, Pa. Vending machine for frozen products. 2,036,970; Apr. 7.



- Porter, Clyde A., assignor to National Brush Company, Aurora, Ill. Brush and guard therefor. 2,051,009; Aug. 11.
- Porter, Frank, Syracuse, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Purifying gases. 2,043,263; June 9.
- Porter, Fred P., Kellogg, assignor to Coeur D'Alene Hardware & Foundry Company, Wallace, Idaho. Geared hoist. 2,038,196; Apr. 21.
- Porter, Fred P., Kellogg, assignor to Coeur D'Alene Hardware & Foundry Company, Wallace, Idaho. Brake construction for hoists. 2,061,209; Nov. 17.
- Porter, Frederick H. (See Melcher, A. A., and Porter.)
- Porter, George W., Ventura, Calif. Construction of show-cases and the like. 2,040,497; May 12.
- Porter, Harry F., Harrison Township, Allegheny County, Pa., assignor to Allegheny Steel Company. Electric controller of the variable voltage type. 2,013,733; Feb. 25.
- Porter, Harry J., et al. (See Robison, Floyd W., assignor.)
- Porter, Harry W., Maplewood, and W. G. W. Turno, East Orange, N. J. Pipe guide and anchor for underground conduits. 2,046,410; July 7.
- Porter, Herbert C. (See Rady, W. J., and Porter.)
- Porter, Herbert H., et al. (See Sweek, William O., assignor.)
- Porter, Homer, Selden, Kan., assignor to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Piston ring. 2,034,770; Mar. 24.
- Porter, Howard C., La Grange Park, assignor to Signode Steel Strapping Company, Chicago, Ill. Preparing sheet metal for shipment. 2,064,383; Dec. 15.
- Porter, Irving D. (See Wynne, Robert J., assignor.)
- Porter, John. (See Isaacs, Jasper P., assignor.)
- Porter, Kenneth E., Shaker Heights, Ohio. Reel. 2,031,501; Feb. 18.
- Porter, Kenneth E., Shaker Heights, Ohio. Reel. 2,047,705; July 14.
- Porter, Kenneth W., C. J. and E. A. Moritz, assignors to Moritz-Bennett Corporation, Effingham, Ill. Plow scarifier. 2,037,738; Apr. 21.
- Porter, Rudyard, Minneapolis, Minn., and R. B. Saylor, Oakmont, Pa., assignors to American Sheet and Tin Plate Company. Enameled sheet metal and making said sheet metal. 2,065,392; Dec. 22.
- Porter Screen Company. (See Maynard, William H., assignor.)
- Porter, Sidney C., Newell, assignor to The Globe Brick Company, Kenilworth, W. Va. Brick. 2,060,746; Nov. 10.
- Porter, Stephen C., New York, N. Y. Microphone transmitter. 2,028,685; Jan. 21.
- Porter, Vernon C., New York, N. Y. Fireproof door. 2,045,367; June 23.
- Porter, Wilson E. (See Whitehead, R. H., and Porter.)
- Porter, Winfield P., Greene, Maine. Holder for nursing bottles. 2,033,296; Mar. 10.
- Porterfield, Clyde G., Marion, Ohio. Road-repairing machine. 2,048,813; July 28.
- Porth, Victor. (See Norris, C. J., and Porth.)
- Portnoff, Leo, Brooklyn, N. Y. Apparatus for instruction for stringed instrument playing. 2,041,146; May 19.
- Position Finder Corporation. (See Hagner, Frederick H., assignor.)
- Pospiech, Friedrich, assignor to Chemische Fabrik Pott & Co., G. m. b. H., Pirma-Conitz, Germany. Yarn wetting agent. 2,055,588; Sept. 29.
- Posschl's Apparatebau- und Export Gesellschaft m. b. H. (See Endell, Kurt, assignor.)
- Posselt, Ejnar. (See Aynsoe, T., and Posselt.)
- Post, Charles E., Brooklyn, assignor of one-half to E. L. Delyra, and one-half to A. Kaufman, New York, N. Y. Deflector ball game. 2,066,159; Dec. 29.
- Post, Charles R., Scarsdale, N. Y. Dash pot control device. 2,061,170; Nov. 17.
- Post, Claude L., Chicago, Ill. Feeding device. 2,030,152; Feb. 11.
- Post, Claude L., Chicago, Ill. Feeding mechanism. 2,049,513; Aug. 4.
- Post, Edwin M., Jr., New York, and G. O. Hanshew, Forest Hills, assignors to International Motor Company, New York, N. Y. Refrigerating mechanism. 2,046,967; July 7.
- Post, John R. (See Crozier, E. G., and Post.)
- Post, Ronald W., assignor to Boonton Molding Company, Boonton, N. J. Molded case. 2,050,896; Aug. 11.
- Post, Welles M., Wayne, Pa. Protective system for railways. 2,063,336; Dec. 8.
- Postal Automatic Machines, Inc. (See Lawrence, George W., assignor.)
- Postal Automatic Machines, Inc. (See Pearson, William J., assignor.)
- Postal Automatic Machines, Inc. (See Pearson, W. J., and Brown, assignors.)
- Postel, Carl. (See Vandegrift, J. N., and Postel.)
- Postel, Carl. (See Vandegrift, J. N., Postel, and Linn.)
- Postel, Edward E. (See Lockhart, M. L., and Postel.)
- Postlewaite, William R., assignor to Standard Oil Company of California, San Francisco, Calif. Pipe testing apparatus. 2,062,527; Dec. 1.
- Poster, Jacob, et al. (See Franklin, Albert W., assignor.)
- Posthumus, Klaas, Eindhoven, Netherlands, assignor to Radio Corporation of America. Radio receiver. 2,038,236; Apr. 21.
- Posthumus, Klaas, and B. van der Pol, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Antenna. 2,031,065; Feb. 18.
- Postlewaite, William R. (See Gates, L. G., Herrick, Cavins, and Postlewaite.)
- Postlewaite, William R., assignor to Standard Oil Company of California, San Francisco, Calif. Pipe wrapping machine. 2,037,043; Apr. 14.
- Postlewaite, William R., assignor to Standard Oil Company of California, San Francisco, Calif. Pipe coating apparatus. 2,040,876; May 19.
- Postlewaite, William R., assignor to Standard Oil Company of California, San Francisco, Calif. Helical feed device. 2,048,948; July 28.
- Posture Research Corporation. (See Wood, Glenn D., assignor.)
- Potash Company of America. (See Anderson, Leslie D., assignor.)
- Potbury, Alfred H. (See Manning, P. D. V., Peebles, and Potbury.)
- Potdevin, Adolph, Garden City, Long Island, assignor to Potdevin Machine Company, Brooklyn, N. Y. Cutting off mechanism for tube and bag making machinery. 2,043,554; June 9.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Adhesive applying mechanism for tubing machines. 2,049,514; Aug. 4.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Cut-off and discharge mechanism for tubing machines, bag making machines, and the like. 2,049,515; Aug. 4.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Making bags. 2,054,832; Sept. 22.
- Potdevin, Adolph, Garden City, Long Island, assignor to Potdevin Machine Company, Brooklyn, N. Y. Apparatus for making bags. 2,054,833; Sept. 22.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Bag. 2,056,804; Oct. 6.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Apparatus for making bags. 2,058,501; Oct. 27.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Making bags. 2,061,437; Nov. 17.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Making bags. 2,061,438; Nov. 17.
- Potdevin Machine Company. (See Ettl, Joseph, assignor.)
- Potdevin Machine Company. (See Potdevin, Adolph, assignor.)
- Potemkin, Louis, Pawtuxet, R. I. Flexible rake construction. 2,055,986; Sept. 29.
- Pothier, Jules, Quebec, Canada. License plate securing device. 2,054,468; Sept. 15.
- Poto, William L., assignor to The Alliance Machine Company, Alliance, Ohio. Ingot stripper. 2,043,593; June 9.
- Pott, Alfred, H. Broche, and K. Ehrmann, Essen, Ruhr, Germany. Purifying and stabilizing aromatic light oil. 2,033,297; Mar. 10.
- Pott, Friedrich, Thuringia, assignor to Mercedes Büromaschinen-Werke Aktiengesellschaft, Benshausen, Thuringia, Germany. Key canceling arrangement for calculating machines. 2,059,652; Nov. 3.
- Pott, Robert H., Evansville, Ind. Impact tool. 2,049,273; July 28.
- Potter, Albert T., Detroit, Mich., assignor to Ainsworth Manufacturing Company. Windshield frame. 2,039,836; May 5.
- Potter, Albert T., Detroit, Mich., assignor to Ainsworth Manufacturing Corporation. Antirattle device for wind-dows. 2,059,027; Oct. 27.
- Potter, Arthur C., Grantham, England. Bore hole pump equipment. 2,034,419; Mar. 17.
- Potter, Charles P., Toronto, Ontario, Canada. Game device. 2,036,718; Apr. 7.
- Potter, David P., Mason, Mich. Traffic signal switch. 2,037,146; Apr. 14.
- Potter, Fred, Jr., Elmira, N. Y., assignor, by mesne assignments, to American Sales Book Company, Inc. Record control for billing machines. 2,038,381; Apr. 21.
- Potter, Frederick H., and R. F. MacAlpine, assignor to Sprague Specialties Company, North Adams, Mass. Electrical condenser. 2,057,790; Oct. 20.
- Potter, John A., and J. P. Rathbun, Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat exchange apparatus. 2,061,007; Nov. 17.
- Potter, Joseph L., Indianapolis, Ind. Reel base-plate fishing-rod attaching means. 2,029,188; Jan. 28.
- Potter, Pierce & Scheffer. (See Lippincott, Walter M., assignor.)
- Potter, Ralph K., Madison, N. J., assignor to American Telephone and Telegraph Company. Electrical circuit arrangement. 2,030,178; Feb. 11.
- Potter, Ralph K., Madison, N. J., assignor to American Telephone and Telegraph Company. Electrical circuit arrangement. 2,030,179; Feb. 11.
- Potter, Ralph K., Madison, N. J., assignor to American Telephone and Telegraph Company. Electrical circuit arrangement. 2,030,180; Feb. 11.



- Potter, Ralph K., Madison, N. J., assignor to American Telephone and Telegraph Company. Directional radio signaling. 2,030,181; Feb. 11.
- Potter, Ralph K., Madison, N. J., assignor to American Telephone and Telegraph Company. Diversity reception system. 2,037,865; Apr. 21.
- Potter, Ralph K., Madison, N. J., assignor to American Telephone and Telegraph Company. Signaling with high frequency waves. 2,048,080; July 21.
- Potter, Russell L., assignor to The De Vilbiss Company, Toledo, Ohio. Spray gun. 2,060,894; Nov. 17.
- Potter, Thomas I. (See Bronaugh, L. J., and Potter.)
- Potter, Thomas R., Los Angeles, Calif. Combination game board and accessories. 2,052,035; Aug. 25.
- Potter, W. W. (See Chase, Raymond H., assignor.)
- Potter, William I., et al. (See Harrington, John W., assignor.)
- Potter, William W. (See Curtis, Myron S., assignor.)
- Potthoff, Kurt T., Brooklyn, N. Y., assignor to U. S. Galvanizing & Plating Equipment Corporation. Apparatus for treating material. 2,037,264; Apr. 14.
- Potthoff, Kurt T., assignor to U. S. Galvanizing & Plating Equipment Corporation, Brooklyn, N. Y. Pipe coating apparatus. 2,050,859; Aug. 11.
- Pottorff, Victor V., Tucson, Ariz. Display stand. 2,041,370; May 19.
- Potts, Carol T., Hudson, N. Y. Type clip. 2,048,621; July 21.
- Potts, George. (See Hanks, W. V., Freyermuth, and Potts.)
- Potts, Joshua R. H. (See Liner, Julius, assignor.)
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraph transmitter. 2,057,111; Oct. 13.
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Line casting and composing machine. 2,057,652; Oct. 13.
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Convertible shift reperforator. 2,057,653; Oct. 13.
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Line casting and composing machine. 2,062,332; Dec. 1.
- Potts, Ralph H., assignor to Armour and Company, Chicago, Ill. Packaging molten soap. 2,031,853; Feb. 25.
- Potts, Ralph H., Chicago, and J. E. McKee, Western Springs, assignors to Armour and Company, Chicago, Ill. Fatty acid distillation. 2,054,096; Sept. 15.
- Pough, Francis H., assignor to Southern Acid and Sulphur Company, St. Louis, Mo. Sulphur preparation. 2,037,090; Apr. 14.
- Pougher, Arthur W., and S. Fitton, Manchester, England. Exhaust silencer for internal combustion engines. 2,033,784; Mar. 10.
- Poulin, Francois, assignor of one-half to L. Chevalier, Sherbrooke, Quebec, Canada. Dispensing device for collapsible tubes. 2,032,305; Feb. 25.
- Poulter, John W., Mount Pleasant, Iowa, assignor to National Equipment Corporation, Milwaukee, Wis. Method and apparatus for treating sunken composite pavements. 2,041,266; May 19.
- Poulter, John W., Mount Pleasant, Iowa, assignor to National Equipment Corporation, Milwaukee, Wis. Convertible apparatus for emplacing plastic material. 2,065,022; Dec. 22.
- Pountnay, John, Daytona Beach, Fla. Expander device. 2,046,087; June 30.
- "Pouring Spouts Inc." (See Read, Arthur, assignor.)
- Povelsen, Ingild, Washington, D. C. Mechanical calendar. 2,044,808; June 23.
- Powderco Inc. (See Van Law, Durbin, assignor.)
- Powell, Alan R., and E. C. Davies, assignors to Johnson Matthey & Company Limited, London, England. Electrodeposition of metals of the platinum group. 2,027,358; Jan. 7.
- Powell, Albert C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Trunk circuit. 2,027,197; Jan. 7.
- Powell, C. E., Emsworth, J. W. Force, Aliquippa, and F. W. Ofeldt, McKeesport, assignors to Homestead Valve Manufacturing Company, Coraopolis, Pa. Automatic lift valve. 2,064,765; Dec. 15.
- Powell, Edward R., Alexandria, Ind. Insulated wall. 2,032,852; Mar. 3.
- Powell, Edward R., Alexandria, Ind. Expanded masonry. 2,052,842; Sept. 1.
- Powell, Edward R., Alexandria, Ind., assignor to Johns-Manville Corporation, New York, N. Y. Treated fibrous material. 2,055,446; Sept. 22.
- Powell, Edward R., Alexandria, Ind., assignor, by mesne assignments to Johns-Manville Corporation, New York, N. Y. Process and furnace for making mineral wool. 2,057,393; Oct. 13.
- Powell, Edward V., Arlington, Mass. Wind instrument of the reed type. 2,051,176; Aug. 18.
- Powell, Ellis G., Michigan City, Ind., assignor to C. A. Dunham Company, Marshalltown, Iowa. Electrical controller. 2,031,502; Feb. 18.
- Powell, Ellis G., Michigan City, Ind., assignor to C. A. Dunham Company, Marshalltown, Iowa. Timing relay mechanism. 2,062,606; Dec. 1.
- Powell, Harry, Philadelphia, Pa. Timing device. 2,048,198; July 21.
- Powell, Henry K. (See Leopold, S. N., and Powell.)
- Powell, Henry K., assignor to Morris Paper Mills, Chicago, Ill. Carton setting-up device. 2,040,154; May 12.
- Powell, Henry K., and S. N. Leopold, Chicago, Ill., assignors, by mesne assignments, to President and Directors of the Manhattan Company, trustees for Gibson Patent Containers, Ltd. Collapsible paper container. 2,053,686; Sept. 8.
- Powell, Herbert S., Utica, N. Y. Muffler. 2,060,116; Nov. 10.
- Powell, Horace M., assignor to Eli Lilly and Company, Indianapolis, Ind. Common-cold antigen. 2,040,794; May 12.
- Powell, John, Kokomo, Ind. Checkrow transplanting machine. 2,061,210; Nov. 17.
- Powell, John H., Chester, and G. C. Staats, Folsom, assignors to Baldt Anchor Chain & Forge Corporation, Chester, Pa. Mechanism for welding chain links. 2,046,131; June 30.
- Powell, Max. (See Bavin, G. D., and Powell.)
- Powell, Max, San Gabriel, assignor to Specialty Sales Corporation, Ltd., Los Angeles, Calif. Oil de-emulsifying process. 2,056,669; Oct. 6.
- Powell, Raymond E., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Welding device. 2,059,605; Nov. 3.
- Powell, Reginald A., and R. W. Newton, Collingwood, near Melbourne Victoria, Australia, assignors to Patent Holdings Proprietary Limited, Melbourne, Victoria, Australia. Windshield wiper motor. 2,032,715; Mar. 3.
- Powell, Stanley C. (See Graves, E. R., and Powell.)
- Powell, Victor T., Sacramento, Calif. Carpenter's garment. 2,066,072; Dec. 29.
- Powell, Willard C., Dayton, Ohio. Device for facilitating the reading of a slide rule. 2,060,528; Nov. 10.
- Powell, Winfred T. (See Bushnell, C. S., and Powell.)
- Powell, Winfred T., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Remotely controlled radio receiving system. 2,055,363; Sept. 22.
- Powell, Winfred T., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,058,824; Oct. 27.
- Powell, Winfred T., assignor to General Railway Signal Company, Rochester, N. Y. Selective signaling system. 2,062,822; Dec. 1.
- Power, James R., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling device. 2,046,698; July 7.
- Power, James T., assignor to Atlas Powder Company, Wilmington, Del. Finishing leathers and product. 2,063,337; Dec. 8.
- Power, John J., Detroit, Mich. Steam boiler. 2,061,087; Nov. 17.
- Power Piping Company. (See Quartz, W. N., and Bannen, assignors.)
- Power Transmission Company, The. (See Neuland, Alfons H., assignor.)
- Powers, David W., et al. (See Powers, Frank M., assignor.)
- Powers, Donald H., Moorestown, N. J., and L. H. Bock, Bristol, assignors to Röhm & Haas Company, Philadelphia, Pa. Mercerizing. 2,040,065; May 5.
- Powers, Frank B., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,053,440; Sept. 8.
- Powers, Frank B., Forest Hills, and C. C. Whittaker, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,030,119; Feb. 11.
- Powers, Frank M., assignor of one-third to T. C. Powers, and one-third to D. W. Powers, Chicago, Ill. Hammock. 2,062,069; Nov. 24.
- Powers, Frank T., Douglaston, N. Y. Apparatus for making negatives. 2,044,184; June 16.
- Powers, Frank T., Glen Cove, N. Y. Plate straightener. 2,064,850; Dec. 22.
- Powers, Fred W., assignor to The Powers Regulator Company, Chicago, Ill. Two-temperature thermostat. 2,057,054; Oct. 13.
- Powers, Milton A., Detroit, Mich. Device for inspecting liquids. 2,062,929; Dec. 1.
- Powers, Milton A., assignor to The Timken Silent Automatic Company, Detroit, Mich. Liquid fuel burning apparatus. 2,039,607; May 5.
- Powers, Milton A., assignor to The Timken-Silent Automatic Company, Detroit, Mich. Hearth construction for rotary oil burners. 2,055,589; Sept. 29.
- Powers, Milton A., assignor to The Timken-Silent Automatic Company, Detroit, Mich. Apparatus for burning liquid fuel. 2,064,080; Dec. 15.
- Powers, Milton A., assignor, by mesne assignments, to The Timken Silent Automatic Company, Detroit, Mich. Fuel burning method. 2,065,393; Dec. 22.
- Powers, Raymond, Syracuse, assignor to The Borden Company, New York, N. Y. Making improved bread product. 2,059,905; Nov. 3.
- Powers Regulator Company, The. (See Klages, Frank E. P., assignor.)
- Powers Regulator Company, The. (See Powers, Fred W., assignor.)
- Powers Regulator Company, The. (See Snediker, Morton O., assignor.)
- Powers Regulator Company, The. (See Young, Howard J., assignor.)



- Powers, Rolla E., Verona, Pa., and H. R. Searing, New York, N. Y., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Network distribution system. 2,042,187; May 26.
- Powers, Thomas C., et al. (See Powers, Frank M., assignor.)
- Powers, Victor, Lyons, Ill. Slicing machine. 2,035,339; Mar. 24.
- Poynter, Henson W., Clarksburg, W. Va. Railway safety automatic track device. 2,051,742; Aug. 18.
- Prabell, Albert, Bellevue, Ky., assignor to The Lockwood Manufacturing Company, Cincinnati, Ohio. Reinforced bakepan unit. 2,037,821; Apr. 21.
- Pracht, Rudolf, assignor to the Firm Hermann Tschentschel, Maschinenfabrik, Breslau, Germany. Double collar. 2,051,416; Aug. 18.
- Pracht, Rudolf, assignor to the firm Hermann Tschentschel, Maschinenfabrik, Breslau, Germany. Apparatus for shaping double collars. 2,059,606; Nov. 3.
- Practical Instrument Company. (See Fraher, R. E., Butler, Hendricks, and Lipman, assignors.)
- Praetorius, Edward, and J. E. Stewart, Los Angeles, Calif. Self-generating photoelectric cell. 2,041,953; May 26.
- Praetorius, Edward, and J. E. Stewart, Los Angeles, Calif. Light sensitive cell. 2,055,017; Sept. 22.
- Prager, Gerald A., New York, N. Y. Advertising device. 2,033,993; Mar. 17.
- Prahl, Milton A. (See Weiland, H. J., and Prahl.)
- Prahl, Walter, and W. Mathes, assignors to Dr. F. Raschig G. m. b. H., Ludwigshafen-on-the-Rhine, Germany. Manufacture of phenol. 2,035,917; Mar. 31.
- Pranger, Albert, and B. Boykin, Jr., Beaumont, Tex., assignors, by mesne assignments, to International-Stacey Corporation, Columbus, Ohio. Well boring apparatus. 2,030,318; Feb. 11.
- Pranke, Edward J., Great Barrington, Mass., assignor to E. I. du Pont de Nemours & Company, Inc. Cooling molten material. 2,031,790; Feb. 25.
- Pranke, Edward J., Great Barrington, Mass., assignor to E. I. du Pont de Nemours & Company, Inc. Removing water from cyanid. 2,042,549; June 2.
- Pranke, Edward J., Great Barrington, Mass., assignor to E. I. du Pont de Nemours & Company, Inc. Producing white cyanid by fusion. 2,055,136; Sept. 22.
- Prat-Daniel Corporation. (See Lewis, Varnum S., assignor.)
- Prat-Daniel Corporation. (See Watson, John E., assignor.)
- Pratt, Best, and G. F. Weinreich, assignors to Brake Equipment & Supply Company, Chicago, Ill. Gas range structure. 2,059,534; Nov. 3.
- Pratt, Best, and G. F. Weinreich, Chicago, Ill., assignors, by mesne assignments, to The Rotor Gas Valve Co. Rotary disk valve. 2,061,716; Nov. 24.
- Pratt, Charles A., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,029,793; Feb. 4.
- Pratt, Charles A., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,030,535; Feb. 11.
- Pratt, Clifton J., St. Louis, Mo., assignor, by mesne assignments to J. P. Devine Manufacturing Co., Inc., Vernon, Ill. Apparatus for coking liquid residuums. 2,028,166; Jan. 21.
- Pratt, Edward R., West Medford, Mass. Fertilized mulch paper. 2,030,267; Feb. 11.
- Pratt, Goodrich B. (See Barber, G. H., and Pratt.)
- Pratt, Harry P., Chicago, Ill. Television system. 2,048,517; July 21.
- Pratt, Harry P., Chicago, Ill., assignor, by mesne assignments, to H. P. Pratt, W. F. Grower, H. A. Allen, H. T. Ballard, and G. S. Herrington, trustees acting as Pratt Radio Trust. Radio apparatus. 2,043,517; June 9.
- Pratt, John G. (See Kinsella, E., Pratt, and Kelsall.)
- Pratt, Louis. (See Carlson, O. A., and Pratt.)
- Pratt, Norman F., St. Petersburg, Fla. Apparatus for producing gas. 2,051,743; Aug. 18.
- Pratt, Oliver G., East Orange, assignor to Gasoline Products Company, Inc., Newark, N. J. Treating hydrocarbon oils. 2,034,989; Mar. 24.
- Pratt Radio Trust. (See Pratt, Harry P., assignor.)
- Pratt, Read & Company. (See Smiley, Gilbert, assignor.)
- Pratt, Robert K., Sr., Cape Charles, Va. Combination fish net and basket. 2,057,055; Oct. 13.
- Pratt, Rufus W., Philadelphia, Pa. Water heater. 2,060,950; Nov. 17.
- Pratt, Theodore, Glen Cove, N. Y. Combustion engine. 2,026,705; Jan. 7.
- Pratt & Whitney Company. (See Knowles, C., and Law, assignors.)
- Pratt & Whitney Company. (See Shaw, Robert D., assignor.)
- Pratt, William B., Wellesley, Mass., assignor to J. Abbott, E. D. Chadwick and M. B. May, Trustees, Winchester, Mass. Treatment of cotton goods. 2,040,795; May 12.
- Pratt, William E., Mfg. Co. (See Garling, John, assignor.)
- Pratt, William E., Mfg. Co. (See Tyler, William C., assignor.)
- Pratt, William H., Lynn, Mass., assignor to General Electric Company. Pointer mounting arrangement for measuring instruments. 2,032,306; Feb. 25.
- Pratt, William H., Lynn, Mass., assignor to General Electric Company. Electrical meter. 2,044,542; June 16.
- Pray, George E., Fort Monmouth, Oceanport, N. J. Fluid controlled switch. 2,041,726; May 26.
- Pray, Horace B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydroxy phenyl morpholines. 2,063,191; Dec. 8.
- Precision Air Gauge Company. (See Hardy, James H., assignor.)
- Precision Scientific Company. (See Newman, Alexander I., assignor.)
- Precision Thermometer and Instrument Co. (See Engelhardt, Hugo, assignor.)
- Pre Cote Corporation. (See McConnaughay, Kenneth E., assignor.)
- Preddey, Walter G., San Francisco, Calif. Alternating current lamp. 2,065,735; Dec. 29.
- Preisach, Franz, Berlin-Charlottenburg, assignor to Siemens and Halske Aktiengesellschaft, Berlin, Germany. Signaling system. 2,041,147; May 19.
- Preisman, Louis, Wilmington, Del., assignor to General Chemical Company, New York, N. Y. Manufacture of phosphates. 2,046,841; July 7.
- Preisman, Louis, Wilmington, Del., assignor to General Chemical Company, New York, N. Y. Manufacture of phosphates. 2,046,842; July 7.
- Preisser, Frederick, Plainville, and F. A. Lindsley, Bridgeport, Conn. Universal mop. 2,050,762; Aug. 11.
- Preiswerk, Max, assignor to Aluminum-Industrie Aktien-Gesellschaft, Neuhausen, Switzerland. Suspension clamp for overhead transmission lines. 2,058,258; Oct. 20.
- Prell, Christian. (See Murmann, Ernst, assignor.)
- Premier Bed & Spring Company. (See Smith, Arthur M., assignor.)
- Premier Crystal Laboratories, Inc. (See Barber, Alfred W., assignor.)
- Premier Manufacturing & Sales Company. (See Lofstedt, William J., assignor.)
- Premo, Owen D., Muskegon Heights, Mich. Camera. 2,046,580; July 7.
- Prendergast, Clarence T. (See Anderson, H. A., Gillis, Kagi, and Prendergast.)
- Prendergast, James and J., Claremont, N. H., assignors to Sullivan Machinery Company. Clamping device. 2,061,369; Nov. 17.
- Prendergast, Joseph. (See Prendergast, J. and J.)
- Prentice, G. E., Manufacturing Company. (See Conlin, Edward J., assignor.)
- Prentice, G. E., Manufacturing Company. (See Legat, Robert C., assignor.)
- Prentice, G. E., Manufacturing Company. (See Prentice, George E., assignor.)
- Prentice, George E., Berlin, Conn. Fastener unit. 2,029,585; Feb. 4.
- Prentice, George E., Berlin, Conn. Making fastener units. 2,048,709; July 28.
- Prentice, George E., Berlin, assignor to G. E. Prentice Manufacturing Company, New Britain, Conn. Slider for fasteners. 2,042,325; May 26.
- Prentice, James M., assignor to The Electric Game Company, Holyoke, Mass. Electrically operated game apparatus. 2,029,834; Feb. 4.
- Prentiss, Henning W., Jr., assignor to Armstrong Cork Company, Lancaster, Pa. Textile roll. 2,046,137; June 30.
- Prentiss, Augustin M., San Antonio, Tex., assignor to Bendix Stromberg Carburetor Company, South Bend, Ind. Carburetor. 2,057,739; Oct. 20.
- Prentiss, Frank S. (See Hazard, C. S., and Prentiss.)
- Prentiss, Polly, Inc. (See Beall, Herbert W., assignor.)
- Prentiss, Polly, Inc. (See Bradwell, Robert H., assignor.)
- Prentiss Wabers Products Co. (See Yeager, Anton J., assignor.)
- Preparation Industrielle des Combustibles. (See Spinetta, Dominique, assignor.)
- Preplan, Inc. (See Evers, William H., assignor.)
- Preplan, Incorporated. (See Wichmann, Paul C., assignor.)
- Prescott, Harold R., assignor to Continental Oil Company, Ponca City, Okla. Method and apparatus for making geophysical explorations. 2,053,841; Sept. 8.
- Prescott, Harold R., and F. L. Searcy, assignors to Continental Oil Company, Ponca City, Okla. Making geophysical explorations. 2,046,843; July 7.
- Prescott, Harold R., and F. L. Searcy, assignors to Continental Oil Company, Ponca City, Okla. Geological exploration. 2,049,724; Aug. 4.
- President and Directors of The Manhattan Company. (See Snyder, George C., assignor.)
- Presnell, Frank G., Chillicothe, Ohio, assignor to Hydraulic Brake Company, Detroit, Mich. Brake. 2,034,922; Mar. 24.
- Presscott, Harold R., and A. P. Lipski, assignors to Continental Oil Company, Ponca City, Okla. System sensitive to vibrations. 2,058,106; Oct. 20.
- Pressed Steel Car Company. (See Anderson, John P., assignor.)
- Pressed Steel Car Company. (See Rebstock, Julius H., assignor.)
- Pressed Steel Car Company. (See Reeder, Nathaniel S., assignor.)
- Pressed Steel Car Company. (See Suckfield, George A., assignor.)
- Pressed Steel Company of Great Britain Limited, The. (See Swallow, William, assignor.)
- Pressed Steel Tank Company. (See Coakley, William E., assignor.)



- Presser, Ernst, Berlin, Germany, assignor to Radio Patents Corporation, New York, N. Y. Illumination meter. 2,045,797; June 30.
- Prestage, Edwin, London, England. Plate heat exchanger. 2,028,562; Jan. 21.
- Prestage, Edwin, London, England. Heat exchange apparatus. 2,029,083; Jan. 28.
- Prestage, Edwin, London, England. Milk pasteurizing and cooling unit. 2,041,483; May 19.
- Prestinari, Eugen, Summit, assignor to Gemex Company, Newark, N. J. Extensible buckle construction. 2,057,589; Oct. 13.
- Pres-To-Fill Products Company. (See Koeller, Walter P., assignor.)
- Presto Lock Corporation. (See Levine, Abraham, assignor.)
- Pres-Toe Flatiron Corporation. (See Eichorn, Frederick W., assignor.)
- Preston, Amos J., Beverly, assignor to Yates Machine Company, Salem, Mass. Device for stretching rugs and the like. 2,043,555; June 9.
- Preston, Frank W., Butler, Pa. Hydraulic testing machine. 2,048,027; July 21.
- Preston, Frederick A., Lake Forest, assignor to The P & M Company, Chicago, Ill. Tie plate and rail retaining clip. 2,035,918; Mar. 31.
- Preston, Henry C., Baltimore County, Md., assignor to The Black & Decker Manufacturing Company. Valve seat grinding tool. 2,056,483; Oct. 6.
- Preston, Herbert E., assignor to American Engineering Company, Philadelphia, Pa. Furnace stoker. 2,062,762; Dec. 1.
- Preston, Herbert E., assignor to American Engineering Company, Philadelphia, Pa. Furnace stoker. 2,062,763; Dec. 1.
- Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system. 2,038,128; Apr. 21.
- Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,045,723; June 30.
- Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Control means for highway crossing signals. 2,051,418; Aug. 18.
- Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,051,419; Aug. 18.
- Preston, Warren E. (See Barnes, G. M., and Preston.)
- Prestwich, John V., Tottenham, London, England. Bale tie and band and fastening the same. 2,059,906; Nov. 3.
- Pretzfelder, Millard, St. Albans, assignor to Paper Novelty Manufacturing Co., New York, N. Y. Christmas tree ornament. 2,059,653; Nov. 3.
- Preussische Bergwerke-und Hütten Aktiengesellschaft. (See Haase, K., and Werth, assignors.)
- Prevette, B. T. (See Prevette, Leander F., assignor.)
- Prevette, Leander F., Thomasville, assignor of one-half to B. T. Prevette, Lexington, N. C. Folding aeroplane wing. 2,032,307; Feb. 25.
- Prevost, Arthur A., Detroit, Mich. Milk bottle stopper. 2,052,941; Sept. 1.
- Prew, Harvey A., Providence, R. I. Tray and making the same. 2,047,835; July 14.
- Pribble, Harold A., Goshen, Ind. Copy holder. 2,053,738; Sept. 8.
- Pribil, Alexis R., Saginaw, Mich. Trailer. 2,033,298; Mar. 10.
- Pribil, Alexis R., Saginaw, Mich. Trailer hitch bracket. 2,035,669; Mar. 31.
- Price, Albert O., Leesville, Ohio, assignor to The Priceler Corporation, Cleveland, Ohio. Pump. 2,037,265; Apr. 14.
- Price, Arthur E. (See Graham, G. M., Price, and Westcott.)
- Price, Charles S., Hollis, assignor to Reynolds Metals Company, New York, N. Y. Making packages of Christmas seals. 2,034,269; Mar. 17.
- Price, Charles V. (See Marsh, F. E., and Andersen, assignors.)
- Price, Charles W., Hollywood, Calif., assignor of one-half to Charles E. Scribner, New York, N. Y. Collar holder. 2,059,998; Nov. 3.
- Price, Earl R. (See Price, Harold W., and E. R.)
- Price, Edgar, Schenectady, N. Y., assignor to General Electric Company. Brake apparatus. 2,059,028; Oct. 27.
- Price, Elizabeth B., Clay Center, Kans. Garment. 2,049,569; Aug. 4.
- Price, Emil, and W. A. Pfister, Los Angeles, Calif. Shower head. 2,044,445; June 16.
- Price, Frank J., Detroit, Mich. Window molding. 2,038,382; Apr. 21.
- Price, Harold C. (See Gregory, Lon S., assignor.)
- Price, Harold W. and E. R., assignors to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,051,893; Aug. 25.
- Price, Harold W., and V. W. Kliesrath, assignors to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,051,894; Aug. 25.
- Price, Harold W. and E. R., assignors to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,057,740; Oct. 20.
- Price, Harold W. and E. R., assignors to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,061,590; Nov. 24.
- Price, Harry M., Waukegan, Ill. Milk can dumping machine. 2,061,085; Nov. 17.
- Price, Joseph, West Brighton, assignor to The Griscom-Russell Company, New York, N. Y. Heat exchanger. 2,036,957; Apr. 7.
- Price, Joseph, West New Brighton, Staten Island, assignor to The Griscom-Russell Company, New York, N. Y. Heat exchanger. 2,046,481; July 7.
- Price, Joseph, West New Brighton, Staten Island, and R. C. Jones, Bronxville, assignors to The Griscom-Russell Company, New York, N. Y. Heat exchanger. 2,053,780; Sept. 8.
- Price, Joseph, West New Brighton, Staten Island, N. Y., assignor, by mesne assignments, to The Griscom-Russell Company. Heat exchanger. 2,061,980; Nov. 24.
- Price, Joseph M. (See Doland, Frank J., assignor.)
- Price, Joseph W., Jr. (See Light, R. A., and Price.)
- Price, Lewis A., Dallas, Tex. Drag line excavator bucket. 2,053,970; Sept. 8.
- Price, Lorenzo. (See Achauer, C. V., and Price.)
- Price, Manley R., Cleveland, Ohio, assignor to George M. Soule, Cleveland, Ohio, as trustee. System of wall construction. 2,056,328; Oct. 6.
- Price, Nathan C., Berkeley, Calif. Control system. 2,064,494; Dec. 15.
- Price, Norman H., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 2,053,377; Sept. 8.
- Price, Robert J., Uniontown, Pa. Ice cream dipper. 2,063,754; Dec. 8.
- Price, Thomas H., Chelmsford, England, assignor to Radio Corporation of America. Series modulation system employing fluid cooled thermionic valves. 2,033,999; Mar. 17.
- Price, Wallace C. (See Ecklund, Albert T., assignor.)
- Price, Wilbur F. (See Weindel, F., and Price.)
- Price, William A., Toledo, assignor to The Standard Oil Company, Cleveland, Ohio. Micrometer tube caliper. 2,048,407; July 21.
- Price, William B., assignor to Scovill Manufacturing Company, Waterbury, Conn. Welding rod. 2,046,088; June 30.
- Priceler Corporation, The. (See Price, Albert O., assignor.)
- Prichard, Geo. W., et al. (See Burke, William H., assignor.)
- Prickett, Russell, Princeton, N. J. Metalworking machine. 2,043,810; June 9.
- Prickett, Thomas B. (See Harrison, J. W., and Prickett.)
- Prickett, Thomas B., Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del. Mounting of wells for indicating and recording apparatus. 2,047,223; July 14.
- Prickett, Thomas B., Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del. Application of heat to converters. 2,062,333; Dec. 1.
- Prickett, Thomas B., and R. C. Lassiat, Woodbury, N. J., assignors to Houdry Process Corporation, Dover, Del. Reaction vessel. 2,033,953; Mar. 17.
- Priddy, Thomas R., Richmond, Va., assignor to The American Tobacco Company, New York, N. Y. Method of and machine for cutting and removing tie-leaves from hands of leaves. 2,055,306; Sept. 22.
- Priddy, Thomas R., Richmond, Va., assignor to The American Tobacco Company, New York, N. Y. Apparatus for removing tie elements from hands of leaves. 2,055,307; Sept. 22.
- Pride, George H., New York, N. Y. Method and apparatus for dunnaging materials. 2,032,591; Mar. 3.
- Pride, George H., New York, N. Y. Method and apparatus for handling materials. 2,036,359; Apr. 7.
- Priebe, Alfred H. (See Bard, F. N., Gray, and Priebe.)
- Prielipp, Walter, Dortmund, assignor to Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Sheet piling. 2,027,288; Jan. 7.
- Prielipp, Walthar, Dortmund, Germany. Metal pile. 2,057,310; Oct. 13.
- Prien, Otto C., Hamburg, Germany. Massage machine. 2,052,656; Sept. 1.
- Priest, Dwight E., assignor to Parker Wire Goods Company, Worcester, Mass. Hacksaw frame construction. 2,058,107; Oct. 20.
- Priest, Wilmer M. (See Linke, H., and Priest.)
- Priestley, William J., New Rochelle, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Surface alloyed casting. 2,066,054; Dec. 29.
- Priestman, Percy C., Sudbury, and P. L. Grant, Baling, London, England. Registering device. 2,052,843; Sept. 1.
- Prikel, Gottfried, Bucharest, Rumania. Electrical contact device. 2,059,488; Nov. 3.
- Prima Manufacturing Company. (See Waterworth, Robert J., assignor.)
- Primavera, Vincent A. R., assignor of one-half to M. A. and A. A. Campagna, New York, N. Y. Pocket package of liquor or cordial. 2,035,340; Mar. 24.
- Prime Machine Co. Inc. (See Roseman, Leo, assignor.)
- Prime Manufacturing Company, The, et al. (See Krause, Victor, assignor.)
- Primrose, James. (See Thomson, R. F., Smith, and Primrose.)
- Prince, Charles E., Kittery, Maine. Eddy current minimizer. 2,040,103; May 12.
- Prince, David C., Schenectady, N. Y., assignor to General Electric Company. Grid structure for vapor electric devices. 2,037,533; Apr. 14.



- Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Electric circuit interrupter. 2,049,318; July 28.
- Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Circuit breaker. 2,053,971; Sept. 8.
- Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Power system. 2,062,104; Nov. 24.
- Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Power system. 2,062,105; Nov. 24.
- Prince, John, Hollinwood, England, assignor to Ferranti Inc., New York, N. Y. Prepayment mechanism. 2,045,200; June 23.
- Prince, Marius D., Los Angeles, Calif. Separating device. 2,029,671; Feb. 4.
- Princeton Inc. (See Fleisher, Harry, assignor.)
- Prindle, Frank P., assignor to The Stanley Works, New Britain, Conn. Seal for metal straps. 2,053,739; Sept. 8.
- Pringle, Edward, et al. (See Sutton, Cyril D., assignor.)
- Prins, Frank L., assignor to Stern Slegman Prins Company, Kansas City, Mo. Convertible garment. 2,055,802; Sept. 29.
- Prins, Klaas. (See Hebley, H. F., and Prins.)
- Printing Machinery Company, The. (See Thiel, Emil E., assignor.)
- Prinz, Carl, assignor to firm Carl Zeiss, Jena, Germany. Thermostat device controlling the correct position of a source of radiation, especially of the arc of an arc lamp. 2,055,705; Sept. 29.
- Prinz, Dietrich. (See Kühle, W. E., Prinz, and Herriger.)
- Prinz, Dietrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray television system. 2,050,628; Aug. 11.
- Prinz, Dietrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge tube. 2,061,387; Nov. 17.
- Prinz, Dietrich, and W. Wehnert, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Arrangement for the generation of relaxation waves. 2,036,719; Apr. 7.
- Prinz, Dietrich, and H. O. Roosenstein, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultra short wave oscillation generator. 2,042,864; June 2.
- Prinz, Karl. (See Büchele, C., and Prinz.)
- Pritchard, Levi T., Tulsa, Okla. Driving mechanism. 2,062,930; Dec. 1.
- Pritchard, Reginald E., Old Trafford, and I. J. McAlpine, Urmoston, assignors to W. T. Glover and Company Limited, Manchester, England. Roller closing die arrangement for use in stranding machines. 2,032,308; Feb. 25.
- Pritchard, William N., Jr. (See Shreve, R. N., Pritchard, Farr, Still, and Crosby.)
- Pritchard, William S. (See Filson, G. W., and Walton, assignors.)
- Pritchard, William T., Belvidere, N. J., and A. R. Saunders, Clifton, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Burnishing tool. 2,063,338; Dec. 8.
- Privinsky, Franz. (See Frank, K., Dietz, Privinsky, and Thiel.)
- Probach, Otto, Leipzig-Mockern, Germany, assignor to The National Acme Company, Cleveland, Ohio. Metalworking machine. 2,063,339; Dec. 8.
- Probst, Frederick B., assignor to Minneapolis Linen Supply Company, Minneapolis, Minn. Fabric cap. 2,057,915; Oct. 20.
- Prochiette, Jean A., Berkeley, Calif. Nailing machine. 2,058,034; Oct. 20.
- Procita, Vincent J. (See Jokela, L., and Procita.)
- Procoff-Seversky, Alexander, New York, N. Y., assignor to Seversky Aero Corporation. Variable speed drive for calculator mechanism. 2,026,912; Jan. 7.
- Procoff-Seversky, Alexander, New York, N. Y., assignor to Seversky Aero Corporation. Sighting control for aircraft. 2,027,348; Jan. 7.
- Procoff-Seversky, Alexander, New York, N. Y., assignor to Seversky Aero Corporation. Range finding and flight directing apparatus for use in aircraft. 2,027,349; Jan. 7.
- Procoff-Seversky, Alexander, New York, N. Y., assignors to Seversky Aero Corporation. Apparatus for use in directing the flight of aircraft. 2,027,350; Jan. 7.
- Procter, Bryant S., Chicago, Ill. Golf stroke practice device. 2,052,988; Sept. 1.
- Procter & Gamble Company, The. (See Coith, H. S., and Votaw, assignors.)
- Procter & Gamble Company, The. (See Eckey, E. W., and Clark, assignors.)
- Procter & Gamble Company, The. (See Ellis, Carleton, assignor.)
- Procter & Gamble Company, The. (See Ferguson, Ralph H., assignor.)
- Procter & Gamble Company, The. (See Moore, Jack H., assignor.)
- Procter & Gamble Company, The. (See Reed, Robert M., assignor.)
- Procter & Gamble Company, The. (See Reid, F., and Heitlage, assignors.)
- Procter & Gamble Company. (See Snoddy, A. O., and Martin, assignors.)
- Procter & Gamble Company, The. (See Votaw, V. M., and Coith, assignors.)
- Proctor, B. A., Company. (See Proctor, Barton A., assignor.)
- Proctor, Barton A., Larchmont, N. Y., assignor to Kinatome Patents Corporation. Intermittent movement for film handling apparatus. 2,046,844; July 7.
- Proctor, Barton A., Larchmont, assignor to B. A. Proctor Company, Inc., New York, N. Y. Phonograph. 2,060,117; Nov. 10.
- Proctor, Homer G., Waukegan, Ill., assignor to The American Steel and Wire Company of New Jersey. Take-up block. 2,032,716; Mar. 3.
- Proctor, James E. (See Nicholls, W. N., and Ormsby, assignors.)
- Proctor, James H., Northbridge, assignor to Ace Racket Stringers (Foreign Rights) Limited, Sydney, New South Wales, Australia. Apparatus for the stringing of tennis rackets. 2,028,804; Jan. 28.
- Proctor, John A., Lexington, Mass., assignor, by mesne assignments, to General Electric Company. Electrical indicating apparatus. 2,048,814; July 28.
- Proctor, Mike A., Tuscon, Ariz. Playing card separator. 2,033,447; Mar. 10.
- Proctor & Schwartz, Incorporated. (See Bogaty, Hermann S., assignor.)
- Proctor & Schwartz, Incorporated. (See Hurxthal, Alpheus O., assignor.)
- Proctor & Schwartz, Inc. (See Myers, Joseph W., assignor.)
- Proctor & Schwartz, Incorporated. (See Schwartz, Walter M., assignor.)
- Prodromos, George, and M. Prodromos, Winston-Salem, N. C. Trimmer. 2,028,686; Jan. 21.
- Prodromos, Marcus. (See Prodromos, George and M.)
- Produce Conditioners, Inc. (See Reilly, Frank J., assignor.)
- Production Instrument Company. (See Cannon, Frank J., assignor.)
- Products Protection Corporation. (See Olving, Bror G., assignor.)
- Proffitt, Russell P., Chicago, Ill., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing car wheel. 2,035,919; Mar. 31.
- Program Clock, Inc. (See Sanford, H. W., and Thomas, assignors.)
- Program Clock, Inc. (See Thomas, Fritz H., assignor.)
- Progressive Service Company. (See Deubel, Carl G., assignor.)
- Projector Improvement Company. (See Fuchs, C. A., and Spaloss, assignors.)
- Prokul, Michael, Maplewood, N. J. Two-seal inner tube. 2,039,343; May 5.
- Prolamine Products Incorporated. (See Hansen, Donald W., assignor.)
- Propello Inventions Limited. (See Yoxall, Joseph, assignor.)
- Proper, Francis R. (See Payne, W. H., and Proper, assignors.)
- Proportioneers, Inc. (See Lowe, Rudy, assignor.)
- Prosperity Company, The. (See Braun, Philip N., assignor.)
- Prosperity Company, The. (See Davis, Ernest, assignor.)
- Prosperity Company, The. (See Hutchings, Walter B., assignor.)
- Prosperity Company, The. (See Simpson, George F., assignor.)
- Prosperity Company Inc., The. (See Davis, Earnest, assignor.)
- Prosperity Company Inc., The. (See Davis, E., and Braun, assignors.)
- Prosperity Company Inc., The. (See Zimarik, Louis, assignor.)
- Prospero, Joseph F., Jersey City, N. J. Tire deflation switch. 2,057,445; Oct. 13.
- Prosser, Joseph G. (See Johnson, E. L., and Prosser.)
- Prosser, Norman I., Long Beach, Calif. System of illumination. 2,027,118; Jan. 7.
- Prosser, Patrick M., Jacksonville, Fla. Liquid dispenser. 2,036,539; Apr. 7.
- Prosser, Percy R., Pasadena, Calif. Motor table. 2,056,329; Oct. 6.
- Prosser, Thomas W., and J. H. Wahlbeck, Kankakee, assignors to Paramount Textile Machinery Co., Chicago, Ill. Hosiery drying apparatus. 2,060,895; Nov. 17.
- Prost, William, Northampton, Mass. Making Cutlery. 2,061,482; Nov. 17.
- Protectoseal Company of America. (See Anschicks, Rudolph J., assignor.)
- Protin, Edward J., Charleroi, assignor to Pittsburgh Steel Company, Pittsburgh, Pa. Transfer apparatus. 2,043,556; June 9.
- Protin Edward J., Charleroi, assignor to Pittsburgh Steel Company, Pittsburgh, Pa. Pipe joint. 2,056,112; Sept. 29.
- Protina A. G. (See Vogel, Wilhelm, assignor.)
- Protz, William C., assignor to National Tinsel Manufacturing Company, Manitowoc, Wis. Package for strand material. 2,043,118; June 2.
- Protzeller, Harry W., and F. Fahland, Fairmont, Minn. Rubber cushion. 2,058,623; Oct. 27.
- Proudfit, William S., Grand Rapids, Mich. Casting rod attachment. 2,065,153; Dec. 22.
- Prough, Lewis R. (See Forrer, J. D., and Prough.)
- Prouty, Theodore C., Hermosa Beach, assignor to Metlox Corporation, Ltd., Manhattan Beach, Calif. Multiple unit tube. 2,064,354; Dec. 15.
- Provident Trust Company of Philadelphia, et al. (executors) (See Smith, James J.)



- Provincial Paper Limited. (See Buss, John, assignor.)
- Prückner, Hermann, assignor to H. Th. Bohme Aktiengesellschaft, Chemnitz, Germany. Producing aliphatic carbonyl compounds and alcohols. 2,043,708; June 9.
- Prudden, Theodore M., Hingham Center, Mass. Drinking straw or the like. 2,036,773; Apr. 7.
- Prudden, Theodore M., Hingham Center, Mass., assignor to Pacific Mills, Lawrence, Mass. Sound absorbing structure. 2,060,241; Nov. 10.
- Pruden, Harold M., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Generator of interrupted wave. 2,036,078; Mar. 31.
- Pruden, Harold M., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,064,319; Dec. 15.
- Pruett, Lillian B., Chattanooga, Tenn. Women's undergarment. 2,053,165; Sept. 1.
- Pruitt, Harvey E., Flint, Mich. Grinding machine. 2,040,709; May 12.
- Pruitt, Harvey E., Flint, Mich. Tap. 2,058,351; Oct. 20.
- Pruitt, Henry H. (See Pfau, G. M., and Pruitt.)
- Pruitt, Raymond S., trustee, et al. (See Barton, Clarence H., assignor.)
- Pruitt, Raymond S., trustee, et al. (See Brownlee, Dalmar T., assignor.)
- Pruitt, Raymond S., et al, trustees. (See Drexler, Charles, assignor.)
- Pruitt, Raymond S., trustee, et al. (See Starkey, William C., assignor.)
- Pruitt, Wanda, Detroit, Mich. Pie knife. 2,038,197; Apr. 21.
- Prüss, Max, Essen, Germany. Sludge digestion chamber. 2,033,006; Mar. 3.
- Prüss, Max, Essen-on-the-Ruhr, Germany. Sludge digestion tank. 2,043,119; June 2.
- Prusso, Robert E., Livingston, and E. W. Gaddy, Turlock, assignors of one-fifth to W. E. Mitchell, one-fifth to E. W. Gaddy, Turlock, and one-fifth to W. Coburn Cook, Markleeville, Calif. Registering apparatus. 2,052,844; Sept. 1.
- Prutton, Carl F., East Cleveland, assignor, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition and lubricating and improving the lubricating properties of oils. 2,051,744; Aug. 18.
- Prutzman, Paul W., Los Angeles, Calif., assignor to Socony-Vacuum Corporation, New York, N. Y. Method and apparatus for electrical dehydration. 2,027,615; Jan. 14.
- Prutzman, Paul W., Los Angeles, Calif., assignor to Socony-Vacuum Corporation, New York, N. Y. Method and apparatus for electrical dehydration. 2,027,616; Jan. 14.
- Prutzman, Paul W., Los Angeles, Calif., assignor to Socony-Vacuum Corporation, New York, N. Y. Method and apparatus for electrical dehydration. 2,041,954; May 26.
- Pruvot, Henri-E-N., Sotteville les Rouen, France, assignor to C. C. Wakefield & Company Limited, London, England. Lubricating device. 2,042,681; June 2.
- Pruzan, Barney, New York, N. Y., assignor to Ranger Fastener Corp. Safety removable fastener slide. 2,065,736; Dec. 29.
- Pryale, Harry M. (See Clark, S. C., and Pryale.)
- Pryale, Harry M. (See Clark, S. C., Pryale, and Cotterman.)
- Pryale, Harry M., and S. C. Clark, and D. R. Cotterman, Pontiac, Mich. Saddle seat. 2,066,225; Dec. 29.
- Pryke, Percy W. (See Hackett, W. H., and Pryke.)
- Pryor, Clarence E., Elizabeth, N. J. Switch for electric flashlights. 2,059,029; Oct. 27.
- Pryor, Clifford M., Cleveland, Ohio. Washing machine. 2,038,058; Apr. 21.
- Pryor, Edward J. (See Pryor, William E., J. S., and E. J.)
- Pryor, James S. (See Pryor, William E., J. S., and E. J.)
- Pryor, William E., J. S., and E. J., Yuma, Ariz. Agricultural implement. 2,060,688; Nov. 10.
- Prytherch, Herbert F., and V. Koehring, Beaufort, N. C. Opening bivalves. 2,041,727; May 26.
- Przyborowski, Stanislaus, Buffalo, N. Y. Radiator. 2,046,791; July 7.
- Przyborowski, Stanislaus, Buffalo, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Heat exchange device. 2,035,403; Mar. 24.
- Przyborowski, Stanislaus, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Automobile radiator. 2,066,279; Dec. 29.
- Psenka, R. Jaromir, et al. (See Straka, Anton, assignor.)
- Public, Dedicated to the free use of the. (See Evans, Lawrence.)
- Public, Dedicated to the free use of the. (See Hurst, W. M., and Humphries, assignors.)
- Public, Dedicated to the free use of the. (See Shedd, C. K., and Collins.)
- Public, Free Use of. (See Lundstrom, F. O., and Whitaker, assignors.)
- Public, Free Use of the. (See Brunstetter, Byron, assignor.)
- Public, Free use of the. (See Davis, R. O. E., and Scholl.)
- Public, Free use of the. (See Hukill, William V., assignor.)
- Public, Free use of the. (See Senner, Arthur H., assignor.)
- Public, Free use of the. (See Stamm, Alfred J., assignor.)
- Public in The United States of America. (See Smith, Lloyd E.)
- Public of The United States of America, Dedicated to The. (See Carter, R. H., and Fahey, assignors.)
- Public of the United States of America, Free Use of The. (See Carter, Roscoe H., assignor.)
- Public of The United States of America, The Free Use Of, The. (See La Forge, F. B., and Haller, assignors.)
- Puchta, George J. (See Fessler, C. H. H., and Puchta.)
- Puderbaugh, David G., Altoona, Pa. Dispenser. 2,057,311; Oct. 13.
- Pudliner, John, assignor to Brey & Krause Manufacturing Company, Allentown, Pa. Bracket. 2,035,568; Mar. 31.
- Puetz, Harold H. (See Knight, Oliver D., assignor.)
- Puetzer, Bruno, Albany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Isothiourea-isopropyl-ether. 2,063,461; Dec. 8.
- Puff, Michael J., Royal Oak, Mich., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,055,308; Sept. 22.
- Puffer, Samuel R., Saugus, Mass., assignor to General Electric Company. Supercharger for internal combustion engines. 2,042,550; June 2.
- Puget Sound Paper Box Company. (See McGrath, John H., assignor.)
- Pugh, Earl C., assignor to The Band Box Corporation, St. Louis, Mo. Cleaning apparatus. 2,044,185; June 16.
- Pugh, Emerson, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing apparatus. 2,049,924; Aug. 4.
- Pugh, John D., Baltimore, Md. Metallurgical furnace. 2,039,738; May 5.
- Pugh, William J., East Milton, Mass. Governor for turbines. 2,056,866; Oct. 6.
- Pugnet, Rene, Saint-Nazaire, assignors of one-half to Societe Anonyme des Chantiers et Ateliers de Saint-Nazaire (Penhoet), Paris, France. Device for extinguishing fires on board ships. 2,055,590; Sept. 29.
- Pugsley, Edwin, assignor to Winchester Repeating Arms Company, New Haven, Conn. Testing apparatus. 2,042,188; May 26.
- Puig, Jose, assignor to Miquel y Costas & Miquel S. A., Barcelona, Spain. Machine for interlacing leaves of paper in sets. 2,050,669; Aug. 11.
- Pukli, Frank M., El Paso, Tex. Solid fuel briquette and making the same. 2,036,642; Apr. 7.
- Pulfrich, Hans, Berlin-Baumschulenberg, Germany, assignor to General Electric Company. Inclosed arc device. 2,063,121; Dec. 8.
- Pulici, Joseph M., Hawley, Pa. Battery terminal connector. 2,043,557; June 9.
- Pullar, Harold B., Chicago, Ill., and J. W. Smith, Waterloo, Ark. Apparatus for mixing aggregate and binder upon a road. 2,059,607; Nov. 3.
- Pullen, Fred W., assignor to Bissell Carpet Sweeper Company, Grand Rapids, Mich. Bumper for carpet sweepers. 2,057,345; Oct. 13.
- Pullen, Fred W., assignor to Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet sweeper brush drive and control mechanism. 2,059,907; Nov. 3.
- Pullen, Fred W., assignor to Bissell Carpet Sweeper Co., Grand Rapids, Mich. Carpet sweeper brush drive mechanism. 2,063,192; Dec. 8.
- Pullen, Rodney S., Akron, Ohio, assignor to Pullenlite Company, Philadelphia, Pa. Match-striking composition. 2,062,191; Nov. 24.
- Pullenlite Company. (See Pullen, Rodney S., assignor.)
- Pulley, George N., dedicated to the free use of the People of the United States. Apparatus for deaerating liquids. 2,060,242; Nov. 10.
- Pulleyblank, Harper E., assignor to Gemmer Manufacturing Company, Detroit, Mich. Steering mechanism. 2,065,611; Dec. 29.
- Pullis, George A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Circuit for voice frequency ringing and for voice frequency current. 2,036,079; Mar. 31.
- Pullman Mfg. Co. (See Lewis, D. M., and Gardner, assignors.)
- Pullman-Standard Car Manufacturing Company. (See Adams, E. E., and Blomberg, assignors.)
- Pullman-Standard Car Manufacturing Company. (See Beezhold, Christian J., assignor.)
- Pullman-Standard Car Manufacturing Company. (See Blomberg, Martin P., assignor.)
- Pullman-Standard Car Manufacturing Company. (See Blomberg, M. P., and Shaver, assignors.)
- Pullman-Standard Car Manufacturing Company. (See Christianson, A., and Anderson, assignors.)
- Pullman-Standard Car Manufacturing Company. (See Dart, Edward W., assignor.)
- Pullman-Standard Car Manufacturing Company. (See Lindstedt, Ivar G., assignor.)
- Pullman-Standard Car Manufacturing Company. (See Mussey, William H., assignor.)
- Pullman-Standard Car Manufacturing Company. (See Mussey, W. H., and Blomberg, assignors.)
- Pullman-Standard Car Manufacturing Company. (See Mussey, W. H., and Cunningham, assignors.)
- Pullman-Standard Car Manufacturing Company. (See Stout, William B., assignor.)
- Pullman-Standard Car Manufacturing Company. (See Stout, W. B., and Wright, assignors.)
- Pullman-Standard Car Manufacturing Company. (See Stout, W. B., Wright, and Blocher, assignors.)
- Pullman-Standard Car Manufacturing Company. (See Wright, Evan H., assignor.)



- Pullman-Standard Car Manufacturing Company. (See Wright, E. H., and Dart, assignors.)
- Pullman-Standard Car Manufacturing Company. (See Wright, E. H., and Upson, assignors.)
- Pulmosan Safety Equipment Corporation. (See Wahlert, Frederick, assignor.)
- Puls, Erich F., King's Norton, Birmingham, England. Band brake for epicyclic gearing, freewheel mechanism and the like. 2,038,443; Apr. 21.
- Puls, John H., Los Angeles, Calif., assignor to The Texas Company, New York, N. Y. Entrainment separator for fractionating towers. 2,055,048; Sept. 22.
- Pulsometer Engineering Company Limited, The. (See Warren, Reginald, assignor.)
- Pumar, Eduardo P., Caracas, Venezuela. Educational apparatus. 2,050,805; Aug. 11.
- Punga, Franklin, Darmstadt, and H. Roos, Allensbach-on-the-Bodensee, Germany. Cooling the inductors of turbo-generators. 2,043,120; June 2.
- Punke, John J. (See MacPherson, E. S., and Punke.)
- Punnett, Elton B., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Making formaldehyde. 2,065,394; Dec. 22.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Strip seal metal container. 2,037,926; Apr. 21.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Reversible plug and pouring spout for containers. 2,037,921; Apr. 21.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Dispensing container. 2,037,922; Apr. 21.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Closing metal containers. 2,037,923; Apr. 21.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Dispensing container. 2,053,631; Sept. 8.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 2,063,557; Dec. 8.
- Purdie, David J., Verona, N. J., assignor to Builders Iron Foundry, Providence, R. I. Telemetric proportioning controllers. 2,059,142; Oct. 27.
- Purdue, C. L., et al. (See Stewart, Emmitt L., assignor.)
- Purdue Research Foundation. (See Nelson, R. E., and Rogers, assignors.)
- Purdy, Fred A., Scarsdale, and H. McL. Purdy, New York, N. Y., and E. Letsch, Union City, N. J., assignors to General Register Corporation, Philadelphia, Pa. Ticket printing, issuing, and accounting machine. 2,044,367; June 16.
- Purdy, Frederick A., Scarsdale, N. Y. Closure operator. 2,062,015; Nov. 24.
- Purdy, George H. (See Robertson, J., and Purdy.)
- Purdy, Herbert McL. (See Purdy, Fred A. and H. McL., and Letsch.)
- Purdy, James H., Willow Grove, Pa. Inlaid yarn and making same. 2,043,333; June 9.
- Purdy, William C., Tallulah, La. Fumigating cap. 2,046,132; June 30.
- Purdy, William C., Tallulah, La. Container. 2,051,652; Aug. 18.
- Purdy, William C., Tallulah, La. Nail keg combination hoop and head retainer. 2,052,489; Aug. 25.
- Pure Calcium Products Company. (See Church, J. W., and McClure, assignors.)
- Pure Carbonic Company of America. (See Ragonnet, Eugene L., assignor.)
- Pure Made Products Co. (See Beauclerk, William, assignor.)
- Pure Oil Company, The. (See Carr, Richard H., assignor.)
- Pure Oil Company, The. (See Carr, R. H., and Odgen, assignors.)
- Pure Oil Company, The. (See Chittick, Martin B., assignor.)
- Pure Oil Company, The. (See Osterstrom, Rudolph C., assignor.)
- Pure Oil Company, The. (See Picard, J. B., and Bush, assignors.)
- Pure Oil Company, The. (See Ridgway, Charles M., assignor.)
- Pure Oil Company, The. (See Smith, C. L., and Annable, assignors.)
- Pure Oil Company, The. (See Terrell, Charles F., Jr., assignor.)
- Pure Oil Company, The. (See Wagner, Cary R., assignor.)
- Pure Oil Company, The. (See Watson, Cornelius B., assignor.)
- Pure Oil Company, The. (See Watson, C. B., and Smith, assignors.)
- Puretz, Julius, Brooklyn, N. Y. Pressing iron. 2,027,062; Jan. 7.
- Purinton, Ellison S., Gloucester, Mass., assignor to John Hays Hammond, Jr. Position determining apparatus. 2,038,873; Apr. 28.
- Purinton, Forrest G., and W. A. Zwiebel, assignors to The Patent Button Company, Waterbury, Conn. Compartment receptacle and humidifier for cigarettes and the like. 2,051,777; Aug. 18.
- Puritan Manufacturing Company. (See Poole, Jesse V., assignor.)
- Purkhiser, Roy C. (See Edmunds, G. E., and Purkhiser.)
- Purlee, Lamuel J., East St. Louis, Ill. Plug valve. 2,048,564; July 21.
- Purnell, Enoch, et al. (See Ingels, James J., assignor.)
- Puro-Dent Co., The. (See Winther, Holger, assignor.)
- Purpura, August C., Chicago, Ill. Egg cooker. 2,057,741; Oct. 20.
- Purvis, Thomas A., assignor of one-half to S. Putter, St. Joseph, Mo. Combined alarm clock and light. 2,045,798; June 30.
- Puryear, Oney P. (See Kaufman G., and Puryear.)
- Pusey, John R. (See Yedd, Guy A., assignor.)
- Pushee, George H., Wayland, Mass. assignor to J. C. Pushee & Sons, Inc., Boston, Mass. Display rack for brushes. 2,032,631; Mar. 3.
- Pushee, J. C., & Sons, Inc. (See Pushee, George H., assignor.)
- Putch, Charles, Jr., Texarkana, Tex. Brake. 2,050,121; Aug. 4.
- Putnam, Charles P., Lock Haven, Pa. Web processing machine. 2,048,754; July 28.
- Putnam, Charles P., Lockhaven, E. E. Berry, and L. Hornbostel, assignors to Beloit Iron Works, Beloit, Wis. Calender machine. 2,058,352; Oct. 20.
- Putnam, James R., assignor to The Waterbury Clock Company, Waterbury, Conn. Alarm clock. 2,044,543; June 16.
- Putnam, James R., assignor to Waterbury Clock Company, Waterbury, Conn. Watch. 2,060,118; Nov. 10.
- Putnam, Joseph F. (See Edwards, E. E., and Putnam.)
- Putnam, Joseph F., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Volume measuring device. 2,048,949; July 28.
- Putnam, Mark B., E. C. Britton, and R. P. Perkins, assignors to The Dow Chemical Company, Midland, Mich. Making tertiary alkyl phenols. 2,039,344; May 5.
- Putnam, Walter B., Cherryville, N. C. Seed gathering device. 2,040,498; May 12.
- Putney, Charles W., Staunton, Va. Fracture reducing frame. 2,053,632; Sept. 8.
- Putt, Earl B., New York, N. Y. Acetyl-salicylic acid composition. 2,056,208; Oct. 6.
- Putt, Earl B., Haworth, N. J., assignor to H. Theaman, New York, N. Y. Dentifrice. 2,042,359; May 26.
- Puttaswamy, Chola B., Chellakere, India. Direction indicator. 2,051,892; Aug. 25.
- Putter, Erich, Berlin-Charlottenburg, assignor to Schering-Kahlbaum A. G., Berlin, Germany. Bottle closure. 2,048,219; July 21.
- Putter, Sadie. (See Purvis, Thomas A., assignor.)
- Pye, Andrew I., Sparrows Point, Md. Automobile signal. 2,058,176; Oct. 20.
- Pye, Harold C., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Flexible tube and making the same. 2,054,024; Sept. 8.
- Pyle, Cyrus, 3d, Parlin, and R. T. Van Ness, Metuchen, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Liquid level indicator. 2,041,859; May 26.
- Pyle, Harry A., and W. E. Chambers, Dallas, Tex. Display stand. 2,035,021; Mar. 24.
- Pyle, John V. (See Kennedy, J. E., and Pyle.)
- Pyle, T. Myron, Trustee. (See Bigler, Eugene, assignor.)
- Pym, Arthur F., executor. (See Pym, Charles F.)
- Pym, Arthur F., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping shoe uppers. 2,028,167; Jan. 21.
- Pym, Arthur F., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping shoe uppers. 2,039,448; May 5.
- Pym, Arthur F., Beach Bluff, assignor to Sibley-Pym Corporation, Lynn, Mass. Winding machine. 2,033,356; Mar. 10.
- Pym, Arthur F., Beach Bluff, assignor to Sibley-Pym Corporation, Lynn, Mass. Winding machine. 2,060,380; Nov. 10.
- Pym, Arthur F., Swampscott, and W. E. Scarlett, Lynn, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 2,028,351; Jan. 21.
- Pym, Charles F., deceased, Beverly, Mass., by A. F. Pym, Swampscott, Mass., executor, assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 2,028,245; Jan. 21.
- Pym, Charles F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 2,041,955; May 26.
- Pym, Charles F., deceased, A. F. Pym, Beverly, Mass., executor, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 2,050,377; Aug. 11.
- Pym, Charles F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe bottom ironing machine. 2,051,895; Aug. 25.
- Pym, Charles F., deceased, late of Beverly, by A. F. Pym, executor, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 2,063,193; Dec. 8.
- Pyman, Frank L., and H. H. L. Levene, assignors to Boots Pure Drug Company Limited, Nottingham, England. O-alkyl ethers of alkaloids and making them. 2,048,622; July 21.
- Pyman, Frank L., and A. P. T. Easson, assignors to Boots Pure Drug Company Limited, Nottingham, England. Organic salts of bismuth and producing same. 2,054,731; Sept. 15.



- Pyman, Frank L., and H. H. L. Levene, assignors to Boots Pure Drug Company Limited, Nottingham, England. Tetra-alkylated diamines. 2,056,867; Oct. 6.
- Pymm, James, Brooklyn, N. Y. Vehicle jack. 2,037,534; Apr. 14.
- Pyne, Roger S. (See Stowell, B. F., and Pyne.)
- Pyrate Corporation of Nevada, The. (See Ostling, William, assignor.)
- Pyrate Corporation of Nevada, The. (See Richard, Clare, assignor.)
- Pyrene Manufacturing Company. (See Dodelin, Fred A., assignor.)
- Pyrene Manufacturing Company. (See King, Edwin C. F., assignor.)
- Pyrene Manufacturing Company. (See Waring, Edward J., assignor.)
- Pyrene-Minimax Corporation. (See Timpson, Lewis G. M., assignor.)
- Pyrene-Minimax Corporation. (See Waldschmidt, Erich, assignor.)
- Pyridium Corporation, The. (See Renshaw, R. R., Tisza, and Duesel, assignors.)
- Pyro Products Corporation. (See Hinsky, Anthony P., assignor.)
- Pyro Products Corporation. (See Weeks, E. A., and Bradt, assignors.)
- Pyroxylin Products, Inc., et al. (See Kratz, E. M., and Wilson, assignors.)
- Pyroxylin Products, Inc. (See Trolander, E. W., and Wilson, assignors.)
- Pyzel, Daniel, Piedmont, assignor to Shell Development Company, San Francisco, Calif. Gas cooler. 2,035,506; Mar. 31.
- Pyzel, Frederic M., Piedmont, assignor to Shell Development Company, San Francisco, Calif. Manufacture of ammonium sulphate. 2,035,920; Mar. 31.
- Quad Pneumatic Lift Company. (See Perkins, Lester C., assignor.)
- Quadrex Corporation. (See Leathers, Ward, assignor.)
- Quagliotti, William R., Victoria, British Columbia, Canada. Folding box. 2,041,021; May 19.
- Quaker City Iron Works. (See Jensen, James A., assignor.)
- Quaker Oats Company, The. (See Brownlee, Harold J., assignor.)
- Quaker Oats Company, The. (See Campbell, Frank D., assignor.)
- Quaker Oats Company, The. (See Isenhour, Lloyd L., assignor.)
- Quaker State Oil Refining Company. (See Talbot, Frank A., assignor.)
- Quality Weaving Company. (See Scott, Jack V., assignor.)
- Quantz, Calvin D., Detroit, Mich. Two-cycle engine. 2,061,439; Nov. 17.
- Quarles, Thomas W., Larned, Kans. Combination gear puller and press. 2,052,534; Aug. 25.
- Quarnstrom, Bert L., assignor to Bundy Tubing Company, Detroit, Mich. Method and apparatus for making tubing. 2,038,600; Apr. 28.
- Quarnstrom, Bert L., assignor to Bundy Tubing Company, Detroit, Mich. Method of and apparatus for making and treating tube assemblies. 2,040,877; May 19.
- Quart, Thure A., Hartford, Conn. Oil burner. 2,064,081; Dec. 15.
- Quartullo, Orpheus F., Pittsburgh, Pa. Motor vehicle. 2,041,484; May 19.
- Quartz, William N., Pittsburgh, and W. J. Bannen, Oakmont, assignors to Power Piping Company, Pittsburgh, Pa. Thick walled metal pipe. 2,057,916; Oct. 20.
- Quasi-Arc Company Limited, The. (See Strohmenger, Arthur P., assignor.)
- Quattlebaum, William M., Jr., Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Preparation of monomethylol ketones. 2,064,564; Dec. 15.
- Quattrin, Sante, and J. R. Baldi, San Francisco, Calif. Apparatus for making confections. 2,032,812; Mar. 3.
- Queen, Bert E., assignor of twenty per cent to J. Borra, and twenty per cent to E. V. Read, Santa Barbara, Calif. Gate valve packing tool. 2,055,262; Sept. 22.
- Quemore, William J., Camden, N. J. Musical instrument. 2,043,121; June 2.
- Queneau, Augustin L. J., Bernardsville, N. J. Method and apparatus for recovering vaporized metal compounds. 2,064,495; Dec. 15.
- Quereau, John F., La Fayette Hill, and A. J. Williams, Jr., assignors to Leeds & Northrup Company, Philadelphia, Pa. Electric telemetering system. 2,050,629; Aug. 11.
- Querfurth, Wilhelm. (See Fuchs, O., and Querfurth.)
- Querfurth, Wilhelm. (See Fuchs, O., Naujoks, and Querfurth.)
- Quichon, Paul, Montlucon, assignor to Societe Anonyme Compagnie des Forges de Chatillon, Commentry & Neuves-Maisons, Paris, France. Device for rough turning in the lathe or similar machine tool. 2,036,436; Apr. 7.
- Quick, Cecil G. (See Mills, T. J., Quick, and Ball.)
- Quick, Cecil G., D. A. Ball, and W. A. Whitehead, London, England, assignors, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Rotary stapling mechanism. 2,043,558; June 9.
- Quick, Cecil G., Eltham, London, and T. R. Bennett, Willesden, London, England, assignors, by mesne assignments to R. Hoe & Co., Inc., New York, N. Y. Late news mechanism for printing machines. 2,051,573; Aug. 18.
- Quick, Claude E., Glendale, Calif., assignor to Western Bakeries Corporation, Ltd., Los Angeles, Calif. Dough treating machine. 2,035,188; Mar. 24.
- Quick, George. (See Pinaud, J., and Quick, assignors.)
- Quick, Ray S., Burlingame, Calif., assignor to The Pelton Water Wheel Company. Pumping system. 2,038,601; Apr. 28.
- Quick, Roland C. (See Davis, N. E., and Quick.)
- Quicktho (1928) Limited. (See Thomas, Sydney E., assignor.)
- Quigley Company. (See Knote, John M., assignor.)
- Quigley, Raymond J., Ann Arbor, Mich. Axle gauge. 2,059,654; Nov. 3.
- Quigley, Raymond J., Ann Arbor, Mich. Starter drive. 2,062,726; Dec. 1.
- Quilliam, Samuel T., Manchester, England, assignor to Cheatham Electric Switching Device Co., Incorporated, Louisville, Ky. Sealing means for electric switch ground boxes. 2,039,493; May 5.
- Quimby, Edwin M., Columbia, S. C. Can opener. 2,044,327; June 16.
- Quinby, Edwin J., Yonkers, N. Y., and A. R. Hopkins, Merchantville, N. J., assignors to Radio Corporation of America. Distribution system indicator. 2,058,108; Oct. 20.
- Quinby, William F. (See Whitney, C. S., and Quinby.)
- Quincy Compressor Co. (See Pfeifer, George F., assignor.)
- Quincy Stove Manufacturing Company, The. (See Lange, Henry, assignor.)
- Quinlan Pretzel Co. Inc. (See Gipe, Harrison S., assignor.)
- Quinlivan, Quentin L., Arlington, N. J., assignor to Celastic Corporation, Wilmington, Del. Treatment of fibrous sheets. 2,045,676; June 30.
- Quinn, Clara E., Mount Vernon, Ill. Refrigerating apparatus. 2,048,291; July 21.
- Quinn, Clara E., assignor to Drice Appliances Incorporated, Mount Vernon, Ill. Refrigerating apparatus. 2,045,250; June 23.
- Quinn, Frank J., Upper Darby, Pa. Automatic weighing machine. 2,042,627; June 2.
- Quinn, John E., New York, N. Y. Stocking. 2,033,647; Mar. 10.
- Quinn, John E., New York, N. Y. Stocking. 2,057,056; Oct. 13.
- Quinn, John J., Scarsdale, N. Y. Bottle. 2,035,404; Mar. 24.
- Quinn, Robert D., and C. E. Morgenstern, assignors to Nineteen Hundred Corporation, Binghamton, N. Y. Control mechanism for ironers. 2,054,946; Sept. 22.
- Quinn, Robert G. (See Campbell, J., and Quinn.)
- Quinn, Robert G., Glens Falls, assignor to International Paper Company, New York, N. Y. Fireproofing. 2,030,653; Feb. 11.
- Quinn, Robert G., Glens Falls, N. Y., assignor to International Paper Company, New York, N. Y. Building material. 2,035,921; Mar. 31.
- Quinn, William B., Philadelphia, Pa. Hide finishing apparatus. 2,058,502; Oct. 27.
- Quinn Wire & Iron Works. (See Edgerton, Harley, assignor.)
- Quirk Crate Corporation. (See Quirk, William J. and J. F., assignors.)
- Quirk, James F. (See Quirk, William J. and J. F.)
- Quirk, William J. and J. F., assignors to Quirk Crate Corporation, Milwaukee, Wis. Bottle crate. 2,034,205; Mar. 17.
- Quiroz, Francisco A., Brooklyn, N. Y. Variable speed unit. 2,054,564; Sept. 15.
- Quisling, Sverre, Madison, Wis., assignor to Hookless Fastener Company, Meadville, Pa. Making slide fasteners. 2,030,895; Feb. 18.
- Quisling, Sverre, Madison, Wis., assignor to Hookless Fastener Company, Meadville, Pa. Sliding fastener. 2,051,574; Aug. 18.
- Quisling, Sverre, Madison, Wis., assignor to Hookless Fastener Company, Meadville, Pa. Separable fastener. 2,066,062; Dec. 29.
- Quist, Frank J., Holden, Mass. Razor blade knife. 2,043,594; June 9.
- Quittner, Heinrich, Vienna, Austria. Closure device. 2,030,609; Feb. 11.
- R-B-M Manufacturing Company. (See Catron, H., Dashner, and Morris, assignors.)
- R-B-M Manufacturing Company. (See Morris, Marlon W., assignor.)
- R. C. Can Company. (See Rutkowski, Walter L., assignor.)
- R. S. M. Company, The. (See Manning, Sanford E., assignor.)
- R. U. V. Engineering Corporation, The. (See Berndt, E. C., and Creighton, assignors.)
- R. U. V. Engineering Corporation, The. (See Creighton, H. M., and Berndt, assignors.)
- Raab, Louis, and H. Karcher, Milwaukee, Wis. Umbrella. 2,063,624; Dec. 8.
- Raaber, Hans, Purkersdorf, near Vienna, Austria, assignor to Actiengesellschaft C. P. Goerz Optische Anstalt actiova Společnost K. P. Goerz optický ústav, Bratislava, Czechoslovakia. Bomb releasing guide. 2,052,845; Sept. 1.



- Rabald, Erich. (See Müller, R., Hatzig, and Rabald.)  
 Rabald, Willy, Leipzig, Germany. Talking machine for recording and reproduction. 2,053,108; Sept. 1.  
 Rabe, Hans, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Fluorescent substance. 2,028,472; Jan. 21.  
 Rabe, Karl, Stuttgart, Germany. Hydrodynamic gear. 2,042,189; May 26.  
 Rabe, Karl, Stuttgart, Germany. Steering arrangement for power-driven vehicles. 2,044,809; June 23.  
 Rabe, Karl, Stuttgart, Germany. Springing arrangement for vehicles. 2,059,908; Nov. 3.  
 Rabeck, Karl, Vienna, Austria. Copying attachment for typewriters. 2,050,763; Aug. 11.  
 Räber, Heinrich, Zurich, Switzerland. Swimming bath. 2,035,835; Mar. 31.  
 Rader, Joseph, Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Time controlled reselector switching mechanism. 2,045,251; June 23.  
 Rabezana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Spark plug. 2,048,029; July 21.  
 Rabezana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Ignition system. 2,048,890; July 23.  
 Rabezana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Spark plug. 2,048,891; July 28.  
 Rabezana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Explosionproof shielded spark plug. 2,056,739; Oct. 6.  
 Rabezana, Hector, and A. J. Battey, Flint, assignors to General Motors Corporation, Detroit, Mich. Spark plug. 2,048,028; July 21.  
 Rabinowitz, Julius, New York, N. Y. Composite strip. 2,029,442; Feb. 4.  
 Rabkin, Morris A., Camden, N. J., assignor to Radio Corporation of America. Receiver control. 2,040,531; May 12.  
 Rabourdin, Jean, Paris, France. Car braking apparatus for railroads. 2,045,201; June 23.  
 Rabuazzo, Salvatore, New York, N. Y. Shutter for accordions. 2,043,060; June 2.  
 Rachlin, Max, Brooklyn, assignor to H. Wiener, Maspeth, Long Island, N. Y. Wire guard. 2,061,808; Nov. 24.  
 Racine Tool and Machine Company. (See Erskine, Malcolm E., assignor.)  
 Racine Tool and Machine Company. (See Erskine, M. E., and Reinhardt, assignors.)  
 Rackett, Gerald F., Los Angeles, Calif., assignor to Technicolor Motion Picture Corporation, Boston, Mass. Film lubricating device. 2,044,810; June 23.  
 Rackey, Chester A., Long Island City, N. Y., assignor to Radio Corporation of America. Broadcast channel group selector system. 2,036,235; Apr. 7.  
 Rackey, Chester A., Westport, Conn., assignor to Radio Corporation of America. Channel relay connecting and interlocking system. 2,036,236; Apr. 7.  
 Racklyeft, John W., Cleveland, Ohio. Cabinet or casing structure. 2,043,334; June 9.  
 Racklyeft, John W., Cleveland, Ohio. Timing device. 2,048,199; July 21.  
 Racklyeft, John W., Cleveland, Ohio. Clutch and control mechanism therefor. 2,053,580; Sept. 8.  
 Racklyeft, John W., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Ironing machine clutch. 2,038,084; Apr. 21.  
 Racz, Ernest, assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine and cash drawer. 2,027,449; Jan. 14.  
 Racz, Ernest, assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,035,095; Mar. 24.  
 Racz, Ernest, assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,052,306; Aug. 25.  
 Racz, Ernest, assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,057,161; Oct. 13.  
 Radasch, Arthur H., Bloomfield, N. J., assignor to The Barrett Company, New York, N. Y. Tar treatment. 2,040,104; May 12.  
 Radasch, Arthur H., Bloomfield, N. J., assignor to The Barrett Company, New York, N. Y. Distillation of tar. 2,045,407; June 23.  
 Radasch, Arthur H., Bloomfield, N. J., assignor to The Barrett Company, New York, N. Y. Purification of anthracene. 2,052,722; Sept. 1.  
 Radcliff, John P. (See Demarest, C. S., and Radcliff.)  
 Radcliff, John P., Bloomfield, and P. G. Edwards, Verona, N. J., assignors to American Telephone and Telegraph Company. Gas-filled discharge tube system. 2,039,449; May 5.  
 Radcliffe, Barney S., Oak Park, Ill. Ceramic catalyst and making same. 2,061,848; Nov. 24.  
 Radcliffe, Everett E., Scarsdale, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Lime product and making the same. 2,055,773; Sept. 29.  
 Radcliffe, John, Shurlock Row, near Twyford, England. Manufacture of bituminous road material. 2,037,147; Apr. 14.  
 Rader, Harold K. (See Mueller, O. B., Rader, and Gray.)  
 Rader, Harold K., assignor to Mueller Brass Co., Port Huron, Mich. Joint. 2,038,869; Apr. 28.  
 Rader, Harold K., and F. J. Wilson, assignors to Mueller Brass Co., Port Huron, Mich. Joint. 2,038,870; Apr. 28.  
 Rader, Ralph G., Dederick, Mo. Tire valve stem cap. 2,057,590; Oct. 13.  
 Radford, William H., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Thermostat mounting. 2,032,069; Feb. 25.  
 Radiator Specialty Company, et al. (See Harvey, Lee, assignor.)  
 Radiator Specialty Company. (See Walker, Jack E., assignor.)  
 Radioaktiengesellschaft D. S., Loewe. (See Loewe, S., and von Ardenne, assignors.)  
 Radioaktiengesellschaft D. S. Loewe. (See Schlesinger, Kurt, assignor.)  
 Radioaktiengesellschaft, D. S. Loewe. (See von Ardenne, Manfred, assignor.)  
 Radio Condenser Company. (See Cramer, Stanley S., assignor.)  
 Radio Condenser Company. (See Goldberg, Raymond, assignor.)  
 Radio Corporation of America. (See Adler, Benjamin, assignor.)  
 Radio Corporation of America. (See Alexander, Johan W., assignor.)  
 Radio Corporation of America. (See Alexander, J. W., and Rinia, assignors.)  
 Radio Corporation of America. (See Allen, Victor O., assignor.)  
 Radio Corporation of America. (See Anderson, Leslie J., assignor.)  
 Radio Corporation of America. (See Appleton, William A., assignor.)  
 Radio Corporation of America. (See Bailey, Christopher E. G., assignor.)  
 Radio Corporation of America. (See Ballantine, Stuart, assignor.)  
 Radio Corporation of America. (See Barden, William S., assignor.)  
 Radio Corporation of America. (See Barton, Frederick C., assignor.)  
 Radio Corporation of America. (See Barton, Loy E., assignor.)  
 Radio Corporation of America. (See Baruch, Sydney N., assignor.)  
 Radio Corporation of America. (See Batchelor, John C., assignor.)  
 Radio Corporation of America. (See Batsel, C. N., and Kellogg, assignors.)  
 Radio Corporation of America. (See Batsel, C. N., and Larson, assignors.)  
 Radio Corporation of America. (See Bedford, Alda V., assignor.)  
 Radio Corporation of America. (See Beers, George L., assignor.)  
 Radio Corporation of America. (See Beverage, Harold H., assignor.)  
 Radio Corporation of America. (See Black, Knox C., assignor.)  
 Radio Corporation of America. (See Bloomenthal, Sidney, assignor.)  
 Radio Corporation of America. (See Boerner, Thomas J., assignor.)  
 Radio Corporation of America. (See Bokovoy, Samuel A., assignor.)  
 Radio Corporation of America. (See Bonanno, Joseph L., assignor.)  
 Radio Corporation of America. (See Braaten, Arthur M., assignor.)  
 Radio Corporation of America. (See Braden, Rene A., assignor.)  
 Radio Corporation of America. (See Brady, Raymond F., assignor.)  
 Radio Corporation of America. (See Brett, George F., assignor.)  
 Radio Corporation of America. (See Briggs, Joseph A., assignor.)  
 Radio Corporation of America. (See Brown, Charles H., assignor.)  
 Radio Corporation of America. (See Burlingame, Leslie G., assignor.)  
 Radio Corporation of America. (See Burnside, Don G., assignor.)  
 Radio Corporation of America. (See Burt, A. D., Rohner, and Shoup, assignors.)  
 Radio Corporation of America. (See Cady, Walter G., assignor.)  
 Radio Corporation of America. (See Callahan, John L., assignor.)  
 Radio Corporation of America. (See Carlisle, Richard W., assignor.)  
 Radio Corporation of America. (See Carlson, Wendell L., assignor.)  
 Radio Corporation of America. (See Carson, Benjamin R., assignor.)  
 Radio Corporation of America. (See Carter, Philip S., assignor.)  
 Radio Corporation of America. (See Chadkin, Jason A., assignor.)  
 Radio Corporation of America. (See Chittick, Kenneth A., assignor.)



- Radio Corporation of America. (See Chouinard, Oscar, assignor.)
- Radio Corporation of America. (See Clay, Murray G., assignor.)
- Radio Corporation of America. (See Collins, Milford E., assignor.)
- Radio Corporation of America. (See Conklin, James W., assignor.)
- Radio Corporation of America. (See Conron, William H., assignor.)
- Radio Corporation of America. (See Cooley, Austin G., assignor.)
- Radio Corporation of America. (See Craig, P. M., and Ward, assignors.)
- Radio Corporation of America. (See Creager, Frederick L., assignor.)
- Radio Corporation of America. (See Creager, F. L., and McMurtrey, assignors.)
- Radio Corporation of America. (See Crosby, Murray G., assignor.)
- Radio Corporation of America. (See Crossley, A., and Hansen, assignors.)
- Radio Corporation of America. (See Cunningham, David H., assignor.)
- Radio Corporation of America. (See Davis, N. E., and Quick, assignors.)
- Radio Corporation of America. (See De Boer, J. H., and Teves, assignors.)
- Radio Corporation of America. (See deBoer, J. H., Bruynes, and Teves, assignors.)
- Radio Corporation of America. (See De Lange, Cornelis, assignor.)
- Radio Corporation of America. (See De Tar, Donald R., assignor.)
- Radio Corporation of America. (See Dewhurst, W. W., and Eskuchen, assignors.)
- Radio Corporation of America. (See Dickey, Edward T., assignor.)
- Radio Corporation of America. (See Dijksterhuis, Popko R., assignor.)
- Radio Corporation of America. (See Dimmick, Glenn L., assignor.)
- Radio Corporation of America. (See Ditcham, William T., assignor.)
- Radio Corporation of America. (See Douden, William L., assignor.)
- Radio Corporation of America. (See Dowding, George V., assignor.)
- Radio Corporation of America. (See Drake, Frederick H., assignor.)
- Radio Corporation of America. (See Dreyer, J. F., Jr., and Orth, assignors.)
- Radio Corporation of America. (See Dreyer, Karl, assignor.)
- Radio Corporation of America. (See Dyksterhuis, Popko R., assignor.)
- Radio Corporation of America. (See Ekstedt, John W., assignor.)
- Radio Corporation of America. (See Engel, Francis H., assignor.)
- Radio Corporation of America. (See Essig, Sanford F., assignor.)
- Radio Corporation of America. (See Evans, John, assignor.)
- Radio Corporation of America. (See Ewen, Harry A., assignor.)
- Radio Corporation of America. (See Farnham, Paul O., assignor.)
- Radio Corporation of America. (See Farrow, Frederick R., Jr., assignor.)
- Radio Corporation of America. (See Ferris, Malcolm, assignor.)
- Radio Corporation of America. (See Ferris, Warren R., assignor.)
- Radio Corporation of America. (See Finch, James L., assignor.)
- Radio Corporation of America. (See Flaherty, Mark, assignor.)
- Radio Corporation of America. (See Flory, Leslie E., assignor.)
- Radio Corporation of America. (See Forbes, Harry C., assignor.)
- Radio Corporation of America. (See Fowler, Lester T., assignor.)
- Radio Corporation of America. (See Franke, August J., assignor.)
- Radio Corporation of America. (See Franklin, Charles S., assignor.)
- Radio Corporation of America. (See Franklin, C. S., and Green, assignors.)
- Radio Corporation of America. (See Franklin, C. S., and Witt, assignors.)
- Radio Corporation of America. (See Franklin, Ralph E., assignor.)
- Radio Corporation of America. (See Frantz, S. G., and Stewart, assignors.)
- Radio Corporation of America. (See Furnival, J. M., and Bubb, assignors.)
- Radio Corporation of America. (See Gallup, John L., assignor.)
- Radio Corporation of America. (See Garrett, Charles R., assignor.)
- Radio Corporation of America. (See Geffcken, H., and Richter, assignors.)
- Radio Corporation of America. (See Geffcken, H. H., and Richter, assignors.)
- Radio Corporation of America. (See George, Ralph W., assignor.)
- Radio Corporation of America. (See Glans, Joseph, assignor.)
- Radio Corporation of America. (See Goddard, De Witt R., assignor.)
- Radio Corporation of America. (See Goldsmith, Alfred N., assignor.)
- Radio Corporation of America. (See Green, Ernest, assignor.)
- Radio Corporation of America. (See Grimes, David, assignor.)
- Radio Corporation of America. (See Grimes, D., and Barden, assignors.)
- Radio Corporation of America. (See Gruetzmacher, Johannes, assignor.)
- Radio Corporation of America. (See Guedon, E. C., Burt, and Shoup, assignors.)
- Radio Corporation of America. (See Haeff, Andrew V., assignor.)
- Radio Corporation of America. (See Hafecost, F., and Townley, assignors.)
- Radio Corporation of America. (See Haines, Donald G., assignor.)
- Radio Corporation of America. (See Hammond, John H., Jr., assignor.)
- Radio Corporation of America. (See Hansell, Clarence W., assignor.)
- Radio Corporation of America. (See Hanson, O. B., and Morris, assignors.)
- Radio Corporation of America. (See Harmon, Walter S., assignor.)
- Radio Corporation of America. (See Harris, William A., assignor.)
- Radio Corporation of America. (See Hayward, Sheldon C., assignor.)
- Radio Corporation of America. (See Hendrik, J. H., van Geel, and Teves, assignors.)
- Radio Corporation of America. (See Henry, T. J., and Hirmann, assignors.)
- Radio Corporation of America. (See Herold, Edward W., assignor.)
- Radio Corporation of America. (See Herzog, Carl, assignor.)
- Radio Corporation of America. (See Hickok, Willard, assignor.)
- Radio Corporation of America. (See Hills, Sidney C., assignor.)
- Radio Corporation of America. (See Hirmann, Julius, assignor.)
- Radio Corporation of America. (See Holden, Harold C., assignor.)
- Radio Corporation of America. (See Hollerith, Herman, Jr., assignor.)
- Radio Corporation of America. (See Holmes, Ralph S., assignor.)
- Radio Corporation of America. (See Holst, Poul F. G., assignor.)
- Radio Corporation of America. (See Hopkins, Alva R., assignor.)
- Radio Corporation of America. (See Hopping, Alvin S., assignor.)
- Radio Corporation of America. (See Horowitz, A., and Visman, assignors.)
- Radio Corporation of America. (See Houck, Harry W., assignor.)
- Radio Corporation of America. (See Jonker, Johan L. H., assignor.)
- Radio Corporation of America. (See Karolus, August, assignor.)
- Radio Corporation of America. (See Keall, Oswald E., assignor.)
- Radio Corporation of America. (See Keefer, Noel L., assignor.)
- Radio Corporation of America. (See Kell, Ray D., assignor.)
- Radio Corporation of America. (See Kellogg, Edward W., assignor.)
- Radio Corporation of America. (See Kellogg, E. W., and Read, assignors.)
- Radio Corporation of America. (See Kendall, James M., assignor.)
- Radio Corporation of America. (See Kirkwood, Loren R., assignor.)
- Radio Corporation of America. (See Knight, John B., Jr., assignor.)
- Radio Corporation of America. (See Koch, Winfield R., assignor.)
- Radio Corporation of America. (See Larson, Iner J., assignor.)
- Radio Corporation of America. (See La Rue, William D., assignor.)
- Radio Corporation of America. (See Leeuwijn, Max, assignor.)
- Radio Corporation of America. (See Leverenz, Humboldt W., assignor.)
- Radio Corporation of America. (See Lindenblad, Nils E., assignor.)
- Radio Corporation of America. (See Linder, Ernest G., assignor.)
- Radio Corporation of America. (See Linsell, Alfred A., assignor.)



- Radio Corporation of America. (See Loftis, Homer J., assignor.)
- Radio Corporation of America. (See Logue, Wylie G., assignor.)
- Radio Corporation of America. (See Loughlin, William D., assignor.)
- Radio Corporation of America. (See Lowell, Percival D., assignor.)
- Radio Corporation of America. (See Lunnon, F. C., and Trump, assignors.)
- Radio Corporation of America. (See Martin, Herschel B., assignor.)
- Radio Corporation of America. (See Mathes, Richard E., assignor.)
- Radio Corporation of America. (See Mathieu, Gaston A., assignor.)
- Radio Corporation of America. (See McCreary, Harold J., assignor.)
- Radio Corporation of America. (See McLachlan, Norman W., assignor.)
- Radio Corporation of America. (See McLennan, Miles A., assignor.)
- Radio Corporation of America. (See McMurtrey, M. L., and Cunningham, assignors.)
- Radio Corporation of America. (See Miessner, Benjamin F., assignor.)
- Radio Corporation of America. (See Miller, Henry J., assignor.)
- Radio Corporation of America. (See Moore, John B., assignor.)
- Radio Corporation of America. (See Morgan, Raymond B., assignor.)
- Radio Corporation of America. (See Morris, Robert M., assignor.)
- Radio Corporation of America. (See Moullin, Eric B., assignor.)
- Radio Corporation of America. (See Mountjoy, Garrard, assignor.)
- Radio Corporation of America. (See Nelson, Herbert, assignor.)
- Radio Corporation of America. (See Nichols, H. J., Forbes, Harmon, and Loftis, assignors.)
- Radio Corporation of America. (See Nyman, Alexander, assignor.)
- Radio Corporation of America. (See O'Brien, William J., assignor.)
- Radio Corporation of America. (See O'Brien, Willis H., assignor.)
- Radio Corporation of America. (See Ogloblinsky, Gregory N., assignor.)
- Radio Corporation of America. (See Olson, H. F., and Massa, assignors.)
- Radio Corporation of America. (See Orth, Richard T., assignor.)
- Radio Corporation of America. (See Pagliari, Francesco, assignor.)
- Radio Corporation of America. (See Parker, Howard H., assignor.)
- Radio Corporation of America. (See Parkin, T. D., and Webb, assignors.)
- Radio Corporation of America. (See Patterson, Edward B., assignor.)
- Radio Corporation of America. (See Penning, Frans M., assignor.)
- Radio Corporation of America. (See Perkins, Laurence M., assignor.)
- Radio Corporation of America. (See Peterson, Harold O., assignor.)
- Radio Corporation of America. (See Peterson, H. O., and George, assignors.)
- Radio Corporation of America. (See Pfister, Arthur, assignor.)
- Radio Corporation of America. (See Pipper, Arnold L., assignor.)
- Radio Corporation of America. (See Posthumus, Klaas, assignor.)
- Radio Corporation of America. (See Posthumus, K., and van der Pol, assignors.)
- Radio Corporation of America. (See Price, Thomas H., assignor.)
- Radio Corporation of America. (See Quinby, E. J., and Hopkins, assignors.)
- Radio Corporation of America. (See Raber, Joseph, assignor.)
- Radio Corporation of America. (See Rabkin, Morris A., assignor.)
- Radio Corporation of America. (See Rackey, Chester A., assignor.)
- Radio Corporation of America. (See Ranger, Richard H., assignor.)
- Radio Corporation of America. (See Reinartz, John L., assignor.)
- Radio Corporation of America. (See Replogle, Delbert E., assignor.)
- Radio Corporation of America. (See Richards, Ralph G., assignor.)
- Radio Corporation of America. (See Ringel, Abraham, assignor.)
- Radio Corporation of America. (See Roberts, Walter van B., assignor.)
- Radio Corporation of America. (See Robinson, Harris A., assignor.)
- Radio Corporation of America. (See Rose, George M., Jr., assignor.)
- Radio Corporation of America. (See Rosenblum, George M., assignor.)
- Radio Corporation of America. (See Round, Henry J., assignor.)
- Radio Corporation of America. (See Round, H. J., and Turner, assignors.)
- Radio Corporation of America. (See Rust, Noël M., assignor.)
- Radio Corporation of America. (See Rust, N. M., and Keall, assignors.)
- Radio Corporation of America. (See Rust, N. M., and O'Neill, assignors.)
- Radio Corporation of America. (See Sachtleben, Lawrence T., assignor.)
- Radio Corporation of America. (See Sagle, Roy E., assignor.)
- Radio Corporation of America. (See Salzberg, Bernard, assignor.)
- Radio Corporation of America. (See Schade, Otto H., assignor.)
- Radio Corporation of America. (See Scheldorf, Marvel W., assignor.)
- Radio Corporation of America. (See Schiff, Frank, assignor.)
- Radio Corporation of America. (See Schulz, Walter A., assignor.)
- Radio Corporation of America. (See Scofield, Theodore J., assignor.)
- Radio Corporation of America. (See Seeley, S. W., and Planck, assignors.)
- Radio Corporation of America. (See Shepard, Francis H., Jr., assignor.)
- Radio Corporation of America. (See Shore, Henry, assignor.)
- Radio Corporation of America. (See Shrader, Terry M., assignor.)
- Radio Corporation of America. (See Shumard, Charles C., assignor.)
- Radio Corporation of America. (See Six, Willem, assignor.)
- Radio Corporation of America. (See Smith, John P., assignor.)
- Radio Corporation of America. (See Smith, Newell R., assignor.)
- Radio Corporation of America. (See Smith, S. B., and Eckersley, assignors.)
- Radio Corporation of America. (See Smith, Theodore A., assignor.)
- Radio Corporation of America. (See Snow, Harold A., assignor.)
- Radio Corporation of America. (See Sontagh, J. R., and Holden, assignors.)
- Radio Corporation of America. (See Starrett, John S., assignor.)
- Radio Corporation of America. (See Stevens, C. E., and Taber, assignors.)
- Radio Corporation of America. (See Stocker, Arthur C., assignor.)
- Radio Corporation of America. (See Stone, Fred B., assignor.)
- Radio Corporation of America. (See Stoutenburgh, Paul P., assignor.)
- Radio Corporation of America. (See Straub, Anthony A., assignor.)
- Radio Corporation of America. (See Straub, W. F., and Lemmens, assignors.)
- Radio Corporation of America. (See Strutt, Maximilian, J. O., assignor.)
- Radio Corporation of America. (See Suomala, John B., assignor.)
- Radio Corporation of America. (See Taber, William T., assignor.)
- Radio Corporation of America. (See Tellegen, Bernardus D. H., assignor.)
- Radio Corporation of America. (See Terry, Clifford B., assignor.)
- Radio Corporation of America. (See Teves, Marten C., assignor.)
- Radio Corporation of America. (See Thomas, Adolph A., assignor.)
- Radio Corporation of America. (See Thompson, H. A., and Chiffey, assignors.)
- Radio Corporation of America. (See Thompson, Harry C., assignor.)
- Radio Corporation of America. (See Thompson, Leland E., assignor.)
- Radio Corporation of America. (See Tolson, William A., assignor.)
- Radio Corporation of America. (See Travis, Charles, assignor.)
- Radio Corporation of America. (See Trevor, Bertram, assignor.)
- Radio Corporation of America. (See Tunick, Harry, assignor.)
- Radio Corporation of America. (See Turner, Alfred H., assignor.)
- Radio Corporation of America. (See Tweed, Cyril J. F., assignor.)
- Radio Corporation of America. (See Usselman, George L., assignor.)
- Radio Corporation of America. (See Van Arkel, A. E., and van Embden, assignors.)
- Radio Corporation of America. (See van der Mark, Jan, assignor.)
- Radio Corporation of America. (See Van Geel, W. C., and de Boer, assignors.)



- Radio Corporation of America. (See van Geel, W. C., and Emmens, assignors.)
- Radio Corporation of America. (See van Gessel, K. M., and van Wijk, assignors.)
- Radio Corporation of America. (See Van Gessel, K. M., Holst, and Jonker, assignors.)
- Radio Corporation of America. (See van Minnen, R. H., and Nordlohne, assignors.)
- Radio Corporation of America. (See van Slooten, Jacob, assignor.)
- Radio Corporation of America. (See Veldhuyzen, Romyn, assignor.)
- Radio Corporation of America. (See Wagenhals, Edward R., assignor.)
- Radio Corporation of America. (See Wagner, Herbert M., assignor.)
- Radio Corporation of America. (See Walker, Louis E. Q., assignor.)
- Radio Corporation of America. (See Waller, Leland C., assignor.)
- Radio Corporation of America. (See Wassell, Harold J. H., assignor.)
- Radio Corporation of America. (See Wells, N., and Green, assignors.)
- Radio Corporation of America. (See Weyers, Theodorus J., assignor.)
- Radio Corporation of America. (See Whitaker, James N., assignor.)
- Radio Corporation of America. (See White, Sidney Y., assignor.)
- Radio Corporation of America. See Witt, B. J., and Franklin, assignors.)
- Radio Corporation of America. (See Wilson, W. P., and Murphy, assignors.)
- Radio Corporation of America. (See Wolff, Irving, assignor.)
- Radio Corporation of America. (See Wolff, I., and Linder, assignors.)
- Radio Corporation of America. (See Woods, Fred, assignor.)
- Radio Corporation of America. (See Wright, George M., assignor.)
- Radio Corporation of America. (See Wright, G. M., and Brett, assignors.)
- Radio Corporation of America. (See Wunderlich, Norman E., assignor.)
- Radio Corporation of America. (See Yolles, Jacob, assignor.)
- Radio Corporation of America. (See Young, Lloyd L., assignor.)
- Radio Corporation of America. (See Zadig, Ernest A., assignor.)
- Radio Corporation of America. (See Zeruneith, Rudolf E., assignor.)
- Radio Corporation of America. (See Zimmerman, Arthur G., assignor.)
- Radio Corporation of America. (See Zottu, Paul D., assignor.)
- Radio Corporation of America. (See Zworykin, Vladimir K., assignor.)
- Radio Equipment Corporation of America. (See de Far, Donald R., assignor.)
- Radio Inventions, Inc. (See Alden, Milton, assignor.)
- Radio Inventions, Inc. (See Donle, Harold P., assignor.)
- Radio Inventions, Inc. (See Gould, Leslie A., assignor.)
- Radio Inventions, Inc. (See Hogan, John V. L., assignor.)
- Radio Inventions, Inc. (See Ressler, H. C., and Wilder, assignors.)
- Radio Patents Corporation. (See Dalpayrat, Henri F., assignor.)
- Radio Patents Corporation. (See Harz, Hermann, assignor.)
- Radio Patents Corporation. (See Hollmann, Hans E., assignor.)
- Radio Patents Corporation. (See Koch, Earl L., assignor.)
- Radio Patents Corporation. (See Plebanski, Jozef, assignor.)
- Radio Patents Corporation. (See Presser, Ernst, assignor.)
- Radio Patents Corporation. (See Rath, Karl, assignor.)
- Radio Patents Corporation. (See Weiller, Paul G., assignor.)
- Radio Receptor Co. Inc. (See Cohn, Hugo, assignor.)
- Radio Research Laboratories, Inc. (See Haffcke, Philip M., assignor.)
- Radio Research Laboratories, Inc. (See St. Laurent, Herbert, assignor.)
- Radium Dial Company. (See Fordyce, Rufus G., assignor.)
- Radium Luminous Corporation. (See Bilstein, Louis C., assignor.)
- Radlauer, Arthur M. (See Olson, R. V., and Radlauer.)
- Radlein, Edward J. (See Holmes, Sydney V., assignor.)
- Radley, Fred T., Ceres, Calif. Self-watering seed pan. 2,030,268; Feb. 11.
- Radloff, Johannes, Berlin, Germany, assignor to General Electric Company. Double acting internal combustion engine. 2,029,189; Jan. 28.
- Radloff, Johannes, Berlin, Germany, assignor to General Electric Company. Welded frame for combustion engines. 2,045,493; June 23.
- Radloff, William A., West Allis, Wis. Water heater. 2,035,341; Mar. 24.
- Radtke, Bruno, assignor to Exhibit Supply Company, Chicago, Ill. Game apparatus. 2,044,328; June 16.
- Radtke, Bruno, Libertyville, assignor to The Exhibit Supply Company, Chicago, Ill. Game apparatus. 2,054,866; Sept. 22.
- Radtke, Paul W., Cheska, Minn. Artificial arm. 2,033,150; Mar. 10.
- Raduner & Co. A.-G. (See Bener, Christian, assignor.)
- Radwncky, Mick G. (See Kujala, B. E., and Radwncky.)
- Rady, William J., Anderson, Ind., and H. C. Porter, Rochester, N. Y., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Electrical generating system. 2,046,699; July 7.
- Rae, Allen, & Company Limited et al. (See Rae, W., and Tisdell, assignors.)
- Rae, William, Dumfries, Scotland, and T. A. Tisdell, Birmingham, England, assignors to Allen Rae & Company Limited, London, and Amal Limited, Birmingham, England. Key-operated electric switch, particularly for use on motor vehicles. 2,060,951; Nov. 17.
- Raack, Max, Dessau-Haideburg in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Tetrahalogeno-ortho-aminophenols. 2,041,512; May 19.
- Raack, Max, Dessau-Haideburg in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Tetrahalogeno-ortho-aminophenols. 2,041,513; May 19.
- Raack, Max, Dessau in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Mordant-dyeing monoazo dye and its production. 2,047,910; July 14.
- Raack, Max, Dessau-Haideburg in Anhalt, and A. Thurm, Dessau in Anhalt, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyes and their production. 2,044,329; June 16.
- Raez, William E., et al. (See Knight, Edward R., assignor.)
- Raff, Harry, Chicago, Ill. Fumigating storage bag. 2,058,177; Oct. 20.
- Raffa, Anthony, Elmora, Pa. Retractable auxiliary wheel. 2,062,931; Dec. 1.
- Raffa, Charles, Brooklyn, N. Y. Butter tub display support. 2,061,406; Nov. 17.
- Raffenbeul, Gust., G. m. b. H. (See Hockelmann, Jülüüs, assignor.)
- Raffenbeul, Rudolf, Hagen-Vorhalle, Germany. Rail fastening. 2,044,446; June 16.
- Raffles, Frank, Chicago, Ill. Apparatus for preparing molded deep forms or diaphragms. 2,045,163; June 23.
- Raffold Process Corporation. (See Brooks, A. M., and Rafton, assignors.)
- Raffold Process Corporation. (See Rafton, Harold R., assignor.)
- Raffold Process Corporation. (See Rafton, H. R., and Brooks, assignors.)
- Raflovich, Harry, Detroit, Mich. Molding pipes. 2,026,996; Jan. 7.
- Raflovich, Harry, Detroit, Mich. Hinge construction. 2,064,628; Dec. 15.
- Rafn, William, Oslo, Norway, assignor to Aktiengesellschaft für Patent und Industriewerte, Glaris, Switzerland. Preservation of milk and other or similar food products. 2,049,591; Aug. 4.
- Rafter, Albert, Glen Ridge, assignor to Rafter Machine Company, Belleville, N. J. Metal frame for constructing building boards. 2,049,925; Aug. 4.
- Rafter, Albert, Glen Ridge, assignor to Rafter Machine Company, Belleville, N. J. Stud and rafter. 2,049,926; Aug. 4.
- Rafter, Albert, Glen Ridge, assignor to Rafter Machine Company, Belleville, N. J. Beam and the like for building construction. 2,051,016; Aug. 11.
- Rafter, Albert, Glen Ridge, assignor to Rafter Machine Company, Belleville, N. J. Power transmission device. 2,055,803; Sept. 29.
- Rafter, Albert, Glen Ridge, assignor to Rafter Machine Company, Belleville, N. J. Frame for constructing building boards. 2,055,804; Sept. 29.
- Rafter Machine Company. (See Rafter, Albert, assignor.)
- Rafton, Harold R. (See Brooks, A. M., and Rafton.)
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Paper manufacture. 2,033,954; Mar. 17.
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Paper manufacture. 2,040,873; May 19.
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Paper manufacture. 2,045,052; June 23.
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Pigment. 2,049,021; July 28.
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Paper manufacture. 2,049,864; Aug. 4.
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Paper manufacture. 2,056,209; Oct. 6.
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Paper manufacture. 2,060,824; Nov. 17.
- Rafton, Harold R., and A. M. Brooks, Andover, Mass., assignors to Raffold Process Corporation. Colloidal calcium carbonate. 2,058,503; Oct. 27.
- Ragan, Alexander, Jr., Baltimore, Md. Safety razor and blade. 2,033,589; Mar. 10.
- Ragan, Alexander, Jr., Baltimore, Md. Internal combustion engine. 2,043,866; June 9.



- Ragan, Frederick H., Cleveland, Ohio. Powerpress 2,036,297; Apr. 7.
- Ragan, Frederick H., Shaker Heights, Ohio, assignor to W. R. Barnhart, Jr., Cleveland, Ohio. Air-metering device. 2,042,190; May 29.
- Ragan Knitting Company, et al. (See Coleman, Robert H., assignor.)
- Ragan, Ralph, Atlanta, Ga., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Heddle bar support. 2,036,080; Mar. 31.
- Ragan, Ralph, Atlanta, Ga., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Heddle and making the same. 2,041,860; May 26.
- Ragan, Ralph, Atlanta, Ga., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Ring and traveler for spinning and twisting frames. 2,042,628; June 2.
- Ragan, Ralph, Atlanta, Ga., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Ring and traveler for spinning and twisting frames. 2,049,020; July 28.
- Ragatz, Edward G., assignor to Union Oil Company of California, Los Angeles, Calif. Producing oxidized asphalts. 2,029,504; Feb. 4.
- Ragatz, Edward G., assignor to Union Oil Company of California, Los Angeles, Calif. Absorption system. 2,038,314; Apr. 21.
- Rager, Frank L., Los Angeles, Calif. Shock absorbing device. 2,035,009; Mar. 24.
- Ragg, Alphonse F. M., Neu-Wentorf, near Hamburg, Germany. Anticorrosive paint. 2,038,444; Apr. 21.
- Ragonnet, Eugene L., assignor to Pure Carbonic Company of America, New York, N. Y. Converter. 2,026,799; Jan. 7.
- Ragonnet, Eugene L., assignor to Air Reduction Company, Incorporated, New York, N. Y. Portable hydraulic testing machine. 2,053,205; Sept. 1.
- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Flying boat suspension structure. 2,029,276; Jan. 28.
- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Boat hull structure. 2,031,428; Feb. 18.
- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Welding machine. 2,034,536; Mar. 17.
- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Electric resistance welding system. 2,057,632; Oct. 13.
- Ragsdale, Earl J. W., Norristown, assignor to the Edward G. Budd Manufacturing Company, Philadelphia, Pa. Selector control switch. 2,064,179; Dec. 15.
- Rah, Joseph C., assignor to Delta-Star Electric Company, Chicago, Ill. Electrical insulator, terminator, bushing and the like. 2,056,983; Oct. 13.
- Rahke, Emil K. (See Vaser, Edward M., assignor.)
- Rahlmann, Frederick C., assignor of fifteen one-hundredths to G. W. Morris, San Antonio, Tex. Fire extinguisher. 2,030,468; Feb. 11.
- Raible, Charles G., Shaker Heights, assignor to The Fanner Manufacturing Company, Cleveland, Ohio. Bush. 2,040,499; May 12.
- Raiche, Paul A., Providence, R. I., assignor to Davol Rubber Company. Stripping apparatus. 2,039,626; May 5.
- Raiche, Paul A., North Providence, R. I., assignor to Davol Rubber Company. Construction of rubber articles. 2,043,630; June 9.
- Raiche, Paul A., Providence, R. I., assignor to Davol Rubber Company. Manufacture of nipples. 2,052,657; Sept. 1.
- Raiford, Rufus L., Franklin, Va. Splint. 2,057,592; Oct. 13.
- Rail Joint Company, The. (See Armstrong, Victor C., assignor.)
- Rail Joint Company, The. (See Delfox, James G., assignor.)
- Railroad Accessories Corporation. (See Deems, Edward M., assignor.)
- Railroad Accessories Corporation. (See Lundy, Beverly A., assignor.)
- Railroad Accessories Corporation. (See Schwendt, B. J., and Lavarack, assignors.)
- Railroad Research Bureau of The Manufacturing Companies of the United States Steel Corporation, The. (See Hammerstrom, Karl R., assignor.)
- Railroad Research Bureau of The Subsidiary Manufacturing Companies of the United States Steel Corporation. (See Hammerstrom, Karl R., assignor.)
- Rails Company, The. (See Clarke, Herbert S., assignor.)
- Railway Devices Company. (See Campbell, S. H., and Pietzsch, assignors.)
- Railway & Industrial Engineering Company. (See Kast, Samuel H., assignor.)
- Railway and Industrial Engineering Company. (See Kirk, Ralph L., assignor.)
- Railway & Industrial Engineering Co. (See Koppitz, Carl G., assignor.)
- Railway Metal Products Company. (See Swann, James S., assignor.)
- Railway Service & Supply Corporation. (See McKeon, John J., assignor.)
- Railway Service and Supply Corporation. (See Pearce, Edwin S., assignor.)
- Railway Track-work Co., The. (See Reagan, Thomas J., assignor.)
- Railway Utility Company. (See Hartwig, William G., assignor.)
- Railway Utility Company. (See Willer, Nicholas L., assignor.)
- Rain Machine, Ltd., et al. (See Lambie, John A., assignor.)
- Raines, Arnold, Brooklyn, N. Y. Electrolytic condenser and making the same. 2,031,128; Feb. 18.
- Rainey, Alexander G., London, England. Light-sensitive cell control mechanism. 2,031,503; Feb. 18.
- Rainville, Walter S., Sr., Gretna, La. Sampler. 2,059,999; Nov. 3.
- Raisch, William, Forest Hills, assignor to Municipal Sanitary Service Corporation, New York, N. Y. Filter. 2,027,652; Jan. 14.
- Raisch, William, Forest Hills, assignor to Underpinning & Foundation Company, Inc., New York, N. Y. Treatment and disposal of sewage and the like. 2,046,845; July 7.
- Raisch, William, assignor to Municipal Sanitary Service Corporation, New York, N. Y. Filter. 2,060,896; Nov. 17.
- Raisch, William, Forest Hills, N. Y., and J. H. Fedeler, Jr., Glen Rock, N. J., assignors to Underpinning Foundation Company, Inc. Filter. 2,028,949; Jan. 28.
- Raisig, Charles L. (See Iversen, L., and Raisig.)
- Raisley, John C., assignor to Cool-Rite Products Corporation, New Haven, Conn. Cooling system. 2,046,968; July 7.
- Raithel, Ed A., Jefferson City, Mo. Device for holding fishing rods. 2,033,007; Mar. 3.
- Raiziss, George W., and A. I. Kremens, Philadelphia, Pa., assignors to Abbott Laboratories, North Chicago, Ill. Vanadium compounds of N-methylene sulphonic acids of diamino dihydroxy arsenobenzene and sodium salts thereof. 2,049,662; Aug. 4.
- Rakatzky, John, Bridgeport, Conn. Banana rack. 2,038,903; Apr. 28.
- Raleigh, James F., River Forest, assignor to Pines Winterfront Company, Chicago, Ill. Radiator shutter. 2,026,653; Jan. 7.
- Rall, Carl A., assignor to Bodine Electric Company, Chicago, Ill. Electric Motor. 2,055,049; Sept. 22.
- Rall, Harry T. (See Smith, H. M., Grandone, and Rall.)
- Rallet, Dumitru, and F. Keller, Moreni, Rumania. Deparafinator. 2,058,825; Oct. 27.
- Ralph, Clarence E., Mansfield, Mass. Domestic water supply apparatus. 2,059,909; Nov. 3.
- Ralson, Alfred B., Sandviken, Sweden. Fish plate for laterally joining two or more metallic strips. 2,029,635; Feb. 4.
- Ralston, Anderson W., assignor to Armour and Company, Chicago, Ill. Coal tar distillates and preparing the same. 2,033,547; Mar. 10.
- Ralston, Anderson W., W. O. Pool, and J. Harwood, assignors to Armour and Company, Chicago, Ill. Preparing nitriles. 2,033,536; Mar. 10.
- Ralston, Anderson W., W. O. Pool, and J. Harwood, assignors to Armour and Company, Chicago, Ill. Preparing nitriles. 2,033,537; Mar. 10.
- Ralston, Anderson W., and S. T. Bauer, assignors to Armour and Company, Chicago, Ill. Preparing hydroxylated carboxylic acids. 2,033,538; Mar. 10.
- Ralston, Anderson W., and C. B. Jackson, assignors to Armour and Company, Chicago, Ill. Preparing higher fatty aldehydes. 2,033,539; Mar. 10.
- Ralston, Anderson W., and C. W. Christensen, assignors to Armour and Company, Chicago, Ill. Mixed phenoxy-phenyl-alkyl ketones. 2,033,540; Mar. 10.
- Ralston, Anderson W., and C. W. Christensen, assignors to Armour and Company, Chicago, Ill. Mixed diphenyl-alkyl ketones. 2,033,541; Mar. 10.
- Ralston, Anderson W., and C. W. Christensen, assignors to Armour and Company, Chicago, Ill. Mixed furyl-alkyl ketones. 2,033,542; Mar. 10.
- Ralston, Anderson W., and C. W. Christensen, assignors to Armour and Company, Chicago, Ill. Lubricating oils. 2,033,543; Mar. 10.
- Ralston, Anderson W., and C. W. Christensen, assignors to Armour and Company, Chicago, Ill. Waxing and polishing compositions. 2,033,544; Mar. 10.
- Ralston, Anderson W., C. W. Christensen, and S. T. Bauer, assignors to Armour and Company, Chicago, Ill. Compositions from coal tar and higher fatty acid chlorides and making the same. 2,033,545; Mar. 10.
- Ralston, Anderson W., C. W. Christensen, and W. M. Selby, assignors to Armour and Company, Chicago, Ill. Lubricating oils. 2,033,546; Mar. 10.
- Ralston, Anderson W., and C. W. Christensen, assignors to Armour and Company, Chicago, Ill. Mixed furyl-alkyl ketones. 2,033,548; Mar. 10.
- Ralston, Anderson W., and C. W. Christensen, assignors to Armour and Company, Chicago, Ill. Insulating and dielectric material for electrical apparatus. 2,039,837; May 5.
- Ralston, Anderson W., W. O. Pool, and J. Harwood, assignors to Armour and Company, Chicago, Ill. Separating fatty acids. 2,042,729; June 2.
- Ralston, Anderson W., W. O. Pool, and J. Harwood, assignors to Armour and Company, Chicago, Ill. Lubricating oils. 2,053,045; Sept. 1.
- Ralston, Anderson W., W. O. Pool, and J. Harwood, assignors to Armour and Company, Chicago, Ill. Penetrating oil. 2,053,046; Sept. 1.



- Ralston, Anderson W., W. O. Pool, and J. Harwood, assignors to Armour and Company, Chicago, Ill. Preparing nitriles. 2,061,314; Nov. 17.
- Ralston, Anderson W., and C. W. Christensen, assignors to Armour and Company, Chicago, Ill. Weed killing compositions. 2,062,823; Dec. 1.
- Ralston, Frank L. (See Gilstrap, C. L., Smith, and Ralston.)
- Ralston, Lillian H., Gruver, Tex. Tricycle. 2,044,889; June 23.
- Ralston, Oliver C., Clarkdale, Ariz., assignor, by mesne assignments, to Phelps Dodge Corporation, New York, N. Y. Concentration of minerals. 2,064,031; Dec. 15.
- Ralston, Oliver C., and W. J. Uren, Clarkdale, Ariz., assignors, by mesne assignments, to Phelps Dodge Corporation, New York, N. Y. Electrodeposition of metals. 2,058,259; Oct. 20.
- Ramage, Alexander S., assignor to Merlin Wiley and Ora L. Smith, trustees, Detroit, Mich. Vapor phase treatment of unsaturated hydrocarbons. 2,035,189; Mar. 24.
- Ramage, William D., Pittsburg, Calif., assignor to Great Western Electro-Chemical Company. Substitution Chlorination. 2,046,411; July 7.
- Ramage, William H. (See Perry, J. E., and Ramage.)
- Ramapo Ajax Corporation. (See Cooper, G. M., and Eastburn, assignors.)
- Ramapo Ajax Corporation. (See Eastburn, Samuel L., assignor.)
- Ramapo Ajax Corporation. (See Heidenthal, Warren C., assignor.)
- Ramapo Ajax Corporation. (See Hoffman, P., and Perdue, assignors.)
- Ramapo Ajax Corporation. (See Strong, James B., assignor.)
- Rambert, Arthur F., Irondequoit, N. Y. Cigarette and making the same. 2,030,319; Feb. 11.
- Ramco, Inc. (See Olm, O. J., and Mair, assignors.)
- Ramco, Inc. (See Royal, Thomas M., assignor.)
- Ramco, Inc. (See Smithwick, H., and Halbo, assignors.)
- Ramelet, Eduard, assignor to Landis & Gyr, A.-G., Zug, Switzerland. Telemetric apparatus. 2,046,846; July 7.
- Ramer, George B., assignor to Hercules Powder Company, Wilmington, Del. Apparatus for continuous extraction. 2,051,495; Aug. 18.
- Ramigé, Cécile, Suresnes, France. Electrically actuated pulsator pump. 2,032,148; Feb. 25.
- Ramirez, Angelo, Jr., Brooklyn, and A. Schiavi, New York, N. Y. Electrical switch. 2,040,214; May 12.
- Ramos, Joseph A., assignor of one-half to B. Delmas, San Francisco, Calif. Variable speed motor. 2,054,446; Sept. 15.
- Ramsay, Horace E., assignor of one-sixth to W. H. Garrison and one-sixth to E. E. Yeck, Oklahoma City, Okla. Safety razor. 2,049,865; Aug. 4.
- Ramsdell, Thomas S., Great Barrington, Mass. Automatic lap doffer. 2,031,066; Feb. 18.
- Ramsey Accessories Manufacturing Corporation. (See Marien, Charles A., assignor.)
- Ramsey Accessories Manufacturing Corporation. (See Marien, Charles A., and M. W., assignors.)
- Ramsey Accessories Manufacturing Corporation. (See Moeller, George J., assignor.)
- Ramsey Accessories Manufacturing Corporation. (See Porter, Homer, assignor.)
- Ramsey, Allan. (See Triplett, H. A., and Ramsey.)
- Ramsey, Allan, Evanston, assignor, by mesne assignments, to Schweitzer & Conrad, Inc., Chicago, Ill. Switch. 2,063,954; Dec. 15.
- Ramsey, Arthur C., Fort Leavenworth, Kans. Container. 2,033,151; Mar. 10.
- Ramsey, Fred J., Harrisburg, Pa. Hydraulic transmission. 2,065,737; Dec. 29.
- Ramsey, George, Brooklyn, N. Y. Television receiver. 2,050,463; Aug. 11.
- Ramsey, George, Brooklyn, N. Y. Multiplex communication system. 2,055,309; Sept. 22.
- Ramsey, Robert P., Philadelphia, Pa., assignor to The National Superior Company, Toledo, Ohio. Starter control device for internal combustion engines. 2,033,052; Mar. 3.
- Ramseyer, Charles F., Chicago, Ill., assignor to Chicago District Electric Generating Corporation, Hammond, Ind. Making ceramic products. 2,055,706; Sept. 29.
- Ramspeck, George C., Chicago, Ill. Piston. 2,056,079; Sept. 29.
- Ramstead, Charles, Okmulgee, Okla., assignor, by mesne assignments, of one-half to Zacharia Zachari. Valve. 2,057,976; Oct. 20.
- Rancke, Hinrich, Cranz-Neuenfelde, Germany. Flushing device. 2,040,444; May 12.
- Rand, James H., assignor to Philrand, Inc., North Falmouth, Mass. Index strip sheet and making the same. 2,058,035; Oct. 20.
- Rand, James H., assignor to Philrand, Inc., North Falmouth, Mass. Index card and system. 2,065,738; Dec. 29.
- Rand, James H., Jr., Buffalo, and W. W. Lasker, Brooklyn, assignors to Remington Rand Inc., Buffalo, N. Y. Tabulating machine. 2,059,277; Nov. 3.
- Rand McNally & Company. (See Pinaud, John A., assignor.)
- Rand, Silas J., San Juan del Monte, assignor of one-half to A. J. Gibbs, alias A. Gibbs, Jr., Manila, P. I. Dehydrating machine. 2,038,904; Apr. 28.
- Randall, Charles W., Fort Edward, assignor to International Paper Company, New York, N. Y. Bearing removing and inserting device. 2,037,199; Apr. 14.
- Randall, Eugene F., Medford, Mass., assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Rectifier and the like. 2,030,396; Feb. 11.
- Randall, Frank A., and J. D. Cantoni, Napa, Calif. Automatic weighing machine. 2,050,586; Aug. 11.
- Randall, Frank A., and J. D. Cantoni, Napa, assignors to California Prune & Apricot Growers Association, San Jose, Calif. Automatic fruit-pressing device. 2,050,585; Aug. 11.
- Randall, Howard D., Cincinnati, Ohio. Paper clip or the like. 2,047,129; July 7.
- Randall, Karl C., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switchboard. 2,050,378; Aug. 11.
- Randall, Meredith S. (See Woodall, H. J., and Randall.)
- Randall, Meredith S., assignor to Woodall Industries Incorporated, Detroit, Mich. Laminated panel. 2,028,950; Jan. 28.
- Randall, Norman E., Shannock, R. I. Elastic yarn and making same. 2,030,610; Feb. 11.
- Randel, Bo F., San Diego, Calif. Refrigeration. 2,044,811; June 23.
- Randel, Bo Folke, San Diego, Calif. Refrigeration. 2,052,580; Sept. 1.
- Randolph, Alan F. (See Macht, M. L., and Randolph.)
- Randolph, Alan F. Montclair, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic composition. 2,059,394; Nov. 3.
- Randolph, Cary H., St. Louis, Mo. Elementary music notation device. 2,063,269; Dec. 8.
- Randolph, Donald W., Flint, assignor to General Motors Corporation, Detroit, Mich. Ignition circuit. 2,027,617; Jan. 14.
- Randolph, Donald W., Flint, O. S. Duffendack, and R. A. Wolfe, Ann Arbor, Mich. Spark generating system. 2,030,228; Feb. 11.
- Randolph, Donald W., Flint, Mich., assignor to General Motors Corporation, Detroit, Mich. Making gas-free compositions of matter. 2,036,496; Apr. 7.
- Randolph, Donald W., Flint, assignor to General Motors Corporation, Detroit, Mich. Nickel alloy of low gas content. 2,036,497; Apr. 7.
- Randolph, Donald W., Flint, assignor to General Motors Corporation, Detroit, Mich. Ignition system. 2,047,431; July 14.
- Randolph, George B., San Antonio, Tex. Lawn trimmer. 2,027,289; Jan. 7.
- Randolph, George B., San Antonio, Tex. Mobile sweeper. 2,054,713; Sept. 15.
- Randolph, George B., San Antonio, Tex. Mobile lawn trimmer. 2,058,353; Oct. 20.
- Raney, Clemma R. (See Lindgren, A. C., and Raney, assignors.)
- Raney, Clemma R., Riverside, Ill. Phonograph. 2,029,190; Jan. 28.
- Raney, Clemma R., Riverside, Ill. Phonograph. 2,029,191; Jan. 28.
- Raney, Clemma R., Riverside, Ill., assignor to International Harvester Company. Anvil for riveting guard ledger plates. 2,065,092; Dec. 22.
- Raney, Estel C., assignor to The Automatic Reclosing Circuit Breaker Company, Columbus, Ohio. Control apparatus. 2,044,736; June 16.
- Raney, Marion H., Flushing, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Method and apparatus for processing. 2,051,391; Aug. 18.
- Raney, Robert M. (See Dunzweiler, C. J., and Raney.)
- Ranger Fastener Corp. (See Pruzan, Barney, assignor.)
- Ranger, Richard H., Newark, N. J. Multiple part sound record. 2,033,648; Mar. 10.
- Ranger, Richard H., Newark, N. J. Synthesis of musical tones. 2,035,836; Mar. 31.
- Ranger, Richard H., Newark, N. J. Electrical musical instrument. 2,039,659; May 5.
- Ranger, Richard H., Newark, N. J., assignor to Radio Corporation of America. Multiplex transmission. 2,028,805; Jan. 28.
- Ranger, Richard H., Newark, N. J., assignor to Radio Corporation of America. Light translating system. 2,037,590; Apr. 14.
- Rankin, Donald A. (See Alt, C. A., Nollau, and Rankin.)
- Rankin, Donald A., and F. G. Uhler, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Casein dispersion. 2,030,226; Feb. 11.
- Rankin, Henry L., Tampa, Fla. Oil-level gauge. 2,029,672; Feb. 4.
- Rankin, Melvin C. (See Rutherford, M. E., Ousley, and Rankin.)
- Rankin, Renville S., Hastings, assignor to The Dorr Company, Inc., New York, N. Y. Water softening. 2,044,583; June 16.
- Rankin, Renville S., Chicago, Ill., assignor to The Dorr Company, Inc., New York, N. Y. Water softening. 2,044,584; June 16.
- Rankin, William K., Lansdowne, Pa., assignor to General Electric Company. Vacuum apparatus. 2,037,535; Apr. 14.
- Rankin, William K., and C. D. Hayward, Lansdowne, Pa., assignors to General Electric Company. Vacuum switch and fabricating the same. 2,027,835; Jan. 14.



- Rankin, William K., and C. D. Hayward, Lansdowne, Pa., assignors to General Electric Company. Vacuum switch. 2,027,836; Jan. 14.
- Rankow, Harry A. (See Viall, W. G., and Rankow.)
- Ranlett, Helen A., New York, N. Y. Vehicle brake control. 2,036,099; Mar. 31.
- Ranlett, Helen A., New York, N. Y. Vehicle brake control. 2,053,495; Sept. 8.
- Ranney, Charles J. (See Flynn, John W., assignor.)
- Ranney, John T., Presque Isle, Maine. Potato grading and cleaning apparatus. 2,037,266; Apr. 14.
- Ranney, Leo, Tulsa, Okla. Building underground structures and apparatus therefor. 2,048,710; July 28.
- Ranney, Leo, Morro Bay, Calif. Method of and apparatus for excavating. 2,057,691; Oct. 20.
- Ranseen, Mauritz C. (See Lunoe, J., and Ranseen.)
- Ransley, Harry C., Appleton, Wis. Clothes wringer attachment. 2,033,254; Mar. 10.
- Ransom, Harland R., Coldwater, Mich. Knife and tool sharpener. 2,038,445; Apr. 21.
- Ransom, John B., Rensselaer, assignor to H. D. Bob Company, Inc., New York, N. Y. Garment construction. 2,042,629; June 2.
- Ransom, Richard B., Nashville, Tenn. Steering mechanism for four-wheeled vehicles. 2,042,482; June 2.
- Ranstead, Guy S., Waukesha, Wis. Dispensing device. 2,054,660; Sept. 15.
- Rantin, Horace M., Atlanta, Ga. Attachment for multiple printing. 2,044,124; June 16.
- Räntsch, Kurt, Berlin-Teltow, Germany, assignor to Opticolor, Aktiengesellschaft, Glarus, Switzerland. Printing apparatus for lenticulated films. 2,036,498; Apr. 7.
- Räntsch, Kurt, Teltow-Seehef, near Berlin, Germany, assignor to Opticolor A.-G., Glarus, Switzerland. Optical printing machine for reticulated films. 2,036,499; Apr. 7.
- Räntsch, Kurt, Teltow Seehef, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Apparatus for projecting images on lenticulated films. 2,050,860; Aug. 11.
- Räntsch, Kurt, Teltow-Seehef near Berlin, Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland. Device for copying by projection images on lenticulated films. 2,057,977; Oct. 20.
- Räntsch, Kurt, Berlin-Teltow, Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland. Arrangement for the copying by projection of lenticulated films. 2,061,088; Nov. 17.
- Räntsch, Kurt, Berlin-Teltow (Seehef), Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland. Optical lens system for lenticular films. 2,062,146; Nov. 24.
- Räntsch, Kurt, Teltow-Seehef, near Berlin, and H. Neugebauer, Berlin-Lichterfelde, Germany, assignors to Opticolor Aktiengesellschaft, Glarus, Switzerland. Device for copying lenticulated films by projection. 2,051,392; Aug. 18.
- Rao, Pappu S., Mylapore, Madras, British India. Electric flame producing device. 2,065,023; Dec. 22.
- Rapaport, Naham, and E. W. Armstrong, Belfast, Northern Ireland, and O. G. Hutchinson, Brighton, England. Sewing machine. 2,029,942; Feb. 4.
- Rape, Alvin, Seward, Nebr. Continuous rail. 2,051,224; Aug. 18.
- Raphael, Harold J. W. (See Dixon, C., and Raphael.)
- Rapid Roller Company. (See Smith, Charles F., assignor.)
- Rapid Roller Company. (See Wightman, Andrew M., assignor.)
- Rapids, Felix R., Chicago, Ill. Electrolytic device. 2,061,591; Nov. 24.
- Rapids, Felix R., Chicago, Ill. Composition for and method of metal electroplating. 2,061,592; Nov. 24.
- Rapisarda, Edward D., Agawam, Mass. Printing and depositing mechanism. 2,031,386; Feb. 18.
- Rapisarda, Edward D., Agawam, assignor to National Equipment Company, Springfield, Mass. Method and apparatus for handling starch in confectionery manufacture. 2,028,410; Jan. 21.
- Rapisarda, Edward D., Agawam, assignor of one-half to G. El. Byford, Winchester, Mass. Two-hand control system. 2,052,795; Sept. 1.
- Rapisarda, Edward D., Agawam, assignor to National Equipment Company, Springfield, Mass. Cold box. 2,055,805; Sept. 29.
- Rapley, Frederic A., Golders Green, London, England. Printed waxed paper. 2,040,564; May 12.
- Rapp, Axel G. J., Evanston, and A. G. Granath, Chicago, Ill. Muller type mixer. 2,049,866; Aug. 4.
- Rapp, Herbert V., Buffalo, assignor to National Aniline & Chemical Co., Inc., New York, N. Y. Purification of naphthylamine sulphonic acid. 2,058,911; Oct. 27.
- Rapp, Robert D., Hammond, Ind. Can filling machine. 2,062,428; Dec. 1.
- Rappold, George W., Maspath, N. Y. Slice measuring cake box. 2,027,198; Jan. 7.
- Raptis, Nicolas J., New York, N. Y. Combination of brushes, brush holders, and brush handles. 2,032,664; Mar. 3.
- Rare Chemicals, Inc. (See Ach, L., and Dirscherl, assignors.)
- Rare Chemicals, Inc. (See Fritzsching, Erwin, assignor.)
- Rare Chemicals, Inc. (See Johannessohn, F., and Thron, assignors.)
- Rarick, Orth E., Eagle, assignor to Eagle Manufacturing Company, Caldwell, Idaho. Two-way tractor plow. 2,060,439; Nov. 10.
- Rasbridge, Edward A., Lebanon, Pa. Bung. 2,028,352; Jan. 21.
- Rasch, Henry, Hohokus, N. J., assignor to Chaincraft, Inc., Haverstraw, N. Y. Brassière. 2,061,739; Nov. 24.
- Rasch, Ludvik, Oslo, Norway. Mechanical hammer. 2,056,293; Oct. 6.
- Rasch, Royal H. (See Richter, G. A., Vannah, and Rasch.)
- Raschig, Dr. F., G. m. b. H. (See Prahl, W., and Mathes, assignors.)
- Raschig, Dr. F., G. m. b. H. (See Raschig, Klaus, assignor.)
- Raschig, Klaus, assignor to Dr. F. Raschig G. m. b. H., Ludwigshafen-on-the-Rhine, Germany. Evaporating aqueous hydrochloric acid. 2,031,179; Feb. 18.
- Rash, Ben C., Henderson, Ky. License plate for automobiles. 2,032,026; Feb. 25.
- Raskhodoff, Nicholas, assignor to United American Bosch Corporation, Springfield, Mass. Protective dial light. 2,043,676; June 9.
- Rasmussen, Andrew, Racine, Wis. Power hacksaw machine. 2,049,626; Aug. 4.
- Rasmussen, Arthur O. (See Lock, G. M., and Rasmussen.)
- Rasmussen, Charles H., assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Container closure. 2,031,979; Feb. 25.
- Rasmussen, Floyd H., Waterbury, Conn. Waste and overflow for bathtubs and basins. 2,063,399; Dec. 8.
- Rasmussen, Frank H., assignor to Magill-Weinsheimer Company, Chicago, Ill. Display device. 2,055,910; Sept. 29.
- Rasmussen, John, Denver, Colo. Rock crusher. 2,065,612; Dec. 29.
- Rasmussen, Jörgen Skafte, Zschopau, assignor to Auto Union A. G., Chemnitz, Germany. Motor car. 2,056,585; Oct. 6.
- Rasmussen, Martin, Los Angeles, Calif. Fountain stripper. 2,041,022; May 19.
- Rasmussen, Olaf. (See Tenney, P. L., and Rasmussen.)
- Rasp, John, Cleveland, Ohio. Belt. 2,043,061; June 2.
- Rassweiler, Gerald M., and E. J. Martin, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Oscillograph. 2,030,654; Feb. 11.
- Rast, Frederick Q., assignor to International Business Machines Corporation, New York, N. Y. Weight controlled machine. 2,036,081; Mar. 31.
- Rast, Frederick Q., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Printing means. 2,045,996; June 30.
- Rast, Julius H., Charleston, S. C. Seat for automobiles and the like. 2,057,591; Oct. 13.
- Rast, Lewis O., Swansea, S. C. Basket cover. 2,055,670; Sept. 29.
- Rastetter, William C., Fort Wayne, Ind. Doll. 2,045,962; June 30.
- Rastetter, William C., Fort Wayne, Ind. Folding table legs. 2,049,221; July 28.
- Rateike, Charles J., Chicago, assignor of fifty-five percent to Nils G. Olsson, Aurora, Ill. Metallic shingle. 2,027,321; Jan. 7.
- Ratermann, Aloysius G., St. Louis, Mo. Garment hanger. 2,053,633; Sept. 8.
- Räth, Curt. (See Buchheim, K., and Räth.)
- Rath, Karl, assignor to Radio Patents Corporation, New York, N. Y. Electron coupled circuit. 2,051,177; Aug. 18.
- Rath, Rudolf, Munich, Germany. Solid web for artificial tooth backing. 2,026,706; Jan. 7.
- Rathbun, Edward, Toledo, Ohio. Maneuvering control for reversible engines. 2,040,333; May 12.
- Rathbun, Frank J., and R. J. Owen, assignors to The Louis Allis Company, Milwaukee, Wis. Combined electric motor and controller. 2,042,962; June 2.
- Rathbun, Harry B., Waterbury, Conn. Composition for cleaning and brightening metals. 2,062,038; Nov. 24.
- Rathbun, Harry B., Waterbury, Conn. Baking powder. 2,062,039; Nov. 24.
- Rathbun, John P., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat exchanger. 2,049,748; Aug. 4.
- Rathbun, John P. (See Potter, J. A., and Rathbun.)
- Rathbun, Merrill L., Jamestown, N. Y. Closed receptacle or case. 2,046,133; June 30.
- Rathbun, Ross B., El Paso, Tex., assignor to American Smelting & Refining Company, New York, N. Y. Filter for removing solids from gases. 2,057,446; Oct. 13.
- Rathburn, Emory L., Alexandria, Ind., assignor, by mesne assignments, to The Mantle Lamp Company of America, Chicago, Ill. Catalytic fuel generator. 2,044,544; June 16.
- Rather, James B., and L. C. Beard, Jr., Brooklyn, and O. M. Reiff, Jackson Heights, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Distillate petroleum products and treating same. 2,062,675; Dec. 1.
- Rathke, Harry C., Chicago, Ill., assignor to The Meyer-cord Co. Decorating cloth. 2,036,160; Mar. 31.
- Rathmell, John M. (See Green, J. B., and Rathmell.)
- Ratigan, James P., Los Angeles, Calif. Bearing and pump operating lever. 2,057,917; Oct. 20.
- Ratigan, James P., Los Angeles, Calif. Rod gripping device. 2,061,102; Nov. 17.



- Ratliff, Albert T., and R. R. Guice, Hattiesburg, assignors to The Pine-Felt Corporation of Mississippi, Petal, Miss. Decortication of fibrous plants. 2,047,130; July 7.
- Ratner, Hyman. (See Cohen, Joseph, assignor.)
- Ratner, Ida. (See Meade, Arthur F., assignor.)
- Rattan Manufacturing Company, The. (See Coleman, Orville K., assignor.)
- Rattan Manufacturing Company, The. (See Dann, Paul N., assignor.)
- Rattman, George E. (See Hopkins, L., and Rattman.)
- Rau, Henry V., Amityville, assignor to Edwin B. Stimpson Company, Brooklyn, N. Y. Tufting device. 2,048,292; July 21.
- Rau, Kurd, Berlin-Teltow, assignor to Sally Engelbert, Berlin, Germany. Producing oscillations of high frequencies. 2,055,591; Sept. 29.
- Rauch, Antonín, and Václav Smolík, Prague, Czechoslovakia. Tennis racket with pneumatic tightener. 2,034,444; Mar. 17.
- Rauchalles, Gertrud. (See Bertsch, H., and Rauchalles.)
- Rauchbaar, Wilhelm, Frankfurt-on-the-Main, Germany. Reversible sliding sash window. 2,034,206; Mar. 17.
- Rauen, Carl F., Grosse Pointe, and A. E. Kilpela, Detroit, Mich., assignors, by mesne assignments, to Borg-Warner Corporation. Automatic transmission. 2,031,067; Feb. 18.
- Rauen, Carl F., Grosse Pointe, and A. E. Kilpela, Detroit, Mich., assignors, by mesne assignments, to Borg-Warner Corporation. Automatic transmission. 2,032,592; Mar. 3.
- Rauen, Carl F., Grosse Pointe, Mich., and R. E. Keller, Beverly Hills, Calif., said Rauen, assignor, by mesne assignments, to Borg-Warner Corporation. Automatic transmission. 2,036,500; Apr. 7.
- Rauen, Carl F., Grosse Pointe, Mich., and R. E. Keller, Beverly Hills, Calif., said Rauen assignor, by mesne assignments, to Borg-Warner Corporation. Automatic transmission. 2,053,109; Sept. 1.
- Rauen, Carl F., Grosse Pointe, and J. T. Rauen, Detroit, Mich., assignors, by mesne assignments, to Borg-Warner Corporation. Automatic transmission. 2,056,365; Oct. 6.
- Rauen, John T. (See Rauen, C. F., and J. T.)
- Rauh, Elmer. (See Patterson, Ples, assignor.)
- Rauh, Frederic H., South Orange, assignor to J. Wiss & Sons Co., Newark, N. J. Bottle cap remover. 2,027,785; Jan. 14.
- Rausch, Karl W., East Cleveland, assignor to Perfection Stove Company, Cleveland, Ohio. Flow control. 2,032,853; Mar. 3.
- Rausch, Martin, Striegau, Germany. Sheaf gatherer for moving and binding machines. 2,046,426; July 7.
- Rausch, Victor H., Maplewood, N. J., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Computing mechanism. 2,037,667; Apr. 14.
- Rauschert, Bryan L., Grapeview, Wash., assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Improving sulphonated hydroxy aromatic compounds. 2,058,504; Oct. 27.
- Rava, Alexander, Chicago, Ill. Making refractory materials. 2,040,215; May 12.
- Rava, Alexander, Chicago, Ill. High temperature torch. 2,043,867; June 9.
- Rava, Alexander, Chicago, Ill. High temperature torch. 2,052,796; Sept. 1.
- Ravanelli, Ben H., Austin, Tex. Carburetor for internal combustion engines. 2,064,217; Dec. 15.
- Ravelo, Raimundo, Ferrum, Va. Valved coupling. 2,066,122; Dec. 29.
- Ravenscroft, Edward A., Glencoe, Ill. Bottle mouth. 2,039,345; May 5.
- Ravenscroft, Edward A., Glencoe, assignor to Abbott Laboratories, (North) Chicago, Ill. Bottle finish. 2,059,910; Nov. 3.
- Ravestein, Maria A. P., executrix. (See Ravestein, Willem.)
- Ravestein, Willem, deceased, Monster, M. A. P. Ravestein, executrix, assignor to N. V. Handelsvereniging, V. H. Fa. Bessel-Kok, Amsterdam, Netherlands. Resilient Vehicle wheel. 2,059,030; Oct. 27.
- Ravier, Sylvain L., Paris, France. Retaining wall construction. 2,039,260; Apr. 28.
- Ravier, Sylvain L., Paris, France. Retaining wall. 2,063,558; Dec. 8.
- Raviolo, John B. (See Pearce, J. W. B., and Raviolo.)
- Raynestad, Andreas J., Fredrikstad, Norway, assignor to Titan Company Incorporated, Wilmington, Del. Producing titanium pigment. 2,055,221; Sept. 22.
- Ravz, Ernest, assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,060,119; Nov. 10.
- Rawlings, Arthur D., Barnes, England. Apparatus for providing physical health treatment. 2,035,010; Mar. 24.
- Rawlings, Herbert L. (See Glaister, P. J., and Rawlings.)
- Rawlings Manufacturing Company. (See Latina, Harry B., assignor.)
- Rawlings Manufacturing Company. (See Whitley, William P., assignor.)
- Rawlings, William E. E., Santa Clara County, Calif. Grafting tool. 2,051,393; Aug. 18.
- Rawlings, William G., Netley Abbey, England. Machine to transform pressure of a simple character into a rotating motive force. 2,056,435; Oct. 6.
- Rawlins, Herbert L. (See Crabbs, H. J., and Rawlins.)
- Rawlins, Herbert L., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,032,149; Feb. 25.
- Rawlins, Herbert L., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,044,226; June 16.
- Rawson, Emanuel, North Bergen, N. J., assignor to The Superheater Company, New York, N. Y. Balanced automatic valve. 2,029,505; Feb. 4.
- Rawson, Emanuel, North Bergen, N. J., assignor to The Superheater Company, New York, N. Y. Exhaust steam injector. 2,032,500; Mar. 3.
- Rawson, Emanuel, North Bergen, and J. F. Griffin, Teaneck, N. J., assignors to The Superheater Company, New York, N. Y. Injector. 2,053,441; Sept. 8.
- Rawson, Harry H., assignor to Washington Machinery and Supply Company, Spokane, Wash. Lumber marking mechanism. 2,047,746; July 14.
- Ray, Alys M., Tacoma, Wash. Smoking stand. 2,029,192; Jan. 28.
- Ray, Arthur B., Bayside, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Depositing silica on material. 2,027,931; Jan. 14.
- Ray, Arthur B., Bayside, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Mold and method for its production. 2,027,932; Jan. 14.
- Ray, Arthur B., Bayside, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Producing solidified fuel. 2,046,209; June 30.
- Ray, Arthur B., Bayside, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Odor filter. 2,055,774; Sept. 29.
- Ray Burner Company. (See Neubauer, Edwin W., assignor.)
- Ray, Charles T., assignor to B. F. Avery & Sons Company, Louisville, Ky. Farm tractor. 2,051,896; Aug. 25.
- Ray, Charles T., assignor to B. F. Avery & Sons Company, Louisville, Ky. Tillage implement. 2,063,051; Dec. 8.
- Ray, Charles T., assignor to B. F. Avery & Sons Company, Louisville, Ky. Tillage implement. 2,063,851; Dec. 8.
- Ray, Charles T., assignor to B. F. Avery & Sons Company, Louisville, Ky. Tillage implement. 2,063,852; Dec. 8.
- Ray, Hugh P. (See Newton, E. E., and Ray.)
- Ray, Joseph B. (See Bean, A. C., and Ray.)
- Ray, Joseph L., New York, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Suction cleaner. 2,048,518; July 21.
- Ray, Loyd W., assignor to The White Castle System of Eating Houses Corporation, Wichita, Kans. Sectional wall panel. 2,050,503; Aug. 11.
- Ray, Merlin C., assignor to Monmouth Products Company, Cleveland, Ohio. Soap lather dispenser. 2,055,556; Sept. 29.
- Ray, William A., San Francisco, Calif., assignor to General Controls Co. Multistage fire control apparatus. 2,038,675; Apr. 28.
- Ray, William A., San Francisco, Calif., assignor to General Controls Co. Valve and control system. 2,046,882; July 7.
- Ray, William A., San Francisco, Calif., assignor to General Controls Company. Plunger valve. 2,052,246; Aug. 25.
- Ray, William F., assignor, by mesne assignments, to Rubberized Metal Containers Incorporated, Chicago, Ill. Manufacture of battery boxes. 2,060,120; Nov. 10.
- Raybestos-Manhattan, Inc. (See Fabrey, Frank A., assignor.)
- Raybestos-Manhattan, Inc. (See Lane, George S., assignor.)
- Raybestos-Manhattan, Inc. (See Novak, Izador J., assignor.)
- Raybestos-Manhattan, Inc. (See Pope, George E., assignor.)
- Raybestos-Manhattan, Inc. (See Warr, William, assignor.)
- Raybestos-Manhattan, Inc. (See White, Clarence B., assignor.)
- Raybestos-Manhattan, Inc. (See Glick, John A., assignor.)
- Raybestos-Manhattan, Inc. (See Judd, Morton F., assignor.)
- Raybestos-Manhattan, Inc. (See Lunn, John A., assignor.)
- Raybestos-Manhattan, Inc. (See Stanley, Frederick C., assignor.)
- Raycraft, George E., San Francisco, Calif. Fish lure. 2,034,832; Mar. 24.
- Ray-D-Ize Corporation. (See Pettit, Robert M., assignor.)
- Ray-Engleheart, Herbert F. R., London, England. Atomizer. 2,062,507; Dec. 1.
- Rayfield, William C., assignor to Detroit Lubricator Company, Detroit, Mich. Carburetor. 2,060,747; Nov. 10.
- Raylite Trading Company. (See Abramson, Abraham, assignor.)
- Raylite Trading Company. (See Brown, Joseph D., assignor.)
- Raylite Trading Co. Inc. (See Grant, Albert E., assignor.)
- Raymakers Syndicate Limited. (See Pirie, W. B., Chester, and Melville, assignors.)
- Raymaley, John, assignor of one-half to C. A. Buckenmaier, Jersey City, N. J. Potato slicer. 2,054,231; Sept. 15.
- Raymer, Morris M., Augusta, and R. S. Poole, Bedford, Mich., assignors to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,037,484; Apr. 14.
- Raymond, Arthur E. (See Kindelberger, J. H., and Raymond.)



- Raymond Bag Company, The. (See Finegan, John A., assignor.)
- Raymond Bag Company, The. (See Sharkey, William E., assignor.)
- Raymond Bag Company, The. (See Sharkey, W. E., and Thompson, assignors.)
- Raymond Bros., Impact Pulverizer Co. (See Colby, H. S., and O'Mara, assignors.)
- Raymond Brothers Impact Pulverizer Company. (See Crites, Joe., assignor.)
- Raymond Concrete Pile Company. (See Christie, Henry A., assignor.)
- Raymond Concrete Pile Company. (See Smith, Herman R., assignor.)
- Raymond Concrete Pile Company. (See Upson, Maxwell M., assignor.)
- Raymond Concrete Pile Company. (See Watt, Flihu D., assignor.)
- Raymond, Edward F., Huntingdon Beach, Calif. assignor to J. S. Beck. Straight pull automatic rotary jar. 2,055,018; Sept. 22.
- Raymond, Edward H., Reading, Mass. Apparatus for conveying feed in poultry houses. 2,043,595; June 9.
- Raymond, Edward H., Reading, Mass. Battery laying cage and feed distribution therein. 2,055,110; Sept. 22.
- Raymond, Franklin E., Santa Monica, Calif. Fountain comb. 2,062,376; Dec. 1.
- Raymond, Fred I., River Forest, Ill. Supplying steam to the radiators of steam heating systems. 2,027,880; Jan. 14.
- Raymond, Fred I., River Forest, Ill. Steam heating system. 2,027,881; Jan. 14.
- Raymond, John D., assignor of one-third to J. Halpin, Detroit, Mich. Safety razor handle. 2,028,011; Jan. 14.
- Rayniak, Joseph G., assignor to Johnson Motor Company, Waukegan, Ill. Lower unit for outboard motors. 2,050,670; Aug. 11.
- Rayniak, Joseph G., assignor to Johnson Motor Company, Waukegan, Ill. Propeller. 2,065,154; Dec. 22.
- Raytheon Manufacturing Company. (See Bush, Vannevar, assignor.)
- Raytheon Manufacturing Company. (See Le Van, James D., assignor.)
- Raytheon Manufacturing Company. (See Overbeck, Wilcox P., assignor.)
- Raytheon Manufacturing Company. (See Spencer, Percy L., assignor.)
- Raytheon Manufacturing Company. (See Weaver, Eastman A., assignor.)
- Raytheon Production Corporation. (See Anderson, Homer G., assignor.)
- Raytheon Production Corporation. (See Lyle, Andrew E., assignor.)
- Ré. (See Bardou-Job, P. M. J., and Hébrard, assignors.)
- Rea, John G., Union City, N. J. Package and dispenser. 2,035,246; Mar. 24.
- Rea, Pamela F. (See Rea, William V. and P. F.)
- Rea, Thomas K., assignor of one-half to R. G. Spratt, Charlotte, N. C. Loom picker. 2,045,724; June 30.
- Rea, William V. and P. F., Calumet City, Ill. Sanitary pack unit. 2,046,427; July 7.
- Reach, Milton B., Springfield, Mass. Water bottle. 2,027,290; Jan. 7.
- Reach, Minna I., South Pasadena, Calif. Washing article and producing same. 2,038,957; Apr. 28.
- Reach, Minna I., Pasadena, Calif. Cleansing swab. 2,038,958; Apr. 28.
- Reach, William F., Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Racket frame. 2,029,193; Jan. 28.
- Reach, William F., Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Golf club. 2,064,943; Dec. 22.
- Read, Arthur, assignor to "Pouring Spouts Inc.," Portland, Oreg. Carton. 2,028,687; Jan. 21.
- Read, Boletta, Ypsilanti, Mich. Game. 2,052,797; Sept. 1.
- Read, Dorothy, Miami, Fla., assignor to Jantzen Knitting Mills, Portland, Oreg. Bathing suit. 2,060,689; Nov. 10.
- Read, Ernest V., et al. (See Queen, Bert E., assignor.)
- Read, Roland R., Kirkwood, Mo., assignor to Lambert Pharmacal Company, Wilmington, Del. Alkyl ethers of 4-chloro resorcinol. 2,036,827; Apr. 7.
- Read, Sidney, Jr. (See Kellogg, E. W., and Read.)
- Read, William C., New Rochelle, N. Y., assignor to Electro Metallurgical Company. Making alloys. 2,027,837; Jan. 14.
- Read, Worth G., St. Paul, Minn. Printing mechanism. 2,045,408; June 23.
- Readeker, William C., Chicago, Ill. Siphonproof fuel tank. 2,038,676; Apr. 28.
- Reading-Pratt & Cady Company. (See McCausland, W., and Stephen, assignors.)
- Reading, Raymond L., Maywood, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for treating materials. 2,034,270; Mar. 17.
- Reagan, Maurice E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Contact-making demand meter. 2,036,298; Apr. 7.
- Reagan, Thomas J., Scranton, assignor to The Railway Track-work Co., Philadelphia, Pa. Derailing device. 2,031,574; Feb. 18.
- Reagle, Eustace E. (See Hughes, J. M., Carter, and Reagle.)
- Reama, George H., assignor, by mesne assignments, to Winchester Repeating Arms Company, New Haven, Conn. Laundry machine. 2,039,660; May 5.
- Reaney, Ernest, Bridgeport, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y. Streamlined bit clamp and holder. 2,062,607; Dec. 1.
- Reaney, Russell J. (See Griffith, Thomas R., assignor.)
- Reason, Richard E., assignor to Kapella Limited, Leicester, England. Sight-testing apparatus. 2,049,222; July 28.
- Reason, Richard E., assignor to Kapella Limited, Leicester, England. Apparatus for the objective determination of the refraction of the eye. 2,049,223; July 28.
- Reason, Richard E., assignor to Kapella Limited, Leicester, England. Photographic camera for three and four-color photography. 2,053,224; Sept. 1.
- Reasons, J. Briton. (See Vardell, Lonnie L., assignor.)
- Rebeck, Frederick E. (See Miller, J., and Rebeck.)
- Rebecchini, Eugene J., Chicago, Ill. Nut blanching machine. 2,065,093; Dec. 22.
- Reber, James B., assignor to Columbian Rope Company, Auburn, N. Y. Wire rope center. 2,055,750; Sept. 29.
- Rebhahn, George, Barber, Mont. Rodent poison spreader. 2,046,089; June 30.
- Rebora, Stephen F., Chicago, Ill. Toaster. 2,059,911; Nov. 3.
- Rebotier, Jean, Paris, France, assignor to Compagnie Generale de Telegraphic Sans Fil. Shipboard antenna system. 2,035,011; Mar. 24.
- Reboullet, Herman J. (See Hochwalt, C. A., and Reboullet.)
- Rebstock, Julius H., Centralia, Ill., assignor to Pressed Steel Car Company, McKees Rocks, Pa. Pawl and ratchet device. 2,035,837; Mar. 31.
- Rechard, Otis H., and O. F. Kuhlman, York, Pa., assignors, by mesne assignments, to American Chain Company, Inc., New York, N. Y. Service jack. 2,032,309; Feb. 25.
- Rechnitzer, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiver circuit arrangement. 2,026,800; Jan. 7.
- Rechnitzer, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Recording gain regulation system. 2,032,436; Mar. 3.
- Rechnitzer, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Power supply network for thermionic tubes. 2,037,267; Apr. 14.
- Rechnitzer, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplifier circuits. 2,039,113; Apr. 28.
- Rechnitzer, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Indicator. 2,044,100; June 16.
- Rechnitzer, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiving circuit for broadcast apparatus. 2,061,740; Nov. 24.
- Recht, Oskar C., Stockdorf, near Munich, Germany, and Age Lönberg-Holm, Hellerup, near Copenhagen, Denmark. Safety key for locks with tumblers. 2,038,677; Apr. 28.
- Rechtin, Ida, Sewickley, Pa. Freezing desserts, and apparatus. 2,028,806; Jan. 28.
- Reck, Peter C., assignor to Schwarze Electric Company, Adrian, Mich. Vibratory diaphragm horn mounting. 2,026,654; Jan. 7.
- Recker, Adolph C., Watertown, assignor to The Chase Companies, Incorporated, Waterbury, Conn. Branch-fitting and method of making. 2,040,628; May 12.
- Reckeweg, Charles, Washington, D. C. Printing furniture. 2,034,154; Mar. 17.
- Reclamation Company, The. (See Holt, G. J., and Longevin, assignors.)
- Reconstruction Finance Corporation. (See Beckwith, C. F., and Main, assignors.)
- Reconstruction Finance Corporation. (See Buquor, Adolph P., assignor.)
- Reconstruction Finance Corporation. (See Koplin, Harry, assignor.)
- Reconstruction Finance Corporation. (See Peter, William J., assignor.)
- Reconstruction Finance Corporation. (See Sims, James E., assignor.)
- Reconstruction Finance Corporation. (See Schumacher, Albert H., assignor.)
- Reconstruction Finance Corporation. (See Strobridge, William, assignor.)
- Reconstruction Finance Corporation. (See Taylor, William H., assignor.)
- Reconstruction Finance Corporation. (See Waters, H. H., and Gagg, assignors.)
- Record, LeRoy E., Scotia, N. Y., assignor to General Electric Company. Cathode structure for electric discharge device. 2,036,605; Apr. 7.
- Recording Card Table Company. (See Krantz, Hubert F., assignor.)
- Red Jacket Mfg. Co. (See Lafferty, Herbert R., assignor.)
- Reda Pump Company. (See Arutunoff, Armais, assignor.)
- Reda Pump Company. (See Brown, C. C., Van Wert and Arutunoff, assignors.)
- Reddellen, Gustav, Leipzig, and H. Ohlendorf, Dessau in Anhalt, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Manufacture of 6-bromo-2,4-dinitraniline. 2,042,630; June 2.



- Reddie, Roy, Knoxville, Tenn. Spinning spindle and lubricating same. 2,044,890; June 23.
- Redding, Daniel P., Kansas City, Mo. Vertebral adjusting appliance. 2,048,220; July 21.
- Redding, Daniel P., Kansas City, Mo. View or reading box. 2,048,221; July 21.
- Redding, Samuel A., Oakland, Calif. Trailer. 2,038,001; Apr. 21.
- Reddish, Warren T., assignor to Emery Industries, Inc., Cincinnati, Ohio. Removing sericin from silk. 2,060,529; Nov. 10.
- Reddish, Warren T., assignor to Emery Industries, Inc., Cincinnati, Ohio. Improving the appearance of silk fabrics. 2,061,211; Nov. 17.
- Redfarn, Cyril A. (See Schidrowitz, P., and Redfarn.)
- Redfield, Snowden B., Bethlehem, assignor to Fuller Company, Catasauqua, Pa. Regulator pilot valve. 2,041,148; May 19.
- Redford, John E. (See Farmer, C. C., and Redford.)
- Redford, John E., Florissant, assignor to The American Brake Company, St. Louis, Mo. Brake rigging. 2,028,623; Jan. 21.
- Redheffer, William H., et al. (See Smith, William J., assignor.)
- Redin, Roy W. (See Swift, J. R., and Redin.)
- Reding, Morse L., Joelton, Tenn. Thermometer. 2,038,905; Apr. 28.
- Redinger, Ivan R., Logansport, Ind. Reverse current relay. 2,048,623; July 21.
- Redinger, Joseph M., Johnston, R. I. Chuck. 2,038,602; Apr. 28.
- Redington, F. B., Co. (See Milmoie, Michael J., assignor.)
- Redler Conveyor Company. (See Elmer, Nixon W., assignor.)
- Redler Conveyor Company. (See Smith, Paul C., assignor.)
- Redman, Frank R., Yardley, Pa. Multi-ply fabric article. 2,045,963; June 30.
- Redman, Harold, Pontiac, Mich. Automobile signal light. 2,062,932; Dec. 1.
- Redmond, Albert G., Flint, Mich. Electric motor. 2,038,446; Apr. 21.
- Redmond, Albert G., Flint, Mich. Electric motor and making it. 2,058,109; Oct. 20.
- Redmond, Albert G., Flint, Mich. Lubricating device. 2,062,070; Nov. 24.
- Redmond, Frederic J. (See Gleason, D. H., and Redmond.)
- Redmond, Frederic J., Arlington, N. J., and J. N. Reynolds, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnet. 2,045,409; June 23.
- Redmond, Harriet L., Needham, assignor to The William Carter Company, Needham Heights, Mass. Shoulder-supported garment. 2,035,377; Mar. 24.
- Redmond, James H., Schenectady, N. Y., assignor to General Electric Company. Resistance spot welding. 2,046,969; July 7.
- Redrup, Charles B., Bristol, assignor to The Bristol Tramways & Carriage Company Limited, Bristol, Gloucester County, England. Valve mechanism of internal combustion engines. 2,042,730; June 2.
- Redrup, Will D., assignor to The Majestic Company, Huntington, Ind. Overhead door construction. 2,043,490; June 9.
- Reece Button Hole Machine Company, The. (See Kenny, Michael J., assignor.)
- Reece Button Hole Machine Company, The. (See Pikul, J. H., and Grip, assignors.)
- Reece Folding Machine Company. (See Curley, Michael J., assignor.)
- Reece Folding Machine Company. (See Gilbert, Alfred G., assignor.)
- Reece, Wade W., assignor to The W. E. Long Company, Chicago, Ill. Apparatus for sterilizing food products. 2,058,826; Oct. 27.
- Reed, Adam, Middletown, Del. Horse collar pad. 2,037,591; Apr. 14.
- Reed, C. A., Company. (See Burgard, Margaret A., assignor.)
- Reed, Carl S., assignor to The Lummus Company, New York, N. Y. Pipe coupling. 2,055,729; Sept. 29.
- Reed, Charles E., Lexington, Mo. Tailor's appliance. 2,035,342; Mar. 24.
- Reed, Charles H., administrator. (See Reed, James H.)
- Reed, Clair S. (See Sherman, J. D., Reed, and Currie.)
- Reed, Clair S., assignor to Reynolds Spring Company, Jackson, Mich. Spring structure. 2,040,780; May 12.
- Reed, Clair S., assignor to Reynolds Spring Company, Jackson, Mich. Upholstering device for cushions. 2,059,655; Nov. 3.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Rotary boring bit. 2,036,082; Mar. 31.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Earth boring apparatus. 2,047,110; July 7.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Earth boring apparatus. 2,047,111; July 7.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Earth boring drill. 2,047,112; July 7.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Earth boring apparatus. 2,047,113; July 7.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Combined disk and roller bit. 2,047,114; July 7.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Rotary earth boring drill. 2,047,115; July 7.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Rotary earth boring drill. 2,047,116; July 7.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller bit. 2,047,117; July 7.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller cutter drill. 2,058,624; Oct. 27.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Earth boring drill. 2,058,625; Oct. 27.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Combined disk and roller bit. 2,058,626; Oct. 27.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Earth boring drill. 2,058,627; Oct. 27.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Reamer. 2,058,628; Oct. 27.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Earth boring drill. 2,058,629; Oct. 27.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller cutter and spindle assembly for earth boring drills. 2,065,739; Dec. 29.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Cutter, spindle and antifriction assembly for earth boring drills. 2,065,740; Dec. 29.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Cutter spindle and antifriction bearing assembly. 2,065,741; Dec. 29.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller cutter spindle and bearing assembly for earth boring drills. 2,065,742; Dec. 29.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller bit. 2,065,743; Dec. 29.
- Reed, Cortes F., Anoka, assignor of one-half to C. L. Horn, Minneapolis, Minn. Halogenating compounds and product resulting therefrom. 2,046,090; June 30.
- Reed, Daniel E., Brooklyn, assignor to Reed Safety Signal System Inc., New York, N. Y. Fluid operated motor. 2,047,382; July 14.
- Reed, Daniel J., assignor to A. O. Smith Corporation, Milwaukee, Wis. Device for suspending tools. 2,039,114; Apr. 28.
- Reed, Daniel J., assignor to A. O. Smith Corporation, Milwaukee, Wis. Metal barrel with floating inner container. 2,057,346; Oct. 13.
- Reed, Daniel J., assignor to A. O. Smith Corporation, Milwaukee, Wis. Beer barrel. 2,057,347; Oct. 13.
- Reed, Daniel J., Whitefish Bay, and I. Burggraf, Milwaukee, assignors to A. O. Smith Corporation, Milwaukee, Wis. Electric flash welding of seams in metal articles. 2,055,310; Sept. 22.
- Reed, Earl A., Garber, Okla. Earth boring drill. 2,045,368; June 23.
- Reed, Estelle B. (See Freeman, Roe S., assignor.)
- Reed, George L., Osceola, and R. G. Woods, Newton, Iowa. Folding container. 2,049,620; Aug. 4.
- Reed, George M. (See Paxton, R., Reed and Hill.)
- Reed, Harold V. (See Nutt, H., and Reed.)
- Reed, Harold V., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Clutch plate. 2,028,951; Jan. 28.
- Reed, Harold V., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Clutch plate. 2,029,339; Feb. 4.
- Reed, James H., deceased, Marblehead, Mass., by C. H. Reed, administrator. Apparatus for making shoes. 2,043,305; June 9.
- Reed, John C., 3d, and C. C. Schott, Louisville, Ky., assignors to Standard Sanitary Manufacturing Company. Sink ware. 2,026,952; Jan. 7.
- Reed, Leslie D., assignor to Columbian Rope Company, Auburn, N. Y. Abrasive supporting pad and making the same. 2,031,280; Feb. 18.
- Reed-Lewis, Ellis W., Windsor, Ontario, Canada. Hydraulic cement. 2,061,972; Nov. 24.
- Reed, Lyman C., assignor to Reed Unit-Fans, Inc., New Orleans, La. Window ventilator. 2,039,346; May 5.
- Reed, Lyman C., assignor to Reed Unit-Fans, Inc., New Orleans, La. Ventilation system. 2,055,592; Sept. 29.
- Reed Manufacturing Company. (See Petersen, Thorvald, assignor.)
- Reed Propeller Co., The. (See Chilton, Roland, assignor.)
- Reed Propeller Co., The. (See Chilton, R., and Gagg, assignors.)
- Reed Propeller Co., The. (See Leak, Arthur H., assignor.)
- Reed Propeller Co., The. (See Shebat, Herbert V., assignor.)



- Reed, Raymond, assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Lock for holding gears on shafts. 2,047,706; July 14.
- Reed, Raymond E., assignor to The Kendall Company, Chicago, Ill. Chemical heating composition and chemically producing heat. 2,040,406; May 12.
- Reed, Raymond E., Oak Park, assignor to The Kendall Company, Chicago, Ill. Chemical heating composition. 2,040,407; May 12.
- Reed, Robert F., P. W. Dorst, and A. George, Cincinnati, Ohio, assignors to The Lithographic Technical Foundation, Inc., New York, N. Y. Removing colloids from lithographic printing surfaces. 2,062,273; Nov. 24.
- Reed, Robert M., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Soap stabilizer. 2,029,506; Feb. 4.
- Reed, Robert W., Aberdeen, S. Dak. Thread check for sewing machines. 2,055,945; Sept. 29.
- Reed, Roland K., assignor, by mesne assignments, to F. C. B. Page, trustee, New York, N. Y. Paper container. 2,053,298; Sept. 8.
- Reed, Roland K., assignor, by mesne assignments, to F. C. B. Page, as trustee, New York, N. Y. Forming paper containers. 2,053,299; Sept. 8.
- Reed Roller Bearing Bit Company. (See Harrington, George G., assignor.)
- Reed Roller Bit Company. (See Behnke, Guy E., assignor.)
- Reed Roller Bit Company. (See Childs, W. L., and Harrington, assignors.)
- Reed Roller Bit Company. (See Harrington, George G., assignor.)
- Reed Roller Bit Company. (See Pennington, John V., assignor.)
- Reed Roller Bit Company. (See Stokes, John C., assignor.)
- Reed Safety Signal System Inc. (See Reed, Daniel E., assignor.)
- Reed, Stephen A., Duxbury, assignor to Plymouth Cordage Company, North Plymouth, Mass. Rope. 2,061,483; Nov. 17.
- Reed Unit-Fans, Inc. (See Reed, Lyman C., assignor.)
- Reed, Whitman. (See Waugh, R. S., and Reed.)
- Reeder, Nathaniel S., New York, and J. G. Morrissey, Rye, N. Y., assignors to Pressed Steel Car Company, Pittsburgh, Pa. Container for bulk shipment of lading in less than carload lots. 2,055,838; Mar. 31.
- Reedy, Alfred J. (See Berry, F. K., and Reedy.)
- Reedy, Franklin G. (See Reedy, Melvin E., assignor.)
- Reedy, Melvin E., Tulsa, Okla., assignor to Franklin G. Reedy, Warren, Ind. Drill bit. 2,032,328; Feb. 25.
- Reel, Herbert W., Hinsdale, assignor to The United States Gypsum Co., Chicago, Ill. Ceiling construction. 2,044,101; June 16.
- Reel, Ralph M., assignor to The Pharis Tire and Rubber Company, Newark, Ohio. Pneumatic tire casing. 2,027,248; Jan. 7.
- Reerink, Engbert H., and J. H. de Boer, Eindhoven, Netherlands, assignors to N. V. Philips' Gloeilampenfabrieken. Electrode system having unsymmetrical conductivity. 2,041,569; May 19.
- Rees, Frank X., Albany, N. Y., assignor to General Railway Signal Company, Rochester, N. Y. Electrical circuit and relay therefor. 2,027,701; Jan. 14.
- Rees, Frank X., Albany, assignor to General Railway Signal Company, Rochester, N. Y. Power supply system. 2,062,274; Nov. 24.
- Rees, Hans, Sons, Inc. (See Rees, Louis du B., assignor.)
- Rees, Louis du B., assignor to Hans Rees' Sons, Inc., New York, N. Y. Method and apparatus for impregnating leather. 2,032,027; Feb. 25.
- Rees, Louis du B., assignor to Hans Rees' Sons, Incorporated, New York, N. Y. Impregnating apparatus. 2,032,028; Feb. 25.
- Rees Mfg. & Sales Corporation. (See Rees, Noland B., assignor.)
- Rees, Noland B., assignor to Rees Mfg. & Sales Corporation, Kansas City, Mo. Domestic press ironer. 2,038,237; Apr. 21.
- Rees, William H. (See Young, Leona E., assignor.)
- Rees, William H., Berkeley, Calif. Weighing apparatus. 2,055,730; Sept. 29.
- Reese, Frank, assignor to Reese Metal Weather Strip Co., Minneapolis, Minn. Weather strip. 2,066,188; Dec. 29.
- Reese, Harry D. (See Harris, W. R., and Reese.)
- Reese Metal Weather Strip Co. (See Reese, Frank, assignor.)
- Reese, Samuel, Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,042,731; June 2.
- Reese, Thomas S., Cleveland, Ohio. Decorative material. 2,035,760; Mar. 31.
- Reese, Thomas S., Cleveland, Ohio. Synthetic veneer and making same. 2,035,761; Mar. 31.
- Reese, Walter J., et al. (See Schmitt, Henry, assignor.)
- Reese, William M., Collingdale, Pa. Engine starter. 2,041,861; May 26.
- Reeve, Charles S., Leonia, N. J., assignor to The Barrett Company, New York, N. Y. Roofing element. 2,037,263; Apr. 14.
- Reever, Elijah E., Walla Walla, Wash. Sickie shield. 2,051,394; Aug. 18.
- Reeves, Donald H., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,039,188; Apr. 28.
- Reeves, Donald H., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,052,894; Sept. 1.
- Reeves, Donald H., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Dispensing apparatus. 2,054,485; Sept. 15.
- Reeves, Donald H., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,065,538; Dec. 29.
- Reeves, Edward D. (See Carrier, E. W., and Reeves.)
- Reeves, George C., assignor to Dryden Rubber Company, Chicago, Ill. Shelf supporting device. 2,036,884; Apr. 7.
- Reeves Manufacturing Company, The. (See Hunker, Martin L., assignor.)
- Reeves, Mark W., Clinton, Conn. Road edge determining guide. 2,046,581; July 7.
- Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Lubricator. 2,034,666; Mar. 17.
- Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Variable speed drive and control therefor. 2,043,008; June 2.
- Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Belt and making same. 2,054,339; Sept. 15.
- Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Spinning frame drive control. 2,063,462; Dec. 8.
- Reeves, Paul B., and H. E. Brooks, assignors to Reeves Pulley Company, Columbus, Ind. Automatic warp wind control for spinning frames. 2,065,197; Dec. 22.
- Reeves Pulley Company. (See Perry, William R., assignor.)
- Reeves Pulley Company. (See Reeves, Paul B., assignor.)
- Reeves Pulley Company. (See Reeves, P. B., and Brooks, assignors.)
- Reeves, Walter J., Glendale, Calif. Electric gas lighter. 2,037,148; Apr. 14.
- Reeves, William A. (See Tucker, O. M., and Reeves.)
- Reeves, William O. (See Munton, J. D., and Reeves.)
- Reffelt, Herman, Brooklyn, and C. Cagnon, New York, N. Y. Reinforced phonograph record. 2,042,631; June 2.
- Refining, Inc. (See Burns, Ralph E., assignor.)
- Refining, Inc. (See Clayton, Benjamin, assignor.)
- Refining, Inc. (See Thurman, B. H., Thomas, and Mattikow, assignors.)
- Refrigeration Research Corporation. (See Knight, Donald B., assignor.)
- Regal Shoe Company. (See Bliss, Elmer J., assignor.)
- Regal Shoe Company. (See Roberts, Charles R., assignor.)
- Regan, Charles, assignor of three-tenths to R. J. Petty, New York, N. Y. Stripping device for ironing machines. 2,053,350; Sept. 8.
- Regan, Joseph G., deceased, Schenectady, Margaret W. Regan, executrix, Whitestone, N. Y., assignor to General Electric Company. Signaling system and apparatus. 2,053,110; Sept. 1.
- Regan, Margaret W., executrix. (See Regan, Joseph G.)
- Regan, Michael C., Califon, N. J. Safe. 2,047,707; July 14.
- Regan, Richard J., Lynn, Mass. Making appliqué shoes. 2,049,175; July 28.
- Reganato, Joseph, Brooklyn, N. Y. Toilet paper dispenser. 2,038,447; Apr. 21.
- Regar, Howard S., Cleveland Heights, assignor to The Wovenright Knitting Co., Cleveland, Ohio. Knitting machine. 2,039,237; Apr. 28.
- Reger, Martin. (See Ewest, H., and Reger.)
- Reger, Martin. (See Gaidies, G., and Reger.)
- Reger, Martin. (See Pirani, M., and Reger.)
- Reger, Martin, and H. Straehler, Berlin, Germany, assignors to General Electric Company. Electric discharge device. 2,056,619; Oct. 6.
- Reggie, Christy, Queens Village, assignor to J. M. Connell Shoe Co., South Braintree, Mass. Shoe and insole therefor. 2,064,629; Dec. 15.
- Regina Corporation, The. (See Smith, B. P., and Lockwood, assignors.)
- Regnac-Paille, Georges, Charleroi, Belgium. Trolley and the like. 2,046,482; July 7.
- Rego, Charles E., East Boston, Mass. Safety device for manhole covers. 2,030,536; Feb. 11.
- Reh, Edward J., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Making lenses. 2,054,166; Sept. 15.
- Rehder, Henry E. and C. H. Calame, Denver, Colo. Child's toilet seat. 2,028,563; Jan. 21.
- Reher, Frederick W., Waterbury, assignor to Veeder-Root Incorporated, Hartford, Conn. Counting mechanism. 2,056,689; Oct. 6.
- Rehfs, Wilhelm, Stuttgart, Germany. Air and like filter. 2,065,871; Dec. 29.
- Rehling, Clifford A., assignor to Seeger Refrigerator Company, St. Paul, Minn. Refrigerator door. 2,031,068; Feb. 18.
- Rehm, Gustav A., assignor to Riley Stoker Corporation, Worcester, Mass. Steam generating furnace. 2,051,459; Aug. 18.
- Rehm, Hays, assignor to Western Paper Converting Company, Salem, Ore. Notebook binding. 2,028,994; Jan. 28.
- Rehmann, August, Dusseldorf, assignor to Deutsche Edelstahlwerke Aktiengesellschaft, Krefeld, Germany. Improvements, in or relating to magnets. 2,048,222; July 21.



- Rehnberg, Axel F., Rockford, assignor, *be mesne assignments*, to Borg-Warner Corporation, Chicago, Ill. Roller bearing assembling machine. 2,057,692; Oct. 20.
- Reiboldt, William P., Irvington, N. J., assignor of sixty per cent to K. I. Clisby, Montclair, N. J. Oil burner. 2,028,807; Jan. 28.
- Reich, Ernest. (See Govoroff, Alexander, assignor.)
- Reich, Ernest, Budapest, Hungary. Apparatus for measuring power factor. 2,036,958; Apr. 7.
- Reich, Ernest, Budapest, Hungary. Cooking equipment. 2,054,714; Sept. 15.
- Reich, Gustave T., Drexel Hill, Pa. Purifying yeast. 2,031,668; Feb. 25.
- Reich, Gustave T., Drexel Hill, Pa. Dehydrating esters. 2,031,669; Feb. 25.
- Reich, Gustave T., Philadelphia, Pa. Recovering non-sugars from saccharine materials. 2,031,670; Feb. 25.
- Reich, Gustave T., Anaheim, Calif. Producing fertilizer and charcoal from waste organic matter. 2,043,009; June 2.
- Reich, Gustave T., Philadelphia, Pa. Multiple effect distillation of alcohol-containing mediums. 2,053,111; Sept. 1.
- Reich, Samuel, Brooklyn, N. Y. Garment envelope. 2,054,661; Sept. 15.
- Reich, Walter A., Kansas City, and C. H. Smallwood, Brownington, Mo., said Smallwood assignor to said Reich. Apparatus for maintaining vegetables and the like in fresh condition. 2,055,731; Sept. 29.
- Reichard, Francis H., Bangor, Pa. Lawn rake. 2,032,954; Mar. 3.
- Reichard, Harry F., Columbus, Ohio. Concealed hinge. 2,056,805; Oct. 6.
- Reichard, Wade H., assignor to General Railway Signal Company, Rochester, N. Y. Electric propulsion railway signaling system. 2,035,405; Mar. 24.
- Reichard, Wade H., assignor to General Railway Signal Company, Rochester, N. Y. Inductive device for detecting the passage of railway vehicles. 2,045,923; June 30.
- Reichard, Wade H., assignor to General Railway Signal Company, Rochester, N. Y. Continuous inductive train control system. 2,045,924; June 30.
- Reichard, Wade H., assignor to General Railway Signal Company, Rochester, N. Y. Signaling system for railroads. 2,049,399; July 28.
- Reichart, William M. (See Tyler, R. S., and Reichart.)
- Reiche, Karl A. M., Dresden, Germany. Forming frame molds for the production of chocolates, candies, and the like. 2,062,608; Dec. 1.
- Reiche, Karl A. M., Dresden, Germany, assignor to T. C. Weygandt Company, New York, N. Y. Mold. 2,032,329; Feb. 25.
- Reichel, Ferdinand, assignor to National Folding Box Company, New Haven, Conn. Shipping and display container. 2,033,299; Mar. 10.
- Reichel, Ferdinand, assignor to National Folding Box Company, New Haven, Conn. Multiple container. 2,046,751; July 7.
- Reichel, Frank H., Fredericksburg, Va., assignor to Sylvania Industrial Corporation, New York, N. Y. Apparatus for moistureproofing materials. 2,053,781; Sept. 8.
- Reichel, Frank H., Fredericksburg, Va., assignor to Sylvania Industrial Corporation, New York, N. Y. Moistureproofing materials. 2,053,782; Sept. 8.
- Reichel, John, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Lyophilic biologically active substances, and producing the same. 2,066,302; Dec. 29.
- Reichel, Wladimir A., Philadelphia, Pa., and M. F. Ketay, Brooklyn, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Instrument for transmitting angular movement. 2,038,059; Apr. 21.
- Reichenbach, Howard F., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Adjustable lamp stand. 2,037,435; Apr. 14.
- Reichert Float & Manufacturing Company, The. (See Reichert, Paul F., assignor.)
- Reichert, George J., Lawrenceburg, Ind. Refrigerator. 2,048,892; July 28.
- Reichert, Joseph S., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Stabilizing hydrogen peroxide solutions with pyrophosphoric acid. 2,027,838; Jan. 14.
- Reichert, Joseph S., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Purification of hydrogen peroxide solutions. 2,027,839; Jan. 14.
- Reichert, Joseph S., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Direct process for making sodium perborate. 2,065,744; Dec. 29.
- Reichert, Joseph S., and A. G. Cole, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Bleaching sulphonated oils. 2,049,975; Aug. 4.
- Reichert, Joseph S., Niagara Falls, N. Y., and W. J. Sparks, Urbana, Ill., assignors to E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del. Leavening process. 2,051,745; Aug. 18.
- Reichert, Joseph S., R. W. McAllister, and W. S. Hinegardner, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Preserving. 2,053,740; Sept. 8.
- Reichert, Karl, Jr., assignor to Krauss & Reichert Spezialmaschinenfabrik und Apparatebau G. m. b. H., Stuttgart-Bad Canstatt, Germany. Cloth cutting machine. 2,049,823; Aug. 4.
- Reichert, Paul F., deceased, by A. R. Burgie, administratrix, assignor to The Reichert Float & Manufacturing Company, Toledo, Ohio. Flush tank float. 2,048,755; July 28.
- Reichhold Chemicals. (See Hovey, Almon G., assignor.)
- Reichhold, Helmuth. (See Hovey, Almon G., assignor.)
- Reichle, Hans, Bronx, assignor to Northam Warren Corporation, New York, N. Y. Applicator. 2,029,835; Feb. 4.
- Reichmann, Reinhold, Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Incandescent igniter. 2,030,937; Feb. 18.
- Reichmann, Reinhold, Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Making shaped bodies of nonplastic metallic oxides. 2,031,129; Feb. 18.
- Reichmann, Reinhold, Berlin, Germany, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Making compact bodies consisting of pure magnesium oxide or beryllium oxide. 2,033,300; Mar. 10.
- Reichmann, Reinhold, Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Examining the state of crystallization of calcined aluminum oxide. 2,058,178; Oct. 20.
- Reichstein, Tadeus, Zurich, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of 2-keto-levo-gulononic acid and product thereof. 2,039,929; May 5.
- Reichstein, Tadeus, Zurich, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. 3-Keto-acids of the sugar series and their anhydrides and manufacture of the same. 2,056,126; Sept. 29.
- Reichwald, Victor B. (See Helbig, Albin B., assignor.)
- Reid, Albert R., assignor to U S L Battery Corporation, Niagara Falls, N. Y. Terminal connector. 2,057,057; Oct. 13.
- Reid, Donald, Buffalo, N. Y. Closable container. 2,059,395; Nov. 3.
- Reid, Ebenezer E., Baltimore, Md., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of esters of unsaturated acids. 2,028,012; Jan. 14.
- Reid, Ebenezer E., Baltimore, Md., assignor to Hercules Powder Company, Wilmington, Del. Production of hydrogenated rosin and abietic acid and hydrogenated metal salts of rosin and abietic acid. 2,054,834; Sept. 22.
- Reid, Edgar E., Leacross, Saskatchewan, Canada. Cabinet section. 2,065,983; Dec. 29.
- Reid, Ernest W., Pittsburgh, Pa. Coating composition. 2,052,658; Sept. 1.
- Reid, Ernest W., Pittsburgh, Pa., assignor, *by mesne assignments*, to Union Carbide and Carbon Corporation. Producing vinyl resins. 2,064,565; Dec. 15.
- Reid, Forestus, Cincinnati, and H. Heitlage, St. Bernard, Ohio, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Labeling and wrapping machine. 2,028,920; Jan. 28.
- Reid, Frederick, Neasden, London, England. Fire alarm system. 2,052,057; Aug. 25.
- Reid, Glenn P., Vancouver, British Columbia, Canada. Display rack for golf clubs. 2,045,023; June 23.
- Reid, Irvin M. (See Knight, R. F., and Reid.)
- Reid, James A., and W. A. Schulze, assignors to Phillips Petroleum Company, Bartlesville, Okla. Purification of hydrocarbon oils. 2,058,720; Oct. 27.
- Reid, James J., San Francisco, Calif., assignor to Cyanide Generator Company, Inc., Portland, Oreg. Fumigating gas generator. 2,062,609; Dec. 1.
- Reid, James S., Shaker Heights, assignor to The Reid Products Company, Cleveland, Ohio. Blank for forming channels. 2,041,956; May 26.
- Reid, James S., Shaker Heights, assignor, *by mesne assignments*, to The Standard Products Company, Cleveland, Ohio. Rasp. 2,058,912; Oct. 27.
- Reid, John, Oil City, Pa. Combined coupling and safety device for power transmission shafts. 2,050,630; Aug. 11.
- Reid, John L. (See Brett, S. E., and Reid.)
- Reid, Katherine E., Providence, R. I. Creep eliminator for stockings. 2,054,137; Sept. 15.
- Reid, Kirk M., East Cleveland, and H. J. Chanon, Cleveland, Ohio, assignor to General Electric Company. Signal lamp. 2,060,637; Nov. 10.
- Reid, Leland E., South Pasadena, Calif. Relay motor. 2,028,845; Jan. 28.
- Reid, Marvin J., assignor to Eastman Kodak Company, Rochester, N. Y. Refining plasticizer. 2,053,532; Sept. 8.
- Reid, Marvin J., Rochester, N. Y., assignor, *by mesne assignments*, to Eastman Kodak Company, Jersey City, N. J. Refining of crude triphenyl-phosphate. 2,059,912; Nov. 3.
- Reid, Murdoch & Co. (See Canaday, Miron S., assignor.)
- Reid Products Company, The. (See Reid, James S., assignor.)
- Reid, Robert G., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Folding machine. 2,049,546; Aug. 4.



- Reid, Robert G., Jr., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for folding the margin of sheet material. 2,056,312; Oct. 6.
- Reid, Roswell F. (See Kyte, C. E., and Reid.)
- Reid, Thomas W., assignor to Bellingham Iron Works, Inc., South Bellingham, Wash. Door or closure fastener for retorts. 2,043,628; June 9.
- Reid, William G. (See Davidson, A., and Reid.)
- Reid, William M. (See Collins, R. D., Reid, and Bourne.)
- Reider, Louis. (See Wolf, M., and Reider.)
- Reif, Charles A., assignor to Reif-Rexoil, Inc., Buffalo, N. Y. Oil burner. 2,035,012; Mar. 24.
- Reif, John F., Chicago, Ill. Dust collector. 2,039,115; Apr. 28.
- Reif-Rexoil, Inc. (See Reif, Charles A., assignor.)
- Reifel, John W., Huntington Park, Calif. Machine for trenchless boring. 2,027,063; Jan. 7.
- Reiffenberg, Joseph H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric water heating system. 2,039,030; Apr. 28.
- Reiff, Orland M. (See Rather, J. B., Beard, and Reiff.)
- Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Compositions of matter and petroleum products and making same. 2,052,003; Aug. 25.
- Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Compositions of matter and petroleum products and making same. 2,061,008; Nov. 17.
- Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Compositions of matter and petroleum products and making same. 2,062,676; Dec. 1.
- Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Compositions of matter and petroleum products and making same. 2,062,677; Dec. 1.
- Reiff, Orland M., and D. E. Badertscher, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil compositions and making same. 2,048,465; July 21.
- Reiff, Orland M., and D. E. Badertscher, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition and making same. 2,048,466; July 21.
- Reiffel, Isadore, Mount Vernon, N. Y. Treating fur. 2,048,030; July 21.
- Reiffenstein, Manfred, Vienna, Austria. Turbo-machine. 2,041,570; May 19.
- Reiger, Ernest W., and C. H. Hunt, Steubenville, Ohio. Sorting apparatus. 2,064,858; Dec. 22.
- Reiland, Ernest S. (See Reiland, Peter M. and E. S.)
- Reiland, Peter M. and E. S., assignors to Dunlap Corporation, St. Paul, Minn. Faucet. 2,034,420; Mar. 17.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Ornamentation. 2,028,013; Jan. 14.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Vanity case. 2,034,667; Mar. 17.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Necktie holder. 2,038,448; Apr. 21.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Bag. 2,042,682; June 2.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Setting jewels. 2,044,510; June 16.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Catalytic lighter. 2,052,111; Aug. 25.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Electroplating. 2,060,530; Nov. 10.
- Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Company. Vanity case construction. 2,066,226; Dec. 29.
- Reilly, Edward C., assignor to The Western Shade Cloth Company, Chicago, Ill. Demountable window shade assembly. 2,049,471; Aug. 4.
- Reilly, Eugene S. (See Emmons, Bert, assignor.)
- Reilly, Frank C., New York, N. Y. Electric sign controller. 2,028,521; Jan. 21.
- Reilly, Frank C., and J. W. Jones, New York, N. Y. Brake. 2,039,187; Apr. 28.
- Reilly, Frank J., assignor to Produce Conditioners, Inc., Miami, Fla. Process and apparatus for conditioning commodities. 2,061,329; Nov. 17.
- Reilly, John H. (See Grebe, J. J., Reilly, and Wiley.)
- Reilly, John H., assignor to The Dow Chemical Company, Midland, Mich. Production of alkyl halides. 2,031,228; Feb. 18.
- Reilly, John L., Claremont, N. H., assignor to Sullivan Machinery Company. Drill feeding mechanism. 2,047,224; July 14.
- Reilly, Peter C. (See Crowell, M. E., and Smith, assignors.)
- Reilly, Peter C. (See Derby, Ira H., assignor.)
- Reilly, Peter C. (See Derby, I. H., and Horner, assignors.)
- Reilly, Thomas A., Lakewood, assignor to H. & R. Products Company, Cleveland, Ohio. Hand-operated tool. 2,054,269; Sept. 15.
- Reiman, Oscar G. (See Sentman, William C., assignor.)
- Reimer, Phillip J., Neenah, Wis. Apparatus for and method of making paper. 2,023,952; Jan. 28.
- Reimherr, Philip, Troy, N. Y. Internal combustion engine. 2,064,082; Dec. 15.
- Rein, Hanns. (See Eisenhut, O., Rein, and Kaupp.)
- Rein, Hanns. (See von Weinberg, A., Rein, and Eisenhut.)
- Reinartz, John L., Manchester, Conn., assignor to Radio Corporation of America. Electron coupled generator and frequency multiplier. 2,055,881; Sept. 29.
- Reinartz, John L., Manchester, Conn., assignor to Radio Corporation of America. Oscillation generator. 2,058,260; Oct. 20.
- Reinartz, John L., and C. J. Huber, assignors to Cheney Brothers, South Manchester, Conn. Method of and apparatus for measuring the evenness of materials. 2,037,044; Apr. 14.
- Reinartz, Robert, assignor, by mesne assignments, to A. Wormser, Offenbach-on-the-Main, Germany. Separating sheet material. 2,064,851; Dec. 22.
- Reinbold, Robert, St. Paul, Minn. Dandelion collector. 2,036,540; Apr. 7.
- Reindel, Hans, Ludwigshafen-on-the-Rhine, and H. Krzikalla, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,034,247; Mar. 17.
- Reindel, Hans, Ludwigshafen-on-the-Rhine, H. Krzikalla, Mannheim, and W. Limbacher, Ludwigshafen-on-the-Rhine, Germany. Azo dyestuffs. 2,034,668; Mar. 17.
- Reinecke, Henry, Toronto, Ontario, Canada. Treating hydrocarbon fuels. 2,028,014; Jan. 14.
- Reinecker, J. E., A. G. (See Junge, Max, assignor.)
- Reineke, Josef H., Bochum, Germany. Automatic regulator. 2,055,087; Sept. 22.
- Reiner, Nickolaus, Gladstone, N. Dak. Grasshopper extermiator. 2,034,959; Mar. 24.
- Reiner, Otto, Rheinhausen/Niederrhein, Germany. Reversible regenerative furnace. 2,037,149; Apr. 14.
- Reiners, Wilhelm, and G. Kahlisch, Gladbach, assignors to W. Schlafhorst & Co., Gladbach, Rheydt, Germany. Yarn and thread tensioning mechanism for cop winding and like textile machines. 2,029,943; Feb. 4.
- Reiners, Wilhelm, Gladbach-Rheydt, and G. Kahlisch, Rheydt, assignors to W. Schlafhorst & Co., Gladbach-Rheydt, Germany. Apparatus for beaming yarn. 2,033,738; Mar. 10.
- Reiners, Wilhelm, and G. Kahlisch, assignors to W. Schlafhorst & Co., Gladbach-Rheydt, Germany. Bobbin changing device for pirn winding frames. 2,034,248; Mar. 17.
- Reiners, Wilhelm, and G. Kahlisch, assignors to W. Schlafhorst & Co., Gladbach-Rheydt, Germany. Cop winding machine. 2,034,355; Mar. 17.
- Reiners, Wilhelm, and G. Kahlisch, assignors to W. Schlafhorst & Co., Gladbach-Rheydt, Germany. Yarn tensioning device for textile machines. 2,034,356; Mar. 17.
- Reiners, Wilhelm, and G. Kahlisch, Gladbach-Rheydt, assignors to W. Schlafhorst & Co., Gladbach-Rheydt, Germany. Winding cop. 2,035,721; Mar. 31.
- Reiners, Wilhelm, and G. Kahlisch, assignors to W. Schlafhorst & Co., Gladbach-Rheydt, Germany. Winding machine with mechanical charging of bobbins. 2,040,023; May 5.
- Reiners, Wilhelm, and G. Kahlisch, assignors to W. Schlafhorst & Co., Gladbach-Rheydt, Germany. Cop winding machine. 2,045,202; June 23.
- Reiners, Wilhelm, and G. Kahlisch, assignors to W. Schlafhorst & Co., Gladbach-Rheydt, Germany. Winding machine. 2,045,872; June 30.
- Reiners, Wilhelm, and G. Kahlisch, assignors to W. Schlafhorst & Co., Gladbach-Rheydt, Germany. Cop spooling machine. 2,047,491; July 14.
- Reiners, Wilhelm, and G. Kahlisch, assignors to W. Schlafhorst & Co., Gladbach-Rheydt, Germany. Creeling winding frame. 2,052,895; Sept. 1.
- Reinert, Joseph F., Quakertown, Pa. Hosiery drier. 2,032,310; Feb. 25.
- Reinforced Paper Bottle Corporation. (See Koch, Lydia B., assignor.)
- Reinforced Paper Bottle Corporation. (See Koch, L. B., and Bodor, assignors.)
- Reinhard, George C. (See Amthor, F., and Reinhard.)
- Reinhard, Hugo, Oberhausen, assignor to Wilhelm Grillo Handelsgesellschaft, m. b. H., Hamborn, Germany. Treating zinc oxide. 2,053,249; Sept. 1.
- Reinhardt, John C. (See Jones, T. D., and Reinhardt.)
- Reinhardt, Joseph A., Peru, Ill., assignor to General Time Instruments Corporation, New York, N. Y. Alarm clock. 2,063,884; Dec. 8.
- Reinhardt, Louis W., Brockton, assignor to George E. Belcher Company, Stoughton, Mass. Hollow shoe form. 2,039,261; Apr. 28.
- Reinhardt, Louis W., Brockton, assignor to G. E. Belcher Company, Stoughton, Mass. Rebuilt shoe last and making the same. 2,045,309; June 23.
- Reinhardt, Louis W., Brockton, assignor to G. E. Belcher Company, Stoughton, Mass. Last centering device. 2,045,310; June 23.
- Reinhardt, Otto K. (See Baer, J. W., and Reinhardt.)
- Reinhardt, Otto K., Jamaica, N. Y., assignor to Bond Electric Corporation, Jersey City, N. J. Automatic polishing machine. 2,062,106; Nov. 24.
- Reinhardt, Otto K., Jamaica, N. Y., and J. W. Baer, Elmhurst, N. Y., assignors to Bond Electric Company, Jersey City, N. J. Dry cell. 2,062,107; Nov. 24.
- Reinhardt, Willard L., Shaker Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery. 2,030,716; Feb. 11.
- Reinhardt, Willard L., Shaker Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery. 2,030,717; Feb. 11.



- Reinhardt, Willard L., Shaker Heights, and L. E. Wells, Cleveland Heights, assignors to Willard Storage Battery Company, Cleveland, Ohio. Making microporous articles. 2,052,490; Aug. 25.
- Reinhardt, William. (See Erskine, M. E., and Reinhardt.)
- Reinhold, Baldwin. (See Abegg, Walter A., assignor.)
- Reinhold, Ernst, Leipzig, Germany, and J. M. Bing, New York, assignors to Photo Marketing Corporation, New York, N. Y. Photometer. 2,064,987; Dec. 22.
- Reinhold, John J., Marietta, Pa. Receptacle. 2,032,717; Mar. 3.
- Reininger, Christian C. F., Hempstead, assignor of one-half to W. Skobliski, Valley Stream, N. Y. Sheet counting and packaging machine. 2,049,022; July 28.
- Reinisch, Josef, et al. (See Ryba, Anton, assignor.)
- Reinoehl, Harry K., and J. Kuttler, Fort Wayne, Ind., assignors to International Harvester Company. Spring suspension. 2,065,094; Dec. 22.
- Reis, Alfred, Berlin-Lichterfelde, assignor to Pape & Co., G. m. b. H., Rahlstedt, Germany. Working up low valued materials such as pitch, acid sludge, and the like. 2,041,957; May 26.
- Reis, Arthur M., New York, N. Y. Undergarment. 2,027,987; Jan. 14.
- Reis, Curt F., Beloit, Wis., assignor to Fairbanks, Morse & Company, Chicago, Ill. Laminated structure. 2,028,411; Jan. 21.
- Reis, Curt F., Beloit, Wis., assignor to Fairbanks Morse & Company, Chicago, Ill. Magneto rotor assembly. 2,043,010; June 2.
- Reis, Curt F., Beloit, Wis., assignor to Fairbanks, Morse & Company, Chicago, Ill. Magneto-electric machine. 2,059,745; Nov. 3.
- Reis, John P. (See Harrall, E. R., and Reis.)
- Reis, Leonard W. (See Starr, J. W., and Reis.)
- Reis, Paul M., St. Louis, Mo. Railway track construction. 2,051,619. Aug. 18.
- Reisert, Fred W., Monmouth Junction, N. J. Rear vision device for vehicles. 2,065,745; Dec. 29.
- Reisig, Antoinette, Fords, N. J. Glass building unit. 2,059,489; Nov. 3.
- Reisig, Antoinette, Fords, N. J. Building unit. 2,059,490; Nov. 3.
- Reisman, Adolph, New York, N. Y. Closure for collapsible tubes. 2,038,130; Apr. 21.
- Reismann, Erik, Wolfen, Kreis Bitterfeld, and H. Wolff, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacturing anhydrous alkali polysulphides. 2,047,492; July 14.
- Reiss, Fred O., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Parchment paper and making the same. 2,041,485; May 19.
- Reiss, Winold, New York, N. Y. Creating and displaying decorative effects with light. 2,029,543; Feb. 4.
- Reiter, Daniel I., New York, N. Y., and J. H. Arthur, Providence, R. I.; said Arthur assignor to said Reiter. Buckle. 2,026,750; Jan. 7.
- Reiter, Harold J., Chicago, Ill. Radiator cover clip. 2,041,514; May 19.
- Reiter, Herman, Brooklyn, N. Y. Eyelet socket. 2,031,429; Feb. 18.
- Reith, Charles A., Pittsburgh, Pa. Apparatus for making artificial dentures. 2,043,394; June 9.
- Reitherman, Ralph W. (See Haskins, B. J., and Reitherman.)
- Reitmann, Joachim, Wuppertal Elberfeld, Germany, assignor to Winthrop Chemical Company Inc., New York, N. Y. Heterocyclic compounds. 2,057,978; Oct. 20.
- Reitmann, Joachim, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Pyridine derivatives and making the same. 2,064,945; Dec. 22.
- Reitmann, Joachim, and G. Hecht, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Pyridine derivatives and making them. 2,064,944; Dec. 22.
- Reitz, Heinrich, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Filter press. 2,048,352; July 21.
- Reliable Electric Company. (See Cook, J. B., and Fotsch, assignors.)
- Reliable Electric Co. (See Fotsch, William G., assignor.)
- Reliance Advertising Co. (See Lippold, Frederick A., assignor.)
- Reliance Electric & Engineering Company, The. (See Miller, Lloyd E., assignor.)
- Reliance Gauge Column Company, The. (See Brown, John R., assignor.)
- Reliance Gauge Column Company, The. (See Sams, Gearold E., assignor.)
- Reliance Varnish Company. (See Robertson, Benjamin G., assignor.)
- Reller, Edwin L., Central Township, St. Louis County, assignor to D. O. Royster, Overland, Mo. Keyboard mechanism. 2,045,873; June 30.
- Rembert, Ernest W., Plainfield, assignor of three-fourths to Tide Water Oil Company, Bayonne, N. J. Treating hydrocarbon oils. 2,039,981; May 5.
- Remelé, Adolf. (See Renschler, E., and Remelé.)
- Rementer, Lewis L. (See Feddern, C. O., Rementer, and Scott.)
- Remy, John T., New York, N. Y. Column for sky writing. 2,065,024; Dec. 22.
- Remick, Walter L., Hazleton, Pa., assignor to Hydrotator Company, Cleveland, Ohio. Apparatus for separating mixed materials. 2,033,008; Mar. 3.
- Remick, Walter L., Hazleton, Pa., assignor to Hydrotator Company, Cleveland, Ohio. Separating mixed materials. 2,052,004; Aug. 25.
- Remington Arms Company. (See Burns, James E., assignor.)
- Remington Arms Company. (See Brün, Willi, assignor.)
- Remington Arms Company. (See Dicke, Allen A., assignor.)
- Remington Arms Company. (See Garrison, George H., assignor.)
- Remington Arms Company. (See Loomis, Crawford C., assignor.)
- Remington Arms Company. (See Weale, Alfred, assignor.)
- Remington Arms Company. (See Wharton, Thomas E., assignor.)
- Remington Arms Company. (See Woodford, Watson H., assignor.)
- Remington, Charles, Liverpool, England, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Remote control systems. 2,049,621; Aug. 4.
- Remington, Joseph P., assignor to Stokes and Smith Company, Philadelphia, Pa. Folding towels. 2,034,771; Mar. 24.
- Remington Rand Inc. (See Dodge, Elbert S., assignor.)
- Remington Rand Inc. (See Dodge, E. S., and Philbin, assignors.)
- Remington Rand Inc. (See Dreher, Elmer H., assignor.)
- Remington Rand Inc. (See Goerlitz, Hans, assignor.)
- Remington Typewriter Company. (See Hart, Frederick, assignor.)
- Remington Rand Inc. (See Hutchings, Le Roi E., assignor.)
- Remington Rand Inc. (See Jung, Norbert A., assignor.)
- Remington Rand Inc. (See Kuhlman, W., and Becker, assignors.)
- Remington Rand Inc. (See Lasker, William W., assignor.)
- Remington Rand Inc. (See Mehan, Thomas O., assignor.)
- Remington Rand Inc. (See Mixer, Harold P., assignor.)
- Remington Rand Inc. (See Myers, Edward R., assignor.)
- Remington Rand Inc. (See Phelps, Joseph, assignor.)
- Remington Rand Inc. (See Pierce, Silas W., assignor.)
- Remington Rand Inc. (See Rand, J. H., Jr., and Lasker, assignors.)
- Remington Rand Inc. (See Seymour, Arthur C., assignor.)
- Remington Rand Inc. (See Shepard, Herbert C., assignor.)
- Remington Typewriter Company. (See Benner, Russell E., assignor.)
- Remington Typewriter Company. (See Going, George G., assignor.)
- Remington Typewriter Company. (See Phelps, Joseph, assignor.)
- Remmers, Walter E., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Making brittle metals or alloys. 2,049,927; Aug. 4.
- Remondy, Leon E., Paris, France. Fuse for projectiles. 2,047,884; July 14.
- Rémondy, Léon E., Paris, France. Percussion fuse for projectiles, bombs and the like. 2,054,510; Sept. 15.
- Rempp, Paul R. (See Jenkins, A., Day, and Rempp.)
- Remy, Theron P., Los Angeles, Calif., assignor to The Texas Company, New York, N. Y. Insecticide and fungicide. 2,045,925; June 30.
- Remy, Theron P., Los Angeles, Calif., assignor to The Texas Company, New York, N. Y. Insecticide and fungicide. 2,046,181; June 30.
- Renault, L. N., & Sons, Inc. (See Buck, H. G., and Aspen, assignors.)
- Renault, Louis. (See Saives, Leon, assignor.)
- Renchite Spring Nut Company. (See Bergstrom, William A., assignor.)
- Rendleman, Hamer C., and W. F. Hoffman, Aliquippa, assignors to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Rolling mill guide. 2,033,649; Mar. 10.
- Rendleman, Julius, Alto Pass, assignor to Fruit Growers Package Company, Jonesboro, Ill. Package. 2,054,044; Sept. 8.
- Rendleman, William N., Edgeworth, assignor to Spang, Chalfant & Co., Inc., Pittsburgh, Pa. Method and apparatus for descaling metal. 2,058,388; Oct. 20.
- Rendoff, Philip S., Toledo, Ohio. Cement block. 2,029,586; Feb. 4.
- Renegar, David H., Florence, Ala. Churn dasher mechanism. 2,045,334; June 23.
- Renfrew, Alice G. (See Cretcher, L. H., Butler, and Renfrew.)
- Renfrew, Alice G. (See Cretcher, L. H., Nelson, Butler, and Renfrew.)
- Renfrew, Archibald, Giffnock, Scotland, assignor to Imperial Chemical Industries Limited. Manufacture of thermoplastic resinous materials. 2,035,190; Mar. 24.
- Renfrew, Paul B., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Purifying insulating and lubricating oils. 2,062,933; Dec. 1.
- Renfrew, Paul B., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Dehydrating oils. 2,062,934; Dec. 1.
- Renfrew, Paul B., and L. E. Marsh, assignors to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Reclamation of absorption oil. 2,048,140; July 21.



- Renfro, Jack C., et al. (See Hyde, E. C., Jr., and Renfro.)  
 Renfro, Daniel J., Thomasville, Ga. Machine for inserting bottles, etc., into tight fitting bags. 2,031,005; Feb. 18.  
 Renfro, James D., Old Hickory, Tenn., assignor to du Pont Rayon Company, New York, N. Y. Bucket. 2,045,252; June 23.  
 Renholdt, John E. (See Beard, T. H., and Renholdt.)  
 Renholdt, John E. (See Beard, T. H., Norton, and Renholdt.)  
 Renholdt, John E., Bridgeport, Conn., assignor to Dictophone Corporation, New York, N. Y. Dictating machine. 2,040,781; May 12.  
 Renholdt, John E., Bridgeport, Conn., assignor to Dictophone Corporation, New York, N. Y. Rack. 2,051,420; Aug. 18.  
 Renholdt, John E., Bridgeport, Conn., assignor to Dictophone Corporation, New York, N. Y. Phonograph. 2,056,620; Oct. 6.  
 Renicke, Herman, St. Louis, Mo. Collapsible tube closure. 2,052,798; Sept. 1.  
 Renken, Harry J., Evanston, Ill., and F. P. Thieman, Tulsa, Okla.; said Renken, assignor to Fairbanks, Morse & Company, Chicago, Ill. Pump. 2,045,024; June 23.  
 Rennekamp, Clarence J., Silverton, Ohio, assignor to Auto Vehicle Parts Company, Newport, Ky. Clip fastener for automobile radiator covers. 2,047,708; July 14.  
 Renner, Alfred, Berlin-Tegel, Germany, assignor to General Electric Company. Reversing mechanism for power engines. 2,042,551; June 2.  
 Renner, Maynard S. (See Tucker, G. R., Kennedy, and Renner.)  
 Reno, Emile, Chabreloche, France. Internal combustion engine. 2,058,505; Oct. 27.  
 Reno, Fred A., Gary, Ind. Electric fitting. 2,056,806; Oct. 6.  
 Reno, Robert E. Jr., Portsmouth, Ohio, assignor to Wheeling Steel Corporation, Wheeling, W. Va. Electric sheet. 2,042,124; May 26.  
 Renold and Coventry Chain Company Limited, The. (See Taylor, R., and Byrom, assignors.)  
 Renschler, Eugen, Rheinfelden, and A. Remelé, Sandersdorf, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Process and apparatus for the manufacture of bleaching powder. 2,032,632; Mar. 3.  
 Renshaw, Paul, New York, assignor to General Railway Signal Company, Rochester, N. Y. Lock for railway spring switches. 2,027,702; Jan. 14.  
 Renshaw, Raemer R., New York, and E. T. Tisza, and B. F. Duesel, Yonkers, assignors to The Pyridium Corporation, Nepera Park, N. Y. Medicinal azo compounds. 2,030,896; Feb. 18.  
 Renshaw, Raemer R., New York, and E. T. Tisza, and B. F. Duesel, Yonkers, assignors to The Pyridium Corporation, Nepera Park, N. Y. Medicinal monoazo compounds. 2,030,897; Feb. 18.  
 Renstrom, Carl W., Omaha, Nebr. Hair curler. 2,047,709; July 14.  
 Rentschler, Harvey C., East Orange, N. J., assignor to Westinghouse Lamp Company. X-ray intensity meter. 2,037,924; Apr. 21.  
 Rentschler, Harvey C., East Orange, N. J., assignor to Westinghouse Lamp Company. Apparatus for measuring radiations. 2,037,925; Apr. 21.  
 Rentschler, Harvey C., and J. W. Marden, East Orange, N. J., assignors to Westinghouse Lamp Company. Ultra violet lamp. 2,042,963; June 2.  
 Rentschler, Mahlon J., Willoughby, Ohio. Refractory. 2,057,348; Oct. 13.  
 Rentschler, Mahlon J., Willoughby, Ohio. Refractory. 2,057,349; Oct. 13.  
 Rentschler, Mahlon J., Willoughby, assignor to The Hamilton Laboratories, Inc., Hamilton, Ohio. Preparing phenyl-mercury acetate. 2,050,018; Aug. 4.  
 Renu Parts Corporation. (See Covert, Martin B., assignor.)  
 Renwick, Herbert P., assignor to Howard F. Leopold, Chicago, Ill. Fuse-making machine. 2,043,838; June 9.  
 Renwick, William R., Elizabeth, N. J., Door mounting. 2,059,143; Oct. 27.  
 Reo Motor Car Company. (See Thomas, H. T., and Hays, assignors.)  
 Reohr, John H., Jamaica, N. Y. Holder for razor blades. 2,038,385; Apr. 21.  
 Replogle, Charles N., assignor to Flood City Brass & Electric Company, Johnstown, Pa. Splicer. 2,043,709; June 9.  
 Replogle, Daniel B., Berkeley, Calif., assignor to Citizens Trust Company, Toledo, Ohio, as trustee. Combined wax applicator, polisher, and carpet sweeper. 2,051,058; Aug. 18.  
 Replogle, Delbert E., Leonia, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Transmitting visual representations in colors. 2,055,557; Sept. 29.  
 Replogle, James B., Detroit, Mich. Harmonic compressor. 2,054,097; Sept. 15.  
 Replogle, John R., Detroit, assignor, by mesne assignments, to Copeland Refrigeration Corporation, Mount Clemens, Mich. Refrigerant compressing unit. 2,035,276; Mar. 24.  
 Replogle, John R., assignor to Kelvinator Corporation, Detroit, Mich. Automatic control for refrigerating apparatus. 2,038,198; Apr. 21.  
 Replogle, John R., Detroit, assignor, by mesne assignments, to Copeland Refrigeration Corporation, Mount Clemens, Mich. Inwardly removable refrigeration unit. 2,057,447; Oct. 13.  
 Replogle, Luther I., Oak Park, Ill. Time-finder device. 2,059,031; Oct. 27.  
 Reppe, Walter, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Vinyl esters of carboxylic acids and their production. 2,066,075; Dec. 29.  
 Reppe, Walter, and E. Keyssner, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Condensation product. 2,027,199; Jan. 7.  
 Reppe, Walter, and W. Wolff, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing vinyl ethers. 2,066,076; Dec. 29.  
 Reppe, Walter, and E. Keyssner, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of N-vinyl compounds. 2,066,160; Dec. 29.  
 Reppert, Richard V., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,045,997; June 30.  
 Reppert, Roy R. (See Bentley, M. R., and Reppert.)  
 Republic Flow Meters Company. (See Spitzglass, Albert F., assignor.)  
 Republic Flow Meters Company. (See Spitzglass and Handwerk, assignors.)  
 Republic Metalware Company. (See De Matteis, Alfredo, assignor.)  
 Republic Metalware Company. (See Morrison, Harry S., assignor.)  
 Republic Metalware Company, The. (See Padelford, Lester E., assignor.)  
 Republic Steel Corporation. (See Baker, H. C., and Peterson, assignors.)  
 Republic Steel Corporation. (See Berk, Elmore R., assignor.)  
 Republic Steel Corporation. (See Burke, Earl I., assignor.)  
 Republic Steel Corporation. (See Carswell, F. L., and Schmidt, assignors.)  
 Republic Steel Corporation, The. (See Farnsworth, Walter M., assignor.)  
 Republic Steel Corporation. (See Hise, George L., assignor.)  
 Republic Steel Corporation. (See Jenkins, David E., assignor.)  
 Republic Steel Corporation, The. (See Kelvie, James D., assignor.)  
 Republic Steel Corporation, The. (See Leventry, Roy L., assignor.)  
 Republic Steel Corporation. (See O'Neill, William T., assignor.)  
 Republic Steel Corporation, The. (See Walker, George G., assignor.)  
 Republic Steel Corporation. (See Wheeler, Stephen W., assignor.)  
 Re Qua, Frederick L., assignor to Steel-Weld Equipment Corporation Ltd., San Francisco, Calif. Welding apparatus. 2,066,123; Dec. 29.  
 Research Corporation. (See Gilbert, Chester G., assignor.)  
 Research Corporation. (See Hedberg, C. W. J., and Hesson, assignors.)  
 Research Corporation. (See Van de Graaff, Robert J., assignor.)  
 Research Corporation. (See Williams, R. R., and Waterman, assignors.)  
 Resek, Jules V. (See Davies, L. L., Resek, and Carson.)  
 Resek, Marc. (See Chadwick, L. S., Resek, and Dahlstrom.)  
 Resek, Marc. (See Chadwick, L. S., Resek, and Kessler.)  
 Resek, Marc, Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Refrigerating system and method. 2,045,053; June 23.  
 Resek, Marc, Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Intermittent absorption refrigerating system. 2,045,054; June 23.  
 Resines et Vernis Artificiels (Societe Anonyme). (See Meunier, Pierre, assignor.)  
 Resinous Products & Chemical Co. Inc., The. (See Bruson, Herman A., assignor.)  
 Resinous Products & Chemical Company, The. (See Bruson, H. A., and Stein, assignors.)  
 Resinous Products & Chemical Co., The. (See Sändig, Kurt, assignor.)  
 Resinox Corporation. (See Gabriel, Charles L., assignor.)  
 Resinox Corporation. (See Irely, Kenneth M., assignor.)  
 Resinox Corporation. (See Irely, K. M., and Swallen, assignors.)  
 Resinox Corporation. (See Sturken, Oswald, assignor.)  
 Resinox Corporation. (See Sturken, O., and Woodruff, assignors.)  
 Resinox Corporation. (See Swallen, Lloyd C., assignor.)  
 Resistelite Corporation. (See Magdziarz, George F., assignor.)  
 Resnick, Julius, Brooklyn, N. Y. Display bag. 2,055,852; Sept. 29.  
 Resnik, Ernest D. (See Telson, D., and Resnik.)  
 Respats, Inc. (See Pollock, Robert T., assignor.)  
 Respass, Roland B. (See Hanley, A. J., and Respass.)  
 Respro Inc. (See Hanley, Albert J., assignor.)  
 Respro Inc. (See Hanley, A. J., and Respass, assignors.)



- Respro, Inc. (See Nanfeldt, Ernest, assignor.)
- Ressler, Hugh C., and M. P. Wilder, assignors, by mesne assignments, to Radio Inventions, Inc., New York, N. Y. Control of electron streams. 2,060,825; Nov. 17.
- Ressler, Ralph E., Bridgeport, Conn., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission circuit. 2,038,199; Apr. 21.
- Retallack, John B. (See Hurst, G. A., and Retallack.)
- Retailian, Henry H. (See Kyrides, L. P., and Retailian.)
- Retter, Walther. (See Hermann, T., Seydel, and Retter.)
- Rettman, Carl A., Wichita Falls, Tex. Wind propelled tractor. 2,047,155; July 7.
- Rettstadt, Hugo, Aldan, Pa. Tool handle fastening. 2,029,794; Feb. 4.
- Retz, William B. (See Brown, R. S., and Retz.)
- Reukauf, Edward, Jr., and W. J. Stuber, assignor to Carey-McFall Co., Philadelphia, Pa. Awning frame. 2,066,227; Dec. 29.
- Reumann, Christian H., Olney, assignor to The Philadelphia Drying Machinery Company, Philadelphia, Pa. Fan units for drying machines. 2,047,156; July 7.
- Reuss, Viktor, Geislingen-Altenstadt, assignor to firm Württembergische Metallwaren-fabrik, Aktiengesellschaft, Geislingen-Steige, Germany. Electrodeposited cooking utensil. 2,034,057; Mar. 17.
- Reuss, Werner, and F. Weltes, Dusseldorf-Benrath, assignors to the firm Henkel & Cie Gesellschaft mit beschränkter Haftung, Dusseldorf, Germany. Corrosion-preventing substance. 2,050,122; Aug. 4.
- Reuter, Raymond. (See Geniesse, J. C., and Reuter.)
- Reuter, William J., Meadville, Pa., assignor to Hookless Fastener Company. Slide fastener. 2,041,149; May 19.
- Reuter, William P., assignor of fifty per cent to C. W. McKeaken, Marion, Ill. Automatic coal sampler. 2,033,549; Mar. 10.
- Reuther, Frank G., assignor to H. C. Aberle Company, Philadelphia, Pa. Decurling attachment for hosiery seaming machines. 2,054,002; Sept. 8.
- Reuther, John, East Aurora, N. Y. Potato planter. 2,013,547; Feb. 18.
- Reutter, Frederick R., assignor to Scovill Manufacturing Company, Waterbury, Conn. Slide buckle. 2,064,447; Dec. 15.
- Reutter, Philip A., assignor to Scovill Manufacturing Co., Waterbury, Conn. Liquid dispenser. 2,032,550; Mar. 3.
- Reutter, Philip A., assignor to Scovill Manufacturing Company, Waterbury, Conn. Dispenser. 2,045,926; June 30.
- Reutter, Philip A., assignor to Scovill Manufacturing Company, Waterbury, Conn. Lipstick holder. 2,064,556; Dec. 15.
- Revelation Patents Holding Company. (See Ruben, Samuel, assignor.)
- Revere Copper and Brass Incorporated. (See Bunn, Edward S., assignor.)
- Revere Copper and Brass Incorporated. (See Wilkins, Richard A., assignor.)
- Revers, Peter J., Detroit, Mich. Closet seat operator. 2,042,276; May 26.
- Rewald, Bruno A., Hamburg, Germany, assignor, by mesne assignments, to American Lecithin Company, Cleveland, Ohio. Production of a lecithin nutrient material. 2,039,739; May 5.
- Rex, Clarence R., Toledo, Ohio. Cement improver and method. 2,048,967; July 28.
- Rex-Hide, Incorporated. (See Kempel, Arthur B., assignor.)
- Rexair Corporation. (See Brock, Clarence A., assignor.)
- Rexrode, Hampton, M. See Bird, L. C., Rexrode, and Chappell.
- Rey, Fernand, Paris, France. Loader for refuse vehicles. 2,050,806; Aug. 11.
- Rey, John J., Portland, Oreg. Railway sleeper. 2,056,484; Oct. 6.
- Reyburn, John R., Fairfield, Conn., assignor to American Chain Company, Inc. Tire chain. 2,053,047; Sept. 1.
- Reynaud, Samuel C., assignor to Detroit Steel Products Company, Detroit, Mich. Window. 2,044,258; June 16.
- Reynhart, Arthur F. A., Velsen-Noord, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Production of halogenated organic compounds. 2,043,932; June 9.
- Reynolds, Albert H., assignor to Dearborn Chemical Company, Chicago, Ill. Tannin briquette containing a retarding agent. 2,045,335; June 23.
- Reynolds, Anita S., Greenwich, Conn. System of automatic integrating control. 2,062,251; Nov. 24.
- Reynolds, Blythe M., Utica, assignor to Heyden Chemical Corporation, New York, N. Y., and American Cyanamid Company, New York, N. Y. Effecting a constant temperature of a catalytic reaction. 2,042,632; June 2.
- Reynolds, Charles H. (See Anderson, A. E., and Reynolds.)
- Reynolds, Charles H., Malden, assignor to Albert & J. M. Anderson Manufacturing Company, South Boston, Mass. Electrical connection. 2,032,501; Mar. 3.
- Reynolds Corporation. (See Coddington, Edwin D., assignor.)
- Reynolds, Eddy R., Fredonia, N. Y. Tag holder for storage batteries. 2,051,345; Aug. 18.
- Reynolds, Fred L. (See Lowry, R. D., and Reynolds.)
- Reynolds, Frederick D. (See Myers, Eddie P., assignor.)
- Reynolds, Frederick W., Grantwood, N. J., assignor to American Telephone and Telegraph Company. Electron discharge device. 2,055,593; Sept. 29.
- Reynolds, H. L., et al. (See Smith, Ernest F., assignor.)
- Reynolds, Harold C., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rotary tool. 2,046,412; July 7.
- Reynolds, Harry H. (See Calcott, W. S., and Reynolds.)
- Reynolds, Henry T., Lombard, Ill., assignor to American Can Company, New York, N. Y. Display stand. 2,045,614; June 30.
- Reynolds, John N. (See Redmond, F. J., and Reynolds.)
- Reynolds, John N., Princeton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Crossbar switch. 2,040,334; May 12.
- Reynolds, John N., Greenwich, Conn., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,047,383; July 14.
- Reynolds, Joseph H. (See Blackmond, William C., assignor.)
- Reynolds, Joseph H., Cisco, Tex. Well packer. 2,043,492; June 9.
- Reynolds Manufacturing Company, The. (See Reynolds, W. G., and Schubach, assignors.)
- Reynolds, Marvin C., et al. (See Cahn, F. J., assignors, and Epstein.)
- Reynolds, Marvin C. (See Harris, B. R., and Reynolds.)
- Reynolds, Marvin C., et al. (See Joffe, Morris H., assignor.)
- Reynolds Metals Company. (See Moody, Virginus W., assignor.)
- Reynolds Metals Company. (See Price, Charles S., assignor.)
- Reynolds Metals Company. (See Stranahan, Robert P., assignor.)
- Reynolds Metals Company. (See Sunderhauf, Frederick A., assignor.)
- Reynolds, Neil B., Scotia, N. Y., assignor to General Electric Company. Composite glass container. 2,030,397; Feb. 11.
- Reynolds, R. J., Tobacco Company. (See Little, George H., assignor.)
- Reynolds, Ralph K., assignor to The Mallory Hat Company, Danbury, Conn. Hat machinery. 2,053,442; Sept. 8.
- Reynolds Research Corporation. (See Moody, Virginus W., assignor.)
- Reynolds Spring Company. (See Reed, Clair S., assignor.)
- Reynolds Spring Company. (See Sherman, J. D., Reed, and Currie, assignors.)
- Reynolds, Vernon P., Chicago, Ill. Controlling fuel of internal combustion engines. 2,035,191; Mar. 24.
- Reynolds, W. H., Company. (See Reynolds, William H.)
- Reynolds, Wellington G., and G. Schubach, assignors to The Reynolds Manufacturing Company, Holyoke, Mass. Book folding machine. 2,054,167; Sept. 15.
- Reynolds, William G. (See Gwaltney, P. A., and Reynolds.)
- Reynolds, William H., assignor of three-eighths to J. R. Sheehan and three-eighths to H. G. Veeder, doing business together with said W. H. Reynolds, Schenectady, under firm name of W. H. Reynolds Company, Albany, N. Y. Target. 2,039,552; May 5.
- Reynolds, William H., Silver Spring, Md., assignor to American Instrument Company, Washington, D. C. Thermostatic regulator. 2,064,946; Dec. 22.
- Reyrolle, A., & Company Limited. (See Leben, Henry, assignor.)
- Rhead, Clifton C., Detroit, and S. G. Szabo, Dearborn, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Industrial washing machine. 2,036,501; Apr. 7.
- Rheem Manufacturing Company. (See Evans, Llewellyn W., assignor.)
- Rheem Manufacturing Company. (See Evans, L. W., and Hamilton, assignors.)
- Rheem Manufacturing Company. (See Rheem, Richard S., assignor.)
- Rheem, Richard S., Oakland, Calif., assignor to Rheem Manufacturing Company. Container fitting. 2,031,351; Feb. 18.
- Rheem, Richard S., Oakland, Calif., assignor to Rheem Manufacturing Company, Richmond, Calif. Seal cap. 2,062,796; Dec. 1.
- Rhein-Scheide Gesellschaft für Ingenieurwesen m. b. H. (See Büchels, W., and Koppel, assignors.)
- Rheiner, Alfred, and J. Link, assignors to the firm "Chemical Works formerly Sandoz", Basel, Switzerland. Sulfonation of waxes. 2,044,399; June 16.
- Rheiner, Alfred, and J. Link, assignors to the firm "Chemical Works formerly Sandoz", Basel, Switzerland. Sulfonation of oils or their fatty acids. 2,044,400; June 16.
- Rheingans, William J., Milwaukee, and J. J. Ring, Wauwatosa, assignors to Allis-Chalmers Manufacturing Company, Milwaukee Wis. Making buckets for water wheels. 2,038,315; Apr. 21.
- Rheinische Metallwaren-und Maschinenfabrik. (See Kottmann, August, assignor.)
- Rheinische Metallwaren-und Maschinenfabrik. (See Romberg, Heinrich, assignor.)
- Rheinische Metallwaren-und Maschinenfabrik Sommerda Aktiengesellschaft. (See Kottmann, August, assignor.)
- Rheinische Metallwaren-und Maschinen-Fabrik Sommerda Aktiengesellschaft. (See Kottmann, August, assignor.)
- Rheinmetall-Borsig Aktiengesellschaft. (See Laermann, Kurt, assignor.)
- Rheinmetall-Borsig Aktiengesellschaft. (See Suess, Heinrich, assignor.)



- Rheinstrom, James A., assignor to The Karl Kiefer Machine Company, Cincinnati, Ohio. Filtermasse washer. 2,061,089; Nov. 17.
- Rhineland Paper Company. (See Dozier, Lewis, assignor.)
- Rhoades, Charles C., Beverly Hills, Calif. Brake lining stretcher. 2,033,739; Mar. 10.
- Rhoads, Albert E., assignor to Detroit Electric Furnace Company, Detroit, Mich. Electric furnace. 2,061,090; Nov. 17.
- Rhodes, Audsley V., Linden, N. J., assignor to Standard Oil Development Company. Dewaxing paraffin distillates. 2,035,406; Mar. 24.
- Rhodes, David E., Pittsburgh, Pa. Key case. 2,037,338; Apr. 14.
- Rhodes, Edmund O., Pittsburgh, Pa., assignor to American Tar Products Co., Inc. Treating road surfaces. 2,039,450; May 5.
- Rhodes, George I., Glen Ridge, N. J., assignor of one-half to Ford, Bacon & Davis, Inc., New York, N. Y., and one-half to Phillips Petroleum Company, Bartlesville, Okla. Safety system for pipe lines. 2,041,862; May 26.
- Rhodes, George I., Glen Ridge, N. J., assignor of one-half to Ford, Bacon & Davis, Inc., New York, N. Y., and one-half to Phillips Petroleum Company, Bartlesville, Okla. Safety system for pipe lines. 2,041,863; May 26.
- Rhodes, Herbert C., Portland, Oreg. Loaf divider. 2,034,772; Mar. 24.
- Rhodes, Howard E., Floral Park, assignor to Aerovox Corporation, Brooklyn, N. Y. Terminal structure. 2,061,981; Nov. 24.
- Rhodes, Luther, Montrose, Colo. Ground marking machine. 2,055,388; Sept. 22.
- Rhodin, Brodde E. F., Caldwell, N. J., assignor of one-half to A. H. Chitty, Sault Ste. Marie, Ontario, Canada, and one-half to D. Munroe, Belleville, N. J. Manufacture of sulphur dioxide. 2,031,504; Feb. 18.
- Rhokana Corporation Limited. (See Bosqui, Francis L., assignor.)
- Rhudy, Booker E. (See Blakeman, Benjamin F., assignor.)
- Riall, Troy A., Silvis, Ill. Carburetor mechanism. 2,040,185; May 12.
- Ribar, Peter, Pueblo, Colo. Shoe jack. 2,027,703; Jan. 14.
- Ribble, Chauncey H., Hackensack, N. J., and A. J. Heidt, Woodhaven, N. Y. Utility test lamp. 2,049,224; July 28.
- Ricard, Arthur P., Slater, Mo. Float valve. 2,040,272; May 12.
- Ricardo, Harry R., London, England. Control of the supply of liquid fuel to the air charge of internal combustion engines. 2,035,569; Mar. 31.
- Ricardo, Harry R., Pall Mall, London, England. Internal combustion engine of the liquid fuel injection type. 2,037,339; Apr. 14.
- Ricardo, Harry R., London, England. Internal combustion engine of the liquid fuel injection compression ignition type. 2,058,827; Oct. 27.
- Ricardo, Harry R., London, England. Internal combustion engine of the liquid fuel injection compression ignition type. 2,065,025; Dec. 22.
- Ricardo, Harry R., London, England. Internal combustion engine of the liquid fuel injection type. 2,066,228; Dec. 29.
- Ricards, Charles L. (See Isbell, J. A., and Ricards.)
- Ricards, Charles L. (See Jordhoy, H. C., and Ricards.)
- Ricci, Harry, Stapleton, N. Y. Siren. 2,041,431; May 19.
- Ricci, Massimo, assignor of one-half to A. Calarco, Seneca Falls, N. Y. Precision instrument. 2,030,320; Feb. 11.
- Rice, Alexander, Brooklyn, assignor to Juxto-Display Corporation, New York, N. Y. Display device. 2,028,522; Jan. 21.
- Rice, Charles D., Hartford, Conn. Railway car. 2,058,630; Oct. 27.
- Rice, Charles DeL., West Hartford, Conn. Universal joint. 2,026,997; Jan. 7.
- Rice, Charles L., Bruceton, Tenn. Cotton condenser. 2,061,952; Nov. 24.
- Rice, Charles M., assignor of one-half to C. Vincent, Everett, Wash. Table. 2,032,593; Mar. 3.
- Rice, Cyrus W., Pittsburgh, Pa. Boiler water conditioning. 2,046,308; June 30.
- Rice, Edgar W., New York, N. Y. Indexer and leaf protector. 2,039,116; Apr. 28.
- Rice, Edward, Jr., Croton-on-Hudson, N. Y., assignor to International Carbonic, Inc., Wilmington, Del. Refrigeration. 2,037,592; Apr. 14.
- Rice, Edward, Jr., Croton-on-Hudson, N. Y., assignor to International Carbonic, Inc., Wilmington, Del. Refrigeration. 2,061,776; Nov. 24.
- Rice, Edward, Jr., Croton-on-Hudson, New York, assignor to International Carbonic, Inc., Wilmington, Del. Refrigeration. 2,065,984; Dec. 29.
- Rice, Edward, Jr., Philadelphia, Pa., assignor to International Carbonic, Inc., Wilmington, Del. Method and apparatus for refrigeration. 2,055,158; Sept. 22.
- Rice, Edward, Jr., New York, N. Y., assignor to International Carbonic, Inc., Wilmington, Del. Refrigerator shipping container for container cars. 2,057,058; Oct. 13.
- Rice, Edward, Jr., assignor to International Carbonic, Inc., New York, N. Y. Method and apparatus for refrigeration. 2,065,985; Dec. 29.
- Rice, Edward, Jr., assignor to International Carbonic, Inc., New York, N. Y. Apparatus for refrigeration. 2,065,986; Dec. 29.
- Rice, Edward, Jr., assignor to International Carbonic, Inc., New York, N. Y. Apparatus for refrigeration. 2,065,987; Dec. 29.
- Rice, Frank E., Detroit, Mich. Faucet. 2,033,785; Mar. 10.
- Rice, Frank E., Detroit, Mich. Beer faucet. 2,041,371; May 19.
- Rice, Frank E., Detroit, Mich. Faucet. 2,058,631; Oct. 27.
- Rice, Frank E., assignor to American Tap Bush Company, Detroit, Mich. Tap and rod assembly. 2,033,786; Mar. 10.
- Rice, Frank E., assignor to American Tap Bush Company, Detroit, Mich. Tap for barrels. 2,043,491; June 9.
- Rice, Frank E., assignor to American Tap Bush Company, Detroit, Mich. Tap bush. 2,048,031; July 21.
- Rice, Frank E., assignor to American Tap Bush Company, Detroit, Mich. Faucet. 2,049,663; Aug. 4.
- Rice, Harold A., Ludlow, Mass. Distributing apparatus. 2,055,504; Sept. 29.
- Rice, Harold D., Barrington, R. I., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Printer's blanket. 2,027,322; Jan. 7.
- Rice, Harold de B. (See Linscott, C. E., and Rice.)
- Rice, Henry T. M. (See Alnett, L. L., Jr., and Rice.)
- Rice, Herbert C., assignor to General Motors Corporation, Detroit, Mich. Car heater. 2,026,655; Jan. 7.
- Rice, Hudson D., Jr., and J. M. Babb, Dallas, Tex. Engine or motor. 2,043,518; June 9.
- Rice, John A., Berkeley, Calif., assignor to The Bubblestone Company, Pittsburgh, Pa. Cellular cement and making the same. 2,053,342; Sept. 8.
- Rice, John V., Jr. Corporation. (See Rice, John V., Jr., assignor.)
- Rice, John V., Jr., Bordentown, N. J., assignor to J. V. Rice, Jr. Corporation, Philadelphia, Pa. Weighing and recording mechanism. 2,032,378; Mar. 3.
- Rice, Joseph, assignor of one-half to Elevator Company of America, Chicago, Ill. Elevator control device. 2,044,447; June 16.
- Rice, Owen R. (See Ebner, A. J., and Rice.)
- Rice, Owen R., assignor to Freyn Engineering Company, Chicago, Ill. Blast furnace construction. 2,040,532; May 12.
- Rice, Owen R., assignor to Freyn Engineering Company, Chicago, Ill. Blast furnace filling device. 2,050,379; Aug. 11.
- Rice, Owen R., assignor to Freyn Engineering Company, Chicago, Ill. Tuyères. 2,060,346; Nov. 10.
- Rice, Rienzi, assignor to Harrington & Richardson Arms Company, Worcester, Mass. Stock construction for firearms. 2,034,632; Mar. 17.
- Rice-Stix Dry Goods Co. (See Bebie, J., and Doelling, assignors.)
- Rice, Trew & Rice Co. Inc. (See Trew, James W., assignor.)
- Rice, Walter A., Yonkers, and F. G. Shinn, Bronxville, N. Y. Method and apparatus of weaving knotted fabrics. 2,041,864; May 26.
- Rice, Walter A., Yonkers, and F. G. Shinn, Bronxville, N. Y. Knotted tuft fabric and weaving same. 2,063,853; Dec. 8.
- Rice, Willis B., New York, N. Y., assignor, by mesne assignment, to The American Laundry Machinery Company, Cincinnati, Ohio. Garment or ironing press. 2,052,724; Sept. 1.
- Ricefield, Louis, Oak Park, Ill. Coupling. 2,034,000; Mar. 17.
- Ricefield, Louis, Oak Park, Ill. Coupling. 2,034,001; Mar. 17.
- Ricefield, Louis, Oak Park, Ill. Coupling. 2,034,002; Mar. 17.
- Rich, Charles A., Providence, R. I., assignor to Brown and Sharpe Manufacturing Company. Machine for fashioning articles successively from bar stock. 2,039,347; May 5.
- Rich, Charles A., Providence, R. I., assignor to Brown and Sharpe Manufacturing Company. Machine for fashioning articles successively from bar stock. 2,043,772; June 9.
- Rich, Charles A., Providence, R. I., assignor to Brown & Sharpe Manufacturing Company. Stock tube support. 2,062,727; Dec. 1.
- Rich, Chester A., assignor to The Rich Pump & Ladder Company, Cincinnati, Ohio. Ironing board. 2,030,537; Feb. 11.
- Rich, Chester A., and J. W. Richardson, assignors to The Rich Pump & Ladder Company, Cincinnati, Ohio. Collapsible ironing table. 2,043,335; June 9.
- Rich, Chester A., and J. W. Richardson, assignors to The Rich Pump & Ladder Company, Cincinnati, Ohio. Ironing board structure. 2,052,058; Aug. 25.
- Rich, George R., Battle Creek, Mich. Composite metal article of manufacture. 2,037,340; Apr. 14.
- Rich, George R., Battle Creek, Mich. Composite metal valve fabricating apparatus. 2,043,773; June 9.
- Rich, George R., Battle Creek, Mich. Form for use in fabricating motor valves. 2,045,799; June 30.
- Rich, Lloyd W., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,032,952; Mar. 3.
- Rich, Maurice, New York, N. Y. Apparatus for casting interlocking rings. 2,051,653; Aug. 18.



- Rich, Neville J., and A. E. Hunt, San Francisco, Calif. Beating machine. 2,036,502; Apr. 7.
- Rich, Paul C., assignor to Vapor Treating Processes Inc., Los Angeles, Calif. Treating metallic salt solutions. 2,028,473; Jan. 21.
- Rich Pump & Ladder Company, The. (See Rich, Chester A., assignor.)
- Rich Pump & Ladder Company, The. (See Rich, C. A., and Richardson, assignors.)
- Rich, Ronald U., Teaneck, N. J., assignor to American Car and Foundry Company, New York, N. Y. Mine car. 2,030,938; Feb. 18.
- Rich, Samuel A., Wichita, Kans., assignor of five per cent to W. S. Leu. Sign. 2,052,112; Aug. 25.
- Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Symmetrical component measuring instrument. 2,038,383; Apr. 21.
- Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Selective system. 2,049,319; July 28.
- Rich, Willard G., Rochester, N. Y. Lap table. 2,054,098; Sept. 15.
- Richalet, Paul, Bar-le-Duc, France. Electric furnace. 2,041,486; May 19.
- Richard, Anthony H., Alexandria, La. Sliding door. 2,051,421; Aug. 18.
- Richard, Charles D. (See Bieling, C. A., and Richard.)
- Richard, Charles F., assignor to Johnson Automatic Sealer Co., Ltd., Battle Creek, Mich. Carton sealing machine. 2,036,643; Apr. 7.
- Richard, Clare, Los Angeles, Calif., assignor to The Pyrate Corporation of Nevada. Apparatus for cleaning tanks and the like. 2,029,795; Feb. 4.
- Richard, Clement C., et al. (See Kain, Clifford H., assignor.)
- Richard, Clement C., assignor to Allied Products Corporation, Detroit, Mich. Drawing die. 2,060,690; Nov. 10.
- Richard, Leroy L., Visalia, Calif. Convertible table. 2,039,348; May 5.
- Richard, William E., Evansville, Ind. Lubricating system for compressors. 2,038,131; Apr. 21.
- Richards, Antonio, Providence, R. I. Liquid bag. 2,041,515; May 19.
- Richards, Carroll H., Stow, Mass. Power transmission mechanism. 2,039,451; May 5.
- Richards, Carroll H., Wellesley, Mass. Truck body handling system. 2,044,592; June 16.
- Richards, Carroll H., Wellesley, Mass. Theftproof compartment for buildings. 2,052,723; Sept. 1.
- Richards, Carroll H., Wellesley, Mass. Clutch. 2,065,244; Dec. 22.
- Richards Chemical Works, The. (See Mauersberger, Ernst A., assignor.)
- Richards Chemical Works, Inc., The. (See Kaplan, Philip, assignor.)
- Richards, Donald A., Yonkers, assignor to Vestalite Corporation, New York, N. Y. Flaming lighter. 2,036,885; Apr. 7.
- Richards, Harlan, Chicago, Ill. Spray system. 2,045,164; June 23.
- Richards, Harry, assignor to S. Wolf & Company, London, England. Percussive tool. 2,046,210; June 30.
- Richards, Harry W., Kew Gardens, N. Y. Train traffic control. 2,052,581; Sept. 1.
- Richards, Henry I., Washington, D. C. Vacuum cleaner dust bag. 2,039,741; May 5.
- Richards, Idris J., Pittsburgh, Pa. Agricultural apparatus. 2,063,828; Dec. 8.
- Richards, Joshua M., Brookline, Mass. Skylight or floor-light construction. 2,030,718; Feb. 11.
- Richards, Ralph G., Arlington, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio tube label. 2,049,867; Aug. 4.
- Richards, Samuel G., Des Moines, Iowa. Station indicator. 2,026,847; Jan. 7.
- Richards, Samuel H., Harpenden, England. Wire drawing machine. 2,045,726; June 30.
- Richards, Thomas T., St. Louis, G. M. Johns, Sappington, and E. K. Smith, Richmond Heights, assignors to Smithjohns, Inc., St. Louis, Mo. Pole-top fixture. 2,056,366; Oct. 6.
- Richards, Vernon J., Gary, Ind., and J. M. Werner, Aurora, Ill. Soap shredder. 2,030,182; Feb. 11.
- Richards-Wilcox Manufacturing Company. (See Heckman, John A., assignor.)
- Richards-Wilcox Manufacturing Company. (See Tamsitt, Joseph C., assignor.)
- Richards, Willard F., Depew, assignor to The Gould Coupler Company, New York, N. Y. Coupler. 2,031,617; Feb. 25.
- Richards, William F. (See Ungnade, O., and Richards.)
- Richards, William H., Dayton, Ohio. Camera shutter. 2,047,983; July 21.
- Richardson, Andrew J., Lubbock, Tex. Autoball and armored ball. 2,035,192; Mar. 24.
- Richardson, Andrew T. (See Kruse, J. F. W., Dawson, and Richardson.)
- Richardson, Annie, Los Angeles, Calif. Molar band. 2,030,227; Feb. 11.
- Richardson & Boynton Company. (See Lorenz, Harry H., assignor.)
- Richardson, Carl D. (See Smithers, E. E., and Richardson.)
- Richardson, Charles G., assignor to Parks & Woolson Machine Company, Springfield, Vt. Cloth finishing machine. 2,049,023; July 23.
- Richardson, Charles G., assignor to Builders Iron Foundry, Providence, R. I. Telemetric proportioning controllers. 2,059,145; Oct. 27.
- Richardson, Charles L., and A. P. Holden, assignors to H. N. De Witt, Toronto, Ontario, Canada. Phonograph mechanism. 2,029,119; Jan. 28.
- Richardson Company, The. (See Fisher, H. C., and Acus, assignors.)
- Richardson Company, The. (See Hottel, Louis W., assignor.)
- Richardson Company, The. (See Keller, Charles L., assignor.)
- Richardson Company, The. (See Overton, A. M., and Fisher, assignors.)
- Richardson Company, The. (See Rieser, Oliver O., assignor.)
- Richardson, Conrad, assignor to Ring Containers Limited, London, England. Lifting sheet material from a support or pile. 2,032,150; Feb. 25.
- Richardson, Dean R., New Kensington, Pa. Rock and coal auger. 2,045,725; June 30.
- Richardson, Donald E. (See Fischer, H. G., Muskat, and Richardson.)
- Richardson, Edgar C., Newport, Del., and M. J. Vittengl, Fairfield, Conn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for impregnating nonwoven fabrics. 2,060,897; Nov. 17.
- Richardson, Elmer C., assignor to Mole-Richardson, Inc., Los Angeles, Calif. Spot lamp. 2,057,278; Oct. 13.
- Richardson, Elmer C., assignor to Mole-Richardson, Inc., Los Angeles, Calif. Arc lamp. 2,060,347; Nov. 10.
- Richardson, Eugene M., Compton, Calif. Watchmaker's tool and method. 2,029,194; Jan. 28.
- Richardson, Frank M. (See Fallar, J., and Richardson.)
- Richardson, Frederick G. (See Nagy, James A., assignor.)
- Richardson, Frederick G., assignor to Briggs Manufacturing Company, Detroit, Mich. Fastener for trim panels and the like. 2,056,691; Oct. 6.
- Richardson, Harold A. (See Kampschulte, Josef, assignor.)
- Richardson, Harris P. (See Smith, Herschel D., assignor.)
- Richardson, Harry H., et al. (See Sturdevant, George L., assignor.)
- Richardson, Henry F., Northport, N. Y., assignor to A. Coggeshall and H. F. Richardson, trustees. Outlet. 2,042,633; June 2.
- Richardson, Henry H., Louisville, Ky. Apparatus for displaying aerial signs. 2,064,218; Dec. 15.
- Richardson, Henry K., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Burner control apparatus. 2,046,413; July 7.
- Richardson, Henry M., Marblehead, Mass., assignor to General Electric Company. Cover lock for rayon spinning buckets. 2,037,536; Apr. 14.
- Richardson, James A. (See Tassie, William O., assignor.)
- Richardson, Jesse W. (See Rich, C. A., and Richardson.)
- Richardson, John H., Melrose, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Attachment of soles to shoes. 2,042,483; June 2.
- Richardson, Led L., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,059,491; Nov. 3.
- Richardson, Linwood T., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Pressure moldable insulating compositions and method of making. 2,040,671; May 12.
- Richardson, Ralph P., Bombay, British India. Drafting of cotton and like fibers. 2,036,886; Apr. 7.
- Richardson, Robert and W. S. Bateman, Jr., East Liverpool, Ohio, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Centrifugal molding machine. 2,060,121; Nov. 10.
- Richardson, Robert P. (See Griffin, H. P. and Richardson.)
- Richardson, Rodney G. (See McCreary, Harold J., assignor.)
- Richardson, Rodney G., et al. (See McCreary, Harold J., assignor.)
- Richardson, Rodney G., Chicago, Ill. Starting and ignition system for explosive engines. 2,044,917; June 23.
- Richardson, Rodney G., and J. I. Bellamy, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Remote control system. 2,049,622; Aug. 4.
- Richardson, Roger W., Wilmington, Del. Continuous filter. 2,030,538; Feb. 11.
- Richardson Scale Company. (See Murray, Stanley G., assignor.)
- Richardson, Sidney, Hollywood, assignor of one-half to C. E. Boyd, Los Angeles, Calif. Producing orthodontic band brackets. 2,045,025; June 23.
- Richardson, Solon O., III. (See Howard, Melvin W., assignor.)
- Richardson, Stanley H., Detroit, Mich. Attachment for hydraulically operated dental chairs and the like. 2,063,122; Dec. 8.
- Richardson Taylor-Globe Corporation, The. (See Marx, Frank A., assignor.)
- Richardson, Thomas A., Verona, and C. W. Dawson, Oakmont, assignors to Woodings-Verona Tool Works, Verona, Pa. Head shaping machine. 2,029,388; Feb. 4.
- Richardson, William C., near Electra, Tex. Hydraulic continuous press. 2,057,312; Oct. 13.



- Richardson, William D., D. P. Grettie, and R. C. Newton, assignors to Swift & Company, Chicago, Ill. Stabilization of oils and fats. 2,031,069; Feb. 18.
- Richardson, William F., assignor of twenty-five per cent to J. K. Burney, and twenty-five per cent to C. S. Martz, Aurora, Mo. Automatic camera aperture. 2,046,926; July 7.
- Richart, Joy J., et al. (See Hyde, E. C., Jr., and Renfro, assignors.)
- Richbourg, James W., St. Augustine, Fla., assignor of one-half to Acme Machine Works, St. Augustine, Fla. Remote control by fluid transmission. 2,036,100; Mar. 31.
- Riche, Arthur L., Freeport, Ill. Multiport plate type valve. 2,047,131; July 7.
- Richer, Harry S., Chicago, Ill., assignor, by mesne assignments, to Melrose Products Co., Inc. Mechanical pencil. 2,046,582; July 7.
- Richert, Anthony M., Pittsburgh, Pa. Tooth powder dispenser. 2,054,522; Sept. 15.
- Richeson, Sanford E. (See Howard, J., and Richeson.)
- Richey, James A., New York, N. Y. Mat. 2,057,162; Oct. 13.
- Richfield Oil Company of California. (See Craig, W. A., and Griffith, assignors.)
- Richheimer, Isaac D. (See Masin, J., and Richheimer.)
- Richley, Elmer J., Cleveland, Ohio. Capillarimeter. 2,059,961; Nov. 3.
- Richman, David, New York, N. Y. Dog boot or galosh. 2,064,566; Dec. 15.
- Richman, Frances, Brooklyn, N. Y. Method of and apparatus for the intracapsular extraction of the crystalline lens of an eye. 2,033,397; Mar. 10.
- Richmond, Ernest, Chicago, Ill. Stamp canceller. 2,032,551; Mar. 3.
- Richmond Turbine Pump Co. Inc. (See Hamilton, Sylvester J., assignor.)
- Richter, Alfred, Berlin-Reinickendorf-Ost, Germany. Air conditioner. 2,044,330; June 16.
- Richter, Arthur, Berbisdorf Post Einsiedel, near Chemnitz, Germany. Flat knitting frame. 2,038,449; Apr. 21.
- Richter, Arthur, Chemnitz, Germany. Textile machinery. 2,057,313; Oct. 13.
- Richter, Emil, West Lawn, assignor to Textile Machine Works, Wyomissing, Pa. Method and mechanism for producing knitted fabric. 2,034,990; Mar. 24.
- Richter, Emil, Spring Crest Courts, assignor, by mesne assignments, to Textile Machine Works, Wyomissing, Pa. Yarn carrier stop device for straight knitting machines. 2,059,144; Oct. 27.
- Richter, Emil, Spring Crest Courts, and P. Schmidt, Wyomissing, Pa., assignors to Textile Machine Works, Wyomissing, Pa. Full fashioned knitting machine. 2,033,301; Mar. 10.
- Richter, Ernest W., Chicago, Ill. Control pedal. 2,040,672; May 12.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Cellulose pulp for esterification purposes and processing of same. 2,028,846; Jan. 28.
- Richter, George A., Berlin, assignor to Brown Company, Berlin, N. H. Manufacture of parchment papers. 2,030,469; Feb. 11.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Surface-finished paper. 2,031,854; Feb. 25.
- Richter, George A., Berlin, assignor to Brown Company, Berlin, N. H. Fiber-liberating process. 2,032,437; Mar. 3.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Paper manufacture. 2,033,481; Mar. 10.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Chemical purification and modification of cellulose fiber. 2,036,606; Apr. 7.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Paper making. 2,038,679; Apr. 28.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Cyclic process of treating alkaline pulps. 2,041,666; May 19.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Refining cellulose fiber for conversion into cellulose derivatives. 2,041,958; May 26.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Correlating chemical recovery in pulp mills operating with different kinds of liquors. 2,047,032; July 7.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Hydroxy cellulose ether solutions. 2,054,299; Sept. 15.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Preservation of cellulose xanthate. 2,054,300; Sept. 15.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Production of pulverulent cellulose. 2,054,301; Sept. 15.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Manufacture of chemically modified papers. 2,056,294; Oct. 6.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Preparation of solutions of hydroxy-cellulose ethers. 2,057,163; Oct. 13.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Fractured wood fiber product. 2,065,395; Dec. 22.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Chemical pulping process. 2,065,396; Dec. 22.
- Richter, George A., H. P. Vannah, and R. H. Rasch, assignors to Brown Company, Berlin, N. H. Clarification of cellulose ether solutions. 2,038,678; Apr. 28.
- Richter, George A., and M. O. Schur, assignors to Brown Company, Berlin, N. H. Manufacture of impregnated fiber articles. 2,045,410; June 23.
- Richter, George A., H. P. Vannah, Berlin, and D. H. McMurtrie, Gorham, assignors to Brown Company, Berlin, N. H. Preparation of solutions of hydroxy-cellulose ethers. 2,045,411; June 23.
- Richter, George A., and M. O. Schur, assignors to Brown Company, Berlin, N. H. Manufacture of absorbent cloth-like paper. 2,048,293; July 21.
- Richter, George A., and J. W. McKinney, assignors to Brown Company, Berlin, N. H. Activation of cellulose for conversion into cellulose derivatives. 2,064,384; Dec. 15.
- Richter, Hans. (See Geffcken, H., and Richter.)
- Richter, Hans R. (See Geffcken, H. H., and Richter.)
- Richter, Herman W., Bridgewater, Mass. Flooring material and making same. 2,026,594; Jan. 7.
- Richter, Johan C. F. C., Oslo, Norway. Mixing tank for fibrous material suspended in liquid. 2,047,595; July 14.
- Richter, Johann. (See Hensel, B., Hess, and Richter.)
- Richter, Kurt. (See Hofmann, H., and Richter.)
- Richter, Kurt. (See von Bosse, J., and Richter.)
- Richter, Max, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Knockover-bit control means for knitting machines. 2,053,225; Sept. 1.
- Richter, Max, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Lace mechanism for straight knitting machines. 2,059,806; Nov. 3.
- Richter, Max, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Yarn feeding mechanism for straight knitting machines. 2,063,000; Dec. 1.
- Richter, Robert, assignor to the firm of Carl Zeiss, Jena, Germany. Anastigmatic objective for photography and projection. 2,031,792; Feb. 25.
- Richter, Rudolf H. (See Geffcken, H. H., and Richter.)
- Richter, Walther, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Arc length indicator. 2,045,800; June 30.
- Richter, Walther, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Voltage indicator. 2,045,801; June 30.
- Richter, Walther, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Arc welding shield. 2,045,802; June 30.
- Richter, Walther, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Welding apparatus. 2,045,803; June 30.
- Richter, William F., assignor to Chemical Holding Corporation, Apollo, Pa. Recovery of carbon disulphide from viscose products. 2,035,981; Mar. 31.
- Richterkesing, Frank H., assignor to Nachod & United States Signal Co., Incorporated, Louisville, Ky. Connector. 2,047,384; July 14.
- Richterkesing, Frank H., assignor to Cheatham Electric Switching Device Company, Louisville, Ky. Trolley contactor. 2,057,448; Oct. 13.
- Rick, Edward L. (See Robinson, R. R., and Rick.)
- Rickard, Eric M., assignor to The Western Union Telegraph Company, New York, N. Y. Selective signaling device. 2,029,636; Feb. 4.
- Rickel, Clifford E., Mogadore, Ohio. Dispenser for powdered dentifrice. 2,062,610; Dec. 1.
- Rickenbacher, Robert J., Columbus, assignor to The Kilgore Mfg. Company, Westerville, Ohio. Machine gun. 2,039,930; May 5.
- Rickenbacher, Robert J., Columbus, assignor to The Kilgore Mfg. Company, Westerville, Ohio. Machine gun type pistol. 2,045,369; June 23.
- Ricker, Willard A., San Diego, Calif. Transmission device for wringer rolls. 2,032,813; Mar. 3.
- Rickerby, William J. (See Kranz, George, assignor.)
- Rickerson, Frank H., assignor to Teletype Corporation, Chicago, Ill. Mechanical coupling. 2,062,108; Nov. 24.
- Rickett, John J., Elmore, N. J., assignor to Boorum & Pease Company, Brooklyn, N. Y. Cover for loose leaf books. 2,030,765; Feb. 11.
- Rickles, Nathaniel H., Roselle, N. J., assignor to Standard Oil Development Company. Stabilizing dyed hydrocarbon liquids. 2,052,193; Aug. 25.
- Ricks, Fred. (See Mellerio, L. P., and Ricks.)
- Ricks, Fred, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Counter-shaping machine. 2,029,544; Feb. 4.
- Ricks, Fred, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Abrading machine. 2,030,153; Feb. 11.
- Ricks, Fred, and C. T. Jones, Leicester, England, assignors to United States Machinery Corporation, Paterson, N. J. Dust removing device. 2,028,847; Jan. 28.
- Ricks, Fred, H. E. Elliott and F. C. Choice, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,032,311; Feb. 25.
- Ricks, Fred, and H. E. Elliott, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting machine. 2,052,659; Sept. 1.
- Ric-wil Company, The. (See Gottwald, Christian, assignor.)
- Ricwil Company, The. (See Gottwald, C., and McLeish, assignors.)



- Riddell, John T., Chicago, Ill. Making leather balls. 2,034,249; Mar. 17.
- Riddell, John T., Chicago, Ill. Athletic shoe sole plate. 2,040,186; May 12.
- Riddell, William A., assignor to The General Engineering Company, Frederick, Md. Method and apparatus for controlling combustion in multiple and single retort stokers. 2,049,976; Aug. 4.
- Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic shutter. 2,051,225; Aug. 18.
- Riddell, William A., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Focal plane shutter. 2,058,506; Oct. 27.
- Riddick, William N., De Ridder, La. Post sizing and peeling machine. 2,031,903; Feb. 25.
- Riddle, Frank H. (See Jeffry, B. A., and Riddle.)
- Riddle, Frank H., Detroit, Mich., assignor to Champion Spark Plug Company, Toledo, Ohio. Electrical insulator and making the same. 2,045,494; June 23.
- Riddle, George W., Jr., Chillicothe, Mo. Adhesive tape severing clip. 2,042,360; May 26.
- Riddle, Parker, Pittsburgh, Pa. Window sash locking means. 2,031,791; Feb. 25.
- Riddle, Zelig, San Diego, Calif. Automatic variable pitch propeller. 2,054,947; Sept. 22.
- Riddock, Charles M., Andover, Mass. Shoe sole applying machine. 2,029,195; Jan. 28.
- Riddock, Charles M., Boston, Mass. Shoe. 2,032,665; Mar. 3.
- Rideout, John G. (See van Doren, H. L., and Rideout.)
- Rideout, John G., et al., trustees. (See Ellsworth, Charles K., assignor.)
- Rideout, Raymond V., Highland Park, Mich. Automobile dressing beach tent. 2,027,551; Jan. 14.
- Rider, Ernest G. (See Stokes, J. S., and Rider.)
- Rider, Ernest G., assignor to Stokes and Smith Company, Philadelphia, Pa. Adhesive applying mechanism. 2,028,878; Jan. 28.
- Rider, Ernest G., assignor to Stokes and Smith Company, Philadelphia, Pa. Box-forming system. 2,038,129; Apr. 21.
- Rider, Ernest G., and W. T. Bailey, Philadelphia, assignors to Stokes and Smoth Company, Summerdale, Philadelphia, Pa. Wrapping machine. 2,058,036; Oct. 20.
- Rider, John F. (See Kalencik, Paul, assignor.)
- Rider, Theodore H., Cincinnati, Ohio. Esters of phenyl-carbamic acid. 2,033,740; Mar. 10.
- Rider, Theodore H., assignor to The Wm. S. Merrell Company, Cincinnati, Ohio. Purifying ricinoleic acid. 2,045,727; June 30.
- Rider, Theodore H., and R. Shelton, Mariemont, assignors to The Wm. S. Merrell Company, Cincinnati, Ohio. Preparing benzoyl persulphide. 2,028,246; Jan. 21.
- Ridge, Raymond J., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for air conditioning apparatus. 2,048,711; July 28.
- Ridge Tool Company, The. (See Thewes, William O., assignor.)
- Ridgely Trimmer Company, The. (See Friermood, Charles L., assignor.)
- Ridgers, Frederick G., assignor to N. Slater Company, Limited, Hamilton, Ontario, Canada. Bridle ring for supporting telephone drop wires. 2,042,804; June 2.
- Ridgeway, Bruce, assignor to Mexico Auto Parts, Inc., Mexico, Mo. Transmission. 2,055,671; Sept. 29.
- Ridgway, Charles M., Midland, Mich., assignor to The Pure Oil Company, Chicago, Ill. Desulphurizing petroleum oils. 2,057,918; Oct. 20.
- Ridgway, Raymond R., and B. L. Bailey, Niagara Falls, N. Y., assignors to Norton Company, Worcester, Mass. Making boron carbide articles. 2,027,786; Jan. 14.
- Ridgway, Raymond R., and B. L. Bailey, Niagara Falls, N. Y., assignors to Norton Company, Worcester, Mass. Wire drawing die. 2,027,787; Jan. 14.
- Ridgway, Raymond R., and B. L. Bailey, Niagara Falls, N. Y., assignors to Norton Company, Worcester, Mass. Bearing. 2,027,788; Jan. 14.
- Ridler, Earl S. (See Perry, J. H., and Ridler.)
- Ridley, Ralph M., Whittier, assignor of one-fourth to W. N. Sutliff, and three-fourths to L. E. Johnson, Los Angeles, Calif. Casing perforating gun. 2,041,209; May 19.
- Ridley, William, Beeston, Nottingham, and P. H. Wilson, Nottingham, England. Manufacture of unchilled metallic castings by the centrifugal casting process. 2,066,229; Dec. 29.
- Riebe, August, Berlin-Schmoeckwitz, Germany. Journal bearing. 2,047,885; July 14.
- Riebe, August, Berlin-Schmoeckwitz, Germany. Journal bearing. 2,054,912; Sept. 22.
- Riebe, Theodore C., C. E. Lomax, Chicago, and H. F. Obergefell, River Forest, Ill., assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Program selecting system. 2,035,617; Mar. 31.
- Riebel, Frederick, Jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner. 2,027,249; Jan. 7.
- Riebel, Frederick, Jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner floor tool. 2,027,250; Jan. 7.
- Riebel, Frederick, Jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,057,594; Oct. 13.
- Riebel, Frederick, Jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,061,330; Nov. 17.
- Riebel, Frederick, Jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,064,856; Dec. 22.
- Riebel, Frederick, Jr., D. M. Dow, and L. W. Child, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,031,734; Feb. 25.
- Riebel, Frederick, Jr., and L. W. Child, Toledo, Ohio, assignors, by mesne assignments, to Aeriet Air Conditioner Company. Air conditioner. 2,041,959; May 26.
- Riebel, Frederick, Jr., and D. M. Dow, assignors, to Air-Way Electric Appliance Corporation, Toledo, Ohio. Method of cleaning. 2,058,632; Oct. 27.
- Riebel, Frederick, Jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,064,852; Dec. 22.
- Riebel, Frederick, Jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,064,853; Dec. 22.
- Riebel, Frederick, Jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,064,854; Dec. 22.
- Riebel, Frederick, Jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,064,855; Dec. 22.
- Riebel, Frederick, Jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,064,857; Dec. 22.
- Rieber, Frank, Inc. (See Metcalf, Herbert E., assignor.)
- Rieber, Frank, Los Angeles, Calif. Method and apparatus for recording elastic waves. 2,051,153; Aug. 18.
- Rieche, Alfred, Wolfen, Germany, assignor to General Aniline Works Inc., New York, N. Y. Polynuclear condensation products containing keto groups and producing same. 2,065,026; Dec. 22.
- Riecken, William E., Leonia, N. J., assignor to Standard Products Corporation, New York, N. Y. Separable fastener. 2,032,438; Mar. 3.
- Riedel, Walter W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Hydraulic shock absorber. 2,056,535; Oct. 6.
- Rieder, William, Lebanon, Ill. Electric liquid heater. 2,044,634; June 16.
- Riederer, Willibald, New York, N. Y. Paste dispenser. 2,065,825; Dec. 29.
- Rieff, John G., London, Wis. Garden tool. 2,064,448; Dec. 15.
- Riegel Paper Corporation. (See Borden, George C., Jr., assignor.)
- Riegel, Samuel S. (See Scudder, C. J., and Riegel.)
- Riegel Textile Corporation. (See Gray, Deckerd J., assignor.)
- Rieger, Oscar. (See Holland, Sidney S., assignor.)
- Rieger, Oscar, et al. (See Holland, S. S., Traugbber, and McVey, assignors.)
- Rieger, Otto C. (See Scully, R. T., and Rieger.)
- Rieger, William F., assignor, by mesne assignments, to C. T. S. Parsons, Salt Lake City, Utah. Drive for stokers. 2,039,031; Apr. 28.
- Rieger, William F., assignor, by mesne assignments, to Charles T. S. Parsons, Salt Lake City, Utah. Tuyère for stokers. 2,042,732; June 2.
- Riegler, Riewen, Buffalo, assignor to National Aniline & Chemical Co., Inc., New York, N. Y. Vapor phase oxidation. 2,030,800; Feb. 11.
- Riegler, Riewen, Buffalo, assignor to National Aniline and Chemical Company, New York, N. Y. Process and apparatus for dispensing pastes. 2,065,095; Dec. 22.
- Riehl, Frederick H., Sandusky, Mich. Ground rolling and pulverizing implement. 2,040,710; May 12.
- Riehl, Theodore A. (See Thies, H. R., and Riehl.)
- Riehlman, R. Walter. (See Greenmun, Leo S., assignor.)
- Rieker, John B., Akron, Ohio. Shock absorber. 2,038,680; Apr. 28.
- Rieman, Otto A. (See Mitchell, C. D., and Rieman.)
- Riemenschneider, Edmund W. (See Crowley, H. G., and Riemenschneider.)
- Riemenschneider, Edmund W. (See Orr, C. A., and Riemenschneider.)
- Riemenschneider, Ernest, assignor to The Midland Steel Products Company, Cleveland, Ohio. Apparatus for welding. 2,061,671; Nov. 24.
- Riemerschmid, Fritz, Heidenheim-on-the-Brenz, Germany. Motor vehicle. 2,061,290; Nov. 17.
- Rienks, George W., Denver, Colo. Surface wheel. 2,041,208; May 19.
- Ries, Emil D. (See Loder, D. J., and Ries.)
- Rieschick, Reinhold, New York, N. Y. Locking mechanism for accordions. 2,055,206; Sept. 22.
- Rieser, Oliver O., Oak Park, assignor to The Richardson Company, Lockland, Ohio. Molding process. 2,037,269; Apr. 14.
- Riesner, Benjamin, New York, N. Y. Ventilating device. 2,052,315; Aug. 25.
- Riester, Hubert, Collingswood, N. J. Screw cutting attachment for lathes. 2,044,635; June 16.
- Riesz, Kolman, Irvington, N. J. Toy or display device. 2,026,913; Jan. 7.
- Riesz, Robert R., Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Artificial larynx. 2,041,487; May 19.



- Riesz, Robert R., Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical artificial larynx. 2,056,295; Oct. 6.
- Riesz, Robert R., Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,062,478; Dec. 1.
- Rietz, Carl A., San Francisco, Calif. Macerator. 2,041,207; May 19.
- Rieu-Sicart, Jean, New York, N. Y. Electric light reflector. 2,049,930; Aug. 4.
- Riffe, William V., Chicago, Ill. Hair drier. 2,052,799; Sept. 1.
- Rigandi, Joseph R., Staten Island, N. Y. Built-in unit volume tuning antenna. 2,058,037; Oct. 20.
- Rigandi, Joseph R., Westerleigh, New York. Arch supporter. 2,063,625; Dec. 8.
- Rigandi, Joseph R., Staten Island, N. Y. Arch supporter. 2,065,290; Dec. 22.
- Rigby, George W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Carbohydrate derivatives and making the same. 2,033,787; Mar. 10.
- Rigby, George W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Substantially undegraded deacetylated chitin and producing the same. 2,040,879; May 19.
- Rigby, George W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of films and filaments and products thereof. 2,040,880; May 19.
- Rigby, George W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Emulsion. 2,047,225; July 14.
- Rigby, George W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process and chemical compounds derived therefrom. 2,047,226; July 14.
- Riggle, Clark H. and L. L., Nashport, Ohio. Steel cross-tie for railroads. 2,057,593; Oct. 13.
- Riggle, Leo L. (See Riggle, Clark H. and L. L.)
- Riggs, Alger S., New York, N. Y. Communication system. 2,048,081; July 21.
- Riggs, Alger S., New York, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Electron tube control for reversible motive means. 2,047,984; July 21.
- Riggs, Alger S., Brooklyn, N. Y. Electrical control system. 2,048,082; July 21.
- Riggs, Amalia de M. (See de Murguiondo, Jose H.)
- Riggs, Clyde A., assignor of one-fourth to N. Levin, Trenton, N. J., and three-tenths to Margate Hosiery Mills Incorporated, Chattanooga, Tenn. Hosiery. 2,039,931; May 5.
- Riggs, Clyde A., Chattanooga, Tenn., assignor of one-fourth to N. Levin, Trenton, N. J., and three-tenths to Margate Hosiery Mills Incorporated, Chattanooga, Tenn. Making hosiery. 2,039,932; May 5.
- Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Doorlatch. 2,030,719; Feb. 11.
- Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Door latch. 2,058,354; Oct. 20.
- Rigney, Robert M., Sierra Madre, Calif. Combined syringe tank and hose enclosure. 2,062,040; Nov. 24.
- Riise, John, Doylestown, Ohio. Gaseous fuel mixing valve. 2,031,332; Feb. 18.
- Riker, Norman D., Plandome, assignor to Lethelin Products Company, Inc., Manhasset, N. Y. Apparatus and process for killing human and animal vermin. 2,033,357; Mar. 10.
- Riley, Clare S., assignor to Hartford-Empire Company, Hartford, Conn. Eddy current control for leers. 2,037,392; Apr. 14.
- Riley, Franklin S. (See Hamilton, Arthur T., assignor.)
- Riley, Franklin S., and A. T. Hamilton, Kansas City, Mo., said Hamilton assignor to said Riley. Control unit for electrical game devices. 2,038,854; Apr. 28.
- Riley, Fred E., Livermore Falls, Maine. Valve. 2,064,567; Dec. 15.
- Riley, George V., Washington, D. C. Automatic sanitary insert basin. 2,043,264; June 9.
- Riley, George V., Washington, D. C. Sanitary insert for basins. 2,048,968; July 28.
- Riley, George W. (See Coles, W. V., and Riley.)
- Riley, Homer W., assignor to The McNally-Pittsburg Mfg. Corp., Pittsburg, Kans. Crusher. 2,063,829; Dec. 8.
- Riley, John, assignor of one-half to A. J. Serbinsky, Chicago, Ill. Mason's line holding trig. 2,030,539; Feb. 11.
- Riley, Joseph F., assignor to Howard Radio Company, Chicago, Ill. Radio chassis. 2,046,927; July 7.
- Riley, Michael J., Cleveland, assignor to The National Machinery Company, Tiffin, Ohio. Bolt machine. 2,038,542; Apr. 28.
- Riley, Percy, Coventry, England. Transmission and change speed mechanism. 2,040,711; May 12.
- Riley, Percy, Coventry, England. Transmission and change speed mechanism. 2,046,428; July 7.
- Riley, Reginald H. J. (See Kinsella, E., and Riley.)
- Riley, Reginald H. J., R. H. Parkinson, and H. H. Sims, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of artificial filaments or threads. 2,063,897; Dec. 15.
- Riley, Ruth V., Fayetteville, Ark. Enclosure for beds. 2,035,343; Mar. 24.
- Riley Stoker Corporation. (See Andrews, L. V., assignor.)
- Riley Stoker Corporation. (See Armour, James W., assignor.)
- Riley Stoker Corporation. (See Blodgett, Albert G., assignor.)
- Riley Stoker Corporation. (See Daniels, Fred H., assignor.)
- Riley Stoker Corporation. (See Kuhner, Max H., assignor.)
- Riley Stoker Corporation. (See Nahigyan, Kevork K., assignor.)
- Riley Stoker Corporation. (See Norton, James P., assignor.)
- Riley Stoker Corporation. (See Rehm, Gustav A., assignor.)
- Riley, Thomas, assignor to J. & J. Cash, Incorporated, South Norwalk, Conn. Shipping and utility carton. 2,060,763; Nov. 10.
- Rilling, Harry L. (See Lynch, T. L., and Rilling.)
- Rime-Bruneau, Paul, assignor to the firm Societe D'Exploitation des Procèdes Dabeg, Paris, France. Controlling device for rotating shafts. 2,065,648; Dec. 29.
- Rinaman, Loyd W., Dallas, Tex. Refrigeration apparatus. 2,049,664; Aug. 4.
- Rindsberger Manufacturing Corporation. (See Adolfson, Gunnar, assignor.)
- Rinehart, Cleo A. (See Paddock, L. S., and Rinehart.)
- Rinehart, Harry H., New Market, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Preformed semirigid unit and making the same. 2,042,964; June 2.
- Riney, Arthur H., and L. T. Gibbs, assignors to Phillips Petroleum Company, Bartlesville, Okla. Liquid dispensing apparatus. 2,033,255; Mar. 10.
- Riney, Arthur H., and L. T. Gibbs, assignors to Phillips Petroleum Company, Bartlesville, Okla. Method and apparatus for transporting hydrocarbon liquids. 2,058,355; Oct. 20.
- Ring, Andrew D., Washington, D. C., assignor to General Electric Company. Carrier wave signaling system. 2,032,312; Feb. 25.
- Ring Containers Limited. (See Richardson, Conrad, assignor.)
- Ring, John M. R., Ulvsunda, Stockholm, Sweden. Stay for windows or the like. 2,052,942; Sept. 1.
- Ring, Joseph J. (See Rheingans, W. J., and Ring.)
- Ring, Joseph J., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Water wheel bucket. 2,057,979; Oct. 20.
- Ring, Joseph J., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Butterfly valve. 2,059,656; Nov. 3.
- Ringe, William H., Berkeley, Calif. Traveling hoist. 2,061,044; Nov. 17.
- Ringel, Abraham, Merchantville, N. J., assignor to Radio Corporation of America. Recording and reproduction of electrical impulses. 2,029,389; Feb. 4.
- Ringel, Abraham S., Merchantville, N. J., assignor to Radio Corporation of America, New York, N. Y. Motion picture screen. 2,047,290; July 14.
- Ringel, Charles, Hawthorne, and B. Smith, Teaneck, N. J., assignors to The Superheater Company, New York, N. Y. Superheater element. 2,053,443; Sept. 8.
- Ringel, Herman, Newark, N. J. Mothproof metal clothes cabinet. 2,061,672; Nov. 24.
- Ringer, Ferdinand, Vienna, Austria, assignor to Svenska Tändsticks Aktiebolaget, Jonkoping, Sweden. Cigar lighter. 2,059,807; Nov. 3.
- Ringer, Friedrich. (See Pier, M., Ringer, and Simon.)
- "Ringfeder" Gesellschaft mit beschränkter Haftung. (See Edelmeier, Hans, assignor.)
- Ringenberg, Herman I., Munster, Ind., assignor to Sinclair Refining Company, New York, N. Y. Asphalt manufacture. 2,057,265; Oct. 13.
- Ringler, William A., Wayne, assignor to Carton Container Company, Philadelphia, Pa. Container. 2,046,483; July 7.
- Ringler, William A., Wayne, assignor to Carton Container Company, Philadelphia, Pa. Duplex container. 2,046,484; July 7.
- Ringler, William A., Wayne, assignor to Carton Container Company, Philadelphia, Pa. Duplex container. 2,046,485; July 7.
- Ringler, William A., Wayne, assignor to Carton Container Company, Philadelphia, Pa. Duplex container. 2,047,033; July 7.
- Ringsdorf-Werke Aktiengesellschaft. (See Stoppany, Ambrogio, assignor.)
- Ringseis, Ralph A., San Francisco, Calif. Key guide. 2,036,541; Apr. 7.
- Ringzelli, Arthur J., assignor of one-half to W. Petry, Chicago, Ill. Aerial mounting. 2,057,980; Oct. 20.
- Rinia, Herre. (See Alexander, J. W., and Rinia.)
- Rink, Nicholas, Chenango Bridge, N. Y. Gripper. 2,048,815; July 28.
- Rinkel, Otto, Karlsruhe, assignor to Berlin-Karlsruher Industrie-Werke Aktiengesellschaft, Karlsruhe in Baden, Germany. Casing projectile. 2,045,964; June 30.
- Rinker, Arthur E., Compton, Calif. Refrigerator cabinet. 2,066,124; Dec. 29.
- Rinker, Benton S., and M. W. F. Speers, Washington, D. C. Top for rumble seats for automobiles. 2,065,027; Dec. 22.
- Rinkhoff, Edward A., McKeesport, Pa. Smoker's outfit. 2,037,045; Apr. 14.
- Rinman, Erik L., Djursholm, Sweden. Treating organic waste liquors. 2,034,833; Mar. 24.



- Rintelman, William L. (See Beard, E. E., and Rintelman.)  
 Rioux, Demcy L., Green Bay, Wis. Illuminated license plate holder. 2,057,249; Oct. 13.  
 Rioux, Joseph F., Attleboro, Mass. Combination mirror and comb. 2,041,960; May 26.  
 Rioux, Joseph F., Attleboro, Mass. Powder container. 2,045,165; June 23.  
 Ripert, Jean, assignor to Thibaud, Gibbs & Cie, Paris, France. Dentifrice product. 2,059,396; Nov. 3.  
 Ripich, Louis J., assignor to The Shoe Repair Specialty Corporation, Cleveland, Ohio. Shoe tap press. 2,046,035; June 30.  
 Ripley, Charles T., Wilmette, Ill. Spring packing for journal boxes. 2,040,629; May 12.  
 Ripley, Charles T., Wilmette, Ill. Journal box packing. 2,049,225; July 28.  
 Ripley, Perry C. (See Barber, C. L., and Ripley.)  
 Ripper, Kurt, Vienna, Austria. Molding composition and molded articles made therefrom. 2,029,836; Feb. 4.  
 Ripper, Kurt, Vienna, Austria. Making condensation products. 2,029,893; Feb. 4.  
 Ripper, Kurt, Vienna, Austria. Molding composition. 2,029,894; Feb. 4.  
 Ripper, Kurt, Vienna, Austria, assignor to American Cyanamid Company, New York, N. Y. Making urea-aldehyde condensation products. 2,056,142; Sept. 29.  
 Ripper, Kurt, Berlin, Germany. Manufacture of artificial resins and artificial masses by condensation of dicyandiamide with formaldehyde. 2,060,122; Nov. 10.  
 Rippere, William H., assignor to The American Brass Company, Waterbury, Conn. Ventilated tubular bus bar. 2,057,266; Oct. 13.  
 Rippl, Charles H., assignor to The Clark Controller Company, Cleveland, Ohio. Electric circuit timing apparatus. 2,055,707; Sept. 29.  
 Ris, Kenneth B., Garden City, N. Y., assignor, by mesne assignments, to The Griscom-Russell Company. Heat exchanger. 2,038,002; Apr. 21.  
 Risdon Manufacturing Company, The. (See Peterson, Gunnard P., assignor.)  
 Rising, Harry A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lubricating system. 2,031,671; Feb. 25.  
 Risinger, Frank V., Lakewood, Ohio. Fuel burner. 2,063,697; Dec. 8.  
 Rison, Carey O., Oklahoma City, assignor of one-half to Indian Territory Illuminating Oil Company, Bartlesville, Okla. Container for explosives. 2,031,505; Feb. 18.  
 Risser, Arthur I. (See Gaynor, John J., assignor.)  
 Risser, Arthur I., assignor to U. S. Bottlers Machinery Co., Chicago, Ill. Container closure applying apparatus. 2,031,735; Feb. 25.  
 Risser, Arthur I., assignor to U. S. Bottlers Machinery Co., Chicago, Ill. Closure applying apparatus. 2,033,358; Mar. 10.  
 Risser, Arthur I., assignor to U. S. Bottlers Machinery Co., Chicago, Ill. Screw cap applying machine. 2,042,733; June 2.  
 Risser, Ross E., Bonham, Tex. Air eliminator. 2,064,988; Dec. 22.  
 Rissmann, Paul A., assignor to R. P. Rissman, Lorain, Ohio. Window screen. 2,051,422; Aug. 18.  
 Rissmann, Paul A., assignor to R. P. Rissmann, Lorain, Ohio. Storm window. 2,054,003; Sept. 8.  
 Rissmann, Richard P. (See Rissmann, Paul A., assignor.)  
 Riszdorfer, Odön, Budapest, Hungary. Diaphragm for photographic cameras. 2,032,633; Mar. 3.  
 Riszdorfer, Odön, Budapest, Hungary. Exposure control for photographic apparatus. 2,059,032; Oct. 27.  
 Rit Products Corporation. (See Kritchevsky, Wolf, assignor.)  
 Ritchie, Allan V., Elizabeth, N. J., assignor to The Texas Company, New York, N. Y. Cracking oils. 2,037,537; Apr. 14.  
 Ritchie, Anthony F., Harrington Park, N. J. Gasoline turbine motor. 2,037,538; Apr. 14.  
 Ritchie, Charles F. (See Allen, W. H., Gale, and Ritchie.)  
 Ritchie, Charles F. (See Allen, W. H., Underhill, and Ritchie.)  
 Ritchie, David M. (See Schoepf, T. H., and Ritchie.)  
 Ritchie, George A., Bogota, Colombia. Cooker. 2,049,665; Aug. 4.  
 Ritchie, George D., Lillybrook, W. Va. Automobile hood fastener. 2,037,866; Apr. 21.  
 Ritchie, W. C., and Company. (See McCarthy, John W., assignor.)  
 Ritchie, William B., and R. L. Delano, assignors to Weedon Manufacturing Corporation, New Bedford, Mass. Toy railway. 2,044,737; June 16.  
 Ritchie, William S., Winnipeg, Manitoba, Canada. Collapsible bridge table. 2,028,724; Jan. 21.  
 Ritenour, John D., New Kensington, Pa. Film operated switch mechanism. 2,039,661; May 5.  
 Rittenhouse, A. E., Co., The. (See Rittenhouse, Arthur E., assignor.)  
 Rittenhouse, Arthur E., assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Electrical terminal. 2,060,426; Nov. 10.  
 Ritter, Claude A., Cincinnati, Ohio. Expanding necktie holder. 2,027,119; Jan. 7.  
 Ritter Dental Manufacturing Company. (See May, Adam J., assignor.)  
 Ritter, Frederick J., Washington, D. C. Radio receiving system. 2,037,485; Apr. 14.  
 Ritter, Frederick J., Washington, D. C. Radio receiving system. 2,047,886; July 14.  
 Ritter, George B., Uniontown, Ohio. Brake control. 2,038,681; Apr. 28.  
 Ritter, Harry V., New York, N. Y. Handbag. 2,031,506; Feb. 18.  
 Ritter, Herbert F., Bogota, N. J. Coilable metal tape. 2,036,720; Apr. 7.  
 Ritter, Herbert F., Bogota, N. J. Collable metal tape. 2,048,969; July 28.  
 Ritter, John G., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Stator frame and making same. 2,053,444; Sept. 8.  
 Ritter, Julius, Jr., assignor to Hartmann Truck Company, Racine, Wis. Man's hat box for wardrobe trunks. 2,028,247; Jan. 21.  
 Ritter, Julius, Jr., assignor to Hartmann Trunk Company, Racine, Wis. Wardrobe suitcase. 2,055,558; Sept. 29.  
 Ritter, Leroy L. (See Irick, Haden R., assignor.)  
 Ritter, Max E., New York, N. Y. Pipe stanchion. 2,045,927; June 30.  
 Ritterbusch, Oscar, Chicago, Ill. Lock. 2,065,291; Dec. 22.  
 Ritterbusch, Oscar F., Chicago, Ill. Dispenser for toothpaste. 2,064,357; Dec. 15.  
 Rittershausen, Fritz, Essen, assignor to Fried Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Homogeneous armor plate. 2,059,746; Nov. 3.  
 Rittershausen, Fritz, and H. Korsch, Essen, assignors to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Machine parts and apparatus intended for high temperature operation. 2,031,904; Feb. 25.  
 Rittinghausen, Carl M., Bad Soden-on-the-Taunus, and R. Haynn, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyeing animal fibers with metal complex compounds of organic acid dyestuffs. 2,040,796; May 12.  
 Rittmeister, Wilhelm, Dessau, Anhalt, Germany, assignor, by mesne assignments, to E. I. du Pont de Nemours & Co., Wilmington, Del. Procedure for the hydrogenizing and/or splitting of coal tars, mineral oils, and the like. 2,029,895; Feb. 4.  
 Ritzerfeld, Wilhelm, Berlin, Germany. Duplicating apparatus. 2,034,207; Mar. 17.  
 Ritzerfeld, Wilhelm, Berlin, Germany. Duplicating apparatus. 2,034,208; Mar. 17.  
 Ritzerfeld, Wilhelm, Berlin, Germany. Moistener for duplicating apparatus. 2,034,209; Mar. 17.  
 Ritzerfeld, Wilhelm, Berlin, Germany. Manifold printing apparatus for printing from mirror script originals on premoistened sheets or the like. 2,051,897; Aug. 25.  
 Ritzerfeld, Wilhelm, Berlin, Germany. Duplicating apparatus. 2,064,989; Dec. 22.  
 Ritzert, Norman J., assignor to The Dayton Rubber Mfg. Company, Dayton, Ohio. Process and apparatus for latexing cords. 2,040,105; May 12.  
 Ritzert, Robert W., Dayton, Ohio. Maintaining the freshness of bread and the like, and apparatus used in the practice of the method. 2,030,154; Feb. 11.  
 Ritz-Woller, Oliver C., Chicago, Ill. Adjustable cap. 2,038,003; Apr. 21.  
 Ritz-Woller, Oliver C., Chicago, Ill. Signal device. 2,062,479; Dec. 1.  
 Ritz-Woller, Oliver C., Chicago, Ill. Make-up mirror. 2,066,055; Dec. 29.  
 Rivard, Lionel I., and C. I. Bomster, New Haven, Conn. Apparatus for cleaning pipes. 2,030,398; Feb. 11.  
 Rivard, Nelson J., Milford, Conn. Cutting implement. 2,042,965; June 2.  
 Rivers, Charles, et al. (See Jones, David, assignor.)  
 Rivers, Durward S., Indianapolis, Ind. Circuit interrupter. 2,044,448; June 16.  
 Rivers, Durward S., and R. B. Storms, Indianapolis, Ind. Reset fuse plug. 2,044,449; June 16.  
 Rivers, Louis, Mount Vernon, assignor to American Blind Stitch Machine Company, New York, N. Y. Skip-stitch sewing machine. 2,036,828; Apr. 7.  
 Riverside Sheet Metal Works, Inc. (See Summerhays, Harold F., assignor.)  
 Rivet-Grip Steel Co., The. (See Tashjian, Armen H., assignor.)  
 Rivet-Grip Steel Co., The. (See Tashjian, A. H., and Holden, assignors.)  
 Rivet, Joseph C. (See Campagna, F., and Rivet.)  
 Rivett-Carnac, Arthur J., Grahamstown, South Africa, assignor to General Electric Company. Arc welding. 2,033,816; Mar. 10.  
 Rivett Lathe & Grinder Corporation. (See Blanchard, Frederick C., assignor.)  
 Rivett Lathe and Grinder, Inc. (See Blanchard, Frederick C., assignor.)  
 Rivier, Louis, Jouxten-Mezery, Switzerland. Cinematographic projector. 2,059,033; Oct. 27.  
 Riviere, Albert S., Arlington Heights, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,040,408; May 12.  
 Riviere, Albert S., Chicago, H. J. Le Vesconte, Western Springs, and H. Hacklander, Tinley Park, assignors to Union Special Machine Company, Chicago, Ill. Stitch forming mechanism for sewing machine. 2,046,928; July 7.  
 Rivkin, Menahem, Philadelphia, Pa. Locomotive stoker. 2,035,722; Mar. 31.



- Rivlois, André, Paris, France, and O. Müller, assignors to Gebrüder Brehmer, Leipzig-Plagwitz, Germany. Method of and mechanism for automatically severing the terminal threads of a stitched book. 2,048,970; July 28.
- Rix, Milton H. (See Dehn, W. C., and Rix.)
- Rix, Milton H., Three Rivers, Mich., assignor to Fairbanks, Morse & Company, Chicago, Ill. Vehicle wheel. 2,064,219; Dec. 15.
- Rixson, Oscar C., Co., The. (See Garrison, Forrest C., assignor.)
- Rizor, Delbert A., Fairfield, Iowa. Drain hose nozzle. 2,053,533; Sept. 8.
- Rizor, Royal H., assignor, by mesne assignments, to Midwest Abrasive Company, Detroit, Mich. Producing a garnet abrasive. 2,050,212; Aug. 4.
- Rizzolla, Michele. (See Mardigan, S., and Rizzolla.)
- Roach, Claud M., San Saba, Tex. Electric generator. 2,027,402; Jan. 14.
- Roach, Nathan. (See Weightman, H. E., and Roach.)
- Roach, Nathan, assignor to The Cleveland Brass Manufacturing Company, Cleveland, Ohio. Coupling. 2,042,125; May 26.
- Roads Construction Company. (See Noble, Robert J., assignor.)
- Roark, William M., Perryton, Tex. Safety steering rod. 2,028,953; Jan. 28.
- Roath, Edward W., Waterbury, assignor to The Chase Companies, Incorporated, New Haven, Conn. Corrosion-resistant tubes. 2,061,921; Nov. 24.
- Robar Company, The. (See Barth, John, assignor.)
- Robert, Braxton L., and E. P. Buell, Jackson, Mich. Pilot control reducing valve. 2,037,179; Apr. 14.
- Robert, Braxton L., and E. P. Buell, Jackson, Mich., assignors to The Robuell Company. Fluid pressure regulator. 2,059,808; Nov. 3.
- Robb, Charles F., Jr. (See Wright, William D., assignor.)
- Robb, Frank M., Belleville, Canada. Studying sound. 2,050,380; Aug. 11.
- Robb, Harry C., Jr., Syracuse, N. Y., assignor to Highway Trailer Company, Edgerton, Wis. Lock control for fifth wheel couplings and the like. 2,044,227; June 16.
- Robb, John D. (See Russell, A. N., and Robb.)
- Robb, John F., Cleveland Heights, Ohio, assignor to Koehring Company, Milwaukee, Wis. Making roads. 2,063,400; Dec. 8.
- Robb, Robert E., Evansville, Ind. Apparatus for proportioning and weighing batch weights. 2,044,017; June 16.
- Robbin, Leon, New Rochelle, N. Y., assignor to Vega Manufacturing Corporation, Wilmington, Del. Insulated wire. 2,055,223; Sept. 22.
- Robbins, Azor D., New Brunswick, N. J., assignor to International Motor Company, New York, N. Y. Synchronizing mechanism. 2,035,507; Mar. 31.
- Robbins, Azor D., Highland Park, N. J., and A. G. Little, Brooklyn, assignors to International Motor Company, New York, N. Y. Gear shift lock. 2,056,367; Oct. 6.
- Robbins, George A., Hilliar Township, Knox County, Ohio. Window. 2,026,751; Jan. 7.
- Robbins, Jesse J., Hollywood, Calif., assignor to Stylofede Corporation. Pencil. 2,056,143; Sept. 29.
- Robbins & Myers, Inc. (See Hoddy, Joseph S., assignor.)
- Robbins, Phil, Santa Rosa, Calif. Concentric field coil winder. 2,046,883; July 7.
- Robbins, W. A., et al. (See Hyatt, Benjamin S., assignor.)
- Robbins, Walter C., assignor to The National Acme Company, Cleveland, Ohio. Shock absorber. 2,035,618; Mar. 31.
- Robblee, Ide L., and R. L. Baker, Southbridge, Mass. Fire alarm cable. 2,058,721; Oct. 27.
- Robe, Walter B., Towson, assignor, by mesne assignments, to W. B. Wright, Baltimore, Md. Controlling solid CO<sub>2</sub> for refrigeration purposes. 2,040,631; May 12.
- Röber, Konstantin F., assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Apparatus for applying the wrapper to the end of a cigar filler. 2,061,880; Nov. 24.
- Roberge, Charles, Williamsburg, Mass. Bubbler tip. 2,028,412; Jan. 21.
- Roberge, Charles, Williamsburg, assignor to R. B. Hills, Northampton, Mass. Drinking fountain apparatus. 2,033,083; Mar. 3.
- Robert, John, Chicago Ill., assignor to The Barrett Company, New York, N. Y. Process and apparatus for producing variegated roofing. 2,037,822; Apr. 21.
- Robertson, Harold E. (See Swift, D. D., and Robertson.)
- Roberts, Ailleene, Los Angeles, Calif. Protective head covering. 2,064,032; Dec. 15.
- Roberts, Allan E., St. Louis, Mo. Vehicle brake. 2,059,913; Nov. 3.
- Roberts, Arthur, administrators et al. (See Roberts, Arthur A.)
- Roberts, Arthur A., deceased, London, A. Roberts, Wanstead, and C. W. Smith, Maida Vale, England, administrators. Making fuel briquettes. 2,046,532; July 7.
- Roberts Brass Manufacturing Company. (See Roberts, Thomas H., assignor.)
- Roberts, Charles, assignor to Multiposter Advertising Corporation, New York, N. Y. Display device. 2,027,789; Jan. 14.
- Roberts, Charles P. (See Francisco, C. M., and Roberts.)
- Roberts, Charles R., New York, N. Y., assignor to Regal Shoe Company, Whitmore, Mass. Shoe fitting device. 2,061,849; Nov. 24.
- Roberts, Claude F., Silver Springs, N. Y. Pencil holder. 2,053,300; Sept. 8.
- Roberts, Claudius H. M., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Electric dehydration system. 2,033,152; Mar. 10.
- Roberts, Clifford, Winchester, and J. M. Whelton, Peabody, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,062,797; Dec. 1.
- Roberts, Cushman & Company. (See Roberts, Edward, Jr., assignor.)
- Roberts, Edmund W., Cincinnati, assignor to A. T. Pence, Hillsboro, Ohio. Manufacture of type-wheels. 2,038,759; Apr. 28.
- Roberts, Edward, Jr., Hoboken, N. J., assignor to Roberts, Cushman & Company, New York, N. Y. Hot stamping device. 2,052,247; Aug. 25.
- Roberts, Edward F., Mamaroneck, assignor to United States Rubber Company, New York, N. Y. Footwear. 2,048,294; July 21.
- Roberts, Edward F., Rye, assignor to United States Rubber Products, Inc., New York, N. Y. Elastic multiply material and elastic shoe embodying the same. 2,059,747; Nov. 3.
- Roberts, Edward N., Casper, Wyo., assignor to Standard Oil Company, Chicago, Ill. Storing motor fuels. 2,050,732; Aug. 11.
- Roberts, Elliott J. (See Weber, W. C., Shafor, and Roberts.)
- Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Grid lining for centrifugal baskets. 2,028,168; Jan. 21.
- Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Control apparatus for centrifugals. 2,037,655; Apr. 14.
- Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Water cooled friction pulley. 2,060,826; Nov. 17.
- Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Water cooled pulley for centrifugals and the like. 2,060,827; Nov. 17.
- Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Filtering element and producing the same. 2,061,850; Nov. 24.
- Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Centrifugal discharger. 2,064,766; Dec. 15.
- Roberts, Frank A., Chicago, Ill. Collar stretcher. 2,039,032; Apr. 28.
- Roberts, Frederic W. (See Roch, Joseph C., assignor.)
- Roberts, Frederic W. (See Roch, J. C., and Roberts.)
- Roberts, Frederick W., and G. D. Illig, assignors, by mesne assignments, to Niagara County National Bank & Trust Company, Lockport, N. Y. Core for paper rolls. 2,052,541; Aug. 25.
- Roberts, George, Ann Arbor, Mich. Container. 2,040,024; May 5.
- Roberts, George H., Rock Island, Ill. Piston ring. 2,036,721; Apr. 7.
- Roberts, Gordon I., Mount Vernon, and G. H. Ruffe, Astoria, N. Y., said Roberts assignor to said Ruffe. Synchronizing sound and motion picture films. 2,065,028; Dec. 22.
- Roberts, Hardy, Devine, and C. H. Robertson, Fort Worth, Tex. Valve mechanism. 2,060,748; Nov. 10.
- Roberts, Harold W. (See Rostron, R., and Roberts.)
- Roberts, Henry H., Philadelphia, Pa. Hair clipper. 2,044,259; June 16.
- Roberts, Hugh, Jr., assignor to Cen-Tennial Cotton Gin Co., Columbus, Ga. Speed changing mechanism for cotton gin feeders and the like. 2,033,850; Mar. 10.
- Roberts, James A., Douglas, Ga. Automobile door locking mechanism. 2,031,281; Feb. 18.
- Roberts, James W., Ben Hill, Ga. Piston. 2,058,261; Oct. 20.
- Roberts, John, Westminster, London, England. Application of heat to retorts, coke ovens, and the like. 2,065,245; Dec. 22.
- Roberts, John D., assignor to Central Texas Iron Works, Waco, Tex. Truss. 2,061,103; Nov. 17.
- Roberts, John F. (See Holden, R. M., and Roberts.)
- Roberts, John H., Sydney, New South Wales, assignor to D. & W. Murray Limited, Sydney, Australia. Busk for corsets. 2,066,230; Dec. 29.
- Roberts, John R., Elgin, Ill. Kick plate and weather strip. 2,051,531; Aug. 18.
- Roberts, John W., Washington, D. C., dedicated to the free use of the Government and the People of the United States. Spray material. 2,037,656; Apr. 14.
- Roberts, John W., Washington, D. C., dedicated to the free use of the People of the United States. Spray material. 2,037,657; Apr. 14.
- Roberts, John W., Washington, D. C., dedicated to the free use of the People of the United States. Spray material. 2,037,658; Apr. 14.
- Roberts, Joseph H., Waterbury, Conn., assignor to The F. B. Shuster Company, New Haven, Conn. Long stock fabricating machine. 2,032,098; Feb. 25.
- Roberts, Joseph K. (See Ruthruff, R. F., Roberts, and Carpenter.)



- Roberts, Joseph K., Hammond, assignor to Standard Oil Company, Whiting, Ind. Stabilization of light hydrocarbon oils and particularly pressure distillate. 2,032,666; Mar. 3.
- Roberts, Joseph K., Hammond, Ind., assignor to Standard Oil Company (Indiana), Chicago, Ill. Converting hydrocarbon oils. 2,044,636; June 16.
- Roberts, Joseph K., and M. T. Carpenter, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Gasoline manufacturing process. 2,032,330; Feb. 25.
- Roberts, Joseph W., Portage la Prairie, Manitoba, Canada. Motor sleigh. 2,029,196; Jan. 28.
- Roberts, Josiah H., Wharton, N. J. Vault. 2,034,633; Mar. 17.
- Roberts, Julius, Brooklyn, N. Y. Automatic ice cube release. 2,045,371; June 23.
- Roberts, Lee R., assignor to himself and F. Kempfner, Chicago, Ill. Venetian blind. 2,037,393; Apr. 14.
- Roberts, Leland C., Towaco, N. J., assignor to American Telephone and Telegraph Company. Error indicator for open-wire circuits. 2,037,150; Apr. 14.
- Roberts, Louis V., and D. Chalmers, Kansas City, Mo. Humidifier. 2,030,155; Feb. 11.
- Roberts & Mander Stove Company. (See Antrim, William D., assignor.)
- Roberts, Montague H., Englewood, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Locomotive. 2,026,707; Jan. 7.
- Roberts, Montague H., Englewood, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Locomotive. 2,034,271; Mar. 17.
- Roberts Numbering Machine Company. (See Matt, George J., assignor.)
- Roberts, Ovid E., Jr., New Rochelle, N. Y. Controlled pyrogenic decomposition of hydrocarbons. 2,027,552; Jan. 14.
- Roberts, Philip H., Medford, Mass. Automatic valve control. 2,039,662; May 5.
- Roberts, R. E., (See Mills, Rufus A., assignor.)
- Roberts, Raney J., Detroit, Mich. Apparatus for cooling and conditioning air. 2,062,728; Dec. 1.
- Roberts, Richard W. (See Peabody, C. G., and Roberts.)
- Roberts, Robert P., and E. B. Johnson, Spondon, near Derby, assignors to Celanese Corporation of America. Production of artificial silk and like products. 2,027,450; Jan. 14.
- Roberts, Robert P., E. B. Johnson, and L. W. Gregory, Spondon, near Derby, England, assignors to Celanese Corporation of America. Artificial materials and making the same. 2,045,370; June 23.
- Roberts, Robert P., W. H. Kimpton, and R. M. Dingley, Spondon, near Derby, England, assignors to Celanese Corporation of America. Apparatus for making cored threads and the like. 2,063,755; Dec. 8.
- Roberts, Samuel B., Cumberland, Md., assignor to Celanese Corporation of America. Oscillating dye jig. 2,045,874; June 30.
- Roberts, Samuel S., Pittsburgh, Pa. Measuring valve. 2,041,023; May 19.
- Roberts, Samuel S., Pittsburgh, Pa. Rolling mill screw-down protection. 2,061,331; Nov. 17.
- Roberts, Seth L. (See von Groeling, Albrecht, assignor.)
- Roberts, Thomas H., assignor to Roberts Brass Manufacturing Company, Detroit, Mich. Gas cock. 2,035,762; Mar. 31.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Superheterodyne circuit. 2,027,933; Jan. 14.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Multirange superheterodyne receiver. 2,029,035; Jan. 28.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Tunable radio frequency circuits. 2,034,773; Mar. 24.
- Roberts, Walter Van B., Princeton, N. J., assignor to Radio Corporation of America. Automatic tone control. 2,040,954; May 19.
- Roberts, Walter Van B., Princeton, N. J., assignor to Radio Corporation of America. Automatic volume and fidelity control. 2,040,955; May 19.
- Roberts, Walter Van B., Princeton, N. J., assignor to Radio Corporation of America. Automatic gain control. 2,041,150; May 19.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Audio frequency amplifier. 2,042,966; June 2.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Automatic gain control. 2,043,062; June 2.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Coupling arrangement for amplifiers and repeaters. 2,043,774; June 9.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Vacuum tube. 2,049,226; July 28.
- Roberts, Walter Van B., Princeton, N. J., assignor to Radio Corporation of America. Phase modulation. 2,050,067; Aug. 4.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Superheterodyne receiver. 2,050,807; Aug. 11.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Combined oscillator-detector circuit. 2,051,178; Aug. 18.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Receiver selectivity and amplification control. 2,051,898; Aug. 25.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Electron emission control arrangement. 2,052,725; Sept. 1.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Superheterodyne receiver. 2,054,637; Sept. 15.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Constant potential system. 2,057,112; Oct. 13.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Oscillation generator. 2,060,592; Nov. 10.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Automatic sensitivity reduction system. 2,061,982; Nov. 24.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Capacity coupled constant amplification circuits. 2,064,990; Dec. 22.
- Roberts, Willard A., Cleveland Heights, Ohio, assignor to General Electric Company. Gaseous or vapor electric discharge device and its manufacture. 2,056,621; Oct. 6.
- Roberts, William, Oswego, N. Y., assignor, by mesne assignments, to The Diamond Match Company. Wrapping machine. 2,051,105; Aug. 18.
- Roberts, William F., assignor of one-half to C. J. Seebach, Baltimore, Md. Frame corner structure. 2,028,353; Jan. 21.
- Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,028,248; Jan. 21.
- Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastener-distributing mechanism. 2,034,774; Mar. 24.
- Robertshaw, Clarence W. (See Bowman, G. A., and Robertshaw.)
- Robertshaw Thermostat Company. (See Bowman, G. A., and Robertshaw, assignors.)
- Robertshaw Thermostat Company. (See Newell, Robert E., assignor.)
- Robertson, Benjamin G., assignor to Reliance Varnish Company, Louisville, Ky. Veneering surfaces. 2,065,322; Dec. 22.
- Robertson, Charles H. (See Roberts, H., and Robertson.)
- Robertson, Charles W. (See Blanchard, H. A., and Robertson.)
- Robertson, David P., et al. (See Brannen, Frank J., assignor.)
- Robertson, Edward A., La Grange, Ill. Water dam for concrete slabs. 2,037,926; Apr. 21.
- Robertson, Francis L. (See Chicoline, James B., assignor.)
- Robertson, Garnett R. (See Scott, A. B., and Robertson.)
- Robertson, H. H., Company. (See Black, George E., assignor.)
- Robertson, H. H., Company. (See Heppenstall, Thomas A., assignor.)
- Robertson, H. H., Company. (See Hubbell, Dean S., assignor.)
- Robertson, H. H., Company. (See Sargent, Edward B., assignor.)
- Robertson, H. H., Company. (See Young, James H., and Black, assignors.)
- Robertson, Harold J., Tulsa, Okla., assignor to Sinclair Refining Company, New York, N. Y. Composition and process for demulsifying cut oils and the like. 2,051,226; Aug. 18.
- Robertson, Isaac W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Oscillating joint. 2,049,024; July 28.
- Robertson, James, and G. H. Purdy, San Francisco, Calif. Connecting tubes in series. 2,027,200; Jan. 7.
- Robertson, James, and G. H. Purdy, San Francisco, Calif. Sanitary container and lid operating means therefor. 2,046,486; July 7.
- Robertson, John, Co. (See Jacobson, Conrad C., assignor.)
- Robertson, Louie H. (See Kettenring, L. C., and Robertson.)
- Robertson, Louie H., Elizabeth, and W. A. Eberle, Jersey City, N. J., assignors to Standard Oil Development Company. Treating lubricating oils. 2,038,604; Apr. 28.
- Robertson, Louis. (See Graham, G. H., and Robertson.)
- Robertson, Milton S., Alameda, assignor to Independent Crop Dusting Inc., San Francisco, Calif. Applying spray materials. 2,056,296; Oct. 6.
- Robertson, Ralph N., Pittsburgh, Pa. Cartridge packing. 2,037,046; Apr. 14.
- Robertson, Robert R., assignor to The Translode Joint Company, Chicago, Ill. Road joint former and load distributor. 2,027,201; Jan. 7.
- Robertson, Robert R., assignor to The Translode Joint Company, Chicago, Ill. Road joint mechanism with void forming unit. 2,027,553; Jan. 14.
- Robertson, Robert R., assignor to The Translode Joint Company, Chicago, Ill. Road joint former with plastic support for filler bridges. 2,032,814; Mar. 3.
- Robertson, Robert R., assignor to The Translode Joint Company, Chicago, Ill. Transload base for road joints. 2,038,605; Apr. 28.
- Robertson, Robert R., assignor to The Translode Joint Company, Chicago, Ill. Road joint and filler bridge unit with asphalt lock. 2,041,210; May 19.



- Robertson, Robert R., assignor to The Translode Joint Company, Chicago, Ill. Expansion joint and core. 2,041,961; May 26.
- Robertson, Robert R., assignor to The Translode Joint Company, Chicago, Ill. Expansion joint and filler bridge. 2,046,182; June 30.
- Robertson, Robert R., assignor to The Translode Joint Company, Chicago, Ill. Road slab side edge reinforcer. 2,046,183; June 30.
- Robertson, Robert R., assignor to The Translode Joint Company, Chicago, Ill. Load transmission center joint. 2,049,137; July 28.
- Robertson, Robert R., assignor to The Translode Joint Company, Chicago, Ill. Nonextruding asphalt joint. 2,049,138; July 28.
- Robertson, Stewart, Coventry, assignor to Courtaulds Limited, London, England. Manufacture and production of colored artificial filaments, threads, bands, and the like. 2,040,712; May 12.
- Robertson, Thomas J., assignor of one-half to P. C. Ford, Kansas City, Mo. Ventilated plumbing fixture. 2,041,962; May 26.
- Robertson, William H., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,048,200; July 21.
- Robertson, William H., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,056,485; Oct. 6.
- Robertson, William H., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,056,486; Oct. 6.
- Robertson, William W., Northboro, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Axminster loom. 2,057,394; Oct. 13.
- Robertson, William W., Northboro, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Rope drum for axminster looms. 2,065,746; Dec. 29.
- Robertson, William W., Northboro, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Axminster loom. 2,065,747; Dec. 29.
- Robeske, Martin, Detroit, Mich. Shoe trimming machine. 2,051,746; Aug. 18.
- Robeson-Rochester Corporation. (See Smith, Harold B., assignor.)
- Robidoux, Conrad R., West Hartford, Conn. Carburetor. 2,035,570; Mar. 31.
- Robie, Richard S. (See Hasselbaum, Oscar H., assignor.)
- Robillard, Oscar J., Attleboro, Mass. Micrometer caliper. 2,047,887; July 14.
- Robillard, Robert E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,059,970; Nov. 3.
- Robin, Leo. (See van Roggen, M., and Robin.)
- Robinet, David H., New York, N. Y. Stencil sheet folder. 2,055,751; Sept. 29.
- Robinovitz, Jack, Chicago, Ill. Vacuum breaking device. 2,033,955; Mar. 17.
- Robins Conveying Belt Company. (See Robins, Samuel D., assignor.)
- Robins, Samuel D., Manhasset, N. Y., assignor to Robins Conveying Belt Company, Passaic, N. J. Bearing and carrier. 2,031,618; Feb. 25.
- Robins, Samuel D., Hewlett, N. Y., assignor to Robins Conveying Belt Company, Passaic, N. J. Screening apparatus. 2,042,072; May 26.
- Robins, Washington L., Cynwyd, assignor of one-fourth to G. J. Graham, Philadelphia, Pa. Self-securing and propelling anchor. 2,063,052; Dec. 8.
- Robinson, Abbott G., Pioche, Nev. Multiple joint pneumatic lifting jack. 2,065,096; Dec. 22.
- Robinson, Adrian A., and H. C. Dormitzer, Chicago, Ill., assignors to Wilson & Co., Inc. Collecting and defibrinating blood. 2,055,263; Sept. 22.
- Robinson, Albert E., assignor to The American Tool Works Company, Cincinnati, Ohio. Safety device for elevating or translating mechanism. 2,066,073; Dec. 29.
- Robinson, Arthur. (See Robinson, Fred and A.)
- Robinson, Arthur S., Astoria, N. Y. Set-mark preventer for looms. 2,040,565; May 12.
- Robinson, Arthur S., assignor to Rochester Manufacturing Co., Inc., Rochester, N. Y. Thermometer. 2,060,427; Nov. 10.
- Robinson Bindley Processes Limited. (See Myddleton, William W., assignor.)
- Robinson, Charles W., Hamilton, Ontario, Canada, assignor, by mesne assignments, to International Harvester Company, Chicago, Ill. Fertilizer discharging mechanism. 2,044,186; June 16.
- Robinson Clay Product Company, The. (See Black, F. W., Lindemann, and Schaulin, assignors.)
- Robinson, David M., assignor to The Stanley Works, New Britain, Conn. Overhead door. 2,045,100; June 23.
- Robinson, David M., assignor to The Stanley Works, New Britain, Conn. Articulated overhead door. 2,045,101; June 23.
- Robinson, David M., assignor to The Stanley Works, New Britain, Conn. Overhead door lock. 2,048,377; July 21.
- Robinson, Eddie, Kansas City, Mo. Battery terminal. 2,050,123; Aug. 4.
- Robinson, Eddie, Kansas City, Mo. Electric terminal connector. 2,061,291; Nov. 17.
- Robinson, Edgar H. (See Whisler, T. H., and Robinson.)
- Robinson, Edward C. (See Harriman, C. E., and Robinson.)
- Robinson, Eli A., assignor to Collette Manufacturing Company, Amsterdam, N. Y. Baseball and manufacturing same. 2,062,147; Nov. 24.
- Robinson, Emmett E., Pittsburgh, Pa. Material container. 2,041,488; May 19.
- Robinson, Eric A., Marylebone, London, England, assignor to The Superheater Company, New York, N. Y. Superheater arrangement. 2,035,763; Mar. 31.
- Robinson, Ernest L., Schenectady, N. Y., assignor to General Electric Company. Bucket wheel. 2,036,083; Mar. 31.
- Robinson, Fred, and A. Robinson, Leeds, England. Apparatus for weighing live animals. 2,035,982; Mar. 31.
- Robinson, Fredric W., Short Hills, and C. J. Larsen, East Orange, assignor to Hanovia Chemical and Manufacturing Company, Newark, N. J. Apparatus for irradiating liquids. 2,051,395; Aug. 18.
- Robinson, Garland P., Glen Ridge, N. J., assignor to American Locomotive Company, New York, N. Y. Flexible staybolt construction for boilers. 2,028,474; Jan. 21.
- Robinson, Geordon D., Annapolis, Md. Electric circuits for employing capacitative currents. 2,027,291; Jan. 7.
- Robinson, Glen E., St. Joseph, Mich. Reinforced boat. 2,045,998; June 30.
- Robinson, Hanson, Jr., assignor to Wayne Iron Works, Wayne, Pa. Spare tire or wheel carrier. 2,034,834; Mar. 24.
- Robinson, Harold C., Chicago, and J. I. Bellamy, Brookfield, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Stock quotation system. 2,049,627; Aug. 4.
- Robinson, Harold H., assignor to Curtiss Aerocar Company, Inc., Coral Gables, Fla. Tank trailer. 2,036,607; Apr. 7.
- Robinson, Harold H., assignor to Curtiss Aerocar Company, Inc., Coral Gables, Fla. Tank trailer. 2,039,452; May 5.
- Robinson, Harold H., Coral Gables, Fla., and W. J. Parrish, Detroit, Mich., assignors to Curtiss Aerocar Company, Inc., Coral Gables, Fla. Semitrailer body construction. 2,045,166; June 23.
- Robinson, Harold H., assignor to Curtiss Aerocar Company, Inc., Coral Gables, Fla. Trailer vehicle. 2,061,673; Nov. 24.
- Robinson, Harris A., Philadelphia, Pa., assignor to Radio Corporation of America. Receiver manual and automatic gain control circuits. 2,039,663; May 5.
- Robinson, Harry G., Stratford, Conn. Abrasive wheel. 2,047,649; July 14.
- Robinson, Harry S., Pawling, N. Y. Windshield heater. 2,054,948; Sept. 22.
- Robinson, Henry, Lindenhurst, N. Y. Power transmission for culinary machinery. 2,046,533; July 7.
- Robinson, Henry H., and T. C. Plath, assignors to Robinson Orifice Fitting Company, Los Angeles, Calif. Stopcock. 2,038,132; Apr. 21.
- Robinson, Henry W., assignor to Dominion Manufacturers Limited, Toronto, Ontario, Canada. Cover strut. 2,041,617; May 19.
- Robinson, Henry W., assignor to Dominion Manufacturers Limited, Toronto, Ontario, Canada. Sheet metal burlal vault. 2,053,049; Sept. 1.
- Robinson, Hugh A., Sr., assignor to Curtiss Aerocar Company, Inc., Coral Gables, Fla. Convertible chair. 2,059,397; Nov. 3.
- Robinson, Jack, Wood River, Ill., assignor to Standard Oil Company, Chicago, Ill. Countercurrent contactor. 2,029,691; Feb. 4.
- Robinson, Jack, Wood River, assignor to Standard Oil Company, Chicago, Ill. Treatment of petroleum sludges and sludge acids. 2,036,299; Apr. 7.
- Robinson, Jack, Wood River, assignor to Standard Oil Company, Chicago, Ill. Preparation of emulsifying soaps. 2,040,673; May 12.
- Robinson, Jack, East Alton, assignor to Standard Oil Company, Chicago, Ill. Purification of solvents. 2,057,113; Oct. 13.
- Robinson, Jack D., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Producing nuclear alkylated aromatic compounds. 2,061,593; Nov. 24.
- Robinson, James E., assignor to W. J. Hughes & Sons Co., Louisville, Ky. Carton blank. 2,043,419; June 9.
- Robinson, James J., Paterson, N. J. Firebrick wall construction. 2,047,227; July 14.
- Robinson, James K., Tampa, Fla. Automatic weather strip and silencer. 2,035,723; Mar. 31.
- Robinson, James K., assignor of one-half to E. W. Myers, Tampa, Fla. Automobile tag locking device. 2,050,464; Aug. 11.
- Robinson, John A. (See Scott, Jesse, assignor.)
- Robinson, John E., Glen Ellyn, Ill., assignor to American Can Company, New York, N. Y. Sealing gasket. 2,052,582; Sept. 1.
- Robinson, Joseph, et al. (See Wittmer, Russell J., assignor.)
- Robinson, Joseph, New York, N. Y. Vaporizer device. 2,030,075; Feb. 11.
- Robinson, Joseph, New York, N. Y. Vaporizer. 2,030,898; Feb. 18.
- Robinson, Joseph, New York, N. Y., assignor of one-half to Roy M. Wolvin, Montreal, Quebec, Canada. Automatic train pipe connector. 2,048,032; July 21.



- Robinson, Keith A., Maidenhead, assignor to The Paper Cap Manufacturing Company Limited, Hamworth, England. Closure for bottles, jars, and like containers. 2,059,707; Nov. 3.
- Robinson Orifice Fitting Company. (See Robinson, H. H., and Plath, assignors.)
- Robinson Orifice Fitting Company. (See Robinson, William C. and P. H., assignors.)
- Robinson, Patrick H. (See Robinson, William C. and P. H.)
- Robinson, Preston, Williamstown, assignor to Sprague Specialties Company, North Adams, Mass. Electrolytic device. 2,031,793; Feb. 25.
- Robinson, Preston, Williamstown, assignor to Sprague Specialties Co., North Adams, Mass. Electrolytic device. 2,057,314; Oct. 13.
- Robinson, Preston, Williamstown, assignor to Sprague Specialties Company, North Adams, Mass. Electrolytic device. 2,057,315; Oct. 13.
- Robinson, Preston and C. Shugg, assignors to Sprague Specialties Co., North Adams, Mass. Electrolytic device. 2,028,564; Jan. 21.
- Robinson, Preston, Williamstown, and J. L. Collins, assignors to Sprague Specialties Company, North Adams, Mass. Electrolytic device. 2,035,022; Mar. 24.
- Robinson, Raymond D., Oakland, and W. H. Noland, Fresno, assignors to California Packing Corporation, San Francisco, Calif. Preparing raisins for packing. 2,054,949; Sept. 22.
- Robinson, Robert. (See Bradley, W., and Robinson.)
- Robinson, Robert. (See Haddock, N. H., Lodge, and Robinson.)
- Robinson, Robert H. (See Holmes, H. H., and Robinson.)
- Robinson, Robert R., and E. L. Rick; said Rick assignor to W. D. Howze, Los Angeles, Calif. Metal coated article and manufacture thereof. 2,031,070; Feb. 18.
- Robinson, S. T., Hillsboro, Ill., assignor to Curtiss-Wright Airplane Company. Cover fastening. 2,053,048; Sept. 1.
- Robinson, Samuel C., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Process and container for packaging beverages. 2,062,234; Nov. 24.
- Robinson, Theodore G., Ossining, N. Y. Manufacture of button blanks from pearl stock. 2,046,487; July 7.
- Robinson, Thomas, Smithtown, assignor to Lancaster Processes, Inc., Long Island City, N. Y. Making emulsions. 2,055,612; Sept. 29.
- Robinson, Thomas, Smithtown, assignor to Lancaster Processes, Inc., Long Island City, N. Y. Producing cutbacks. 2,058,913; Oct. 27.
- Robinson, Thomas E., Rock Springs, Wyo. Closure operator. 2,034,445; Mar. 17.
- Robinson, Thomas L., assignor to McGill Manufacturing Company, Valparaiso, Ind. Roller bearing. 2,053,534; Sept. 8.
- Robinson, Thomas L., assignor to McGill Manufacturing Company, Valparaiso, Ind. Roller bearing. 2,062,041; Nov. 24.
- Robinson, Thomas L., assignor to McGill Manufacturing Company, Valparaiso, Ind. Roller bearing. 2,065,475; Dec. 22.
- Robinson, Walter S., La Porte, Ind., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Making sponge rubber articles. 2,059,278; Nov. 3.
- Robinson, Willard E. (See Schonberg, J. R., and Robinson.)
- Robinson, William A., Oakland City, assignor of fifty-one per cent to L. C. Nicholson, J. O. Rosebaum, Indianapolis, W. W. Rogers, B. C. VanHook, Princeton, and W. H. Baugh, Terre Haute, Ind. Internal combustion engine and automatic control therefor. 2,030,939; Feb. 18.
- Robinson, William C. and P. H., assignors to Robinson Orifice Fitting Company, Los Angeles, Calif. Orifice meter fitting. 2,050,544; Aug. 11.
- Robinson, William J. (See Galligan, J. J., and Robinson.)
- Robinson, William J., and J. J. Galligan, Providence, R. I., assignors to United States Rubber Company, New York, N. Y. Printed crinkled rubber and making same. 2,037,539; Apr. 14.
- Robinson, William R., Niles, Ohio. Metal container and making the same. 2,035,344; Mar. 24.
- Robison, Floyd W., assignor of two-fifths to H. J. Porter, and one-fifth to G. D. Elmer, Detroit, Mich. Treating fruit juices. 2,035,619; Mar. 31.
- Robison, Paul L. (See Oberseider, J. L., and Robison.)
- Robl, Rudolf. (See Nawiasky, P., and Robl.)
- Robson, George, assignor to The Union Steel Corporation (of South Africa) Limited, Johannesburg, Union of South Africa. Bottom-casting hollow ingots. 2,039,453; May 5.
- Robson, Homer L. (See Cunningham, G. L., MacMullin, and Robson.)
- Robuelli Company, The. (See Robert, B. L., and Buell, assignors.)
- Roby, Edward B. (See Underwood, H. C., and Roby.)
- Rocard Yves A., Paris, France. Device for stabilizing rail vehicles. 2,052,660; Sept. 1.
- Rocard, Yves, assignor to La Radiotechnique, Paris, France. Radio receiving system. 2,031,736; Feb. 25.
- Rocard, Yves, assignor to La Radiotechnique, Paris, France. Frequency changing radio receiving apparatus. 2,051,104; Aug. 18.
- Rocard, Yves, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Radio receiver. 2,064,220; Dec. 15.
- Roch, Henry. (See Roch, Rudolf, and H.)
- Roch, Joseph C., West Warwick, assignor to F. W. Roberts, Hope, R. I. Combined condiment holder. 2,046,847; July 7.
- Roch, Joseph C., West Warwick, and F. W. Roberts, Cranston, R. I. Combined condiment holder. 2,047,081; July 7.
- Roch, Rudolf and H., Dresden, Germany. Combined billiard table and expanding table. 2,030,655; Feb. 11.
- Roche, Daniel H., Kansas City, Mo. Respirator. 2,056,692; Oct. 6.
- Roche, Daniel H., Kansas City, Mo. Respirator. 2,063,053; Dec. 8.
- Roche, Jean A. (See Stanley, P. H., and Roche.)
- Roché, Jean A., Dayton, Ohio. Stop flutter device. 2,038,603; Apr. 28.
- Roche, Mary C. (See Lower, D. E., and Roche, assignors.)
- Roche, Michael P. (See Lower, D. E., and Roche.)
- Roche, Thomas T., Hartford, Conn. Window sash holder. 2,030,269; Feb. 11.
- Rochelleau, Antonin, Cap-de-la-Madeleine, Quebec, Canada. Storage battery connector. 2,027,120; Jan. 7.
- Rochester Company, The. (See Johnson, James H., assignor.)
- Rochester Folding Box Co., The. (See Stevenson, Harry C., assignor.)
- Rochester Manufacturing Co. (See Robinson, Arthur S., assignor.)
- Rochester Telephone Corporation. (See Vincent, William J., assignor.)
- Rochester, William A., Merrick, N. Y. Powder dispensing can. 2,059,608; Nov. 3.
- Röchling, Robert. (See Zeller, Martin, assignor.)
- Rochlus, Benjamin B., Cleveland, Ohio. Color selector and indicator. 2,064,449; Dec. 15.
- Rock, Frank, Los Angeles, Calif. Motor vehicle signal. 2,026,752; Jan. 7.
- Rock, George L., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Adhesive applying apparatus. 2,049,928; Aug. 4.
- Rocke, Louis, Brooklyn, N. Y., assignor to Alphonsus J. Donahue, Stamford, Conn. Garter grip. 2,055,311; Sept. 22.
- Rocke, Louis, Brooklyn, N. Y., assignor to A. J. Donahue, Stamford, Conn. Mounting for separable fasteners. 2,064,180; Dec. 15.
- Rock Hill Printing and Finishing Company. (See Moffatt, Benjamin C., assignor.)
- Rockhill, Roscoe R., Milwaukee, Wis. Duplicator. 2,053,581; Sept. 8.
- Rockoff, Joseph, assignor to The Dayton Rubber Mfg. Company, Dayton, Ohio. Antifreeze rubber belt compound and making the same. 2,061,674; Nov. 24.
- Rockola, David C., Chicago, Ill. Game apparatus. 2,043,447; June 9.
- Rockola, David C., Chicago, Ill. Game apparatus. 2,047,800; July 14.
- Rockola, David C., Chicago, Ill. Teletale device. 2,058,722; Oct. 27.
- Rockola, David C., Chicago, Ill. Amusement apparatus. 2,061,253; Nov. 17.
- Rock-Ola Manufacturing Corporation. (See Hutter, William H., assignor.)
- Rock-Ola Manufacturing Corporation. (See Kellermann, Marvin, assignor.)
- Rock-Ola Manufacturing Corporation. (See Thiel, Erich, assignor.)
- Rockwell-Barnes Company. (See Salsman, Thomas J., assignor.)
- Rockwell, Byrd C., Sheffield, Ala., assignor of one-half to Bradley Lumber Company of Arkansas, Warren, Ark. Block flooring. 2,027,292; Jan. 7.
- Rockwell, Edward A., New York, N. Y. Combined free-wheeling and power brake unit. 2,029,637; Feb. 4.
- Rockwell, Edward A., Chicago, Ill. Fuel feeding system. 2,031,282; Feb. 18.
- Rockwell, Edward A., Chicago, Ill., assignor to Patent Engineering Corporation. Light conversion system. 2,028,475; Jan. 21.
- Rockwell, Edward A., Chicago, Ill., assignor, by mesne assignments, to General Auto Parts Corporation. Fluid pressure throttle control for engines. 2,065,909; Dec. 29.
- Rockwell, Edward A., Forest Hills, N. Y., assignor to Patent Engineering Corporation. Viscosimeter. 2,033,302; Mar. 10.
- Rockwell, Edward A., and E. R. Evans, Chicago, Ill. Power brake system for motor vehicles. 2,035,922; Mar. 31.
- Rockwell, Edward A., Chicago, Ill., and S. M. Fairchild, New York, N. Y. Apparatus for controlling engines. 2,062,824; Dec. 1.
- Rockwell, George, Fanwood, N. J. Airplane instruction device. 2,062,678; Dec. 1.
- Rockwell, Hugh M., Freeport, N. Y. Electric circuit making and breaking device. 2,050,897; Aug. 11.
- Rockwell, Hugh M., Freeport, N. Y. Internal combustion engine. 2,057,164; Oct. 13.
- Rockwell, Hugh M., Freeport, N. Y. Power transmission clutch and hydraulic control means therefor. 2,060,691; Nov. 10.



- Rockwell, Hugh M., Freeport, N. Y. Power transmission clutch. 2,060,692; Nov. 10.
- Rockwell, Hugh M., Freeport, N. Y. Motor vehicle and braking system therefor. 2,064,688; Dec. 15.
- Rockwell, W. S., Company. (See Voltmann, Henry J. N., assignor.)
- Rockwell, Walter S., Charleroi, Pa. Sign. 2,065,872; Dec. 29.
- Rockwell, Willard F., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Register box window wiper. 2,047,118; July 7.
- Rockwood, A. Waldo, Winchester, Mass. Machine for making piping, welting, finishing strips or the like. 2,062,729; Dec. 1.
- Rockwood, Aaron W., Winchester, assignor to Haley, Cate-Rockwood Company, Everett, Mass. Piping, welting, or the like. 2,052,661; Sept. 1.
- Rockwood, George H., Jr., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 2,061,254; Nov. 17.
- Rockwood, George H., Jr., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 2,061,255; Nov. 17.
- Rockwood, Ralph P., et al. (See Backer, F. E., and Moles, assignors.)
- Rocquin, Wenceslaus G., New Orleans, La., assignor to Valley Manufacturing Corporation. Rake. 2,030,183; Feb. 11.
- Rodack, James, Detroit, Mich., assignor of one-third to Paul Zinzer and two-thirds to Paul H. Travis. Panel fastener. 2,033,448; Mar. 10.
- Rodanet, Charles H. Henri, Neuilly-sur-Seine, assignor to Société Anonyme: Etablissements Ed. Jaeger, Levallois-Perret, France. Clock provided with a transparent dial and an invisible mechanism. 2,060,531; Nov. 10.
- Rodd, Ernest H., Timperley, and G. E. Watts, Brighton, England, assignors to Imperial Chemical Industries Limited. Polymethine dyes containing a pyrazolone nucleus and producing them. 2,032,502; Mar. 3.
- Roddewig, Gil, Pontiac, and C. O. Ball, Birmingham, assignors to General Motors Truck Corporation, Pontiac, Mich. Automatic pulley arrangement. 2,037,436; Apr. 14.
- Roddy, Fred M., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Traveler type ring spinning machine. 2,033,741; Mar. 10.
- Roddy, James V., assignor to Whitin Machine Works, Whittinsville, Mass. Back roll support and tension device for gill boxes. 2,034,634; Mar. 17.
- Roddy, Vincent J., assignor to American Screw Company, Providence, R. I. Recess forming punch and holder. 2,029,944; Feb. 4.
- Rode, Albert, Fort Jennings, Ohio. Corn saving device. 2,048,295; July 21.
- Rode, Friedrich J., Toledo, Ohio. Hydraulic cushion. 2,029,587; Feb. 4.
- Rodemeyer, Harry, Detroit, Mich. Fastening device. 2,055,882; Sept. 29.
- Roden, Harry. (See Gardner, E. W., Roden, and Felder.)
- Rodenbaugh, Donald I. (See Meharg, L., Kaylor, and Rodenbaugh.)
- Roder, Hans, Schenectady, N. Y., assignor to General Electric Company. Coupling. 2,036,084; Mar. 31.
- Roder, Hans, Scotia, N. Y., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation. 2,058,262; Oct. 20.
- Roder, Oskar. (See Siegens, H., and Roder.)
- Roder, Oskar, Langelsheim, and H. Siegens, Goslar, Germany, assignors to American Lurgi Corporation, New York, N. Y. Production of lithium salts and metallic lithium. 2,059,750; Nov. 3.
- Rodger Ballast Car Company. (See Hosceit, William J., assignor.)
- Rodgers, Arthur L., Livingston, Tex. Blow-out preventer. 2,037,593; Apr. 14.
- Rodgers, Earle V., Kenilworth, N. J. Waterproofed plastic paper and producing the same. 2,029,390; Feb. 4.
- Rodgers, James A. (See Dehlendorf, R. O., and Rodgers.)
- Rodgers, James L., Jr. (See Howald, A. M., and Rodgers.)
- Rodgers, James L., Jr., Toledo, Ohio, and A. M. Howald, Pittsburgh, Pa., assignors, by mesne assignments, to Plaskon Company, Incorporated. Molding resinous materials. 2,056,436; Oct. 6.
- Rodin, Fritz J., Chatham Center, N. Y. Potato harvester machine. 2,027,840; Jan. 14.
- Rodler, Waldo E. (See Choate, R. E., and Rodler.)
- Rodman, Clarence A., Fort Wayne, Ind., assignor to J. W. Macklin, Cleveland, Ohio, Trustee. Air conditioning apparatus. 2,047,799; July 14.
- Rodman, Clarence J., Alliance, Ohio, M. Hecht, and C. L. Jones, Pittsburgh, Pa., said Jones and said Hecht assignors to said Rodman. Purifying oils. 2,047,157; July 7.
- Rodman Duplicator Corporation. (See Rodman, Samuel, assignor.)
- Rodman, Ernest. (See Haight, J. W., and Rodman.)
- Rodman, Ernest, Marshallton, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigmented coating composition. 2,036,300; Apr. 7.
- Rodman, Samuel, Oakland, Calif., assignor to Rodman Duplicator Corporation. Stencil-printing machine. 2,044,738; June 16.
- Rodrigues, Frank C. (See Benkman, C. W., Rodrigues, and Opperman.)
- Rodrigues, Octavius V., Passaic, N. J., assignor to Magazine Repeating Razor Company, New York, N. Y. Razor. 2,048,565; July 21.
- Rodrigues, Octavius V., Passaic, N. J., assignor to Magazine Repeating Razor Company, New York, N. Y. Safety razor. 2,058,633; Oct. 27.
- Rodrigues, Octavius V., Passaic, N. J., assignor to Magazine Repeating Razor Company, New York, N. Y. Razor and blade magazine therefor. 2,065,748; Dec. 29.
- Rodrigues, Octavius V., Passaic, N. J., and L. Kuhn, Bridgeport, Conn., assignors to Magazine Repeating Razor Company, New York, N. Y. Magazine razor. 2,060,243; Nov. 10.
- Rodriguez, Anselmo O., Valverde-Leganés, Badajoz, Spain. Coating ferrous bodies with other metals. 2,046,036; June 30.
- Rodriguez, Anselmo O., Valverde-Leganés, Spain. Coating ferrous bodies with other metals. 2,046,037; June 30.
- Rodriguez, Gabriel C. (See Gelizo, F. S., Rodriguez, and Suarez de Deza Zapata.)
- Rodway, John. (See Boughton, E. B., and Rodway.)
- Rodwell, Albert G., Dalston, London, England. Paint. 2,046,091; June 30.
- Roe, Alexander B., Athens, Ohio. Printing press for printing wax carbon spots on sheets of paper. 2,049,274; July 28.
- Roe, Charles C., Cookeville, Tenn. Skiving machine. 2,058,356; Oct. 20.
- Roe, Charles C., Stockton, Calif. Amperage flow controlling device. 2,042,020; May 26.
- Roe, Charles C., Stockton, assignor to J. F. Knapp, Oakland, Calif., and himself, as trustees. Generator. 2,060,244; Nov. 10.
- Roe, Frank L., assignor to Pinkerton Folding Box Co., Chicago, Ill. Folding box. 2,031,575; Feb. 18.
- Roe, Harry A., Gardner, assignor to Sauerman Bros., Inc., Chicago, Ill. Scraper bucket apparatus. 2,063,698; Dec. 8.
- Roe, Ralph C., Englewood, N. J. Water refrigeration. 2,045,999; June 30.
- Roe, Robert M. (See McGee, J. M., and Roe.)
- Roe, Walter H., assignor to The National Machinery Company, Tiffin, Ohio. Adjustable die holder. 2,028,354; Jan. 21.
- Roebbing, Robert C. (See Oppenheim, Earl G., assignor.)
- Roebbling's, John A., Sons Company. (See Browne, George T., assignor.)
- Roebbling's, John A., Sons Company. (See Oppenheim, Earl G., assignor.)
- Roebbling's, John A., Sons Company. (See Morgan, Archibald J., assignor.)
- Roebuck, Leslie N., Melbourne, Victoria, Australia. Apparatus for use in the formation of artificial dentures. 2,061,484; Nov. 17.
- Roekner, Martin, and J. Severin, Mulheim-Ruhr, assignor to Deutsche Rohrenwerke Aktiengesellschaft Dusseldorf, Germany. Producing seamless tubes. 2,042,552; June 2.
- Roedding, Gordon E., assignor to Grand Rapids Brass Company, Grand Rapids, Mich. Latch. 2,028,954; Jan. 28.
- Roedding, Gordon E., assignor to Grand Rapids Brass Company, Grand Rapids, Mich. Latch. 2,029,197; Jan. 28.
- Roede, Charles B., Jersey City, N. J., assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 2,036,829; Apr. 7.
- Roedelheimer, Edgar, and T. C. Steinman, New York, N. Y. Buckle or fastening device. 2,047,432; July 14.
- Roeder, Charles, New York, N. Y. Metal frame and rail for tile. 2,032,226; Feb. 25.
- Roeder, Clarence E., Melrose, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 2,062,528; Dec. 1.
- Roeder, George H., Brooklyn, N. Y., assignor to Bio Reduction Corporation of New York, Brooklyn, N. Y. Process and apparatus for treating decomposable organic matter. 2,043,265; June 9.
- Roehl, Edward A., F. W. Carpenter, and M. L. Warner, Minneapolis, Minn., assignors to Dominion Electrical Mfg. Co., Minneapolis, Minn. Automatic flatiron. 2,052,662; Sept. 1.
- Roehm, Erwin G. (See Peaslee, W., Nenninger, and Roehm.)
- Roehm, Erwin G. (See Romaine, M., and Roehm.)
- Roehm, Erwin G., Norwood, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Broaching machine. 2,043,420; June 9.
- Roehm, Erwin G., Norwood, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,048,467; July 21.
- Roehm, Erwin G., Norwood, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Broaching machine. 2,049,623; Aug. 4.
- Roehm, Erwin G., Norwood, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Spiral milling machine. 2,050,124; Aug. 4.
- Roehm, Erwin G., Norwood, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Broaching machine. 2,052,248; Aug. 25.
- Roehm, Erwin G., Norwood, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 2,052,249; Aug. 25.



- Roehm, Erwin G., Norwood, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Eccentric miller. 2,054,168; Sept. 15.
- Roehm, Erwin G., Norwood, and M. Romaine, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Broaching machine. 2,047,034; July 7.
- Roehm, John G., and S. C. Bliss, Oneida, assignors, by mesne assignments, to Smith Hood & Seal Corporation, Syracuse, N. Y. Bottle capping machine. 2,035,983; Mar. 31.
- Roehner, Theodore G. (See Herrmann, L. A., and Roehner.)
- Roehrich, Carl, Berlin, Germany. Apparatus for the production of lens line-screen films for color photography. 2,048,816; July 28.
- Roehrl, Bruno C., Binghamton, N. Y. Emergency-brake and gear-shift control. 2,039,553; May 5.
- Roehrl, Bruno C., assignor to Agfa Ansco Corporation, Binghamton, N. Y. Photographic copying apparatus. 2,031,071; Feb. 18.
- Roell, Joseph W., et al. (See Downing, Virgil S., assignor.)
- Roemer, George R., Brooklyn, N. Y., assignor of one-half to Henry A. Roemer, Youngstown, Ohio. Rolling mill. 2,044,545; June 16.
- Roemer, Henry A. (See Roemer, George R., assignor.)
- Roemer, James L., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Counting apparatus. 2,059,398; Nov. 3.
- Roepke, William J., Los Angeles, Calif. Aircraft lift rotor and rotor pack. 2,048,950; July 28.
- Roës, Georges, Paris, France. Automatic starter for motors. 2,053,634; Sept. 8.
- Roesch, Alphonse (administrateur de bonis non). (See Rush, Albert.)
- Roesch, Frank P., Chicago, Ill., assignor to The Standard Stoker Company, Incorporated. Stoker mechanism. 2,056,368; Oct. 6.
- Roesch, Frank P., Chicago, Ill., assignor to The Standard Stoker Company, Incorporated. Fuel distributor. 2,058,828; Oct. 27.
- Roesch, Georges H., assignor of one-half to Clement Talbot Limited, London, England. Power-transmission mechanism. 2,038,450; Apr. 21.
- Roesch, Georges H., assignor of one-half to Clement Talbot Limited, London, England. Change speed mechanism for variable speed gears. 2,045,412; June 23.
- Roesener, Harry W., Philadelphia, Pa., assignor to Merchantville Hosiery Company, Merchantville, N. J. Stocking ankle fabric. 2,048,296; July 21.
- Roesner, Siegmund, Oak Park, Ill. Printer's plate clamping device. 2,052,989; Sept. 1.
- Roessel, Louis O. E., Chappaqua, N. Y. Antiskidding device for automobiles. 2,044,812; June 23.
- Roessel, Louis O. E., Chappaqua, N. Y. Rake. 2,049,868; Aug. 4.
- Roessel, Louis O. E., Chappaqua, N. Y. Lawn mower. 2,056,369; Oct. 6.
- Roessler, Edward W., Nutley, N. J., assignor to General Electric Company. Reversible refrigerating system. 2,066,161; Dec. 29.
- Roet, Isaac, Amsterdam, Netherlands. Substitute for handkerchiefs. 2,055,559; Sept. 29.
- Roeterink, Frans M., assignor, by mesne assignments, to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands. Flexible electric cable. 2,059,146; Oct. 27.
- Roethel, John H., assignor to Automobile Ventilation, Inc., Detroit, Mich. Window regulator. 2,033,788; Mar. 10.
- Roethel, John H., Detroit, Mich. Window regulator. 2,052,800; Sept. 1.
- Roethel, John H., Detroit, Mich. Window regulator. 2,066,056; Dec. 29.
- Roethel, John H., Detroit, Mich. Window regulator. 2,066,057; Dec. 29.
- Roffeni Tiraferri, Luigi, Bologna, and C. Mazzetti, Rome, Italy. Degumming textile fibers. 2,064,130; Dec. 15.
- Rogan, John J., Elmhurst, N. Y., assignor to Hygrade Sylvania Corporation, Salem, Mass. Electrooptical system. 2,055,088; Sept. 22.
- Rogatz, Henry, Sayre, assignor to Phillips Petroleum Company, Bartlesville, Okla. Drill cutter. 2,027,700; Jan. 14.
- Rogers, Arthur O. (See Nelson, R. E., and Rogers.)
- Rogers, Charles J., and W. F. Rogers, assignors to Crown Stove Works, Cicero, Ill. Stove construction. 2,030,540; Feb. 11.
- Rogers, Clarence B., Seattle, Wash. Check draft damper. 2,033,398; Mar. 10.
- Rogers, Clifford H., assignor of twenty-four per cent to J. Kaufman, and twenty-four per cent to J. K. Carr, Portland, Ore. Vehicle brake. 2,026,595; Jan. 7.
- Rogers, Clifford H., assignor of twenty-four per cent to J. Kaufman and twenty-four per cent to J. K. Carr, Portland, Ore. Vehicle braking mechanism. 2,055,775; Sept. 29.
- Rogers, Clifford R. (See Baker, D. B., and Rogers.)
- Rogers, Clifford R. (See Baker, D. B., Rogers, and Penzegrau.)
- Rogers, Dana A. (See Sheard, C., Sanford, and Rogers.)
- Rogers, Daniel E., Gravelly Hill, Birmingham, England. Electrically operated fan. 2,050,764; Aug. 11.
- Rogers, David M., et al. (See Lier, Robert P., assignor.)
- Rogers, Donald G., Ridgewood, N. J., assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Preparation of alizarin and its salts. 2,023,879; Jan. 28.
- Rogers, Edmund. (See Werder, John F., assignor.)
- Rogers, Elmer J., Randolph Field, Tex. Flight meter. 2,041,151; May 19.
- Rogers, Francis M., assignor to Standard Oil Company, Whiting, Ind. Desulphurizing petroleum oils. 2,028,995; Jan. 28.
- Rogers, George E., Moreton, England. Apparatus for the manufacture of bricks or the like. 2,028,523; Jan. 21.
- Rogers, Gilbert E., Rockaway, N. J. Fuse for projectiles. 2,043,266; June 9.
- Rogers, Harold G., assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute harness. 2,040,533; May 12.
- Rogers, Harry E., Wynnewood, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Apparatus for making castings. 2,028,624; Jan. 21.
- Rogers, Homer L. (See Voigt, P. A., and Rogers.)
- Rogers, Homer L., Dayton, Ohio, assignor to Johns-Manville Corporation, New York, N. Y. Preformed product and making same. 2,051,532; Aug. 18.
- Rogers, Horace B., Norfolk, Va. Air conditioning apparatus for automobiles. 2,050,381; Aug. 11.
- Rogers, Howard H., Moline, Ill. Hold-down for shears and the like. 2,056,487; Oct. 6.
- Rogers, Ivan, Detroit, Mich. Beater. 2,044,331; June 16.
- Rogers, Jesse L., Washington, D. C. Duplicating machine. 2,058,507; Oct. 27.
- Rogers, Kay. (See Kline, T. S., and Rogers.)
- Rogers, L. H. (See Little, Hiram P., assignor.)
- Rogers, Lawrence D. (See Duty, D. G., and Rogers.)
- Rogers, Leo M., New York, N. Y. Making stabilized coffee. 2,062,109; Nov. 24.
- Rogers, Louis J., Albion, Pa. Vehicle wheel for dual demountable rims. 2,039,554; May 5.
- Rogers, Matt E., Arroyo Grande, Calif. Cuspidor. 2,063,559; Dec. 8.
- Rogers, Paul M. (See Rosch, S. J., di Lustro, and Rogers.)
- Rogers, Paul M., Orange, Calif., assignor to Anaconda Wire & Cable Company, New York, N. Y. Wire covering machine. 2,048,893; July 28.
- Rogers Radio Tubes, Ltd. (See Parker, Henry W., assignor.)
- Rogers Radio Tubes, Ltd. (See Parker, H. W., and Yorke, assignors.)
- Rogers, Raymond R. (See Armstrong, P. A. E., and Rogers.)
- Rogers, Robert W. (See Walker, A. W., and Rogers.)
- Rogers, Roy L., Mittineague, Mass. Sanding apparatus. 2,032,667; Mar. 3.
- Rogers, Stewart, Toronto, Ontario, Canada. Thermostatic control. 2,037,486; Apr. 14.
- Rogers, Stewart H., Pasadena, Calif. Artificial flower and method of and apparatus for making the same. 2,054,605; Sept. 15.
- Rogers, Theodore C. (See Leibe, F. A., and Rogers.)
- Rogers, Thomas H. (See Adams, E. W., and Rogers.)
- Rogers, Thomas H., and V. Voorhees, Hammond, Ind., assignors, by mesne assignments, to Gasoline Antioxidant Company, Wilmington, Del. Motor fuel products. 2,030,940; Feb. 18.
- Rogers, Walter F. (See Rogers, Charles J., and W. F.)
- Rogers, Walter F., assignor to Crown Stove Works, Cicero, Ill. Heat regulator for stove ovens. 2,032,594; Mar. 3.
- Rogers, Walter F., Chicago, assignor to Crown Stove Works, Cicero, Ill. Street crossing sign. 2,065,097; Dec. 22.
- Rogers, William W., et al. (See Robinson, William A., assignor.)
- Rogge, Albert C. (See Gordon, H., and Rogge.)
- Rogge, Gustav A. (See Beck, R. W., and Rogge.)
- Rognebakke, Einar, Fertile, Minn. Door check. 2,050,125; Aug. 4.
- Rohatyn, Isaac W., New York, N. Y. Bag pocket. 2,057,267; Oct. 13.
- Rohde, Max. (See Flammiger, W., and Rohde.)
- Rohland, Curt J., Seekonk, Mass., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Fire alarm device. 2,043,122; June 2.
- Rohlin, Karl W., Merchantville, assignor to Warren Webster & Company, Camden, N. J. Heating system and valve mechanism therefor. 2,065,198; Dec. 22.
- Rohlin, Victor A., assignor to Cochrane Corporation, Philadelphia, Pa. Water purifying and degasifying apparatus. 2,047,291; July 14.
- Rohlin, Victor A., assignor to Cochrane Corporation, Philadelphia, Pa. Water purifying and degasifying apparatus. 2,047,292; July 14.
- Rohlin, Victor A., Philadelphia, Pa., and F. M. Patterson, Pitman, N. J., assignors to Cochrane Corporation, Philadelphia, Pa. Control valve. 2,037,540; Apr. 14.
- Rohlin, Victor A., Philadelphia, Pa., and F. M. Patterson, Pitman, N. J., assignors to Cochrane Corporation, Philadelphia, Pa. Control valve. 2,037,541; Apr. 14.
- Röhm & Haas, Aktiengesellschaft, Chemische Fabrik. (See Anton, Alfred, assignor.)
- Röhm & Haas Company. (See Andrews, C. E., and Spence, assignors.)
- Röhm & Haas Company. (See Bruson, Herman A., assignor.)
- Röhm & Haas Company. (See Bruson, H. A., and Covert, assignors.)



- Rohm & Haas Company. (See Bruson, H. A., and Stein, assignors.)
- Röhm & Haas Company. (See Hester, William F., assignor.)
- Röhm & Haas Company. (See Neher, Harry T., assignor.)
- Röhm & Haas Company. (See Powers, D. H., and Bock, assignors.)
- Röhm & Haas Company. (See Turley, H. G., and Somerville, assignors.)
- Röhm & Haas Company. (See Wasmund, Wilhelm, assignor.)
- Röhm & Haas Company. (See Ziegler, Karl, assignor.)
- Röhm, Heinrich, Zella-Mehlis, Germany. Live center. 2,056,586; Oct. 6.
- Rohn, Wilhelm, Hanau-on-the-Main, Germany. Heat resisting article. 2,061,370; Nov. 17.
- Rohman, George. (See Donahue, J. J., and Rohman.)
- Rohme, Even J., assignor to R. Ladue, Minneapolis, Minn. Heating element. 2,034,486; Mar. 17.
- Rohn, Chester F. and F. A., Milwaukee, Wis. Shoe. 2,049,227; July 28.
- Rohn, Franklin A. (See Rohn, C. F. and F. A.)
- Rohn, John E., Rockville Centre, N. Y., assignor to Autographic Register Company, Hoboken, N. J. Manifold device. 2,045,102; June 23.
- Rohn, Wilhelm. (See Gruber, H., and Rohn.)
- Rohn, Wilhelm, Hanau-on-the-Main, Germany. Continuous rolling mill. 2,036,101; Mar. 31.
- Rohn, Wilhelm, assignor to Heraeus-Vacuumschmelze A. G., Hanau-on-the-Main, Germany. Vacuum method of manufacturing steel. 2,040,566; May 12.
- Rohne, Even J., assignor to G. G. Struhters, Minneapolis, Minn. Humidostat. 2,064,948; Dec. 22.
- Rohner, Arnold J. (See Burt, A. D., Rohner, and Shoup.)
- Rohner, Leonard V. (See Kniskern, W. H., and Rohner.)
- Rohnfeld, Johannes, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Short wave-long wave receiver. 2,031,130; Feb. 18.
- Rohr, Mamie E., Lynchburg, Va. Handbag. 2,053,496; Sept. 8.
- Rohrbach, Hermann, Wolfen, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo-dyes. 2,055,050; Sept. 22.
- Rohrer, Lorenz, assignor to P. E. Schoenfelder, Munich, Germany. Typewriting and similar machine. 2,037,178; Apr. 14.
- Rohrmann, Fred E., Milwaukee, Wis. Cuspidor liner. 2,057,846; Oct. 20.
- Röhrs, John E., Schenefeld, Germany, Button. 2,049,869; Aug. 4.
- Rohwedder, Otto F., Davenport, assignor to Micro-Westco, Incorporated, Bettendorf, Iowa. Art of and machine for slicing bakery products. 2,061,315; Nov. 17.
- Rohwedder, Otto F., Davenport, Iowa, assignor to The Micro Corporation, Bettendorf, Iowa. Slicing machine. 2,034,250; Mar. 17.
- Roinstad, Selmer, Keosha, Wis., assignor to Scott & Williams, Incorporated, New York, N. Y. Weight device. 2,047,888; July 14.
- Roinstad, Selmer, Kenosha, Wis., assignor to Scott & Williams, Incorporated, New York, N. Y. Point for transfer rings. 2,062,935; Dec. 1.
- Rojas Chemical Works, Inc. (See Rojas, Floricel A., assignor.)
- Rojas, Floricel A., assignor to Rojas Chemical Works, Inc., New York, N. Y. Electrolytic deposition of chromium. 2,040,881; May 19.
- Rojo, Guadalupe, Alton, Ill. Fishing appliance. 2,057,595; Oct. 13.
- Roko Corporation. (See Coberly, Clarence J., assignor.)
- RoKo Corporation. (See Coberly, C. J., and Wagner, assignors.)
- Rola Company, The. (See Engholm, Bernard A., assignor.)
- Roland, Frank H. (See McFall, R. J., and Roland.)
- Roland, Thomas C., Bay Harbor, Fla. Combination bench leg rest, and mirror. 2,056,075; Sept. 29.
- Rolen, Carl R., Waukesha, Wis. Apparatus for injecting graphite into engines. 2,042,191; May 26.
- Rolfs, Eugene L., Clayton, Mo., assignor to Johns-Manville Corporation, New York, N. Y. Pipe wrapping machine. 2,036,887; Apr. 7.
- Rolker, Edwin, Baltimore, Md. Brush. 2,064,949; Dec. 22.
- Roll, Josef, Hamborn-Bruckhausen, Germany. Influencing the chemical and physical properties of blast furnace slags. 2,057,919; Oct. 20.
- Rollason, Charles H., assignor to Boyle Manufacturing Company, Inc., Los Angeles, Calif. Pour pail. 2,031,006; Feb. 18.
- Rollason, Charles H., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Sanitary shipping container. 2,031,855; Feb. 25.
- Rollbühler, Hans, and W. Döbbelin, assignors to F. Menard, Schwabisch-Gmund, Germany. Making plaques for spectacles or eye-glasses. 2,065,098; Dec. 22.
- Rolle, Edward, assignor to Standard Oil Company of California, San Francisco, Calif. Proportional odorizer. 2,058,508; Oct. 27.
- Roller Bearing Company of America. (See Lemell, Max H., assignor.)
- Roller-Smith Company. (See Wood, Joseph D., assignor.)
- Rolph, Samuel F., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 2,032,765; Mar. 3.
- Rolph, Thomas W. (See Dorey, W. A., and Rolph.)
- Rolscreen Company. (See Kuyper, Peter H., assignor.)
- Rolscreen Company. (See Moore, Hubert, assignor.)
- Rolstad, Melvin, Mankato, Minn. Lather making machine. 2,057,791; Oct. 20.
- Rolston, Kenneth P., Pittsburgh, Pa., assignor to Screw Machine Specialty Company. Tear-gas billy. 2,050,861; Aug. 11.
- Romaine, Millard. (See Nenninger, L. F., Romaine, and Sassen.)
- Romaine, Millard. (See Roehm, E. G., and Romaine.)
- Romaine, Millard, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machinery. 2,065,100; Dec. 22.
- Romaine, Millard, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Broaching machine fixture. 2,065,101; Dec. 22.
- Romaine, Millard, and W. D. Archea, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,065,099; Dec. 22.
- Romaine, Millard, Cincinnati, and E. G. Roehm, Norwood, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Machine tool mechanism. 2,033,449; Mar. 10.
- Romaine, Millard, Cincinnati, and E. G. Roehm, Norwood, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Planetary milling machine. 2,033,450; Mar. 10.
- Romaine, Millard, Cincinnati, and E. G. Roehm, Norwood, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Planetary milling machine. 2,039,349; May 5.
- Romaine, Millard, Cincinnati, and E. G. Roehm, Norwood, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Broaching machine. 2,063,756; Dec. 8.
- Romano, Eugene J., Seattle, Wash. Submarine salvage apparatus. 2,061,256; Nov. 17.
- Romano, Eugene J., Seattle, Wash., Lula Romano, administratrix of said Eugene J. Romano, deceased. Underwater salvage device. 2,040,956; May 19.
- Romano, Gaetano E., Fairview Village, Ohio. Cushion heel. 2,033,399; Mar. 10.
- Romano, Lula (administratrix). (See Romano, Eugene J.)
- Romanov, Maxim R., Rostov/Don, Union of Soviet Socialist Republics. Net making machine. 2,036,774; Apr. 7.
- Romberg, Heinrich, assignor to Rheinische Metallwaren- und Maschinenfabrik, Düsseldorf, Germany. Cartridge feed device. 2,047,596; July 14.
- Rome, Jacques, and K. Rubenstein, Paris, France. Garage for automobiles and the like. 2,028,476; Jan. 21.
- Romine, John A. (See Romine, John A., and J. M.)
- Romine, John A., and J. M. Romine, Etta Green, Ind. Plowshare. 2,031,548; Feb. 18.
- Römmert, Georg, Chicago, Ill. Apparatus for microscopic projections. 2,058,179; Oct. 20.
- Romnes, Haakon I., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control circuit. 2,031,980; Feb. 25.
- Romney, Reuben, Jr., assignor to Cheezits Corporation, Salt Lake County, Utah. Cooking edibles. 2,036,360; Apr. 7.
- Romort Manufacturing Company. (See Ewald, Arno A., assignor.)
- Rompe, Robert, Berlin, Germany, assignor to General Electric Company. Gaseous electric discharge lamp device. 2,030,399; Feb. 11.
- Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,064,320; Dec. 15.
- Ronci, Victor L., and D. A. S. Hale, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resilience and stiffness testing device. 2,034,879; Mar. 24.
- Roneo Limited. (See Tollefsen, Carl T., assignor.)
- Roniger, Charles J., New Orleans, La. Carbon paper rejuvenator. 2,060,693; Nov. 10.
- Ronning, Adolph, Minneapolis, Minn. Power transmission. 2,027,618; Jan. 14.
- Ronning, Adolph, Minneapolis, Minn. Traction machine. 2,046,429; July 7.
- Ronning, Adolph, Minneapolis, Minn. Crop harvesting apparatus. 2,048,141; July 21.
- Ronning, Adolph, Minneapolis, Minn. Hose gasket making device. 2,049,624; Aug. 4.
- Ronning, Adolph, Minneapolis, Minn. Power grader. 2,065,397; Dec. 22.
- Ronning, Adolph, and A. G. Ronning, deceased, by A. and J. A. Ronning, executors, Minneapolis, Minn., assignors to International Harvester Company. Tractor axle extension. 2,031,333; Feb. 18.
- Ronning, Andrean G. (See Ronning, Adolph, and A. G.)
- Ronning, Jacob A., et al., executors. (See Ronning, and A. G.)
- Ronstadt, Claudia S. (See Ronstadt, John B., assignor.)
- Ronstadt, John B., Long Beach, Calif., assignor, by decree of court, to C. S. Ronstadt, widow. Garden implement. 2,045,728; June 30.
- Ronyak, Steven. (See Van Uum, J. H., Ronyak, and Hoffman.)
- Rood, Lynn C., St. Paul, Minn. Container. 2,056,297; Oct. 6.



- Rooke, Robert M., Jersey City, N. J., and F. C. Saacke, assignors to Air Reduction Company, Incorporated, New York, N. Y. Welding and fusing metal. 2,043,811; June 9.
- Rooney, James H., and R. J. Ward, Spondon, near Derby, England, assignors to Celanese Corporation of America. Conveying materials in the form of long webs or sheets. 2,027,451; Jan. 14.
- Rooney, John E. (See New, Gustave A., assignor.)
- Rooney, Walter E. (See Jacobs, S. S., and Rooney.)
- Rooney, Walter E., Bellingham, Wash., assignor to American Can Company, New York, N. Y. Fish-canning machine. 2,039,350; May 5.
- Rooney, Walter E., Bellingham, Wash., assignor to American Can Company, New York, N. Y. Fish canning machine. 2,044,813; June 23.
- Roop, Harold D., Detroit, Mich. Metal testing device. 2,055,672; Sept. 29.
- Roos, Axel J., Chico, Calif. Beater. 2,028,921; Jan. 28.
- Roos, Carlisle K., Wheaton, assignor to United States Gypsum Company, Chicago, Ill. Core composition and manufacturing same. 2,044,401; June 16.
- Roos, Carlisle K., Wheaton, assignor to United States Gypsum Company, Chicago, Ill. Acoustic corrective material. 2,052,517; Aug. 25.
- Roos, Carlisle K., Wheaton, and G. D. King, assignors to United States Gypsum Company, Chicago, Ill. Acoustical wall covering. 2,045,311; June 23.
- Roos, Carlisle K., Wheaton, and G. D. King, assignors to United States Gypsum Company, Chicago, Ill. Acoustical wall covering. 2,045,312; June 23.
- Roos, Carlisle K., Wheaton, and G. D. King, assignors to United States Gypsum Company, Chicago, Ill. Acoustical wall covering. 2,045,313; June 23.
- Roos, Carlisle K., Wheaton, J. S. Offutt, Chicago, and H. A. Scholz, Oak Park, assignors to United States Gypsum Co., Chicago, Ill. Acoustical paint. 2,046,296; June 30.
- Roos, Delmar G., assignor to The Studebaker Corporation, South Bend, Ind. Internal combustion engine. 2,038,085; Apr. 21.
- Roos, Hans. (See Clingstein, H., Roos, and Heusner.)
- Roos, Hans, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,061,104; Nov. 17.
- Roos, Hermann. (See Punga, F., and Roos.)
- Roosenstein, Hans O. (See Gothe, A., and Roosenstein.)
- Roosenstein, Hans O. (See Huber, W., and Roosenstein.)
- Roosenstein, Hans O. (See Jobst, G., and Roosenstein.)
- Roosenstein, Hans O. (See Kautter, W., and Roosenstein.)
- Roosenstein, Hans O. (See Klotz, E., and Roosenstein.)
- Roosenstein, Hans O. (See Prinz, D., and Roosenstein.)
- Roosenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiving system adapted to practice secret communication method. 2,034,775; Mar. 24.
- Roosenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Circuit scheme for suppression of carrier waves. 2,035,013; Mar. 24.
- Roosenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tuning indicator for receiver sets. 2,050,808; Aug. 11.
- Roosenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Piezo-electric crystal holder. 2,058,804; Apr. 28.
- Roosenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ohmic resistance for high frequencies. 2,059,034; Oct. 27.
- Roosenstein, Hans O., W. Kautter and H. Rothe, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge tube. 2,029,391; Feb. 4.
- Roosenstein, Hans O., and W. Runge, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Signaling. 2,065,826; Dec. 29.
- Rosch, Arthur, Brieselang Sud, Germany, assignor to General Electric Company. Hydraulic regulating mechanism. 2,057,596; Oct. 13.
- Roscoe, Merrill W. (See Crumb, C. F., and Roscoe.)
- Root, A. I., Company, The. (See Root, Huber H., assignor.)
- Root, Huber H., assignor to The A. I. Root Company, Medina, Ohio. Candle and method relating thereto. 2,052,005; Aug. 25.
- Root Spring Scraper Company. (See Weeks, Ernest A., assignor.)
- Root, Walter S., Jr., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Thermostatically operated valve. 2,062,936; Dec. 1.
- Root, Walter S., Jr., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Thermostatic valve device. 2,062,937; Dec. 1.
- Roots-Connersville Blower Corporation. (See Brady, Francis E., assignor.)
- Roper, Geo. D., Corporation. (See Cauger, Frank A., assignor.)
- Roper, Geo. D., Corporation. (See Hobson, Stanley H., assignor.)
- Roper, Geo. D., Corporation. (See Hobson, S. H., and Hollman, assignors.)
- Roper, Thomas D., Jr. (See Cox, H. L., and Roper.)
- Rorden, Harold L., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Impulse generator. 2,064,630; Dec. 15.
- Roren, Albert, et al. (See Olsen, Oscar A., assignor.)
- Roren, Albert H. (See Clarke, C. A., and Wright, assignors.)
- Rosales, Arturo, Panama, Panama. Crate. 2,031,737; Feb. 25.
- Roscher, Louis A. (See Shepherd, Milton S., assignor.)
- Rosch, Arthur, Berlin, Germany, assignor to General Electric Company. Elastic fluid turbine power plant. 2,048,566; July 21.
- Rosch, Samuel J., Yonkers, assignor to Anaconda Wire & Cable Company, New York, N. Y. Insulated conductor. 2,045,103; June 23.
- Rosch, Samuel J., Yonkers, assignor to Anaconda Wire & Cable Company, New York, N. Y. Reinforced sheathed cable. 2,045,104; June 23.
- Rosch, Samuel J., Yonkers, and V. F. di Lustro, Irvington, N. Y., and F. M. Rogers, Orange, Calif., assignors to Anaconda Wire & Cable Company, New York, N. Y. Manufacturing insulated conductors. 2,048,894; July 28.
- Rosche, Fred C., et al. (See Wagner, Albert G., assignor.)
- Roscoe, Edwin S., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Perforator. 2,028,848; Jan. 28.
- Roscoe, Edwin S., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Apparatus for sorting papers, cards, and the like. 2,055,864; Sept. 22.
- Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Apparatus for delivering powdery material. 2,030,541; Feb. 11.
- Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Toffee cutting mechanism. 2,033,789; Mar. 10.
- Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Cigarette wrapping machine. 2,039,033; Apr. 28.
- Rose, Alfred G., Gainsborough, England, assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Cigarette package. 2,042,073; May 26.
- Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Packing machine. 2,050,126; Aug. 4.
- Rose, Bennie A., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine generator rotor. 2,064,033; Dec. 15.
- Rose, Bernard L., assignor to The Standard Oil Company, Cleveland, Ohio. Making asphalt. 2,028,922; Jan. 28.
- Rose Brothers (Gainsborough) Limited. (See Rose, Alfred G., assignor.)
- Rose, David, Waltham, Mass. Infant's undergarment. 2,058,509; Oct. 27.
- Rose, Ernest, Washington, D. C., assignor to International Business Machines Corporation, New York, N. Y. Multicolumn selector. 2,032,766; Mar. 3.
- Rose, Ernest H., Los Angeles, and W. T. MacDonald, La Jolla, Calif. Separating solids by flotation. 2,040,187; May 12.
- Rose, Eugene, Clarksburg, W. Va. Electromagnetic brake. 2,053,166; Sept. 1.
- Rose, Francis L. (See Mendoza, M., and Rose.)
- Rose, George M., Jr., Orange, N. J., assignor to Radio Corporation of America. Tube base. 2,030,184; Feb. 11.
- Rose, George M., Jr., Orange, N. J., assignor to Radio Corporation of America. Stem for electron discharge devices. 2,030,185; Feb. 11.
- Rose, George M., Orange, N. J., assignor to Radio Corporation of America. Stem making apparatus. 2,030,186; Feb. 11.
- Rose, Henry J., assignor to The Atlantic Refining Company, Philadelphia, Pa. Wax composition. 2,036,301; Apr. 7.
- Rose, Herbert A., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical control system. 2,053,445; Sept. 8.
- Rose, Herbert A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric current conversion system. 2,060,471; Nov. 10.
- Rose, Herbert A., Wilksburg, and A. J. Maslin, Sharpsville, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ignition transformer. 2,032,151; Feb. 25.
- Rose, Herbert A., Pittsburgh, and D. Silverman, Wilksburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric conversion system. 2,039,034; Apr. 28.
- Rose, James A., Lancaster, Pa. Transformer. 2,033,206; Mar. 10.
- Rose, James F., Hibbing, Minn. Railroad grade crossing. 2,042,805; June 2.
- Rose, John J., Dayton, Ohio. Ignition timing apparatus. 2,040,106; May 12.
- Rose, John J., Dayton, Ohio. Collar locking device. 2,051,899; Aug. 25.
- Rose, Joseph F., Battle Creek, Mich. Rake. 2,033,451; Mar. 10.
- Rose, Joseph F., Battle Creek, Mich. Automatic cock lock. 2,048,353; July 21.
- Rose, Laddie. (See Hazle, A. J., Jr., and Rose.)
- Rose, Louis, Erie, Pa. Shoe cleaning device. 2,063,123; Dec. 8.
- Rose, Milton M. (See Greer, H. C., Cappel, Shoemaker, Nyberg, Friedman, and Rose.)



- Rose Patch & Label Company. (See Rosenthal, Arthur, assignor.)
- Rose, William, Islip, N. Y. Stitching machine. 2,057,920; Oct. 20.
- Rose, William H., Jersey City, N. J. Suspending device. 2,048,519; July 21.
- Rose, William H., Jersey City, N. J. Muffler. 2,055,560; Sept. 29.
- Rose, William H., Jersey City, N. J. Wetting device. 2,059,748; Nov. 3.
- Rose, William O., assignor of one-eighth to R. C. Mercer, one-eighth to W. B. Fisher, and one-eighth to R. Koepfle, Wyandotte, Mich. Starter drive for automobile engines or the like. 2,057,633; Oct. 13.
- Rosebaum, John O., et al. (See Robinson, William A., assignor.)
- Rosebrook, Guy L., South Orange, N. J., assignor to Standard Oil Development Company. Servicing automotive vehicles. 2,049,025; July 28.
- Rosecrans, Crandall Z. (See Eberle, F., and Rosecrans.)
- Rosefield, John B., Oakland, Calif. Insect poison container. 2,060,245; Nov. 10.
- Roselius, Wilhelm H., Bremen, Germany. Manufacture of denicotinized tobacco products. 2,048,624; July 21.
- Rosell, Joaquin, Barcelona, Spain, assignor to General Railway Signal Company, Rochester, N. Y. Railway signaling system. 2,035,407; Mar. 24.
- Roselle, Walter A., New York, N. Y. Sanitary collapsible container. 2,038,760; Apr. 28.
- Roselund, Harold A., assignor to The De Vilbiss Co., Toledo, Ohio. Spray gun. 2,052,362; Aug. 25.
- Roseman, Leo, Newark, N. J. Snap fastener tape. 2,033,650; Mar. 10.
- Roseman, Leo, Newark, N. J. Head and socket fastener tape. 2,033,651; Mar. 10.
- Roseman, Leo, Newark, N. J. Strap coupler. 2,048,408; July 21.
- Roseman, Leo, Newark, N. J. Sewing machine and sewing. 2,052,896; Sept. 1.
- Roseman, Leo, assignor to Prime Machine Co. Inc., Newark, N. J. Multiple direction sewing machine. 2,064,221; Dec. 15.
- Roseman, Leo, Newark, N. J. Fastener for garments of elastic fabric. 2,064,222; Dec. 15.
- Rosen, Elliott. (See Smith, Harold A., assignor.)
- Rosen, Fred, St. Paul, Minn. Garment hanger. 2,046,654; July 7.
- Rosen, Jacob J., Brooklyn, N. Y. Window wiper. 2,043,775; June 9.
- Rosen, Milton J., New York, N. Y. Sink attachment. 2,045,965; June 30.
- Rosen, Oscar, Brighton, Mass. Invisible hood for garments. 2,036,609; Apr. 7.
- Rosen, Raphael. (See Buc, H. E., and Rosen.)
- Rosen, Shy, New York, N. Y., assignor, by mesne assignments, to Vincent Wright, Alameda, Calif. Container. 2,033,550; Mar. 10.
- Rosen, Shy, Flushing, N. Y. Composite commodity wrapper and constructing same. 2,048,895; July 28.
- Rosen, Shy, Flushing, N. Y. Bag closure. 2,051,106; Aug. 18.
- Rosenbaum, Alvin H. (See Lang, H. M., and Rosenbaum.)
- Rosenberg, Egon, Berlin, and P. H. Appel, Hamburg, Germany. Device for radioactive impregnation of materials. 2,056,370; Oct. 6.
- Rosenberg, George, New Rochelle, N. Y. Case. 2,055,389; Sept. 22.
- Rosenberg, George S., assignor of one-half to H. D. Kane, Minneapolis, Minn. Tooth brush. 2,059,914; Nov. 3.
- Rosenberg, Harry. (See Lang, Martin H., assignor.)
- Rosenberg, Harry, St. Paul, Minn. Mattress side and making the same. 2,048,951; July 28.
- Rosenberg, Harry E., Brooklyn, N. Y. Removable hand-bag cover. 2,036,608; Apr. 7.
- Rosenberg, Harry M. (See Eck, H. P., I. B., and H. M. Rosenberg, and Fleer.)
- Rosenberg, Henriette, Brooklyn, N. Y. Combination outing seat and valise. 2,047,035; July 7.
- Rosenberg, Heyman, New York, N. Y. Fastener and producing same. 2,032,099; Feb. 25.
- Rosenberg, Jacob E., Pittsburgh, Pa., assignor to The O. Hommel Company. Production of enamelware. 2,043,559; June 9.
- Rosenberg, Ray, Brooklyn, N. Y. Self adjusting book cover. 2,053,050; Sept. 1.
- Rosenberg, Stig E., Brockton, Mass. Punching die for perforating machines. 2,055,911; Sept. 29.
- Rosenberger, George W. (See Lewis, R. H., and Rosenberger.)
- Rosenberger, Konrad. (See Kaufmann, W., Eckstein, and Rosenberger.)
- Rosenberger, William A., assignor to Pangborn Corporation, Hagerstown, Md. Blast cleaning machine. 2,037,047; Apr. 14.
- Rosenberger, William A., assignor to Pangborn Corporation, Hagerstown, Md. Room front construction for sand blasting apparatus. 2,063,054; Dec. 8.
- Rosenblad, Curt, Sodertalje, Sweden. Drying cylinder machine. 2,038,855; Apr. 28.
- Rosenblad, Curt F., Sodertalje, Sweden. Heat exchange apparatus. 2,060,440; Nov. 10.
- Rosenbloom, Israel, and R. Born, Pittsburgh, assignors to Ruffsdaile Distilling Company, Braddock, Pa. Bottle closure. 2,029,896; Feb. 4.
- Rosenblum, George M., Brooklyn, assignor to Radio Corporation of America, New York, N. Y. Control for radio apparatus. 2,059,279; Nov. 3.
- Rosenblum, Israel, Jackson Heights, N. Y. Resinous condensation products and producing same. 2,056,211; Oct. 6.
- Rosenblum, Israel, Jackson Heights, N. Y. Polybasic aliphatic acid-polyhydric alcohol resin. 2,063,854; Dec. 8.
- Rosenblum, Israel, Jackson Heights, N. Y. Polybasic aliphatic acid-polyhydric alcohol resin. 2,063,855; Dec. 8.
- Rosenblum, Israel, Jackson Heights, N. Y. Succinic acid resin. 2,063,856; Dec. 8.
- Rosenblum, Israel, Jackson Heights, N. Y. Resinous condensation product and producing same. 2,064,950; Dec. 22.
- Rosendahl, Nils M., assignor to Universal Crusher Company, Cedar Rapids, Iowa. Bearing and oiling system therefor. 2,045,026; June 23.
- Rosendahl, Nils M., assignor to Universal Crusher Company, Cedar Rapids, Iowa. Oiling system. 2,046,092; June 30.
- Rosendale, Robert W., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cabinet. 2,058,263; Oct. 20.
- Rosene, Victor E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control circuit. 2,030,400; Feb. 11.
- Rosene, Victor E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control circuits. 2,060,898; Nov. 17.
- Rosener, Leland S., assignor to The Paraffine Companies, Inc., San Francisco, Calif. Pipe wrapping machine. 2,027,704; Jan. 14.
- Rosener, Leland S., assignor to The Paraffine Companies, Inc., San Francisco, Calif. Method and apparatus for making linooleum. 2,038,238; Apr. 21.
- Rosenfeld, Hyman, New York, assignor to S. Liberman, Brooklyn, N. Y. Vaporizing apparatus. 2,058,723; Oct. 27.
- Rosenfeld, Isidor, New York, N. Y. Flexible model form. 2,056,740; Oct. 6.
- Rosenfeldt, Paul, Milwaukee, Wis. Rotating electric furnace. 2,061,741; Nov. 24.
- Rosengarth, Friedrich, Cologne-on-the-Rhine, Germany, assignor to Naamlouze Vennootschap Maatschappij tot Beheer en Exploitatie van Octrooien, The Hague, Netherlands. Manufacture of heat insulating tubes. 2,048,817; July 28.
- Rosenmund, Alfred L., Rockaway Borough, N. J., assignor to Stapling Machines Co. Sealing means for wirebound boxes. 2,029,124; Jan. 28.
- Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. Machine for closing wirebound boxes. 2,063,124; Dec. 8.
- Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. Box ending tool. 2,063,626; Dec. 8.
- Rosenstein, Hans O., assignor to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany. Signaling. 2,031,072; Feb. 18.
- Rosenstein, Ludwig. (See Carriere, J. G., and Rosenstein.)
- Rosenstein, Ludwig. (See Hagens, J. F. C., Rosenstein, and Hirschkind.)
- Rosenstein, Ludwig, San Francisco, Calif. Forming tetra-thionate solutions. 2,039,555; May 5.
- Rosenstein, Ludwig, San Francisco, Calif., assignor, by mesne assignments, to American Cyanamid Company. Xanthates. 2,037,437; Apr. 14.
- Rosenstein, Ludwig, assignor to Shell Development Company, San Francisco, Calif. Treating water. 2,038,316; Apr. 21.
- Rosenstein, Ludwig, assignor to Shell Development Company, San Francisco, Calif. Recovery of sulphuric acid. 2,055,419; Sept. 22.
- Rosenthal, Annie, executrix. (See Rosenthal, Levi M.)
- Rosenthal, Arthur, assignor to Rose Patch & Label Company, Grand Rapids, Mich. Printing press. 2,037,091; Apr. 14.
- Rosenthal, Dunbar A. (See Winter, C. P., and Rosenthal.)
- Rosenthal, Helman, Dallas, Tex. Yeast food with alkaline bias. 2,033,009; Mar. 3.
- Rosenthal, Joseph J. (See Lebel, Louis, assignor.)
- Rosenthal, Leo, Leverkusen-Wiesdorf, and R. Hebermehl, Cologne-Deutz, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Film-forming compositions. 2,029,588; Feb. 4.
- Rosenthal, Leo, Leverkusen-Wiesdorf, and R. Hebermehl, Cologne-Deutz, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Protecting of light metals. 2,054,389; Sept. 15.
- Rosenthal, Leon W., and J. S. Meyer, New York, N. Y. Display device. 2,026,753; Jan. 7.
- Rosenthal, Levi M., deceased, New York, N. Y., Annie Rosenthal, executrix, New York, N. Y. Rubber article and method of making the same. 2,028,808; Jan. 28.
- Rosenthal, Levi M., New York, N. Y., Annie Rosenthal, executrix of the estate of said Levi M. Rosenthal, deceased. Shoetree. 2,060,123; Nov. 10.
- Rosenthal, Michael, R. D. Delamere, and H. M. Rutter, Toronto, Ontario, Canada, said Delamere and said Rutter assignors to said Rosenthal. Mechanism for selecting pages and turning leaves of a book. 2,045,804; June 30.
- Rosenthal, Nappellus Z., Los Angeles, Calif. Infants' sheet. 2,062,611; Dec. 1.



- Rosenthal, Nathan, St. Louis County, assignor to Rosenthal Paper Company, St. Louis, Mo. Folding box. 2,036,542; Apr. 7.
- Rosenthal, Nathan, St. Louis County, assignor to Rosenthal Paper Company, St. Louis, Mo. Folding box. 2,038,317; Apr. 21.
- Rosenthal Paper Company. (See Rosenthal, Nathan, assignor.)
- Rosenzweig, David, Perth Amboy, N. J. Handbag. 2,040,271; May 12.
- Rosett, Walter, Oakcrest, Va., and F. B. Bichowsky, Washington, D. C. Separation of lithium salts. 2,044,018; June 16.
- Rosett, Walter, Oakcrest, Va. Cuprous oxide photoelectric cell. 2,049,472; Aug. 4.
- Rosewarne, Ferry F., Lowell, Mich. Grain-sampling mechanism. 2,044,102; June 16.
- Rosewood, Alfred, San Francisco, Calif. Flush valve for toilet tanks. 2,059,749; Nov. 3.
- Roshirt, Randolph J., A. T. Bateman, and A. Irvine, Detroit, assignors to Bohn Aluminum and Brass Corporation, Detroit, Mich. Permanent molding apparatus. 2,029,673; Feb. 4.
- Rosin, Edwin A., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting apparatus. 2,042,553; June 2.
- Rosin, Isadore S. (See Tauf, Benjamin, assignor.)
- Rosing-Muhlen Aktiengesellschaft. (See Willie, K., and E. Fritsch, assignors.)
- Roske, Milton H., Wilwaukee, Wis., assignor to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 2,041,701; May 26.
- Roskosky, Stephen J., Flint, Mich., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Baking enamel. 2,047,889; July 14.
- Rösle, Heinrich, and E. Seibold, Heidenheim, Germany. Hydraulic disengaging coupling. 2,045,615; June 30.
- Rosmait, John A., Manistee, Mich. Process and apparatus for sealing paper bags. 2,032,503; Mar. 3.
- Rosmait, John A., Manistee, Mich. Bag sealing method and apparatus. 2,037,200; Apr. 14.
- Rosmait, John A., Manistee, Mich. Valve bag. 2,040,335; May 12.
- Rosmait, John A., Manistee, Mich. Valve bag. 2,040,336; May 12.
- Rosmait, John A., Manistee, Mich. Moisture resistant valve bag. 2,040,337; May 12.
- Rosmait, John A., Manistee, Mich. Valve bag. 2,040,338; May 12.
- Rosner, Adolph. (See LaBrie, L. E., and Rosner.)
- Rosner, Adolph, Rockton, Ill., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,028,625; Jan. 21.
- Rosner, Adolph, Rockton, Ill., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,038,200; Apr. 21.
- Rosner, Adolph, Rockton, Ill., assignor, by mesne assignments, to Bendix Brake Company, South Bend, Ind. Cable connection. 2,041,489; May 19.
- Rosner, Adolph, assignor to Bendix Brake Company, South Bend, Ind. Brake shoe. 2,048,468; July 21.
- Rosner, Adolph, Rockton, Ill., assignor to Bendix Brake Company, South Bend, Ind. Making cable ends. 2,051,900; Aug. 25.
- Rosner, Henry I., Brooklyn, assignor to Joe Lowe Corporation, New York, N. Y. Sterilizing and drying eggs. 2,059,399; Nov. 3.
- Rosner, Irving. (See Moran, Patrick J., assignor.)
- Rosner, Max, assignor to General Outdoor Advertising Co., Inc., Chicago, Ill. Earth anchor. 2,029,740; Feb. 4.
- Rosovsky, Nathan, assignor to Elite Specialty Metal Co., Inc., New York, N. Y. Handbag. 2,032,227; Feb. 25.
- Ross, Albert M., Ware, Mass. Welding rod for arc welding. 2,060,441; Nov. 10.
- Ross, Archibald S. (See Monk, R. H., and Ross.)
- Ross, Charles W. (See Goodell, F. H., and Ross.)
- Ross, Clifford O., Los Angeles, Calif. Platform mounting for weighing scales. 2,054,447; Sept. 15.
- Ross, David E., assignor to Rostone, Incorporated, La Fayette, Ind. Building construction. 2,027,882; Jan. 14.
- Ross, David E., assignor to Rostone, Incorporated, La Fayette, Ind. Building construction. 2,027,883; Jan. 14.
- Ross, David E., assignor to Rostone, Incorporated, La Fayette, Ind. Building construction. 2,044,637; June 16.
- Ross, Ernest. (See Carpenter, A., and Ross.)
- Ross, Frank J., Detroit, Mich. Jig clamping device. 2,033,303; Mar. 10.
- Ross, Frederick N. (See O'Shea, J., Ross, and Crosby.)
- Ross, Frederick N., Grosse Pointe Park, and H. L. Johnson, assignors to Briggs Manufacturing Company, Detroit, Mich. Sewing machine mechanism. 2,031,905; Feb. 25.
- Ross, Frederick N., Grosse Pointe Park, and H. L. Johnson, assignors to Briggs Manufacturing Company, Detroit, Mich. Upholstery sewing machine. 2,031,906; Feb. 25.
- Ross, Frederick N., and H. L. Johnson, assignors, by mesne assignments, to Briggs Manufacturing Company, Detroit, Mich. Sewing head. 2,043,063; June 2.
- Ross, Frederick N., and H. L. Johnson, assignors, by mesne assignments, to Briggs Manufacturing Company, Detroit, Mich. Sewing looper mechanism. 2,043,064; June 2.
- Ross Gear & Tool Company. (See Creson, William K., assignor.)
- Ross, George H., Brooklyn, N. Y. Damper control system. 2,028,249; Jan. 21.
- Ross, Hazen C., Junction City, Kans. Humidity and temperature control for incubation. 2,026,801; Jan. 7.
- Ross Heater & Mfg. Co., Inc. (See Graham, Harold M., assignor.)
- Ross, Howard L., Harrisburg, Pa. Toilet comb. 2,027,121; Jan. 7.
- Ross, Hugh G., Ottawa, Ontario, Canada. Humidifier. 2,032,634; Mar. 3.
- Ross, James C., Seattle, Wash. All metal springless automatic faucet and valve. 2,028,923; Jan. 28.
- Ross, James G. (See Martus, M. L., Becker, and Ross.)
- Ross, John, Detroit, Mich., assignor to City of Detroit, Department of Street Railways. Trolley shoe. 2,053,724; Oct. 27.
- Ross, John D., Bangor, Maine. Automatic controlling device. 2,026,596; Jan. 7.
- Ross, John W., Wellsburg, Iowa. Road scraper. 2,048,952; July 28.
- Ross, Justin E., Kansas City, Mo. Golf bag cart. 2,040,339; May 12.
- Ross, King. (See Safranski, P., and Ross.)
- Ross, Laurie E., Portland, Oreg. Game. 2,039,352; May 5.
- Ross, Lester T., assignor to The Burch Corporation, Crestline, Ohio. Snow plow. 2,029,545; Feb. 4.
- Ross, Louis F., Kansas City, Mo. All angle rotary miterer. 2,049,176; July 28.
- Ross, Oscar A., New York, N. Y. Lubricant metering device. 2,029,198; Jan. 28.
- Ross, Oscar A., New York, N. Y. Heating system. 2,030,542; Feb. 11.
- Ross, Oscar A., New York, N. Y. Heating. 2,030,543; Feb. 11.
- Ross, Oscar A., New York, N. Y. Heating system. 2,030,544; Feb. 11.
- Ross, Oscar A., New York, N. Y. Paper fastener. 2,037,270; Apr. 14.
- Ross, Oscar A., New York, N. Y. Signaling system. 2,043,493; June 9.
- Ross, Oscar A., New York, N. Y. Forming combustible mixtures. 2,062,825; Dec. 1.
- Ross, Ralph P., Abilene, assignor to Scientific Sales Methods, Inc., Dallas, Tex. Demonstrating apparatus. 2,042,361; May 26.
- Ross, Robert D. (See Sample, F. W., and Ross.)
- Ross, Robert D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Remote control for theater lights. 2,030,801; Feb. 11.
- Ross, Sam, Brooklyn, assignor to Major Leather & Supply Co., New York, N. Y. Machine for cording ornamentation. 2,061,922; Nov. 24.
- Ross, Simon G., and C. T. Anderson, Cincinnati, Ohio, assignors to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of arch supporting shoes. 2,054,169; Sept. 15.
- Ross, Stanley D., Vancouver, British Columbia, Canada. Volume and pressure-controlled rotary pump. 2,036,543; Apr. 7.
- Ross, William, and E. A. Rykenboer, Lewiston, N. Y., assignors to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Container. 2,049,977; Aug. 4.
- Ross, William C., Winchester, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Double glazing device. 2,050,733; Aug. 11.
- Ross, William G., Tarentum, Pa. Rolling mill. 2,056,409; Oct. 6.
- Rossetter, Charles F., Eagle Rock, assignor to P. Hawkins, Hollywood, Calif. Drive device. 2,039,664; May 5.
- Rossetter, Charles F., Eagle Rock, assignor to P. Hawkins, Hollywood, Calif. Reversing transmission. 2,039,665; May 5.
- Rossetti, Louis. (See Pocock, O. H., and Rossetti.)
- Rossi, August, Astoria, N. Y. Tile construction. 2,053,843; Sept. 8.
- Rossi, Harry, assignor to Robert Gair Company, Inc., New York, N. Y. Knock-down end closing carton. 2,044,103; June 16.
- Rossi, Louis M., Perth Amboy, and G. L. Peakes, Metuchen, N. J., assignor to Bakelite Corporation, New York, N. Y. Method and device for testing heat sensitive plastics. 2,066,016; Dec. 29.
- Rossi, Petro A., Youngstown, Ohio. Table. 2,061,717; Nov. 24.
- Rossiter, Edmund C., and A. Brookes, Strand, London, England, assignors, by mesne assignments, to American Cyanamid Company. Molding material. 2,059,609; Nov. 3.
- Rossiter, William M., Furlong, Pa. Silk moistener. 2,062,071; Nov. 24.
- Rössler, Georg. (See Frankenburger, W., and Rössler.)
- Rosslyn, Edward. (See Paxton, Dewey, assignor.)
- Rossman, Allen M., Chicago, Ill., assignor to Rossman Engineering Company. Metal clad switching unit. 2,020,539; Feb. 4.
- Rossman, Allen M., Wilmette, assignor to Rossman Engineering Company, Chicago, Ill. Electrical switchgear. 2,051,901; Aug. 25.



- Rossman, Allen M., Wilmette, assignor to Rossman Engineering Company, Chicago, Ill. System for adjustable speed control of alternating current motors. 2,061,983; Nov. 24.
- Rossman, Allen M., Wilmette, assignor to Rossman Engineering Company, Chicago, Ill. Operating furnaces for melting and refining metals and the like. 2,063,401; Dec. 8.
- Rossman, Allen M., Wilmette, assignor to Rossman Engineering Company, Chicago, Ill. Open hearth furnace and the like. 2,063,402; Dec. 8.
- Rossman, Edwin F. (See Wyeth, N., and Rossman.)
- Rossman, Edwin F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorber. 2,032,183; Feb. 25.
- Rossman, Edwin F., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Shock absorber. 2,055,365; Sept. 22.
- Rossman, Edwin F., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Shock absorber. 2,060,532; Nov. 10.
- Rossman Engineering Company. (See Rossman, Allen M., assignor.)
- Rossmann, Rudolf, Gauting, near Munich, Germany, assignor to firm Tefag Textil-Finanz A. G. Zurich, Switzerland. Loom for weaving. 2,030,270; Feb. 11.
- Rossmann, Rudolf, Gauting, near Munich, Germany, assignor to firm Tefag Textil-Finanz A.-G., Zurich, Switzerland. Weaving in looms having nipper shuttles for drawing weft threads from stationary supplies. 2,034,487; Mar. 17.
- Rossmann, Rudolf, Gauting, near Munich, Germany, assignor to the firm Tefag Textil-Finanz A.-G., Zurich, Switzerland. Weaving of fabrics. 2,039,454; May 5.
- Rossmann, Rudolf, Gauting, near Munich, Germany, assignor to firm of Tefag Textil-Finanz A. G. Zurich, Switzerland. Control apparatus for looms. 2,051,902; Aug. 25.
- Rossmann, Rudolf, Gauting, near Munich, Germany, assignor to firm Tefag Textil-Finanz A. G., Zurich, Switzerland. Apparatus for braking shuttles in looms for weaving. 2,057,114; Oct. 13.
- Rössner, Alois, Brunn, Czechoslovakia, assignor to Ruths International Accumulators Limited, London, England. Soot blower. 2,028,250; Jan. 21.
- Rosson, Marvin M., Los Angeles, Calif., and E. V. Fasce, Baytown, Tex., assignors to Standard Oil Development Company. Preparing synthetic coloring matter. 2,055,634; Sept. 29.
- Rossow, Walter D. (See Benner, R. C., Mahlman, and Rossow.)
- Rossum, Charles, Brooklyn, N. Y., assignor to Continental Folding Paper Box Co., Inc., Ridgefield, N. J. Package. 2,064,321; Dec. 15.
- Rostás, Ernest, Paris, France, assignor to Western Electric Company, Incorporated, New York, N. Y. Photoelectric tube. 2,055,181; Sept. 22.
- Rosten, Jay, Brooklyn, N. Y. Tool. 2,032,767; Mar. 3.
- Rostone, Incorporated. (See Ross, David E., assignor.)
- Rostron, Robert, Chicago, and H. W. Roberts, Riverside, Ill. Tennis racket stringer. 2,051,059; Aug. 18.
- Rotaprint Akt.-Ges. (See Berger, Richard, assignor.)
- Rotary Brush Company. (See Bodenweiser, Aaron, assignor.)
- Rotary Carton Machine Company. (See Adsit, Frank W., assignor.)
- Rotary Lift Company. (See Eiserer, Charles W., assignor.)
- Rotary Patented Displays, Inc. (See Thorstensen, Charles H., assignor.)
- Rotermund, Maynard A. (See Jones, L. T., Kennedy, and Rotermund.)
- Rotermund, Maynard A. (See Kennedy, H. E., Rotermund, and Jones.)
- Roters, Herbert C., Hoboken, N. J., assignor to Fairchild Aerial Camera Corporation, Woodside, N. Y. Surge timing system for electromagnetic devices. 2,055,089; Sept. 22.
- Roth, Adam G., Detroit, Mich. Reciprocating mechanism for engines and similar units. 2,036,724; Apr. 7.
- Roth, Adolph F., Wilkes-Barre, Pa. Chain connector. 2,046,488; July 7.
- Roth, Carl, Astoria, N. Y. Cruller machine. 2,041,432; May 19.
- Roth, Charles H., Rush, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Light valve for plate or film holders. 2,056,144; Sept. 29.
- Roth, David. (See Allison, John W., assignor.)
- Roth, Frank, San Francisco, Calif. Ham-boiler. 2,027,841; Jan. 14.
- Roth, Gabriel B., Philadelphia, Pa. Soundproof construction. 2,040,534; May 12.
- Roth, Harris C. (See Tear, H. R., and Roth.)
- Roth, Harris C., assignor to The Lubrication Corporation, South Bend, Ind. Motor for lubricating pumps. 2,059,708; Nov. 3.
- Roth, Henry W., Ferndale, assignor to Multi-Hydraulic Welding and Manufacturing Company, Detroit, Mich. Multiple automatic welder. 2,033,851; Mar. 10.
- Roth, Herman, Larchmont, N. Y. Tag. 2,031,229; Feb. 18.
- Roth, Jacob, Brooklyn, N. Y. Brief case and similar article. 2,061,091; Nov. 17.
- Roth, John T., Bellerose, N. Y. Coupling. 2,051,965; Aug. 25.
- Roth, Karl, Terre Haute, Ind. Metal roof. 2,033,304; Mar. 10.
- Roth, Pius J., Brooklyn, N. Y. Window cleaning seat. 2,037,438; Apr. 14.
- Roth, Raymond T., Montclair, N. J. Electrical disconnecting fitting. 2,049,749; Aug. 4.
- Roth, Sydney. (See Lombardo, Joseph, assignor.)
- Roth, Warren D., L. C. Brown, and G. W. Phelps, assignors to Industrial Patents Corporation, Chicago, Ill. Manufacturing ice cream and the product thereof. 2,065,398; Dec. 22.
- Rothberg Pincus, New York, N. Y., and L. A. Flexser, Union City, assignors to Montrose Chemical Co., Inc., Newark, N. J. Ammonium salts of acetyl salicylic acid. 2,052,663; Sept. 1.
- Rothe, Horst. (See Jobst, G., and Rothe.)
- Rothe, Horst. (See Roosenstein, H. O., Kautter, and Rothe.)
- Rothe, Horst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge tube. 2,048,409; July 21.
- Rothe, Horst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Constant control gas discharge tube. 2,051,179; Aug. 18.
- Rothe, Horst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Supporting and spacing means for electrodes in discharge tubes. 2,057,115; Oct. 13.
- Rothe, Horst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Operating an electron discharge device. 2,058,829; Oct. 27.
- Rothe, Horst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Indirectly heated cathode. 2,059,809; Nov. 3.
- Rothe, Horst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Discharge tube. 2,059,810; Nov. 3.
- Rothenberg, Harry, West Norwood, N. J., assignor to H. Hyman, Brooklyn, N. Y. Electric candle. 2,031,507; Feb. 18.
- Rothenhofer, Walter W., St. Louis, Mo. Aeroplane. 2,064,223; Dec. 15.
- Rothrock, Addison M., Langley Field, Va. Fuel injection system. 2,044,814; June 23.
- Rothrock, George L., Highland Park, assignor to General Motors Corporation, Detroit, Mich. Rear axle construction. 2,061,009; Nov. 17.
- Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Varnish. 2,047,597; July 14.
- Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,054,099; Sept. 15.
- Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,058,510; Oct. 27.
- Rothrock, Ralph K. (See Thurber, Edward J., assignor.)
- Rothschild, Sol. (See Steinmetz, W. F., and Rothschild.)
- Rothschild, Sol., Brooklyn, N. Y. Tooth brush. 2,059,035; Oct. 27.
- Rothschmitt, Anton, Irvington, assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Manufacture of lightweight cylinders or containers. 2,035,408; Mar. 24.
- Rothschmitt, Anton, Irvington, assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Spherical boring head. 2,040,761; May 12.
- Rothstein, Joseph H. (See Schwartz, H. I., and Rothstein.)
- Rothstein, Robert J. (See Brooks, Benjamin L., assignor.)
- Rothweiler, Edward B., St. Louis, Mo. Piston spreader. 2,062,826; Dec. 1.
- Rotor Gas Valve Co., The. (See Pratt, B., and Weinreich, assignors.)
- Rotor Oil Burner Corporation. (See Washburn, Donald H., assignor.)
- Rotter, Louis. (See Rutter, M. E., and Rotter.)
- Rotter, Lutwin C., Glendale, and I. H. Mahne, assignors to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,038,761; Apr. 28.
- Rotter, Lutwin C., Glendale, assignor to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,038,762; Apr. 28.
- Rotter, Lutwin C., Glendale, assignor to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,052,664; Sept. 1.
- Rottler, Clarence T., Seattle, Wash. Anchoring device for cylinder boring machines. 2,034,488; Mar. 17.
- Rottler, Clarence T., Seattle, Wash. Portable boring machine and boring bar therefor. 2,040,273; May 12.
- Rottloff, Willy, Auerbach, in Brzg., assignor to Karl Lieberknecht G. m. b. H., Oberlungwitz, Germany. Flat hosiery frame. 2,036,775; Apr. 7.
- Rottmund, Fred G. (See Hawker, C. F., Herr, and Rottmund.)
- Rottmund, Fred G., assignor to Armstrong Cork Company, Lancaster, Pa. Apparatus for and method of decorating surface covering materials. 2,048,971; July 28.
- Rottner, William J., Brooklyn, N. Y. Toy gun for projecting aeroplanes. 2,029,036; Jan. 28.
- Rottsieper, Karl, Berlin-Adlershof, Germany, assignor to General Electric Company. So-called semistop joint for fluid filled cables. 2,052,422; Aug. 25.
- Roualet, Andre J. E. (See Ball, F. O., and Roualet.)



- Rouch, Everett W., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure producing device. 2,055,390; Sept. 22.
- Rouchaud, Ferdinand A., assignor to Societe Anonyme Etablissements Rouchaud & Lamassiaude, Limoges, France. Drive for machine tool tables or carriages. 2,056,741; Oct. 6.
- Rouffaer, Jan, Oakland, Calif. Fuselage. 2,059,492; Nov. 3.
- Rougemont, Rene L. (See Strawn, M. L., and Rougemont.)
- Rough Wear Clothing Co. (See Hillson, Benjamin C., assignor.)
- Rouillard, Fred P., Fresno, Calif. Photographic printing. 2,055,207; Sept. 22.
- Round, David & Son. (See Martin, Charles C., assignor.)
- Round, Henry J., London, England, assignor to Radio Corporation of America. Thermionic tube. 2,042,554; June 2.
- Round, Henry J., London, and P. K. Turner, Berkshire, assignors to Radio Corporation of America. High frequency amplifying system. 2,064,991; Dec. 22.
- Round Oak Furnace Company. (See Burch, Elwood S., assignor.)
- Rounsavell, O. N., et al. (See Caughlan, Walter M., assignor.)
- Rounsaville, Ira R. (See Whitmore, T. F., and Ronsaville.)
- Rourke, Rupert K., Lompoc, Calif., assignor to Johns-Manville Corporation, New York, N. Y. Process and apparatus for air classification. 2,051,107; Aug. 18.
- Rousch, Andrew, Fairbank, Iowa. Harvesting attachment. 2,053,741; Sept. 8.
- Rouse, John H., Los Angeles, Calif. Telephone call system. 2,063,830; Dec. 8.
- Roussy, Louis, Paris, and René Trubert, Viroflay, France. System of assembly for the elements of constructional toys. 2,032,955; Mar. 3.
- Routh, Almond C., Sandusky, Ohio. Refrigerating package. 2,049,779; Aug. 4.
- Routh, Almond C., Sandusky, Ohio, assignor to Vogt Processes, Inc., Louisville, Ky. Ice cream manufacture. 2,054,835; Sept. 22.
- Routh, Almond C., Sandusky, Ohio, assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Frozen confection. 2,062,277; Nov. 24.
- Routin, Joseph L., Paris, France. Station-name indicator for radio receivers. 2,053,742; Sept. 8.
- Rovick, John D., assignor to National Broach & Machine Company, Detroit, Mich. Broaching machine. 2,043,596; June 9.
- Rovick, John D., assignor to National Broach & Machine Company, Detroit, Mich. Device for testing gear noise. 2,044,955; June 23.
- Rowbotham, Thomas, Bramhall, and W. Shaw, Stockport, England. Combining of three or more layers of material together by means of a liquid adhesive substance. 2,050,382; Aug. 11.
- Rowe, Alvin V., Galesburg, assignor to Rowe Manufacturing Company, Galesburg, Ill. Overhead door construction. 2,032,768; Mar. 3.
- Rowe, Arthur F., Lansing, Mich. Plastic composition and compounding the same. 2,042,795; June 2.
- Rowe, Claude O., Santa Monica, assignor of one-half to W. Fillmore and L. A. Johnson, Los Angeles, Calif. Pencil sharpener. 2,028,924; Jan. 28.
- Rowe, Clement J., and J. A. Hochwalt, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Lubricator. 2,057,207; Oct. 13.
- Rowe, Donald C., Buffalo, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Tail wheel. 2,032,718; Mar. 3.
- Rowe, Donald C., W. Tydon and F. E. Flader, Kenmore, N. Y., assignors to Curtiss Aeroplane & Motor Company, Inc. Differential screw. 2,044,368; June 16.
- Rowe, Earl. (See La Voice, Lewis, assignor.)
- Rowe, Fred H., et al. (See Chandler, Daniel L., assignor.)
- Rowe, Fred H., et al. (See Moore, Guy S., assignor.)
- Rowe, George E., Wethersfield, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for manufacturing hollow glassware. 2,040,783; May 12.
- Rowe, George E., Wethersfield, assignor to Hartford-Empire Company, Hartford, Conn. Forming hollow glass articles. 2,043,065; June 2.
- Rowe, George E., Wethersfield, assignor to Hartford-Empire Company, Hartford, Conn. Making bottles and like articles of hollow glassware. 2,059,147; Oct. 27.
- Rowe, George E., Wethersfield, assignor to Hartford-Empire Company, Hartford, Conn. Making glassware. 2,063,463; Dec. 8.
- Rowe, Irving R., assignor to The Atwood Machine Company, Stonington, Conn. Antiballooning spindle for twisting machines. 2,064,270; Dec. 15.
- Rowe Manufacturing Company. (See Rowe, Alvin V., assignor.)
- Rowe, Marion G., Daytona Beach, Fla. Fishing line washer and drier. 2,040,567; May 12.
- Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Solderless wire connection. 2,032,769; Mar. 3.
- Rowe, Thomas A., Le Roy, N. Y. Air and waterproof joint for silo staves and the like. 2,043,519; June 9.
- Rowe, William H., New York, N. Y. Multiple coin actuated plunger. 2,032,228; Feb. 25.
- Rowe, William H., New York, N. Y. Coin selector. 2,040,274; May 12.
- Rowe, William H., New York, N. Y. Vending machine cabinet. 2,041,089; May 19.
- Rowe, William L., New Rochelle, assignor to Johns-Manville Corporation, New York, N. Y. Fastening device. 2,041,780; May 26.
- Rowe, William W., Cincinnati, assignor to The Paper Service Company, Lockland, Ohio. Coating creped papers and the product thereof. 2,030,156; Feb. 11.
- Rowe, William W., Cincinnati, and W. A. Morris, Wyoming, assignor to The Paper Service Company, Lockland, Ohio. Apparatus for imparting stretchability to webs. 2,034,421; Mar. 17.
- Rowell, Frank F., St. Paul, Minn. Silo. 2,035,764; Mar. 31.
- Rowell, George S., Cleveland, Ohio, assignor to Multigraph Company, Wilmington, Del. Planographic printing plate. 2,032,770; Mar. 3.
- Rowell, George S., Cleveland Heights, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Feeding emulsoid inks. 2,056,210; Oct. 6.
- Rowland, Annie G., executrix. (See Rowland, Jasper M.)
- Rowland, Davidge H., assignor to Locke Insulator Corporation, Baltimore, Md. Apparatus for forming ceramic products. 2,044,332; June 16.
- Rowland, Davidge H., assignor to Locke Insulator Corporation, Baltimore, Md. Clay testing apparatus. 2,059,036; Oct. 27.
- Rowland, Dwight P. (See Horton, A. A., and Rowland.)
- Rowland, Dwight P., and C. C. Dahl, assignors to Burroughs Adding Machine Company, Detroit, Mich. Typewriter. 2,034,357; Mar. 17.
- Rowland, Dwight P., and R. G. Bower, assignors to Burroughs Adding Machine Company, Detroit, Mich. Typewriter. 2,057,981; Oct. 20.
- Rowland, Jasper M., deceased, by A. G. Rowland, executrix, assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Metering system. 2,045,413; June 23.
- Rowland, Thomas C. E., Solihull, and H. Parker, King's Heath, Birmingham, England. Vehicle brake. 2,049,628; Aug. 4.
- Rowland, Walter, Prince George County, Va., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Process and apparatus for storage and recovery of soluble materials. 2,043,710; June 9.
- Rowley, Arthur C., Drexel Hill, Pa., assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Control valve. 2,033,084; Mar. 3.
- Rowley, James F., Chicago, Ill. Artificial foot. 2,036,830; Apr. 7.
- Rowley, James F., Chicago, Ill. Artificial leg suspender. 2,048,410; July 21.
- Rowntree, Leonard G., Philadelphia, Pa. Clinical surface thermometer. 2,037,201; Apr. 14.
- Rowton, Harold S., and J. L. Rowton, Aberdeen, Scotland. Machine for filleting fish. 2,031,856; Feb. 25.
- Rowton, John L. (See Roeton, Harold S. and J. L.)
- Roy, Aimé A., Lyon, France. Preselecting device for sheet-feeding mechanisms of stenciling machines and the like. 2,042,734; June 2.
- Roy, Alyre, and A. Cortina, said Roy assignor to E. G. Gruskin, New London, Conn. Shuttle. 2,056,868; Oct. 6.
- Roy, Damase J., North Attleboro, Mass. Window ventilator. 2,029,965; Feb. 4.
- Roy Engineering & Iron Works, Inc. (See Roy, Robert B., assignor.)
- Roy, Paul M. F. M., Paris, France. Rotary pump and compressor. 2,063,194; Dec. 8.
- Roy, Robert B., assignor to Roy Engineering & Iron Works, Inc., Brooklyn, N. Y. Door locking mechanism for sterilizers and the like. 2,033,305; Mar. 10.
- Royal Baking Powder Company. (See Dale, Julian K., assignor.)
- Royal Baking Powder Company. (See Lund, Albert A., assignor.)
- Royal Brass Manufacturing Company, The. (See Kreuzer, P. F., and Schultis, assignors.)
- Royal Electric Company. (See Goodwin, G. R., and Farrah, assignors.)
- Royal, Joseph N. (See Dreux, A. H., and Royal.)
- Royal, Thomas M., Philadelphia, Pa. Manufacture of bags. 2,029,340; Feb. 4.
- Royal, Thomas M., Philadelphia, Pa. Manufacture of bags. 2,051,903; Aug. 25.
- Royal, Thomas M., Philadelphia, Pa., assignor, by mesne assignments, to Ramco, Inc. Composite wrapping material. 2,046,848; July 7.
- Royal, Thomas M., & Co. (See Holloway, Arthur V., assignor.)
- Royal Typewriter Company, The. (See Handley, George F., assignor.)
- Royal Typewriter Company. (See Petrini, Remo W., assignor.)
- Royal Worcester Corset Co. (See Imler, Nelle, assignor.)
- Royce, Harvey D., Savannah, Ga., assignor to The Southern Cotton Oil Company, New Orleans, La. Producing edible fatty esters of synthetic origin. 2,048,818; July 28.
- Royce, Richard T., Houston, Tex., assignor to Gray Tool Company. Wash pipe packing. 2,027,653; Jan. 14.



- Royer, Marcel J. P., Villeneuve-le-Roi, France, assignor to General Electric Company. Control system. 2,046,970; July 7.
- Royle, Vernon, Paterson, N. J. Lining and beveling machine. 2,027,934; Jan. 14.
- Royle, Vernon, Paterson, N. J. Extruding machine. 2,037,823; Apr. 21.
- Royle, Vernon E., Paterson, N. J. Wire insulating machine. 2,035,247; Mar. 24.
- Royle, Vernon E., Paterson, N. J. Extruding machine. 2,061,407; Nov. 17.
- Royster, David O. (See Reller, Edwin L., assignor.)
- Royster, David O., Overland, Mo. Mechanism for assembling and inserting inclosures in envelopes. 2,030,656; Feb. 11.
- Rozar, William H., Akron, Ohio. Electric plug. 2,056,587; Oct. 6.
- Rozenbroek, Meindert D., Delden, Twenthe, Overijssel, Netherlands. Manufacturing mixed ethers of higher alcohols with polar groups and application of the same for textile purposes. 2,066,125; Dec. 29.
- Rozumek, Ernst, Berlin-Lichterfelde, Germany. Electromagnetically operated vacuum switch. 2,027,064; Jan. 7.
- Ruan, Felix F. (See Molins, W. E., Ruan, and Hacking.)
- Rubber Producers Research Association. (See Schidrowitz, P., and Redfarn, assignors.)
- Rubber Producers Research Association. (See Stevens, Henry P., assignor.)
- Rubber Service Laboratories Co., The. (See Scott, W., and Byers, assignors.)
- Rubberized Metal Containers, Incorporated. (See Ray, William F., assignor.)
- Rubel, Abraham L., assignor to Penn Electric Switch Co., Des Moines, Iowa. Electric control apparatus for fuel burners. 2,030,941; Feb. 18.
- Rubel, Abraham L., assignor to Penn Electric Switch Co., Des Moines, Iowa. Electric control apparatus for fuel burners. 2,034,311; Mar. 17.
- Rubel, Abraham L., assignor to Penn Electric Switch Co., Des Moines, Iowa. Electric control apparatus for fuel burners. 2,064,181; Dec. 15.
- Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Needle clamping device for sewing machines. 2,036,959; Apr. 7.
- Rubel, Charles F., and A. Wyleta, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,043,711; June 9.
- Rubel, Max J., and E. L. Harder, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Out-of-synchronism relay. 2,053,446; Sept. 8.
- Ruben Condenser Company. (See Ruben, Samuel, assignor.)
- Ruben, Elsbeth. (See Ruben, H., assignor, and Salomonski.)
- Ruben, Hans, Berlin-Charlottenburg, and M. Salomonski, Berlin, said Ruben assignor to Elsbeth Ruben, Charlottenburg, near Berlin, Germany. Cigarette. 2,049,320; July 28.
- Ruben Rectifier Corporation. (See Ruben, Samuel, assignor.)
- Ruben, Samuel, New Rochelle, N. Y. Electrical discharge device and electrode therefor. 2,048,567; July 21.
- Ruben, Samuel, New Rochelle, N. Y. Electrical discharge relay. 2,049,139; July 28.
- Ruben, Samuel, New Rochelle, N. Y. Continuous torque impulse motor. 2,063,340; Dec. 8.
- Ruben, Samuel, New Rochelle, N. Y. Electrical amplifier circuit. 2,063,524; Dec. 8.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Ruben Rectifier Corporation, Englewood, N. J. Electric current rectifier. 2,032,439; Mar. 3.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Vega Manufacturing Corporation, Wilmington, Del. Electric current regulator. 2,033,482; Mar. 10.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Ruben Condenser Company, Dover, Del. Electrolytic condenser. 2,050,587; Aug. 11.
- Ruben, Samuel, New Rochelle, assignor to Revelation Patents Holding Company, New York, N. Y. Electrical circuit. 2,051,396; Aug. 18.
- Ruben, Samuel, New York, N. Y., assignor to Vega Manufacturing Corporation, Wilmington, Del. Insulated electrical conductors. 2,059,280; Nov. 3.
- Rubens, Harry S., Englewood, N. J., assignor to Compres Oscillator Corp., New York, N. Y. Housing for electrodynamic instruments. 2,057,116; Oct. 13.
- Rubens, Maurice M., Chicago, Ill. Combined scarf and prayer shawl. 2,051,274; Aug. 18.
- Rubenstein, Harry J., Kansas City, assignor to Hall Bothers, Incorporated, Kansas City, Mo. Display holder. 2,035,670; Mar. 31.
- Rubenstein, Leon, Briar Wood, Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Preparation of low substituted cellulose sulphates. 2,042,434; June 2.
- Ruber, Ernest W., San Francisco, Calif. Cooling means for internal combustion engines. 2,026,848; Jan. 7.
- Ruberoid Co., The. (See Abraham, Herbert, assignor.)
- Ruberoid Co., The. (See Beeson, Paul O., assignor.)
- Ruberoid Co., The. (See Hammenecker, Alphonse, assignor.)
- Ruberti, Constanti. (See Ruberti, Francesco P., J. A., and C.)
- Ruberti, Francesco P., Clinton, J. A. Ruberti, Webster, and C. Ruberti, Clinton, Mass. Curtain and shade hanger. 2,036,888; Apr. 7.
- Ruberti, James A. (See Ruberti, Francesco P., J. A., and C.)
- Rubin, Betty, Brooklyn, assignor to Eagle Boys Suit Corporation, New York, N. Y. Garment for boys. 2,034,312; Mar. 17.
- Rubin, Betty, Brooklyn, assignor to Eagle Boys Suit Corporation, New York, N. Y. Garment for boys. 2,042,192; May 26.
- Rubin & Denivelle. (See Rubin, Joseph, assignor.)
- Rubin, Herbert, assignor to Washington Leather Goods Co. Inc., New York, N. Y. Lady's handbag or pocketbook. 2,037,394; Apr. 14.
- Rubin, Joseph, Brooklyn, assignor to Rubin & Denivelle, New York, N. Y. Wall ornament. 2,026,708; Jan. 7.
- Rubin, Norbert, assignor to McKinney Tool & Manufacturing Company, Cleveland, Ohio. Stock cutting mechanism. 2,045,928; June 30.
- Rubini Cigar Company. (See Gessler, Samuel, assignor.)
- Rubino, Dante, Brooklyn, N. Y. Reading easel and book rack. 2,034,835; Mar. 24.
- Rubinstein, Kurt. (See Rome, J., and Rubinstein.)
- Rubinstein, Milton M., Jersey City, N. J. Denture valve construction. 2,029,945; Feb. 4.
- Rubner, Hugo G., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Coincidental lock. 2,036,776; Apr. 7.
- Rubovits, Arthur G. (See Daniels, E. A., assignor, and Donovan.)
- Rugel Limited. (See Morris, Herbert N., assignor.)
- Ruch, John E., Barborton, Ohio. Cleaning metal and material therefor. 2,059,915; Nov. 3.
- Ruckelshaus, John G., East Orange, N. J. Magnetic motor. 2,032,889; Mar. 3.
- Ruckelshaus, John G., East Orange, N. J., assignor to The United States Printing & Lithograph Company, Norwood, Ohio. Magnetic motor. 2,032,888; Mar. 3.
- Rückert, Josef, Zuckmantel, Czechoslovakia. Production of shuttles. 2,044,402; June 16.
- Rucklos, Edward H., Arcadia, Calif. Double acting garden rake. 2,030,321; Feb. 11.
- Rud, Otto Meyer, firm. (See Behrens, Hans C. A., assignor.)
- Rudd, Harry B., Douglaston, N. Y., assignor to Rudd Patents Corporation. Producing containers. 2,041,516; May 19.
- Rudd, Maurice A. (See Howe, P. J., Hamlett, and Rudd.)
- Rudd Patents Corporation. (See Rudd, Harry B., assignor.)
- Rüdenberg, Reinhold, Berlin-Grunewald, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Apparatus for producing images of objects. 2,058,914; Oct. 27.
- Rüder, Heinrich Bernhard, Schonberg in Taunus, and H. Fiesel, Frankfurt-on-the-Main, Germany, assignors to International Precipitation Company, Los Angeles, Calif. Apparatus for electrical precipitation. 2,061,045; Nov. 17.
- Rudin, Ernst, and H. Kollbrunner, Rapperswil, Switzerland. Assembled board. 2,054,867; Sept. 22.
- Rudisill, Carl A., Cherryville, N. C. Yarn or thread gasing machine. 2,038,856; Apr. 28.
- Rudnick, George E., Kansas City, Mo. Refillable fuse plug. 2,064,034; Dec. 15.
- Rudolf, Artur, Berlin, Germany, assignor to The Rulag Battery Company Limited, London, England. Electric battery. 2,038,060; Apr. 21.
- Rudolph, Corrie F. (See Meyer, R. B., and Rudolph.)
- Rudolph, Walter H. (See Padelford, L. E., and Rudolph.)
- Rudolph, Wilhelm. (See Settegast, B., and Rudolph.)
- Rudy Furnace Company, The. (See Betts, Everett D., assignor.)
- Rue, John D., Niagara Falls, assignor to Hooker Electrochemical Company, New York, N. Y. Treatment of sulphite process paper machine. 2,057,059; Oct. 13.
- Rue, John D., Niagara Falls, assignor to Hooker Electrochemical Company, New York, N. Y. Production of calcium hypochlorite bleach liquor suitable for bleaching of paper pulp. 2,061,332; Nov. 17.
- Rueb, Theodore O., assignor to Sherman-Klove Company, Chicago, Ill. Display container for wrenches. 2,032,331; Feb. 25.
- Ruedeman, William. (See Hile, Charles L., assignor.)
- Ruediger, Frank. (See Bush, P. L., and Ruediger.)
- Ruediger, Frank, Oakland, assignor to Caterpillar Tractor Co., San Leandro, Calif. Motor vehicle. 2,036,437; Apr. 7.
- Rueger, Herman W., Lancaster, Pa., assignor to Liberty Can and Sign Company. Box. 2,041,024; May 19.
- Rueger, Herman W., Brooklyn, assignor to J. L. Clark Manufacturing Co., Rockford, Ill. Reel for adhesive tape and the like. 2,059,709; Nov. 3.
- Ruehmann, Otto, Los Angeles, Calif. Fire-hose support. 2,045,966; June 30.
- Ruemmele, Albert E. (See Westcott, E. J., and Ruemmele.)
- Rueppel, Fred R., assignor to Clayton & Lambert Manufacturing Company, Detroit, Mich. Cartridge tank. 2,052,491; Aug. 25.
- Ruesenberg, Carl A., Rockford, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Pump. 2,053,783; Sept. 8.
- Ruetigerwerke-Aktiengesellschaft. (See Kahl, Leopold, assignor.)



- Ruetz, Karl, Zurich, Switzerland. Collapsible tube. 2,050,809; Aug. 11.
- Ruetz, Karl, Zurich, Switzerland. Collapsible tube. 2,058,830; Oct. 27.
- Ruf, Frank G., New York, N. Y. Combined wagon and sled. 2,063,627; Dec. 8.
- Rufener, Hans, and T. Eichmann, Bern, Switzerland, assignors, by mesne assignments, to International Carbonic Engineering Company, Kennett Square, Pa. Refrigerator. 2,060,694; Nov. 10.
- Ruff, Alonzo W., assignor to York Ice Machinery Corporation, York, Pa. Refrigeration. 2,062,235; Nov. 24.
- Ruff, Alonzo W., assignor to York Ice Machinery Corporation, York, Pa. Heating and ventilation. 2,065,873; Dec. 29.
- Ruff, Harold R., Rugby, England, assignor to General Electric Company. Electric gaseous discharge device. 2,030,401; Feb. 11.
- Ruff, Herbert L. (See Fry, C. W., and Ruff.)
- Ruff, Seymour W., Baltimore, Md. Crane. 2,031,549; Feb. 18.
- Ruffin, Laura V. (See Duvall, Stanley A., assignor.)
- Ruffsedale Distilling Company. (See Rosenbloom, I., and Born, assignors.)
- Rufle, George H. (See Roberts, G. I., and Rufle.)
- Ruge, Arthur C., Cambridge, assignor to C. W. Mowry, Marblehead, Mass., as trustee. Earthquake resistant structure. 2,053,226; Sept. 1.
- Rugg, Harold H. (See Hobbs, M. H., and Rugg.)
- Rugg, Walter S., Pittsburgh, and A. Palmros, Zelenople, Pa. Ballast cleaning apparatus. 2,028,688; Jan. 21.
- Ruggieri, Frank, Brooklyn, N. Y. Battleship and protector. 2,062,252; Nov. 24.
- Ruggles, Albert C. (See Von Bramer, H., and Ruggles.)
- Ruggles, Charles E., et al. (See Havens, Charles M., assignor.)
- Ruggles, Ira, et al. (See Havens, Charles M., assignor.)
- Ruggles-Klingemann Mfg. Company. (See Kimball, James L., assignor.)
- Rugland, Richard, Brooklyn, N. Y. Piston ring. 2,051,346; Aug. 18.
- Ruhland, Sidney, New York, N. Y. Glare shield. 2,038,906; Apr. 28.
- Ruhrchemie Aktiengesellschaft. (See Tramm, H., and Grimme, assignors.)
- Ruhrchemie Aktiengesellschaft. (See Tramm, H., and Jung, assignors.)
- Ruhstorfer, John W., Detroit, Mich. Packless valve bonnet. 2,049,516; Aug. 4.
- Ruigh, William L. (See Major, R. T., and Ruigh.)
- Rulag Battery Company Limited. (See Rudolf, Artur, assignor.)
- Rule, James, assignor to Holman Brothers Limited, Camborne, Cornwall, England. Milling machine. 2,047,836; July 14.
- Rule, John F., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Machine for blowing glass articles. 2,041,517; May 19.
- Rumery, May, Cleveland, Ohio. Supporter attachment for bifurcated underwear. 2,033,551; Mar. 10.
- Rumford Chemical Works. (See Bryan, Charles S., assignor.)
- Rumford Chemical Works. (See Fiske, A. H., and Bryan, assignors.)
- Rumford, 2d, Lewis. (See Hogg, W. C., King, and Rumford, assignors.)
- Ruml, Bohuslav, Prague, Czechoslovakia. Method and device for reenforcing articles and structures made from concrete and the like. 2,061,105; Nov. 17.
- Rummel, George A., et al. (See Long, John D., assignor.)
- Rummel, John K., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Fluid treating device. 2,046,583; July 7.
- Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Sulphonated terpene product and producing. 2,058,389; Oct. 20.
- Rumpel, Carl H., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical transmission circuit. 2,033,956; Mar. 17.
- Rumpel, Carl H., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Timing apparatus. 2,045,414; June 23.
- Rumpel, Carl H., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency generating system. 2,049,177; July 28.
- Rumpel, Carl H., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical wave production. 2,055,208; Sept. 22.
- Rumple, James M., St. Louis, Mo., assignor to Chemical Construction Corporation, New York, N. Y. Production of  $SO_2$  from acid sludge. 2,028,725; Jan. 21.
- Rumscheidt, Carl, A. Jeltsch, A. Strzyzewski, and H. Hegge, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of coarsely crystalline ammonium sulphate. 2,043,066; June 2.
- Rumscheidt, Carl, A. Jeltsch, A. Strzyzewski, and H. Hegge, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of coarsely crystalline ammonium sulphate. 2,043,067; June 2.
- Rumscheidt, Carl, A. Jeltsch, and A. Strzyzewski, and H. Hegge, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of coarsely crystalline ammonium sulphate. 2,043,068; June 2.
- Run-Ban Company, The. (See Major, Forrest J., assignor.)
- Runcie, William T., Maplewood, N. J. Apparatus for salting water. 2,057,208; Oct. 13.
- Rundell, Raymond R. (See Darling, R. L., and Rundell.)
- Rundell, Rupert E., Rockville Centre, N. Y., assignor, by mesne assignments, to American Machine & Foundry Company. Tobacco stemming machine. 2,050,765; Aug. 11.
- Rundell, Rupert E., Rockville Centre, N. Y., assignor to American Machine & Foundry Company. Tobacco stemmer. 2,060,443; Nov. 10.
- Rundlett, William D., North Adams, assignor to The James Hunter Machine Company, North Adams, Mass. Salvage opener for tenting machines. 2,032,070; Feb. 25.
- Runge, George C., assignor to E. L. Mansur Company, Chicago, Ill. Tape ladder for Venetian blinds. 2,031,981; Feb. 25.
- Runge, Wilhelm. (See Roosenstein, H. O., and Runge.)
- Runge, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmitter and receiver. 2,041,966; Aug. 25.
- Runge, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Making traveling lanes by means of electromagnetic waves. 2,046,850; July 7.
- Runge, Wilhelm, and M. Pohontsch, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio transmission system. 2,028,880; Jan. 28.
- Runge, Wilhelm, and A. Gothe, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna system. 2,046,849; July 7.
- Runkel, Roland. (See Freudenberg, Richard, and H. Runkel, and Lange.)
- Runner, Claude C., Schnectady, N. Y., assignor to General Electric Company. Speed controlling means for spinning machines. 2,056,019; Sept. 29.
- Runyan, Arthur L., assignor of one-half to L. H. Scurlock, Chicago, Ill. Railroad car wheel or other wheel. 2,041,490; May 19.
- Runyan, Frank C., Overland, Mo. Self-adjusting brake. 2,027,202; Jan. 7.
- Rupert Diecasting & Stamping Corporation. (See Rupert, Richard, assignor.)
- Rupert, Richard, assignor to Rupert Diecasting & Stamping Corporation, Kansas City, Mo. Automatic faucet. 2,039,933; May 5.
- Rupert, Andreas, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of mixed fabrics composed of cellulose derivatives. 2,054,913; Sept. 22.
- Rupp, Raymond C., Kendallville, Ind. Hook holder for fish poles. 2,028,477; Jan. 21.
- Ruppe, Hugo, assignor to E. Gross, Berlin, Germany. Small electric motor. 2,045,729; June 30.
- Ruppe, Hugo, assignor to E. Gross, Berlin, Germany. Permanent magnet for small electrical machines. 2,062,938; Dec. 1.
- Ruppel, Frederick H. (See Fisk, Arthur E., assignor.)
- Ruppel, Frederick H., Pasadena, Calif. Structural fabric. 2,052,113; Aug. 25.
- Ruppel, Harry W., Shaker Heights, assignor to The Cleveland Automatic Machine Company. Automatic lathe. 2,029,638; Feb. 4.
- Ruppel, Sigwart, Berlin, Germany. Switch. 2,055,312; Sept. 22.
- Ruppert, Ladis W., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Surface finishing articles. 2,064,322; Dec. 15.
- Ruppel, Harry W., Shaker Heights, assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Chuck mechanism for automatic machine tools. 2,042,555; June 2.
- Ruppel, Harry W., Shaker Heights, assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Multispindle drill head. 2,045,891; June 30.
- Ruppel, Harry W., Shaker Heights, assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Multiple spindle metalworking machine. 2,051,747; Aug. 18.
- Ruppel, Harry W., Shaker Heights, assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Automatic metalworking machine. 2,059,710; Nov. 3.
- Ruppel, Harry W., Shaker Heights, assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Automatic metalworking machine. 2,059,711; Nov. 3.
- Ruppel, Harry W., Shaker Heights, assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Metal working machine. 2,063,831; Dec. 8.
- Rupprecht, Kenneth J. (See Chittenden, F. D., and Rupprecht.)
- Rupprich, Siegfried, New York, N. Y. Refrigerating system. 2,028,565; Jan. 21.
- Rupprich, Siegfried, New York, N. Y. Automatic defrosting device. 2,049,625; Aug. 4.
- Rupprich, Siegfried, New York, N. Y. Refrigerating system. 2,062,827; Dec. 1.



- Rüsberg, Friedrich, Berlin-Niederschöneweide, assignor to Kali-Chemie Aktiengesellschaft, Berlin, Germany. Making water soluble barium salts and hydrogen peroxide. 2,031,180; Feb. 18.
- Rüsberg, Friedrich, Berlin-Niederschöneweide, assignor to Kali-Chemie, Aktiengesellschaft, Berlin, Germany. Decomposition of angel salt. 2,045,203; June 23.
- Ruscetta, Ralph A. (See Clark, F. M., and Ruscetta.)
- Rusch, Henri, St. Louis, Mo. Dirigible passenger station. 2,040,535; May 12.
- Rüsch, Roland, Opladen, Austria, and H. Schmidt, Leverkusen-Wiesdorf, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparation of dyed filaments and films. 2,043,069; June 2.
- Rusden, Richard E., Providence, R. I., assignor to The Textile-Finishing Machinery Company. Tenting machine. 2,039,189; Apr. 28.
- Ruse, Harry R., Baltimore, Md. Beverage cooler. 2,039,556; May 5.
- Rush, Albert, Columbus, Ohio, A. Roesch, administrator de bonis non of said A. Rush, deceased, assignor to The Kinnear Manufacturing Company. Door structure. 2,041,372; May 19.
- Rush, Raymond W., et al. (See Long, George E., assignor.)
- Rush, Turner C., Lexington, Ky. Manually operated traveling barrier carrier. 2,039,035; Apr. 28.
- Rush, William S. (See Murray, Richard J., assignor.)
- Rushing, J. B., et al. (See Worden, Sam P., assignor.)
- Rusing, Gunnar, Chicago, Ill. Golf club. 2,027,452; Jan. 14.
- Rusk, Ira, Chicago, Ill. Soldering tool attachment. 2,058,634; Oct. 27.
- Ruske, Albert F. W., San Francisco, Calif. Roller skate. 2,029,392; Feb. 4.
- Ruskin, Frances R. (See Ruskin, Simon L., assignor.)
- Ruskin, Simon L., assignor to F. R. Ruskin, New York, N. Y. Compounds of metalloids with nucleotides and their decomposition products. 2,058,180; Oct. 20.
- Russ, Arthur E., Providence, R. I., assignor to Henry L. Scott Company. Computing apparatus. 2,048,819; July 28.
- Russakov, Jacob I., Chicago, Ill. Pane retainer. 2,040,340; May 12.
- Russakov, Jacob I., Chicago, Ill. Rotary support. 2,052,801; Sept. 1.
- Russell, Andrew N., and J. D. Robb, National Trust Company Limited, executor of said J. D. Robb, deceased, assignors to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Wood grinding machine. 2,029,125; Jan. 28.
- Russell, Arthur O., White Plains, N. Y. Rotary pump for corrosive liquids. 2,060,899; Nov. 17.
- Russell Box Company. (See Russell, W. B., and Sidebotham, assignors.)
- Russell, Buford B., assignor to Drying Systems Inc., Chicago, Ill. Heating and drying system. 2,036,503; Apr. 7.
- Russell, Charles E., assignor to G. F. Mox, Dayton, Ohio. Humidifier. 2,041,491; May 19.
- Russell, Claude S. J., assignor to Faichney Instrument Corporation, Watertown, N. Y. Shaker for thermometers. 2,047,801; July 14.
- Russell, Edward A. (See Gillick, L. H., and Russell.)
- Russell, Edward A., et al. (See Peters, Thomas B. R., assignor.)
- Russell, Edward A. (See Smith, W. M., Parks, and Russell.)
- Russell, Frank H., Needham, assignor of one-half to Dewey and Almy Chemical Company, North Cambridge, and one-half to Pepperell Manufacturing Company, Boston, Mass. Adhesive sheet material. 2,054,448; Sept. 15.
- Russell, Frank J., Wauwatosa, assignor to Cutler-Hammer Inc., Milwaukee, Wis. Motor control. 2,030,470; Feb. 11.
- Russell, Gabriel B., De Land, Fla. Oil burner. 2,057,539; Oct. 13.
- Russell, H. R. (See Doyle, Louis H., assignor.)
- Russell, Harold. (See McDonough, F. L., and Russell.)
- Russell, Harold, Boston, Mass. Form for making concrete castings. 2,060,246; Nov. 10.
- Russell, Harold D. (See Crabtree, J. I., and Russell.)
- Russell, Harry J., Toronto, Ontario, Canada, assignor to Baker & Company, Inc., Newark, N. J. Orthodontia appliance. 2,046,414; July 7.
- Russell, Henry F., Quincy, Mass. Electric incandescent lamp. 2,042,126; May 26.
- Russell, Joseph B., Los Angeles, Calif. Wearing apparel. 2,064,951; Dec. 22.
- Russell Manufacturing Company, The. (See Hendley, James A., assignor.)
- Russell Manufacturing Company, The, et al. (See Tower, Elmer V. J., assignor.)
- Russell, Mark N., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Mounting for wiring devices. 2,064,083; Dec. 15.
- Russell, Norman F. S., and F. C. Langenberg, Edgewater Park, N. J., assignors to United States Pipe and Foundry Company, Burlington, N. J. Centrifugal pipe casting apparatus. 2,027,453; Jan. 14.
- Russell, Obed M. (See Dean, S. A., and Russell.)
- Russell, Ray, Whittier, Calif., assignor of one-fourth to J. McClain, Chicago, Ill. Tool for cleaning tubes. 2,038,004; Apr. 21.
- Russell, Robert C., Detroit, Mich. Servo mechanism. 2,040,409; May 12.
- Russell, Robert C., Detroit, Mich. Clutch construction. 2,043,812; June 9.
- Russell, Robert C., Detroit, Mich. Valve operating mechanism. 2,053,743; Sept. 8.
- Russell, Robert C., Dallas, Tex. Valve operating mechanism. 2,050,766; Aug. 11.
- Russell, Robert C., Cleveland, Ohio. Clutch structure. 2,057,742; Oct. 20.
- Russell, Robert C., Dallas, Tex., assignor to Engineering Corporation, Grand Rapids, Mich. Internal combustion engine. 2,042,967; June 2.
- Russell, Robert C., Dallas, Tex., assignor, by mesne assignments, to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Steering apparatus. 2,053,301; Sept. 8.
- Russell, Robert H., Cleveland, Ohio, assignor to Gas Fuel Corporation, New York, N. Y. Burning emulsified compounds. 2,033,010; Mar. 3.
- Russell, Robert H., Cleveland, Ohio, assignor to Gas Fuel Corporation, New York, N. Y. Compound including hydrocarbon. 2,059,535; Nov. 3.
- Russell, Robert H., Cleveland, Ohio, assignor to Gas Fuel Corporation, New York, N. Y. Producing gas from emulsified mixtures. 2,059,536; Nov. 3.
- Russell, Robert J. (See Hardinge, H., and Russell.)
- Russell, Ruth E., Tucson, Ariz. Plaque. 2,034,313; Mar. 17.
- Russell & Stoll Company. (See Novak, Frank L., assignor.)
- Russell, Vesper C., Red Boiling Springs, Tenn. Churn. 2,039,934; May 5.
- Russell, Waldo B., Saugus, and M. H. Sidebotham, West Newton, assignors to Russell Box Company, Medford, Mass. Combination egg box and filler. 2,060,442; Nov. 10.
- Russell, Walter W., Waterloo, Iowa. Delivering cut grain from a harvester to a binder. 2,038,239; Apr. 21.
- Russell, William A., West Monroe, La. Bridge. 2,035,193; Mar. 24.
- Russell, William A., Chesterfield County, Va. Poultry nest. 2,059,400; Nov. 3.
- Russi, Joseph, Peabody, assignor to Hygrade Sylvania Corporation, Salem, Mass. Bulb spraying device. 2,028,355; Jan. 21.
- Russill, John L. (See Palmer, Archie G., assignor.)
- Russo, Anthony. (See Tozzi, Delfina B., assignor.)
- Russo, Dominick, Boston, Mass. Shoe press. 2,065,613; Dec. 29.
- Russo, John, Boston, Mass. Graduating hair clipper. 2,047,082; July 7.
- Russwurm, Elias and N., Carrick Township, Ontario, Canada. Combined fan and cutter. 2,064,689; Dec. 15.
- Russwurm, Noah. (See Russwurm, Elias and N.)
- Rüst, Ernst, Zurich, Switzerland, and A. Polgar, Paris, France. Photographic bleaching-out layers. 2,054,390; Sept. 15.
- Rust, John D. and M. D., Memphis, Tenn. Cotton picker. 2,058,513; Oct. 27.
- Rust, John D. and M. D., Memphis, Tenn. Cotton picking machine. 2,058,514; Oct. 27.
- Rust, Mack D. (See Rust, John D. and M. D.)
- Rust, Noël M., Chelmsford, England, assignor to Radio Corporation of America. Electrical oscillation generator. 2,055,090; Sept. 22.
- Rust, Noël M., Chelmsford, England, assignor to Radio Corporation of America. Modulation system. 2,063,125; Dec. 8.
- Rust, Noël M., and R. F. O'Neill, Chelmsford, England, assignors to Radio Corporation of America. Superregenerative receiving system. 2,030,120; Feb. 11.
- Rust, Noël M., and O. E. Keall, Chelmsford, England, assignors to Radio Corporation of America. Radio receiver. 2,058,512; Oct. 27.
- Rustad, Louis L., Minneapolis, Minn., assignor, by mesne assignments, to Telumigraph Company. Sign producing machine. 2,063,006; Dec. 1.
- Rustemeyer, William, Kingston, N. Y. Rotary motor. 2,049,780; Aug. 4.
- Rustless Iron and Steel Corporation. (See Arness, William B., assignor.)
- Rustless Iron and Steel Corporation of America. (See Feild, Alexander L., assignor.)
- Rustless Iron and Steel Corporation of America. (See Ostrofsky, James N., assignor.)
- Rutgerswerke-Aktiengesellschaft. (See Zwingauer, Nathanael, assignor.)
- Ruth, Harold M. (See Madsen, M., Ziegler, Parrot, and Ruth.)
- Rutherford, Charles E., West Hartford, assignor to The Wiremold Company, Hartford, Conn. Conduit for electric wiring. 2,027,619; Jan. 14.
- Rutherford, Charles H., Phoenix, Ariz. Preventing injury to frosted vegetation. 2,057,316; Oct. 13.
- Rutherford, Claude B., Elizabethtown, Pa. Insect trap. 2,046,430; July 7.
- Rutherford, John T. (See Hampton, W. H., and Rutherford.)
- Rutherford, John T. (See Thompson, H. W., and Rutherford.)
- Rutherford, Marvin E., S. J. Ousley, and M. C. Rankin, Spur, Tex. Combined weed cutter and cultivator assembly. 2,046,211; June 30.



- Ruthruff, Robert F. (See Sullivan, F. W., Jr., and Ruthruff.)
- Ruthruff, Robert F., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Polymerization of olefinic gases. 2,038,086; Apr. 21.
- Ruthruff, Robert F., Hammond, assignor to Standard Oil Company, Whiting, Ind. Converting hydrocarbon oils. 2,052,518; Aug. 25.
- Ruthruff, Robert F., Whiting, Ind., assignor to Standard Oil Company (Ind.), Chicago, Ill. Conversion of hydrocarbons. 2,055,313; Sept. 22.
- Ruthruff, Robert F., J. K. Roberts, and M. T. Carpenter, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Olefin concentration and polymerization. 2,035,409; Mar. 24.
- Ruths International Accumulators Limited. (See Rossner, Alois, assignor.)
- Ruths, Robert J., Baltimore, Md. Coupling. 2,037,048; Apr. 14.
- Rutkoskie, George A., assignor to The McBee Company, Athens, Ohio. Press for printing spots of wax carbon compound. 2,032,719; Mar. 3.
- Rutkoskie, George A., assignor to The McBee Company, Athens, Ohio. Printing wax spots of carbon on sheets of paper with a platen job press of the revolving disk type. 2,058,511; Oct. 27.
- Rutkoskie, George A., assignor to The McBee Company, Athens, Ohio. Apparatus for presses for producing wax carbon spots on sheets of paper. 2,061,984; Nov. 24.
- Rutkoskie, George A., assignor to The McBee Company, Athens, Ohio. Platen job press of the revolving disk type. 2,065,749; Dec. 29.
- Rutkoskie, George A., and N. S. Welk, assignors to The McBee Company, Athens, Ohio. Attachment for over-size forms. 2,061,408; Nov. 17.
- Rutkowski, Walter L., Normandy, assignor to R. C. Can Company, St. Louis, Mo. Can package and packaging. 2,043,070; June 2.
- Rutkowski, Walter L., Normandy, assignor to R. C. Can Company, St. Louis, Mo. Manufacturing containers. 2,050,019; Aug. 4.
- Rutledge, Charles F., et al. (See Gill, C. C., Julian, McIlwraith, and Rutledge, assignors.)
- Rutledge, George E., Toronto, Ontario, Canada. Grate. 2,038,805; Apr. 28.
- Rutledge, Helen B., Rockford, Ill. Treating fruits. 2,063,628; Dec. 8.
- Rutledge, Holland, Sekiu, Wash. Log raft. 2,045,875; June 30.
- Rüttenauer, Alfred. (See Fritze O., and Rüttenauer.)
- Rüttenauer, Alfred, Berlin-Halensee, Germany, assignor to General Electric Company. Gaseous electric discharge lamp. 2,030,402; Feb. 11.
- Rüttenauer, Alfred, Berlin-Halensee, and O. Fritze, Berlin, Germany, assignors to General Electric Company. Gaseous electric discharge lamp. 2,030,403; Feb. 11.
- Ruttenberg, Samuel, Brooklyn, N. Y. Electrical switch. 2,042,865; June 2.
- Rutter, Alvah E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Plow. 2,044,718; June 16.
- Rutter, Alvah E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Disk harrow. 2,046,851; July 7.
- Rutter, Alvah E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Field tiller. 2,050,734; Aug. 11.
- Rutter, Harvey M. (See Rosenthal, M., Delamere, and Rutter.)
- Rutter, Mary E., Oil City, and L. Rotter, Cambridge Springs, Pa. Method and apparatus for cutting fur. 2,038,857; Apr. 28.
- Rüttger-Pelli, Maria, Lucerne, Switzerland. Massage apparatus. 2,043,114; June 2.
- Rutzen, Max C., and L. W. Pardee, Pontiac, and A. J. Stecker, Orchard Lake, Mich., assignors to Steel Bound Container Corporation. Crate building machine. 2,062,828; Dec. 1.
- Ruud, Otto S., Oslo, Norway. Driving mechanism for windshield wipers. 2,057,317; Oct. 13.
- Ruys, Jan D., and R. L. Kittle, Pittsburg, assignors to Shell Development Company, San Francisco, Calif. Preparation of inhibitors. 2,042,412; May 26.
- Ruzicka, Anton, Chicago, Ill. Land and water vehicle. 2,039,608; May 5.
- Ruzicka, Antony, Montreal, Quebec, Canada. Color receptacle. 2,041,571; May 19.
- Ruzicka, Clarence J., Whittier, assignor to Standard Oil Company of California, San Francisco, Calif. Automatically operated valve mechanism. 2,051,180; Aug. 18.
- Ruzicka, Leopold, Zurich, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of poly-membered cyclic amines. 2,051,575; Aug. 18.
- Ryan, Alexander B., Kilgore, Tex. Belt clamp filler. 2,059,401; Nov. 3.
- Ryan Coffee Corporation. (See Ryan, W. M., and Bold, assignors.)
- Ryan, Commodore D., assignor to National Postal Meter Company, Los Angeles, Calif. Printing machine. 2,028,294; Jan. 21.
- Ryan, Harry M., and K. G. Ryan, South Strathfield, New South Wales, Australia. Fault indicator and rectifier for electrical circuits of motor vehicles. 2,044,546; June 16.
- Ryan, John, et al. (See Burke, Arthur R., assignor.)
- Ryan, John A., Bronx, N. Y. Window construction. 2,031,907; Feb. 25.
- Ryan, Joseph D., and G. B. Watkins, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated safety glass adhesive and preparing same. 2,042,485; June 2.
- Ryan, Joseph D., and G. B. Watkins, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Plastic for laminated safety glass. 2,042,486; June 2.
- Ryan, Kenneth G. (See Ryan, H. M., and Ryan.)
- Ryan, Lonnie W., Westfield, and W. J. Cauwenberg, Elizabeth, assignors to United Color & Pigment Company, Inc., Newark, N. J. Manufacture of composite titanium pigments. 2,066,074; Dec. 29.
- Ryan, Matt, Detroit, Mich. Device for polishing metal or the like. 2,044,858; June 23.
- Ryan, Michael, Braddock, and E. T. Warren, Munhall, Pa. Method and apparatus for closing tuyères. 2,065,399; Dec. 22.
- Ryan, Nicholas J., Mount Vernon, N. Y. Game apparatus. 2,035,277; Mar. 24.
- Ryan, Richard M., Kansas City, Mo., assignor to General Electric Company. Synchronizing system. 2,036,983; Apr. 7.
- Ryan, Vanston H., and J. A. Moran, Kansas City, Mo. Preparation of insecticides. 2,043,267; June 9.
- Ryan, William J., South Bend, Ind. Engine starting device. 2,032,953; Mar. 3.
- Ryan, William M., and J. W. Bold, Brooklyn, assignors to Ryan Coffee Corporation, New York, N. Y. Vacuum can. 2,060,444; Nov. 10.
- Ryang, Earl T., Chicago, Ill. Book or sheet holder. 2,046,134; June 30.
- Ryba, Anton, assignor of one-third to J. Reinisch and one-third to E. Vinatzer, Bolzano, Italy. Electromagnetic band brake or clutch. 2,052,846; Sept. 1.
- Rybeck, Adolph W., assignor to T. L. Smith Company, Milwaukee, Wis. Mixing apparatus. 2,029,126; Jan. 28.
- Rybeck, Adolph W., assignor to T. L. Smith Company, Milwaukee, Wis. Concrete mixing machine. 2,054,469; Sept. 15.
- Rybeck, Adolph W., assignor to The T. L. Smith Company, Milwaukee, Wis. Vibrator for mixers. 2,065,827; Dec. 29.
- Rybolt, Ora M. (See Lowry, J. C., and Rybolt.)
- Ryde, John W. (See Francis, V. J., and Ryde.)
- Ryde, John W., London, and H. G. Jenkins, Hatch End, England, assignors to General Electric Company. Electric discharge device. 2,030,404; Feb. 11.
- Ryder, Charles D., Covington, assignor to The National Colortype Company, Bellevue, Ky. Light reflecting means. 2,044,997; June 23.
- Ryder, Earle A., West Hartford, Conn., assignor, by mesne assignments, to United Aircraft Corporation. Cooling means for air cooled internal combustion engines. 2,061,171; Nov. 17.
- Rydner, Gustaf W., Detroit, Mich. Safety razor. 2,037,927; Apr. 21.
- Rydquist, Adolph, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Window channel. 2,037,487; Apr. 14.
- Rydquist, Adolph, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Window channel. 2,060,124; Nov. 10.
- Rye, Reginald G., et al. (See Clapp, Peter A., assignor.)
- Ryerson, Creighton W., Jackson, Mich., assignor to Ryerson & Haynes Inc. Tire cover. 2,062,612; Dec. 1.
- Ryerson & Haynes, Inc. (See Beach, Frederick E., assignor.)
- Ryerson & Haynes Inc. (See Blank, J. E., and Adams, assignors.)
- Ryerson & Haynes Inc. (See Ryerson, Creighton W., assignor.)
- Ryerson & Haynes, Inc. (See Schmidt, Frank W., assignor.)
- Ryerson & Haynes, Inc. (See Schmidt, F. W., and Beach, assignors.)
- Rykenboer, Edward A. (See Ross, W., and Rykenboer.)
- Rylander, Anders J. E. (See Jonsson, J. E., Larsson, and Rylander.)
- Ryley, Alfred G., assignor to W. H. Wiewel, Canton, Ohio. Safety razor. 2,060,445; Nov. 10.
- Ry-Lock Company Ltd. (See Nelsen, Walter F., assignor.)
- Ry-Lock Company Ltd. (See Wiener, Martin L., assignor.)
- Ry-Lock Company Ltd. (See Wiener, M. L., and Nelsen, assignors.)
- Rylsky, Gregory V. (See Mouromtseff, I. E., and Rylsky.)
- Rynearson, Eugene, Dallas, Tex. Amusement apparatus. 2,064,035; Dec. 15.
- Rypinski, Albert B., Laurelton, Long Island, N. Y. Motor starting system. 2,047,228; July 14.
- Ryschkewitsch, Eugen, Frankfurt-on-the-Main, Germany. Burner. 2,044,511; June 16.
- Rystrom, Charles H. (See Wahlmark, Gunnar A., assignor.)
- Rzeppa, Alfred H., Detroit, Mich. Universal joint. 2,046,584; July 7.
- S. & D. Engineering Company. (See Sawtelle, Charles A., assignor.)
- S. and D. Engineering Company. (See Sawtelle, C. A., and Darmstaetter, assignors.)



- S. H. G. Incorporated. (See Hermsdorf, W. H., and Aroner, assignors.)
- S. H. G. Incorporated. (See Wannack, Carl O., assignor.)
- S. K. F. Industries, Inc. (See Benson, Carl N., assignor.)
- S. K. F. Industries, Inc. (See Brodin, Eric C., assignor.)
- S. K. F. Industries, Inc. (See Brunner, Harold E., assignor.)
- S. K. F. Industries, Inc. (See Brusca, Joseph L., assignor.)
- S. K. F. Industries, Inc. (See Miller, Nils, assignor.)
- S. K. F. Industries, Inc. (See Styrl, Haakon, assignor.)
- S. M. A. Corporation. (See Barnett, H. M., Frohring, and Germann, assignors.)
- S. M. A. Corporation. (See Cross, Robert J., assignor.)
- S. M. A. Corporation. (See Frohring, William O., assignor.)
- S. M. A. Corporation. (See Jersey, Vernon, assignor.)
- S. M. A. Corporation. (See Ungnade, Otto, assignor.)
- S. M. A. Corporation. (See Ungnade, O., and Richards, assignors.)
- S. M. M. H. Corporation, The. (See Holst, Lodewyk, J. R., assignor.)
- S. M. M. H. Corporation, The. (See Holst, L. J. R., Mayer, and Menefee, assignors.)
- S. O. S. Company, The. (See Brooks, George W., assignor.)
- S & S Corrugated Paper Machinery Company. (See Pepper, Frank, assignor.)
- Saacke, Frederick C. (See Rooke, R. M., and Saacke.)
- Saaf, Dirk G., assignor to Goodrich Electric Company, Chicago, Ill. Fixture support. 2,046,184; June 30.
- Saal, Alice M., et al., executrix. (See Saal, Henry G.)
- Saal, Henry G., deceased, McHenry, Ill.; A. M. Saal and V. L. Foulds, executrices of the estate. Automatic release device for phonograph records. 2,039,557; May 5.
- Saal, William. (See Bowers, Charley, assignor.)
- Saalebach, Arthur A., East Orange, N. J., assignor to American Can Company, New York, N. Y. Forming tubular bodies. 2,034,731; Mar. 24.
- Saar, Franz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Metallic chassis for electron tube amplifiers. 2,027,935; Jan. 14.
- Saar, Franz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tuning and switch device. 2,051,181; Aug. 18.
- Saar, Franz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Polarity reverser. 2,059,283; Nov. 3.
- Saarinen, Armas J. (See Brubaker, W. S., and Saarinen.)
- Saarinen, Armas J., San Francisco, Calif., and W. H. Curtis, Dayton, Ohio, said Saarinen assignor to Granberg Meter Corporation, San Francisco, Calif., and said Curtis, assignor to National Pumps Corporation, Dayton, Ohio. Resettable register. 2,040,568; May 12.
- Saarinen, John H., Astoria, Oreg. Trolling spoon. 2,065,246; Dec. 22.
- Saathoff, George W., South Orange, N. J., assignor to Doherty Research Company, New York, N. Y. Heating and cooling unit for buildings. 2,031,576; Feb. 18.
- Saatman, Walter A., Roslyn, Pa. Gluing machine. 2,046,185; June 30.
- Sabaeff, Clément A. A. G., Montreal, Quebec, Canada. Propellant exercising device. 2,062,829; Dec. 1.
- Sabaeff, Clément A. A. G., New York, N. Y. Self-propelling scooter. 2,062,830; Dec. 1.
- Sabaeff, Clément A. A. G., New York, N. Y. Bicycle attachment for exercising. 2,062,831; Dec. 1.
- Sabbah, Camil A., Scotia, N. Y., assignor to General Electric Company. Electric discharge device. 2,059,937; Oct. 27.
- Sabbah, Camil A., and F. H. Anderson, Schenectady, N. Y., assignors to General Electric Company. Vapor electric device. 2,043,839; June 9.
- Sabbah, Camille A., deceased, by W. A. Dodge, administrator, Schenectady, N. Y., assignor to General Electric Company. Balancing means for rectifiers. 2,044,593; June 16.
- Sabbah, Camille A., deceased, by W. A. Dodge, administrator, Schenectady, N. Y., assignor to General Electric Company. Compounding system for rectifiers. 2,046,972; July 7.
- Sabiers, Charles, Amherst, Ohio. Safety razor. 2,059,172; Oct. 27.
- Sabin, Ernest E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon soles. 2,044,104; June 16.
- Sabin, Levi J., Youngstown, Ohio. Glove. 2,044,105; June 16.
- Sabine, Frank M., Grand Island, Nebr. Sugar refining process. 2,046,344; July 7.
- Sabins, George G., Glendale, assignor to Samuels-Kleiner, Ltd., Los Angeles, Calif. Separable fastener. 2,030,471; Feb. 11.
- Sabins, Rolland C., assignor to Mechanical Development Co., St. Paul, Minn. Hydraulic brake system. 2,062,798; Dec. 1.
- Sablík, Ignaz, Stramberg, Czechoslovakia. Rotary drum filter. 2,061,257; Nov. 17.
- Sachanen, Alexander N. (See Fabian, C. F., and Sachanen.)
- Sachs, Albert P., assignor to Petroleum Conversion Corporation, New York, N. Y. Production of cracked gasoline having low gum content. 2,057,268; Oct. 13.
- Sachs, Georg, and A. Burkhardt, Frankfurt-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Alloy containing copper and phosphorus. 2,040,797; May 12.
- Sachs, John H. (See Peck, F. W., and Sachs.)
- Sachs, Joseph, West Hartford, Conn. Electrical circuit controlling appliance. 2,043,494; June 9.
- Sachs, Max, Far Rockaway, N. Y. Pocketbook. 2,064,568; Dec. 15.
- Sachs, Morris, New York, N. Y. Stair cushion. 2,033,483; Mar. 10.
- "Sachtleben" Aktiengesellschaft für Bergbau und Chemische Industrie. (See Eulenstein, F., and Krus, assignors.)
- Sachtleben, Lawrence T., Camden, N. J., assignor to Radio Corporation of America. Phonographic apparatus. 2,031,857; Feb. 25.
- Sachtleben, Lawrence T., Camden, N. J., assignor to Radio Corporation of America. Phonographic apparatus. 2,031,858; Feb. 25.
- Sack, Melvin, assignor to Henry Vogt Machine Co., Louisville, Ky. Counterflow heat exchanger. 2,057,597; Oct. 13.
- Sacker, Frank, assignor of three-fourths to A. Marty and one-fourth to H. J. Lamboley, Monroe, Wis. Antibutting device. 2,040,410; May 12.
- Sackett, A. J., & Sons Company, The. (See Sackett, Augustus J., assignor.)
- Sackett, Augustus J., Anne Arundel County, Md. Aerating apparatus for fertilizer and the like. 2,028,413; Jan. 21.
- Sackett, Augustus J., Anne Arundel County, assignor to The A. J. Sackett & Sons Company, Baltimore, Md. Dust separating apparatus. 2,050,231; Aug. 4.
- Sackett, Thomas C., Stuart, Iowa. Heated windshield wiper. 2,034,880; Mar. 24.
- Sackner, Wade F., assignor to Grand Rapids Fibre Cord Company, Grand Rapids, Mich. Handle for confection. 2,046,415; July 7.
- Sacks, Aaron, New York, N. Y. Supporting and dispensing device for flexible tubes. 2,037,824; Apr. 21.
- Sacks, Eli, and C. Steinborn, Brooklyn, N. Y. Safety delivery container. 2,039,935; May 5.
- Sacks, Harry M., assignor to General Health Corporation, Philadelphia, Pa. Stopper. 2,038,858; Apr. 28.
- Saco-Lowell Shops. (See Banfield, Frederic E., Jr., assignor.)
- Saco-Lowell Shops. (See Curley, Robert S., assignor.)
- Saco-Lowell Shops. (See Curley, R. S., and Shaw, assignors.)
- Saco-Lowell Shops. (See Jones, Robert M., assignor.)
- Sacrety, Elmer P., Liverpool, assignor to Syracuse Tool Electric Mfg. Corp., Syracuse, N. Y. Implement for trimming hedges and the like. 2,034,058; Mar. 17.
- Sadenwater, Charles W., assignor to Saginaw Manufacturing Co., Saginaw, Mich. Foldable ironing table. 2,042,074; May 26.
- Sadenwater, Charles W., assignor to Saginaw Manufacturing Co., Saginaw, Mich. Foldable ironing table. 2,042,075; May 26.
- Sadenwater, Charles W., assignor to Saginaw Manufacturing Co., Saginaw, Mich. Folding table. 2,064,859; Dec. 22.
- Sadgebury, Herman F., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,026,849; Jan. 7.
- Sadgebury, Herman F., and W. M. Carroll, Dayton, assignors, by mesne assignments, to Central United National Bank, Cleveland, Ohio, as trustee. Operating means for counters. 2,040,500; May 12.
- Sadker, Adolph, et al. (See Binder, J., and Selke.)
- Sadler, Walter C. (See Jameson, John A., assignor.)
- Sadofsky, Pauline. (See Feins, Joseph S., assignor.)
- Sadowski, Louis. (See Adams, William M., assignor.)
- Sadtler, Chester B., assignor to Barber-Colman Company, Rockford, Ill. Method and apparatus for heat treating high speed steel. 2,027,065; Jan. 7.
- Sadtler, Samuel S. (See Hepburn, D. M., and Sadtler.)
- Saferite, Lloyd R., Los Angeles, assignor of one-half to E. G. Leap, Merced, Calif. Tire boot. 2,061,851; Nov. 24.
- Safety Belt-Lacer Company. (See Briggs, O. B., and Lamb, assignors.)
- Safety Bumpers Limited. (See Clifford, Vernon J., assignor.)
- Safety Car Heating & Lighting Company, The. (See Bronander, Wilhelm B., assignor.)
- Safety Car Heating & Lighting Company, The. (See Godsey, Frank W., Jr., assignor.)
- Safety Car Heating & Lighting Company, The. (See Hulsey, George E., assignor.)
- Safety Car Heating & Lighting Company, The. (See Hulsey, G. E., and Brinckerhoff, assignors.)
- Safety Cushion Bumper and Manufacturing Company. (See Lindauer, Albert A., assignor.)
- Safety Mining Company. (See Kneeland, Frank H., assignor.)
- Safety Mining Company. (See Noble, Warren, assignor.)
- Safety Mining Company. (See Osgood, Charles F., assignor.)
- Safety Torpedo Corporation. (See Sherman, Louie A., assignor.)
- Safe-Wave Company. (See Wilsey, Irven H., assignor.)



- Safford, Lewis A., Watertown, N. Y., assignor to The New York Air Brake Company. Multichambered reservoir. 2,037,151; Apr. 14.
- Safford, Lewis A., Watertown, N. Y., assignor to The New York Air Brake Company. Angle cock. 2,065,750; Dec. 29.
- Safford, Truman S., Harrison, N. Y. Refrigeration apparatus. 2,030,942; Feb. 18.
- Saffry, Victor H., Manhattan, Kans. Portable adjusting table. 2,054,732; Sept. 15.
- Safranski, Paul, New York, N. Y., assignor to Emery Olmstead, Portland, Oreg., and himself. Method and apparatus for recording and reproducing sound. 2,037,739; Apr. 21.
- Safranski, Paul, and K. Ross, New York, N. Y. Moving picture sound recording and reproducing apparatus. 2,031,794; Feb. 25.
- Saftien, Carl. (See Guenther, F., Conrad, and Saftien.)
- Sagar, Earl. (See Thompson, William, assignor.)
- Sager, Andrew J., Winchester, Va. Carburetor. 2,059,657; Nov. 3.
- Sager, Frank P. (See Finrock, J. Q., and Sager, assignors.)
- Sager, Frank P., Alhambra, assignor to National Postal Meter Company, Los Angeles, Calif.. Ink feeding mechanism. 2,047,433; July 14.
- Sager, Frank P., assignor to National Postal Meter Company, Los Angeles, Calif. Printing machine. 2,049,592; Aug. 4.
- Sager, John W. (See Hofstetter, R., and Sager.)
- Sager, Solomon M., Glencoe, Ill. Fountain pen. 2,035,278; Mar. 24.
- Sager, Solomon M., Glencoe, Ill. Fountain pen packing unit. 2,041,781; May 26.
- Sager, Theron P., Washington, D. C. Gas retaining fabrics and preparing the same. 2,037,049; Apr. 14.
- Sági, Adalbert. (See Bienenstock, M., Csáki, Pless, and Sági, A. and E.)
- Sági, Eugen. (See Bienenstock, M., Csáki, Pless, and Sági, A. and E.)
- Saginaw Manufacturing Co. (See Sadenwater, Charles W., assignor.)
- Sagle, Roy E., Roseville, Ohio, assignor to Radio Corporation of America, New York, N. Y. Variable condenser. 2,052,316; Aug. 25.
- Sahlberg, Rolf K. O., New York, N. Y. Composite beam. 2,028,169; Jan. 21.
- Sahut, Jean, Raismes, France. Vibratory screen. 2,062,529; Dec. 1.
- Said, Ahmed, Cairo, Egypt. Sign changing device. 2,052,250; Aug. 25.
- Sailer, Rudolph J., Townley, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine hemmer. 2,052,122; Aug. 25.
- Sailer, Rudolph J., Townley, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,053,744; Sept. 8.
- St. Clair, Leo J., Ardmore, Pa. Protecting device for spark plugs. 2,033,360; Mar. 10.
- St. Claire, Charles W., assignor to Armstrong Cork Company, Lancaster, Pa. Textile roll and making the same. 2,046,136; June 30.
- St. Hill, Thomas N., San Marino, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Electric dehydrator. 2,033,593; Mar. 10.
- Saint-Jacques, Eugène C., Paris, France. Apparatus for regularizing the exhaust of explosion motors. 2,057,304; Oct. 13.
- St. John, Everett, Westport, Conn., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable shield. 2,034,928; Mar. 24.
- St. John, Raymond A., Rocky River, Ohio, assignor to The Heald Machine Company, Worcester, Mass. Abrading workpieces. 2,047,041; July 7.
- St. Joseph Iron Works. (See Schmidtke, Albert H., assignor.)
- St. Laurent, Herbert, Hastings-upon-Hudson, assignor to Radio Research Laboratories, Inc., New York, N. Y. Tube and manufacturing the same. 2,041,270; May 19.
- St. Laurent, Herbert, Hastings-on-Hudson, assignor to Radio Research Laboratories, Inc., New York, N. Y. Electrical circuit for cold cathode tubes. 2,058,738; Oct. 27.
- St. Louis Basket & Box Corporation. (See Meinhardt, John W., assignor.)
- St. Louis Cutting Die Company. (See Messmer, Charles A., assignor.)
- St. Louis, James A., Montclair, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Self starting gaseous electric discharge device. 2,056,528; Oct. 6.
- St. Louis Smelting and Refining Company. (See McCallum, J., and Schraubstadter, assignors.)
- St. Louis University, President and Board of Trustees of. (See Doisy, E. A., and Katzman.)
- St. Regis Paper Company. (See Hoppe, Edgar, assignor.)
- St. Regis Paper Company. (See Marsh, E. A., and Schlaegel, assignors.)
- St. Stephens, Raynar de Hele, Camborne, assignor to Climax Rock-Drill and Engineering Works Limited, London, England. Exhaust silencer. 2,054,956; Sept. 22.
- St. Thomas, William H. (See Petersohn, A., and St. Thomas.)
- Saito, Seizo, Toyonaka-cho, and N. Yamamoto, Osaka, Japan. Brake apparatus for wheels. 2,051,967; Aug. 25.
- Saito, Seizo, Toyonaka-cho, and N. Yamamoto, Osaka, Japan. Brake apparatus for wheels. 2,051,968; Aug. 25.
- Saito, Seizo, Toyonaka-Cho, and N. Yamamoto, Osaka, Japan. Brake apparatus for a wheel. 2,053,302; Sept. 8.
- Saives, Leon, assignor to Louis Renault, Billancourt, France. Clutch control for motor vehicles. 2,033,590; Mar. 10.
- Saives, Léon, assignor to L. Renault, Billancourt, France. Window for vehicle doors. 2,039,455; May 5.
- Saives, Leon, assignor to L. Renault, Billancourt, France. Body of automobile vehicles. 2,054,951; Sept. 22.
- Sakai, Noboru, Lodi, Calif. Combination pencil and eraser. 2,057,792; Oct. 20.
- Sakamoto, Taneyoshi, Tokyo, Japan. Vertical lift bridge. 2,040,445; May 12.
- Saks, Ira. (See Spase, Charles B., assignor.)
- Saks, Ira, Cleveland, Ohio. Clutch plate. 2,037,928; Apr. 21.
- Sala, Charles J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile printing. 2,047,650; July 14.
- Sala, José V., Barcelona, assignor to Hijos de H. A. Bender, S. A., San Feliu de Guixols, Spain. Machine for selecting cork disks. 2,059,038; Oct. 27.
- Saladino, Joseph, Reading, Mass. Racket string tightening machine. 2,043,813; June 9.
- Saladino, Joseph, Reading, Mass. Racket string tightening machine. 2,043,814; June 9.
- Saladino, Joseph, Reading, Mass. Making racket strings and the like. 2,055,776; Sept. 29.
- Salazar, Eduardo de Leon, Los Angeles, Calif. Animal building blocks. 2,036,302; Apr. 7.
- Salcedo, Ferdinand G., Coronado, assignor to Consolidated Advertising Corp., Ltd., Los Angeles, Calif. Optical reflection and sound reproducing apparatus. 2,033,957; Mar. 17.
- Salch, Gabriel E. R., New York, N. Y. Expansion device. 2,028,881; Jan. 28.
- Salenius, Carl G. T., assignor to Aktiebolaget Master Regulator, Stockholm, Sweden. Shock absorber. 2,064,496; Dec. 15.
- Saler, Jules N., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ice freezing device. 2,037,517; Apr. 14.
- Saler, Jules N., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Liquid congealing apparatus. 2,037,518; Apr. 14.
- Saler, Jules N., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Liquid congealing apparatus. 2,037,519; Apr. 14.
- Saler, Jules N., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Liquid congealing apparatus. 2,037,521; Apr. 14.
- Salerni, Nicholas B., Indianapolis, Ind. High colonic therapy instrument. 2,033,652; Mar. 10.
- Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Package indicia means. 2,037,825; Apr. 21.
- Salfisberg, Leroy L., South Orange, assignor to Wrap-Ade Machine Company, Inc., Newark, N. J. Universal wrapping machine. 2,054,523; Sept. 15.
- Salhofer, Otto, Chicago, Ill. Illuminating means for clock dials. 2,036,831; Apr. 7.
- Salinger, Fred, Chicago, Ill. Fortune-telling cards. 2,034,991; Mar. 24.
- Sallé, Maurice, Neuilly-sur-Seine, France. Apparatus for determining the value of the braking action of the brakes of automobiles. 2,039,190; Apr. 28.
- Sallmann, Richard. (See Graenacher, C., and Sallmann.)
- Salmon, Chester G. (See Ellestad, G. A., and Salmon.)
- Salmon, Chester G., Greece, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,048,469; July 21.
- Salmon, Reginald D. (See Thompson, A. E., and Salmon.)
- Salmona, Riccardo, et al. (See Salvoni, Ippolito, assignor.)
- Salmons, Arthur J. L. (See Salmons, G., and Dalby-Balls, assignors.)
- Salmons, Groege, and A. H. Dalby-Balls, Newport, Pagnell, England; said Dalby-Balls assignor to A. J. L. Salmons, Newport, Pagnell, Buckinghamshire, England. Hood fitting for motor and other vehicles. 2,066,231; Dec. 29.
- Salomon, François M. M. B., Paris, France. Vibration dampener. 2,029,796; Feb. 4.
- Salomon, Sigmund, San Francisco, Calif. Game. 2,043,677; June 9.
- Salomonski, Moritz. (See Ruben, H., and Salomonski.)
- Salsburg, Jacob, Wilkes-Barre, Pa. Seed feeding means for planters. 2,036,544; Apr. 7.
- Salsman, Thomas J., assignor to Rockwell-Barnes Company, Chicago, Ill. Notebook. 2,034,059; Mar. 17.
- Saltrick, William R., Purley, England, assignor to R. W. Stimson, New York, N. Y. Alloys. 2,049,081; July 28.
- Salvador, Lino, New York, N. Y. Hacksaw blade. 2,045,105; June 23.



- Salvatori, Henry, Hollywood, Calif., assignor to Western Geophysical Company, Tulsa, Okla. Apparatus for determining subsurface geological formations. 2,064,385; Dec. 15.
- Salvesen, Jørgen R. (See Sanborn, L. T., Salvesen, and Howard.)
- Salvio, Salvatore R., New York, N. Y. Hair curler with electric attachment. 2,065,874; Dec. 29.
- Salvo, Louis and P., San Francisco, Calif. Water heater. 2,050,465; Aug. 11.
- Salvo, Pete. (See Salvo, Louis and P.)
- Salvoni, Ippolito, assignor of forty-four per cent to R. Salmona, and twelve per cent to E. Q. Jackson, New York, N. Y. Combined toilet and bidet. 2,036,984; Apr. 7.
- Salvoni, Ippolito, assignor of forty-four per cent to R. Salmona, and twelve per cent to E. Q. Jackson, New York, N. Y. Bidet attachment for water closets. 2,036,985; Apr. 7.
- Salz, Ignatz, New York, N. Y. Securing bands around pens or pencils. 2,041,518; May 19.
- Salzberg, Bernard, New York, N. Y., assignor to Radio Corporation of America. Short wave tube. 2,030,187; Feb. 11.
- Salzberg, Bernard, East Orange, N. J., assignor to Radio Corporation of America. Electron discharge device and support therefor. 2,034,422; Mar. 17.
- Salzberg, Paul L. (See Bousquet, E. W., Graves, and Salzberg.)
- Salzberg, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing condensation products of halogenated aliphatic ethers. 2,035,386; Mar. 24.
- Salzberg, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative compositions. 2,037,740; Apr. 21.
- Salzberg, Paul L., and F. M. Meigs, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative compositions. 2,047,598; July 14.
- Salzberg, Paul L., and J. H. Werntz, Marshallton, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of the thio acids of phosphorus. 2,063,629; Dec. 8.
- Salzberg, Paul L., and J. H. Werntz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorination of methyl ether and the products obtained therefrom. 2,065,400; Dec. 22.
- Salzberger, Andreas, and R. Baumgarten, assignors to Europa Schreibmaschinen A. G., Erfurt, Germany. Power-driven typewriting machine. 2,059,537; Nov. 3.
- Salzman, George S., assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Apparatus for producing bimetallic strip. 2,031,795; Feb. 25.
- Salzman, George S., Cleveland Heights, assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Making bearings. 2,031,982; Feb. 25.
- Salzman, Louis, Manhattan, Ill. Tractor guide. 2,035,839; Mar. 31.
- Samaniego, Jose M., Madrid, Spain. Safe equipped with automatic previous payment devices. 2,052,251; Aug. 25.
- Samcoe Holding Corporation. (See Cohn, Samuel, assignor.)
- Samet, William J., Roch Hill, S. C. Harness for looms. 2,037,594; Apr. 14.
- Samiran, David, Dayton, Ohio. Fluid segregating apparatus. 2,047,229; July 14.
- Samiran, David, Dayton, Ohio. Fluid segregating apparatus. 2,057,693; Oct. 20.
- Sammarone, Amato N., Akron, Ohio. Electric motor unit. 2,039,456; May 5.
- Sammer, Franz. (See Jobst, G., and Sammer.)
- Sammut, Saviour, Jersey City, N. J. Multiple circuit bulb. 2,053,051; Sept. 1.
- Sample, Fleck W., and R. D. Ross, assignors to American Flange & Manufacturing Company, Chicago, Ill. Die mechanism for mounting bushings. 2,029,341; Feb. 4.
- Sample, Warren M., Muncie, Ind. Bottle wiper. 2,036,889; Apr. 7.
- Sampsell, Thomas L., Quantico, Va. Race starting device. 2,062,939; Dec. 1.
- Sampson, Edward J., Corpus Christi, Tex. Throttle control mechanism. 2,043,868; June 9.
- Sampson, Frederick W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Hydraulic brake cylinder. 2,050,736; Aug. 11.
- Sampson, Irving F., assignor of thirty per cent to C. M. Broun, thirty per cent to C. W. Bolling, five per cent to J. G. Lawrence, five per cent to R. C. Hurd, five per cent to E. L. Hurd, Roanoke, and twenty-five per cent to C. C. Broun, Martinsville, Va. Protection device. 2,049,321; July 28.
- Sampson, Leroy J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,056,536; Oct. 6.
- Sampson, Max, Gary, Ind. Toy aeroplane and control therefor. 2,061,953; Nov. 24.
- Sams, Gearold E., assignor to The Reliance Gauge Column Company, Cleveland, Ohio. Illuminated liquid level gauge. 2,036,777; Apr. 7.
- Samson-United Corporation. (See Connolly, William B., assignor.)
- Samson-United Corporation. (See Connolly, W. B., and Samuels, assignors.)
- Samson-United Corporation. (See Samuels, Abe O., assignor.)
- Samstag, Henry F., New York, N. Y. Educational toy. 2,049,178; July 28.
- Samter, Maurice L. (See Samter, Samuel L. and M. L., and McCarthy.)
- Samter, Samuel L. and M. L., and J. A. McCarthy, San Francisco, Calif., assignors, by mesne assignments, to M. L. and S. L. Samter. Four-in-hand necktie. 2,066,126; Dec. 29.
- Samuel, Arthur L., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,044,369; June 16.
- Samuel, Arthur L., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,061,594; Nov. 24.
- Samuel, Arthur L., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,062,334; Dec. 1.
- Samuel, Arthur L., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,063,341; Dec. 8.
- Samuel, Arthur L., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,063,342; Dec. 8.
- Samuel, Frank B. (See Farr, W. D., and Samuel.)
- Samuel, John M. (See Stout, H. H., and Samuel.)
- Samuel, Max, Cologne, Germany. Bottle provided with combined drinking and measuring vessel. 2,060,125; Nov. 10.
- Samuel, Samuel, Worcester, Mass. Shoe last holder. 2,034,314; Mar. 17.
- Samuel, Samuel, Worcester, Mass. Apparel fastener. 2,041,624; May 19.
- Samuels, Abe O. (See Connolly, W. B., and Samuels.)
- Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Electric soldering iron. 2,062,940; Dec. 1.
- Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Corn popper. 2,062,941; Dec. 1.
- Samuels-Kleiner, Ltd. (See Sabins, George G., assignor.)
- Samuelson, Charles T., Beaumont, Tex. Ship hull construction. 2,041,963; May 26.
- Samuelson, Herbert W., Norwalk, Conn. Antiskid chain. 2,049,825; Aug. 4.
- Sanborn, Ralph E., et al. (See Miller, Irving, assignor.)
- Sanborn, Ralph E., assignor to California Packing Corporation, San Francisco, Calif. Grape stemmer. 2,048,470; July 21.
- Sanctorum, Charles, assignor to Societe S. P. H. I. N. X., Pantin, France. Carburetor. 2,058,831; Oct. 27.
- Sand, Charles H., Jr., Willoughby, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Multiple column listing device. 2,065,539; Dec. 29.
- Sandalls, George, Jr., North Tarrytown, N. Y., assignor to American Telephone and Telegraph Company. Telephone system. 2,041,964; May 26.
- Sandberg, Carl G., Attleboro, assignor to Evans Case Company, North Attleboro, Mass. Vanity case. 2,054,004; Sept. 8.
- Sandberg, Ray A., assignor to Oakes Products Corporation, North Chicago, Ill. Headlight and horn construction. 2,037,826; Apr. 21.
- Sandberg, Ray A., Waukegan, assignor to Oakes Products Corporation, North Chicago, Ill. Making a condenser. 2,064,036; Dec. 15.
- Sandberg, Ray A., and O. F. Gottlieb, assignors to Oakes Products Corporation, North Chicago, Ill. Evaporator. 2,049,475; Aug. 4.
- Sandberg, Robert N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon sheet material. 2,053,303; Sept. 8.
- Sandberg, William A., assignor to Parkhill-Wade, Incorporated, Los Angeles, Calif. Safety pressure tank for liquid storage. 2,043,071; June 2.
- Sandborn, Lloyd T., J. R. Salvesen, and G. C. Howard, Wausau, assignors to Marathon Paper Mills Company, and Guy C. Howard Company, Rothschild, Wis. Making vanillin. 2,057,117; Oct. 13.
- Sandeberg, Alvie E., University City, Mo. Basket ball goal. 2,053,635; Sept. 8.
- Sandel Manufacturing Co. (See Waltman, Chauncey E., assignor.)
- Sandell, Fredrick, St. James, Manitoba, Canada. Valve removing tool. 2,054,138; Sept. 15.
- Sandell, Harry J., Ashby, Minn. Beer cooling and dispensing system. 2,065,949; Dec. 29.
- Sander, Karl, Osnabruck, Germany. Pipe connection. 2,032,720; Mar. 3.
- Sander, Louis J., Buffalo, N. Y. Closure plug. 2,046,700; July 7.
- Sanders, B. E., Inc. (See Nicholson, G. E., McGay, and Sanders, assignors.)
- Sanders, Burgess E. (See Nicholson, G. E., McGay, and Sanders.)
- Sanders, Charles, New York, N. Y. Elastic undergarment. 2,038,318; Apr. 21.
- Sanders, Frank G., assignor to R. B. Arnold, Chicago, Ill. Electric motor commutator cleaner. 2,050,735; Aug. 11.
- Sanders, James M., London, England. Container for asphalt. 2,047,385; July 14.
- Sanders, John M., assignor to Sanders Manufacturing Company, Incorporated, Atlanta, Ga. Rotisserie. 2,040,016; May 5.
- Sanders, Louis S. (See McIntosh, Maurice D., assignor.)



- Sanders Manufacturing Company Incorporated. (See Sanders, John M., assignor.)
- Sanders, Oscar T., Nashville, Tenn. Combination calendar and coin container. 2,029,443; Feb. 4.
- Sanders, Walter C., assignor to The Timkin Roller Bearing Company, Canton, Ohio. Axle bearing lubricator. 2,052,897; Sept. 1.
- Sanders, Walter C., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing pedestal truck. 2,060,446; Nov. 10.
- Sanders, Walter F., Frost, Tex. Tractor stalk cutter and plow. 2,052,114; Aug. 25.
- Sanders, Wilbur E., Flint, assignor to General Motors Corporation, Detroit, Mich. Metalworking process. 2,040,957; May 19.
- Sanders, William H., Gastonia, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass. Method and apparatus for stabilizing the pressure of the drawing rolls of textile machinery. 2,049,322; July 28.
- Sanderson, Ray R., Orrville, Ohio. Drill bit. 2,039,494; May 5.
- Sanderson, Russell L., Spokane, Wash. Dispensing device. 2,057,793; Oct. 20.
- Sändig, Kurt, Zwickau, Germany, assignor to firm The Resinous Products & Chemical Co., Inc., Philadelphia, Pa. Producing particularly stable condensation products. 2,061,635; Nov. 24.
- Sandin, Jerome, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,043,306; June 9.
- Sandin, Jerome, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,046,701; July 7.
- Sandin, Jerome, Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fuse mechanism. 2,064,037; Dec. 15.
- Sandin, Jerome, Wilkins Township, Allegheny County, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker. 2,060,472; Nov. 10.
- Sandine, Gunnard, Gary, Ind. Firearm. 2,059,658; Nov. 3.
- Sandman, Mervin F., South Orange, N. J. Device for catching dust from grinding instruments. 2,059,039; Oct. 27.
- Sando, Joseph B., Norwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Apparatus for cleaning fabric. 2,064,084; Dec. 15.
- Sandorff, Alfred J., Niagara Falls, N. Y., assignor to General Abrasive Company, Inc. Abrasive wheel. 2,052,194; Aug. 25.
- Sandoz, Louis. (See Myers, R. H., and Sandoz.)
- Sands, John, and H. A. Hellerud, Minneapolis, Minn. Rear vision mirror. 2,062,764; Dec. 1.
- Sands Manufacturing Company, The. (See Hamilton, Paul H., assignor.)
- Sandt, Frank W. (See Sandt, Robert A., assignor.)
- Sandt, Julius, Pirmasens, Germany. Heel nailing machine with nail feed. 2,027,122; Jan. 7.
- Sandt, Julius Pirmasens, Germany. Stamping machine with movable stamp carriage for leather and like soft materials. 2,055,051; Sept. 22.
- Sandt, Robert A., assignor to F. W. Sandt, Easton, Pa. Electric switch. 2,047,083; July 7.
- Sandulesco, Georges. (See Girard A., and Sandulesco.)
- Sandura Company. (See Jackson, James J., assignor.)
- Sandusky Foundry & Machine Co. (See Burden, Harry C., assignor.)
- Sandvikens Jerverks Aktiebolag. (See Troell, Sigvald, assignor.)
- Sanford, Arthur H. (See Sheard, C., Sanford, and Rogers.)
- Sanford, Charles L., Meadville, Pa. Building block. 2,047,890; July 14.
- Sanford, Hugh W. (See McCallen, Perry S., assignor.)
- Sanford, Hugh W., Knoxville, Tenn. Automatic drop-bottom dump vehicle. 2,036,644; Apr. 7.
- Sanford, Hugh W., Knoxville, Tenn. Frame construction for mine cars and other vehicles. 2,037,929; Apr. 21.
- Sanford, Hugh W., Knoxville, Tenn. Drop bottom mine car. 2,044,019; June 16.
- Sanford, Hugh W., Knoxville, Tenn. Drop bottom mine car. 2,044,638; June 16.
- Sanford, Hugh W., Knoxville, Tenn. Heating appliance. 2,048,354; July 21.
- Sanford, Hugh W., Knoxville, Tenn. Safety razor and blade therefor. 2,048,625; July 21.
- Sanford, Hugh W., Knoxville, and F. H. Thomas, Greeneville, assignors to Program Clocks, Inc., Knoxville, Tenn. Program clock. 2,026,998; Jan. 7.
- Sanford, Jack C. (See McCollum, Alvie D., assignor.)
- Sanford Mills. (See Morgan, George A., assignor.)
- Sanford, Roy S. (See Klierath, V. W., and Sanford.)
- Sanford, Roy S., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,041,492; May 19.
- Sanford, Roy S., assignor to Bendix Aviation Corporation, South Bend, Ind. Vehicle. 2,045,027; June 23.
- Sanford, Roy S., assignor to Bendix Brake Company, South Bend, Ind. Conduit. 2,048,471; July 21.
- Sanford, Roy S., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,048,472; July 21.
- Sanford, Roy S., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,051,904; Aug. 25.
- Sanford, Roy S., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,051,905; Aug. 25.
- Sanford, Roy S., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,055,241; Sept. 22.
- Sanford, Roy S., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,055,505; Sept. 29.
- Sanford, Roy S., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,057,743; Oct. 20.
- Sanford, Roy S., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch and brake operator. 2,051,906; Aug. 25.
- Sanford, Roy S., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch mechanism. 2,057,744; Oct. 20.
- Sanford, Roy S., South Bend, Ind., and F. L. O. Wadsworth, East Liberty, Pa., assignors to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,066,077; Dec. 29.
- Sanford, Selden B., Yonkers, assignor to Otis Elevator Company, New York, N. Y. Elevator guide. 2,057,118; Oct. 13.
- Sanford, Selden B., and D. C. Larson, Yonkers, assignor to Otis Elevator Company, New York, N. Y. Elevator push button switch. 2,051,654; Aug. 18.
- Sanford Investment Company, The. (See McLaughlin, Clyde D., assignor.)
- San Francisco Sulphur Company. (See Ceccon, John B., assignor.)
- Sangamo Electric Company. (See Hamill, Ret O., assignor.)
- Sangamo Electric Company. (See Holtz, Frederick C., assignor.)
- Sanger, Jakob, Vienna, Austria. Cuff-link. 2,049,082; July 28.
- Sanger, Lillian N., Framingham, Mass. Combination sandwich holder and knife guide. 2,057,250; Oct. 13.
- Sanger, Winston D., Minneapolis, Minn. Electrical measuring instrument. 2,043,495; June 9.
- Sanitago, Juan S., San Turce, P. R. Screen holder. 2,042,277; May 26.
- Sankowsky, Nicholas A., New Providence Township, Union County, N. J., assignor to Stanco Incorporated. Insecticides containing derris extracts and preparing the same. 2,058,832; Oct. 27.
- San Lorenzo Nursery Company. (See Shinoda, Kumachiro, assignor.)
- Sann, Otto. (See Hahn, G. J., and Sann.)
- Sann, Otto, and D. P. Steward, Johnstown, Pa. Mine car bumper. 2,036,361; Apr. 7.
- Santarsiero, Antonio V., New York, N. Y. Aircraft. 2,059,610; Nov. 3.
- Santiago, James J., assignor to J. Grant, Los Angeles, Calif. Well cleaning device. 2,059,611; Nov. 3.
- Santon, Elliot A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle check and release. 2,045,967; June 30.
- Santoni, Ermenegildo, Florence, Italy. Photogrammetric restitution apparatus. 2,057,921; Oct. 20.
- Santore, Cono, Long Island City, N. Y., assignor to Breeze Corporations, Inc., Newark, N. J. Latch for bulkhead doors. 2,060,903; Nov. 17.
- Santucci, Nicholas, Niles Center, Ill. Pipe testing plug. 2,064,569; Dec. 15.
- Santulli, Angelo R., Brooklyn, N. Y. Window. 2,055,752; Sept. 29.
- Santurello, Peter, Columbus, Ohio. Hair waving apparatus. 2,034,635; Mar. 17.
- Santurello, Peter, Columbus, Ohio. Hair-waving apparatus. 2,039,558; May 5.
- Santurello, Peter, Columbus, Ohio. Fluid dispensing device. 2,048,142; July 21.
- Santurello, Peter, Columbus, Ohio. Hair waving apparatus. 2,061,212; Nov. 17.
- Sapp, John, Republic, Pa. Football game and apparatus. 2,039,740; May 5.
- Sappenfeld, Charles D., Oakland, Calif. Extension pedal for piano pedals. 2,047,332; July 14.
- Saracheck, Moe, Allentown, Pa., assignor to Charis Corporation, New York, N. Y. Boning structure for garments. 2,056,742; Oct. 6.
- Saranac Machine Company. (See Litchfield, Isaac W., assignor.)
- Sarber, Rae, Vancouver, British Columbia, Canada. Operating device for direction indicating appliances. 2,060,695; Nov. 10.
- Sarco Company. (See Adlam, Thomas N., assignor.)
- Sardik, Incorporated. (See Cowgill, William W., assignor.)
- Sardik Incorporated. (See Cowgill, W. W., and Pease, assignors.)
- Sarfert, Harry. (See Arnold, Arthur A., assignor.)
- Sargent, Allston. (See Campbell, H. E., and Sargent.)
- Sargent, Allston, Bronxville, assignor to Campbell Metal Window Corporation, New York, N. Y. Ventilating apparatus. 2,060,764; Nov. 10.
- Sargent & Company. (See Schatzlein, James C., assignor.)
- Sargent & Company. (See Stilson, Alec Y., assignor.)
- Sargent & Company. (See Voight, Henry G., assignor.)
- Sargent, Don A., Portland, Maine. Ventilating and air-conditioning apparatus. 2,062,042; Nov. 24.
- Sargent, E. H., & Co. (See Miller, C. H., and Sherrick, assignors.)
- Sargent, Edward B., Mount Lebanon, assignor, by mesne assignments, to H. H. Robertson Company, Pittsburgh, Pa. Floor outlet fixture housing. 2,029,393; Feb. 4.



- Sargent, Edward B., Mount Lebanon, assignor, by mesne assignments, to H. H. Robertson Company, Pittsburgh, Pa. Underfloor wiring conduit system. 2,041,965; May 26.
- Sargent, George H., Toronto, Ontario, Canada, assignor to The Egly Register Company, Dayton, Ohio. Form and carbon carrying control device. 2,041,025; May 19.
- Sargent & Greenleaf, Inc. (See Brown, Augustus C., 3d., Liquid level gauge. 2,033,153; Mar. 10.
- Sargent, John A., Bronxville, assignor to Campbell Metal Window Corporation, New York, N. Y. Automobile air cooling means. 2,053,206; Sept. 1.
- Sargent, Leonard E. (See Winning, C., Sargent, and Dudley.)
- Sargent, Neil A., Woburn, assignor to Merrimac Chemical Co., Inc., Everett, Mass. Hydrolysis of alkyl sulphate esters. 2,045,616; June 30.
- Sargent, Ralph M., Franklin Park, Mass. Utensil support. 2,065,875; Dec. 29.
- Sargent, Sullivan A., Jr., et al., trustees. (See Dahl, Edward T., assignor.)
- Sargent, Sullivan A., et al., trustees. (See Dahl, Edward T., assignor.)
- Sargent, Tom, and G. W. French, Whitehall, assignors to Strachan & Henshaw, Limited, Bristol, England. Manufacture of bags, packets, envelopes, and the like. 2,054,486; Sept. 15.
- Sargent, William D., Newark, N. J. Vehicle attachment. 2,053,447; Sept. 8.
- Sargent, William D., New York, N. Y., assignor, by mesne assignments, to Durafer (Inc.), Dover, Del. Centrifugally casting liners in brake drum shells. 2,044,815; June 23.
- Sargent's, C. G., Sons Corporation. (See Hogg, James A., assignor.)
- Sarkadi, Leo S., and C. E. Crowley, New York, N. Y. Rubber heel of detachable layers. 2,038,606; Apr. 28.
- Särnmark, Axel U., Gothenburg, Sweden. Absorption cold apparatus. 2,048,355; July 21.
- Sarona, Inc. (See Erdmann, H. M., and Voetter, assignors.)
- Sarosdy, Louis J., Beaver Falls, assignor to Koppel Industrial Car and Equipment Company, Koppel, Pa. Tie and spacer for wall forms. 2,034,638; Mar. 17.
- Sarrazin, Henry, Prince Albert, Saskatchewan, Canada. Drive mechanism for motor vehicles. 2,051,496; Aug. 18.
- Sarringar, William J., assignor of fifty per cent to L. N. Teitelbaum, St. Louis, Mo. Flatiron. 2,036,504; Apr. 7.
- Sart, Gilbert D., Salem, assignor to Ornamented Leather, Inc., Boston, Mass. Ornamented leather with artificial grain and making same. 2,046,000; June 30.
- Sartakoff, Jack D., Elmhurst, N. Y. Power transmission device. 2,038,959; Apr. 28.
- Saruchanoff, Nikita, Berlin-Charlottenburg, Germany. assignor.)
- Sasgen Derrick Company. (See Sasgen, Michael J. and M. F., assignors.)
- Sasgen, Matthias F. (See Sasgen, Michael J. and M. F.)
- Sasgen, Matthias F. (See Sasgen, Michael J. and M. F., and Sladek.)
- Sasgen, Michael J. and M. F., assignors to Sasgen Derrick Company, Chicago, Ill. Multiple derrick construction. 2,051,497; Aug. 18.
- Sasgen, Michael J. and M. F., and L. J. Sladek, Chicago, Ill., said M. F. Sasgen and said Sladek assignors to said M. J. Sasgen. Ventilating window lock. 2,054,488; Oct. 6.
- Sashoff, Stephan P., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric discharge device. 2,050,383; Aug. 11.
- Sasse, Wilhelm, Weimar, and E. Schneider, Uerdingen-on-the-Rhine, Germany, assignors to The Buell Combustion Company Limited, London, England. Heated drum apparatus for desiccating liquids and semiliquids. 2,046,489; July 7.
- Sassen, Bernard. (See Nenninger, L. F., and Sassen.)
- Sassen, Bernard. (See Nenninger, L. F., Romaine, and Sassen.)
- Sassen, Bernard, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Automatic pattern controlled milling machine. 2,044,020; June 16.
- Sassen, Bernard, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Tracer controlled cam cutting machine. 2,050,127; Aug. 4.
- Sassen, Bernard, and H. Ernst, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Automatic pattern controlled milling machine. 2,036,362; Apr. 7.
- Sassoli, Mario, Milan, Italy. Projecting apparatus. 2,047,521; July 14.
- Satara, Nick, et al. (See Kramer, Arthur P., assignor.)
- Sather, William, Norman, Okla. Automatic brake actuator for trailers. 2,035,023; Mar. 24.
- Saticoy Walnut Growers Association. (See Sharp, Hubert C., assignor.)
- Satona Limited. (See Hartmann, Carl W., assignor.)
- Sattler, Alexander, Brux, Czechoslovakia. Printing and furnishing system. 2,052,252; Aug. 25.
- Sattler, John H., Downey, Calif. Burner. 2,051,108; Aug. 18.
- Satukangas, Hannes, Pitajankmaki, assignor to Hannes Aarni, Lahti, and Johannes H. Kemila, Helsinki, Finland. Naught mechanism for use in ten key adding machines. 2,042,909; June 2.
- Saturn Heater Corporation. (See Hodges, Lee W., assignor.)
- Satzinger, Gebhard, Bad Kissingen, Germany. Communiting machine for foodstuffs. 2,042,161; May 26.
- Saudicœur, Louis J., Villeurbanne, France. Compressed air circuit breaker with movable piston. 2,039,838; May 5.
- Sauer, Albert H., Jr., Cincinnati, Ohio. Leather wrist watch strap. 2,035,671; Mar. 31.
- Sauer, Albert H., Jr., Cincinnati, Ohio. Article of manufacture and making same. 2,035,672; Mar. 31.
- Sauer, Arthur, Swingenberg-Hessen, assignor to Fissan Export Company Julius Bloch & Sohn, Frankfurt-on-the-Main, Germany. Composition of matter for use as a vehicle for other substances, and producing the same. 2,059,811; Nov. 3.
- Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Rotary hook for sewing machines. 2,035,984; Mar. 31.
- Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Rotary hook for sewing machines. 2,035,985; Mar. 31.
- Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Rotary hook for sewing machines. 2,035,986; Mar. 31.
- Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,043,712; June 9.
- Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,058,635; Oct. 27.
- Sauer, George, Berwyn, and C. C. Smith, assignors to Union Special Machine Company, Chicago, Ill. Feeding mechanism for sewing machines. 2,035,508; Mar. 31.
- Sauer, Louis J., Oak Park, Ill., assignor, by mesne assignments, to Ditto, Incorporated. Manufacturing duplicator sheets. 2,038,607; Apr. 28.
- Sauerland, Joseph. (See Colwin, M. B., and Sauerland.)
- Sauerman Bros., Inc. (See Roe, Harry A., assignor.)
- Sauerstoff-Central für Medizinische Zwecke Dr. Ernst Silten. (See Silten, Ernst, assignor.)
- Saukattis, Albert J., Philadelphia, assignor to American Chemical Paint Company, Ambler, Pa. Method of and material for inhibiting or retarding acid corrosion of ferrous metals. 2,049,517; Aug. 4.
- Saul, George N., Brooklyn, and J. B. Shiel, Glen Head, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Grouping circuit. 2,041,090; May 19.
- Saul, Waldo A., Lexington, assignor to General Plate Company, Attleboro, Mass. Thermostatic control. 2,046,186; June 30.
- Saul, Waldo A., Lexington, assignor to General Plate Company, Attleboro, Mass. Thermostat. 2,046,187; June 30.
- Saull, Louis, Brooklyn, N. Y. Needle guard attachment for sewing machines. 2,028,524; Jan. 21.
- Saunders, Albert D. (See Baumeister, P. A., and Saunders.)
- Saunders, Albert D., Great Neck, N. Y. Apparatus for applying liquids to concrete surfaces. 2,051,182; Aug. 18.
- Saunders, Arthur R. (See Pritchard, W. T., and Saunders.)
- Saunders, Charles W., Bramley, assignor to The General Electric Company Limited, London, England. Electric power plant. 2,054,662; Sept. 15.
- Saunders, Charles W., Bramley, and G. Ellis, Shepherds Bush, London, assignors to The General Electric Company Limited, London, England. Electric power plant. 2,054,663; Sept. 15.
- Saunders, Fred B., Auburn, Mass. Dispenser. 2,054,881; Sept. 22.
- Saunders, Harold F., Coffeyville, Kans., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Calcium-base lithopone. 2,041,618; May 19.
- Saunders, Henry E., Toronto, Ontario, Canada. Negative carrier for photographic printing machines. 2,041,373; May 19.
- Saunders Inventions Limited. (See Saunders, Philip K., assignor.)
- Saunders, James A., et al. (See Sweek, William O., assignor.)
- Saunders, James A. (See Sweek, W. O., and Benroth, assignors.)
- Saunders, Laurence P. (See Hardiman, F. M., and Saunders.)
- Saunders, Laurence P., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Radiator core. 2,063,757; Dec. 8.
- Saunders, Lyman G., assignor to Burroughs Adding Machine Company, Detroit, Mich. Typewriter. 2,055,561; Sept. 29.
- Saunders, Oliver G., Dayton, Ohio, and G. A. Christ, Jamaica, N. Y., assignors, by mesne assignments, to Central United National Bank, Cleveland, Ohio, as trustee. Flag lock. 2,061,636; Nov. 24.
- Saunders, Philip K., Montreal, Quebec, Canada. Diaphragm valve. 2,054,340; Sept. 15.



- Saunders, Philip K., assignor to Saunders Inventions Limited, Wolverhampton, England. Diaphragm valve. 2,056,113; Sept. 29.
- Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Adjustable seat support. 2,060,247; Nov. 10.
- Saunier, Joseph A. (See Montague, Homer F., assignor.)
- Saupe, Georg, Limbach, Germany. Flat warp knitting machine. 2,032,152; Feb. 25.
- Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient motor mounting. 2,034,639; Mar. 17.
- Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient motor support. 2,034,640; Mar. 17.
- Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Cushioned car rail. 2,045,253; June 23.
- Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vibration insulator. 2,047,493; July 14.
- Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Axle construction. 2,061,985; Nov. 24.
- Saurwein, Karl. (See Ulrich, H., and Saurwein.)
- Saurwein, Karl. (See Ulrich, H., Saurwein, and Siefert.)
- Sautier, Emile, Ensisheim, assignor to Manufacture de Machines du Haut-Rhin S. A., Mulhouse-Bourtzwiller, (Haut-Rhin, France). Manufacture of cartridge case cups. 2,028,996; Jan. 28.
- Sautier, Emile, Ensisheim, assignor to Manufacture de Machines du Haut-Rhin, S. A., Mulhouse-Bourtzwiller, Haut-Rhin, France. Apparatus for the manufacture of cups from which cartridge cases can be cold drawn. 2,029,797; Feb. 4.
- Sauzedde, Claude, Detroit, Mich., assignor to Detroit Hydrostatic Brake Corporation. Wheel. 2,030,076; Feb. 11.
- Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Heat-dissipating braking-wheel felly and tire-rim support. 2,033,958; Mar. 17.
- Sauzedde, Claude, Detroit, Mich., assignor to Detroit Hydrostatic Brake Corporation. Brake. 2,034,732; Mar. 24.
- Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Wheel hub. 2,037,741; Apr. 21.
- Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Fluid pressure brake actuating unit. 2,057,694; Oct. 20.
- Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Fluid-distributing and bleeder-valve combination for hydraulic brakes. 2,059,281; Nov. 3.
- Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Hydraulic braking wheel spider. 2,059,282; Nov. 3.
- Sauzedde, René E., Detroit, Mich., assignor, by mesne assignments, to Detroit Hydrostatic Brake Corporation. Hub brake. 2,038,608; Apr. 28.
- Savage Arms Corporation. (See Wareham, Harry, assignor.)
- Savage, Basil H., assignor to Savage Research Corporation, San Diego, Calif. Combined safety razor and sharpener. 2,036,722; Apr. 7.
- Savage, Basil H., assignor to Savage Research Corporation, San Diego, Calif. Spark plug. 2,048,297; July 21.
- Savage, Edward S., Rochester, N. Y. Spinning top. 2,051,748; Aug. 18.
- Savage, John L. (See Kenzie, P. A., Savage and France.)
- Savage Research Corporation. (See Savage, Basil H., assignor.)
- Savage, Thomas W., Reading, Mass. Distributing carrier for mail and the like. 2,043,560; June 9.
- Savard, Henry, Berlin, N. H. Hat bag. 2,049,026; July 28.
- Savary, Jean B. R., Paris, France. Device for the production of yaourt or the like. 2,052,253; Aug. 25.
- Savell, Walter L., Forest Hills, assignor to The Matheison Alkali Works, Inc., New York, N. Y. Chemical manufacture. 2,038,874; Apr. 28.
- Savich, Gavro, East Akron, Ohio. Spinning toy. 2,039,609; May 5.
- Savio, Alfred. (See Davenport, S. B., and Savio.)
- Savoleo, Leo, et al. (See Dolan, J., and Granata, assignors.)
- Savoye, Charles U. (See Kerr, H. J., and Savoye.)
- Savy, Robert, Courbevoie, France, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Removing biscuits from oven conveyers. 2,041,091; May 19.
- Sawford, Frank, Vancouver, British Columbia, Canada. Movement measuring recorder. 2,040,501; May 12.
- Sawin, Emily J., administratrix. (See Sawin, Lester M., assignor.)
- Sawin, Lester M., deceased, Chicago, Ill., E. J. Sawin, administratrix, assignor to The Susu Nut Company, Chicago, Ill. Apparatus for treating toasted nuts. 2,031,908; Feb. 25.
- Sawin, Lester M., Chicago, Ill., deceased, E. J. Sawin, administratrix, assignor to The Susu Nut Company, Chicago, Ill. Heater. 2,052,037; Aug. 25.
- Sawtelle, Charles A., assignor to S. & D. Engineering Company, Detroit, Mich. Brake. 2,051,275; Aug. 18.
- Sawtelle, Charles A., and A. A. Darmstaetter, assignors to S. and D. Engineering Company, Detroit, Mich. Vehicle brake assembly. 2,057,847; Oct. 20.
- Sawyer, Frank McM., Houston, Tex. Sashless sliding window. 2,027,753; Jan. 14.
- Sawyer, Marion B., assignor to Sawyer-Reed Manufacturing Company, Los Angeles, Calif. Laminated core and producing the same. 2,057,503; Oct. 13.
- Sawyer-Reed Manufacturing Company. (See Sawyer, Marion B., assignor.)
- Saxby, Robert N., Liverpool, England, assignor to Associated Telephone and Telegraph Company, Chicago, Ill. Automatic switch for use in telephone or like systems. 2,028,689; Jan. 21.
- Saxe, Arthur C., assignor to The Jaeger Machine Company, Columbus, Ohio. Well point. 2,031,983; Feb. 25.
- Saxe, Arthur C., assignor to The Jaeger Machine Company, Columbus, Ohio. Centrifugal pump structure. 2,057,634; Oct. 13.
- Saxe, Arthur C., assignor to The Jaeger Machine Company, Columbus, Ohio. Centrifugal pump structure. 2,061,521; Nov. 17.
- Saxe, Arthur G., assignor of one-third to A. E. Lock, and one-third to E. S. Clarke, San Francisco, Calif. Manikin. 2,034,446; Mar. 17.
- Saxe, Walter E., Altadena, Calif. Material separation. 2,040,502; May 12.
- Saxe, Walter E., Altadena, Calif. Material separator. 2,040,503; May 12.
- Sayers, William W., assignor to Link-Belt Company, Chicago, Ill. Settling tank. 2,053,636; Sept. 8.
- Sayers, William W., assignor to Link-Belt Company, Chicago, Ill. Settling tank for sewage and the like. 2,064,497; Dec. 15.
- Sayler, Galen H., assignor to The Parker Pen Company, Janesville, Wis. Fountain pen. 2,035,378; Mar. 24.
- Sayles Biltmore Bleacheries, Inc. (See Coleman, Nelson R., assignor.)
- Sayles Biltmore Bleacheries, Inc. (See McCulloh, Marvin W., assignor.)
- Sayles Finishing Plants, Inc. (See Arient, Peter J., assignor.)
- Sayles, Henry S., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Apparatus for the treatment of gases or vapors with liquids. 2,042,127; May 26.
- Saylor, Frank D., Highland Park, Mich. Flexible insulation and making same. 2,062,832; Dec. 1.
- Saylor, Raymond B. (See Porter, R., and Saylor.)
- Sayre, Gordon B., Syracuse, assignor, by mesne assignments, to Eclipse Machine Company, Elmira Heights, N. Y. Automatic controller for internal combustion engine starters. 2,064,358; Dec. 15.
- Saywell, Lawrence G., Berkeley, Calif. Wine and vinegar clarification process. 2,043,713; June 9.
- Scaffolding (Great Britain) Limited. (See Jones, David H., assignor.)
- Scaglione, Rosario, Girard, Ohio. Grafting or welding. 2,059,812; Nov. 3.
- Scale-Models, Inc. (See Boyd, Kenneth M., assignor.)
- Scalise, Oreste, and D. Coleman, New York, N. Y. Adhesive. 2,062,942; Dec. 1.
- Scammell Lorries Limited. (See North, O. D., and Hugh, assignors.)
- Scandore, Nicholas, Brooklyn, N. Y. Box. 2,037,341; Apr. 14.
- Scantlebury, Harold E. (See Barkeley, J. T., and Scantlebury.)
- Scarlat, Samuel, et al. (See Schmidt, Louis D., assignor.)
- Scarlett, Arthur A., Hamilton, Ontario, Canada, assignor, by mesne assignments, to International Harvester Company, Chicago, Ill. Implement attachment for tractors. 2,054,524; Sept. 15.
- Scarlett, William E. (See Pym, A. F., and Scarlett.)
- Scarnegie, Daniel A., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating apparatus. 2,051,154; Aug. 18.
- Scarritt, Winthrop T., Utica, N. Y. Muffler. 2,035,923; Mar. 31.
- Schaad, Elbert E., Berkeley, Calif. Scooter. 2,027,620; Jan. 14.
- Schaaf, Albert E., Cleveland, and G. M. Walton, Parma, assignors to Air-Maze Corporation, Cleveland, Ohio. Air filter means. 2,046,093; June 30.
- Schaaf, Herman, Philadelphia, Pa. Damper. 2,056,410; Oct. 6.
- Schaaff, John T., deceased, by L. A. Schaaff, executrix, Washington, D. C., assignor to International Business Machines Corporation, New York, N. Y. Record perforating machine. 2,030,405; Feb. 11.
- Schaaff, Lillian A., executrix. (See Schaaff, John T.)
- Schaaff, Louis W., White Plains, assignor of fifty-two per cent to W. M. Kuhn, New York, N. Y. Eyecup. 2,058,515; Oct. 27.
- Schaaff, Louis W., White Plains, assignor of fifty-two per cent to W. M. Kuhn, New York, N. Y. Dropper for medicines, perfumes, and other liquids. 2,058,516; Oct. 27.
- Schaar, Arnold, Vienna, Austria. Textile article. 2,046,039; June 30.



- Schaarschmidt, Alfred, deceased, Berlin-Charlottenburg, Germany, E. M. I. Schaarschmidt, sole heiress, assignor to Antares Trust Registered, Vaduz, Liechtenstein. Making oxygen containing products from hydrocarbons. 2,037,050; Apr. 14.
- Schaarschmidt, Erna M. I., sole heiress. (See Schaarschmidt, Alfred.)
- Schabinger, Arthur A., Omaha, Nebr. Device for basket ball games. 2,049,593; Aug. 4.
- Schacher, Herman, Eden, N. Y. Top for containers. 2,033,256; Mar. 10.
- Schacht, Elmer C., Troy, N. Y., assignor, by mesne assignments, to Behr-Manning Corporation. Method of coating and apparatus therefor and product. 2,027,307; Jan. 7.
- Schacht, Elmer C., Troy, N. Y., assignor, by mesne assignments, to Behr-Manning Corporation. Manufacture of abrasive articles. 2,027,308; Jan. 7.
- Schacht, Elmer C., assignor to Behr-Manning Corporation, Troy, N. Y. Abrasive material. 2,027,309; Jan. 7.
- Schacht, Elmer C., assignor to Behr-Manning Corporation, Troy, N. Y. Insulated conductor. 2,051,423; Aug. 18.
- Schachtel, Otto, assignor to Theo. A. Kochs Company, Chicago, Ill. Chair base. 2,044,021; June 16.
- Schad, Konrad. (See Meder, G., and Schad.)
- Schade, Arthur, and E. Schweitzer, deceased, by A. Schweitzer, administratrix, Wiesbaden-Biebrich, Germany, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Extrusion device and process. 2,053,920; Sept. 8.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Book construction. 2,030,472; Feb. 11.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Combined loose leaf binder and pencil box. 2,035,571; Mar. 31.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Wire bound book. 2,050,545; Aug. 11.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Wire-bound book. 2,051,183; Aug. 18.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Decorated back panel for loose leaf books. 2,051,907; Aug. 25.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Casing for loose leaf binders and forming the same. 2,051,908; Aug. 25.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Loose leaf binder construction. 2,052,665; Sept. 1.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Paper sheet for loose leaf book pages. 2,059,148; Oct. 27.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Loose leaf binding device. 2,061,675; Nov. 24.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Book binding construction. 2,061,677; Nov. 24.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Bookbinding construction. 2,064,224; Dec. 15.
- Schade, James W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber manufacture. 2,059,284; Nov. 3.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Loose leaf book. 2,030,473; Feb. 11.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Ring binder construction. 2,061,676; Nov. 24.
- Schade, Otto H., West Orange, N. J., assignor to Radio Corporation of America. Interlocking circuits. 2,037,659; Apr. 14.
- Schade, Otto H., West Orange, N. J., assignor to Radio Corporation of America. Volume control for reflex circuits. 2,039,666; May 5.
- Schädler, Friedrich A., Arbon, Switzerland. Space closing constructional element. 2,045,055; June 23.
- Schaedler, Robert, Hatfield, Pa. Guy wire fastener. 2,064,952; Dec. 22.
- Schaefer, Adolph O., assignor to Atlantic Service Company, Inc., Brooklyn, N. Y. Knives for meat choppers. 2,049,083; July 28.
- Schaefer, Edward G., Hillside, N. J. Bathing implement. 2,035,014; Mar. 24.
- Schaefer, Frank M., Chicago, Ill. Oil can. 2,031,672; Feb. 25.
- Schaefer, Fred, Creighton, Nebr. Foldable silo. 2,036,363; Apr. 7.
- Schaefer, Fred, Hammond, Ind. Hydraulic dredge swinger. 2,061,440; Nov. 17.
- Schaefer, Frederic, Pittsburgh, Pa. Brake shoe key. 2,050,384; Aug. 11.
- Schaefer, Frederic, Pittsburgh, Pa. Brake shoe key. 2,051,909; Aug. 25.
- Schaefer, George P. (See Kimball, W. D., Braren, and Schaefer.)
- Schaefer, Henry G., Lakewood, Ohio. Vehicle. 2,032,721; Mar. 3.
- Schaefer, John, et al. (See Cuddigan, Bartholomew O., assignor.)
- Schaefer, Josef, assignor to Collin & Co., Dortmund, Germany. Production of crystals of salts. 2,037,595; Apr. 14.
- Schaefer, Joseph K., Hollywood, Calif. Battery terminal clamp. 2,041,966; May 26.
- Schaefer, Otto T., and R. J. Wetcher, assignors to Schaefer-Wetcher Co. Inc., Detroit, Mich. Flexible hand duster. 2,048,033; July 21.
- Schaefer, Stephen, White Plains, N. Y. Appliance plug. 2,035,345; Mar. 24.
- Schaefer-Wetcher Co., Inc. (See Schaefer, O. T., and Wetcher, assignors.)
- Schaeffer, Ethan A., Jr., Springfield, Ohio. Wallpaper remover. 2,030,720; Feb. 11.
- Schaeffer, Herman A. (See Scott, F. L., and Schaeffer.)
- Schaeffer, John, assignor to The Van Brunt Manufacturing Company, Horicon, Wis. Power lift clutch mechanism. 2,029,127; Jan. 28.
- Schaelchlin, Walter. (See Frisch, E., Schaelchlin, and Ashbaugh.)
- Schaer, Charles, Langenthal, assignor to firm Sulzer Frères Societe Anonyme, Winterthur, Switzerland. Internal combustion engine-electric power. 2,050,068; Aug. 4.
- Schaer, Charles, Langenthal, assignor to firm Sulzer Frères Societe Anonyme, Winterthur, Switzerland. Internal combustion engine-electric power unit. 2,055,209; Sept. 22.
- Schaer, Charles, assignor to Sulzer Freres Société Anonyme, Winterthur, Switzerland. Governing apparatus for internal combustion engines. 2,053,682; Sept. 8.
- Schaer, Charles, assignor to the firm of Sulzer Frères Societe Anonyme, Winterthur, Switzerland. Multicylinder reciprocating piston machine. 2,056,622; Oct. 6.
- Schäfer, Bruno, Phillipsburg, Germany. Disk-type gasholder. 2,047,333; July 14.
- Schäfer, Erich. (See Hammer, A. and Schäfer, assignors.)
- Schäfer, Ernest F., Pleasant Ridge, Mich. Golf device. 1,057,504; Oct. 13.
- Schäfer, Frederick A., Mount Pulaski, Ill. Holder for cups and similar articles. 2,052,847; Sept. 1.
- Schäfer, Friedrich, St. Gallen, Switzerland. Fastener. 2,035,436; Mar. 24.
- Schäfer, John V., assignor to Bronson Reel Company, Bronson, Mich. Fishing reel. 2,035,924; Mar. 31.
- Schäfer, John V., assignor to Bronson Reel Company, Bronson, Mich. Fishing reel. 2,049,666; Aug. 4.
- Schaffer, Isidor M., Kew Gardens, N. Y., assignor to Max Schaffer Company, Inc. Lighting fixture. 2,047,921; July 14.
- Schaffer, Mathew H. (See Cocks, Ambrose W., assignor.)
- Schaffer, Max, Company. (See Schaffer, Isidor M., assignor.)
- Schaffner, John F., Arcadia, Wis. Lathe. 2,061,777; Nov. 24.
- Schäfflein, Karl, Bern, Switzerland. Driving device for a machine for casting stereotype plates. 2,031,131; Feb. 18.
- Schäfflein, Karl, Bern, Switzerland. Machine for casting stereotype plates and the like. 2,031,132; Feb. 18.
- Schafmeister, Paul, and E. A. Spenlé, assignors to Fried. Krupp A. G., Essen, Germany. Chrome nickel steel alloy product and method of making the same. 2,027,554; Jan. 14.
- Schaich, Wilhelm. (See Schirmacher, K., Schaich, Wolfram, Tampke, Billig, and Schirmacher.)
- Schaller, Johann W. (See Bernstiel, E., and Schaller.)
- Schaller, Warren G., New York, N. Y. Molding and movable base receptacle. 2,039,982; May 5.
- Schaller, Warren G., Pelham Manor, N. Y. Molding and electric outlet box. 2,043,776; June 9.
- Schamer, Joseph and D. E. Andrews, Kaukauna, Wis. Washer for mugs, glasses, etc. 2,028,690; Jan. 21.
- Schane, Edward H., Lakewood, assignor to The Greif Bros. Cooperage Co., Cleveland, Ohio. Wireworking machine and method. 2,042,128; May 26.
- Schank, Arthur M., Brooklyn, N. Y. Border slide for type casting machines. 2,054,952; Sept. 22.
- Schankin, Max, Johannisthal, near Berlin, Germany, assignor to firm Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body. 2,058,181; Oct. 20.
- Schantz, Andrew R., Lowville, N. Y. Fence post. 2,033,133; Apr. 21.
- Schantz, Edward W., Newark, N. J. Tool for making snap fasteners for bag frames. 2,030,406; Feb. 11.
- Schantz, Socrates J. M., St. Louis, Mo., assignor to The Container Company, Van Wert, Ohio. Method of and a device for applying adhesive tape to containers. 2,057,060; Oct. 13.
- Schaper, William A., assignor to Meissner Manufacturing Company, Chicago, Ill. Radio apparatus. 2,030,271; Feb. 11.
- Schaper, William A., assignor to Johnson Laboratories, Inc., Chicago, Ill. Permeability tuning means. 2,051,012; Aug. 11.
- Schaper, Wolfgang, Berlin, Germany. Separable fastener. 2,032,858; Mar. 3.
- Schapira, Carl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Acoustic apparatus. 2,031,859; Feb. 25.
- Scharer-Nussbaumer & Co. (See Siegenthaler, Walter, assignor.)
- Scharf, Frank W., Sioux City, Iowa, assignor to McGraw Electric Company, Chicago, Ill. Rotary motor or pump. 2,029,590; Feb. 4.



- Scharf, John J., W. Hasselbach, and L. T. Strommer, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Tunnel kiln. 2,053,497; Sept. 8.
- Scharf, Leo. (See Skreta, Max, assignor.)
- Scharf, Paul B. (See Curtis, L. F., and Scharf.)
- Scharfenberg, Karl, Berlin-Nikolassee, Germany. Car coupler. 2,054,005; Sept. 8.
- Scharfman, Harry H., and M. Kamen, Chicago, Ill. Method of applying decorative indicia to articles. 2,037,827; Apr. 21.
- Scharlau, Hans. (See Leib, A., and Scharlau.)
- Scharlau, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finder compensator for direct reading of true bearings. 2,031,073; Feb. 18.
- Scharr, Walter P., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Bill feed attachment. 2,046,001; June 30.
- Schat, Ane P., Utrecht, Netherlands. Means for handling a ship's lifeboat. 2,044,403; June 16.
- Schat, Ane P., Utrecht, Netherlands. Handling life boats on board a vessel. 2,047,494; July 14.
- Schattaneck, Erich, Vienna, Austria. Device for aerating fermentation liquids. 2,038,451; Apr. 21.
- Schattank, Heinrich, Leipzig, assignor to Dr. E. Ostwald, Berlin-Charlottenburg, Germany. Device for producing periodical current impulses. 2,038,960; Apr. 28.
- Schatz, Hermann. (See Breuers, W., and Schatz.)
- Schatz, Norman G., assignor of fifty per cent to "Jan" De Graff, Sandy, Oreg. Weed and vine cutter. 2,052,802; Sept. 1.
- Schatzel, Rudolph A., Rome, assignor to General Cable Corporation, New York, N. Y. Insulated conductor. 2,029,546; Feb. 4.
- Schatzel, Rudolph A., Rome, assignor to General Cable Corporation, New York, N. Y. Cable. 2,033,790; Mar. 10.
- Schatzel, Rudolph A., Rome, assignor to General Cable Corporation, New York, N. Y. Electric cable. 2,034,992; Mar. 24.
- Schatzel, Rudolph A., Rome, assignor to General Cable Corporation, New York, N. Y. Electric cable. 2,059,178; Oct. 27.
- Schatzlein, James C., East Haven, assignor to Sargent & Company, New Haven, Conn. Exit door lock. 2,056,537; Oct. 6.
- Schatzman, George W. (See Ferguson, A. P., and Schatzman.)
- Schaub, Carl M., Detroit, Mich. Welding electrode. 2,037,596; Apr. 14.
- Schaub, Charles F., Longview, Wash. Apparatus for making multicolored paperboards. 2,037,597; Apr. 14.
- Schauer, Lawrence L., Wyoming, assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Multiple hydraulic rotor drive for drill spindles. 2,056,908; Oct. 6.
- Schauer, Lawrence L., Wyoming, assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Hydraulic motor unit. 2,056,909; Oct. 6.
- Schauer, Lawrence L., Wyoming, assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Hydraulic motor unit. 2,056,910; Oct. 6.
- Schauer, Lawrence L., Wyoming, assignor to The Cincinnati Bickford Tool Company, Oakley, Cincinnati, Ohio. Simplified control for drill spindles. 2,065,476; Dec. 22.
- Schauer, Lawrence L., Wyoming, assignor to The Cincinnati Bickford Tool Company, Oakley, Cincinnati, Ohio. Head mounted control means for radial drills. 2,065,477; Dec. 22.
- Schauer, Lawrence L., Wyoming, and J. H. McKewen, Cincinnati, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Double dial control for hydraulic radial drills. 2,027,705; Jan. 14.
- Schauer, Lawrence L., Wyoming, and J. H. McKewen, Cincinnati, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Counterbalance valve. 2,027,706; Jan. 14.
- Schauer, Lawrence L., Wyoming, and A. M. Sosa, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Limit depth gauge. 2,033,484; Mar. 10.
- Schaulin, George M. (See Black, F. W., Lindemann, and Schaulin.)
- Schaum, Paul F., Cincinnati, Ohio. Control device for power laundry washers. 2,026,850; Jan. 7.
- Schaumann, Otto. (See Bockmühl, M., Lindner, and Schaumann.)
- Schaumann, Otto. (See Bockmühl, M., Schaumann, Ehrhart, and Stein.)
- Schaumburg, Charles. (See McDonough, A. A., Vickers, and Schaumburg, assignors.)
- Schaurte, Werner T., Neuss-on-the-Rhine, and A. Thum, Darmstadt, assignors to Bauer & Schaurte, Rheinische Schrauben u. Mutterfabrik A. G., Neuss-on-the-Rhein, Germany. Metal element and making the same. 2,060,593; Nov. 10.
- Schauseil, Albert P., and J. E. Gleason, assignors to Gleason Works, Rochester, N. Y. Machine for producing gears. 2,044,485; June 16.
- Schavone, James V., Munhall, Pa. Skate wheel. 2,064,690; Dec. 15.
- Scheeler, Charles A., assignor to Buffalo Wire Works Co., Inc., Buffalo, N. Y. Woven wire screen. 2,037,271; Apr. 14.
- Scheeler, Charles A., assignor to Buffalo Wire Works Co., Inc., Buffalo, N. Y. Guard for hanging electric light bulbs. 2,042,634; June 2.
- Scheer, William H., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic relay circuits. 2,034,881; Mar. 24.
- Scheffer, Marinus A., assignor to N. V. Nederlandsche Gist-en Spiritusfabriek, Delft, Netherlands. Microbiological preparation of 2,3-butyleneglycol. 2,064,359; Dec. 15.
- Scheffer, Frederick W., Joliet, Ill. Adjustable self-aligning bearing. 2,048,972; July 28.
- Scheibel, Frederick W., South San Francisco, Calif. Doughnut machine. 2,055,639; Sept. 29.
- Scheibel, Kurt G. (See Bohmann, A. A., and Scheibel.)
- Scheibel, Kurt G., assignor to Würker G. m. b. H., Dresden, Germany. Driving means in embroidery machines. 2,034,598; Mar. 17.
- Scheibel, Kurt G., Dresden-Strehlen, assignor to Würker G. m. b. H., Dresden, A. Germany. Driving device for textile machines. 2,059,659; Nov. 3.
- Scheibell, Gordon B., Newark, N. J. Automatic program system. 2,031,074; Feb. 18.
- Scheibell, Gordon B., New York, N. Y. Selective program system. 2,031,075; Feb. 18.
- Scheidegger, Jakob. (See Felix, F., and Scheidegger.)
- Scheifele, Frederick W., Audobon, N. J. Combustion chamber air feed means. 2,037,598; Apr. 14.
- Scheil, Erich, Dortmund, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Avoiding coarse crystallization at the solidification of metallic castings. 2,042,735; June 2.
- Scheil, Erich, Dortmund, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Chromium aluminum steel adapted to be used for articles exposed to high temperatures. 2,043,631; June 9.
- Scheineman, Fred W. (See Adams, C. E., and Scheineman.)
- Scheinman, Sol, White Plains, N. Y. Reinforced collapsible file casing. 2,061,485; Nov. 17.
- Scheldorf, Marvel W., Haddon Heights, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Sound reproducing apparatus. 2,036,832; Apr. 7.
- Scheldorf, Marvel W., Haddon Heights, N. J., assignor to Radio Corporation of America. Acoustic resistance device. 2,065,751; Dec. 29.
- Schellkunoff, Sergei A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,038,240; Apr. 21.
- Schellkunoff, Sergei A., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coaxial conductor transmission system. 2,052,317; Aug. 25.
- Schell, Charles, assignor to Schell Leather Goods Company, Cincinnati, Ohio. Handle means for cases and the like. 2,036,645; Apr. 7.
- Schell, Herbert H. (See Ferguson, D., and Schell.)
- Schell Leather Goods Company. (See Schell, Charles, assignor.)
- Schell, Marion P., Huntington, Ind. Wheel mount. 2,034,155; Mar. 17.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Switch. 2,030,657; Feb. 11.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Switch. 2,033,591; Mar. 10.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Slow break switch. 2,039,117; Apr. 28.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Enclosed terminal construction for resistance elements. 2,041,212; May 19.
- Schellenger, Newton C., Elkhart, Ind., assignor to Chicago Telephone Supply Company. Rheostat. 2,043,777; June 9.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Snap switch. 2,054,139; Sept. 15.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Control device. 2,059,712; Nov. 3.
- Schellenger, Newton C., Elkhart, Ind., assignor to Chicago Telephone Supply Company. Rheostat mounting. 2,059,813; Nov. 3.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Resistance element. 2,061,106; Nov. 17.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Making resistance elements. 2,061,107; Nov. 17.
- Schellenger, Newton C., and W. E. Haselwood, assignors to Chicago Telephone Supply Company, Elkhart, Ind. Resistance element. 2,041,213; May 19.
- Schellenger, Newton C., and M. B. Arisman, assignors to Chicago Telephone Supply Co., Elkhart, Ind. Control device. 2,063,343; Dec. 8.
- Schellens, Christopher A., Marblehead, Mass. Oil burner. 2,034,210; Mar. 17.
- Schellens, Christopher A., Marblehead, Mass. Gearing. 2,059,612; Nov. 3.
- Schellens, Christopher A., Marblehead, Mass. Gear cutting machine. 2,059,613; Nov. 3.
- Schellens, Christopher A., Marblehead, Mass., and G. W. Emery, assignors to C-S Engineering Company, Englewood, N. J. Locomotive. 2,064,126; Dec. 15.



- Schellens, Eugene L., Ridgewood, assignor to The Shellwood-Johnson Company, Paterson, N. J. Heat-insulating food container. 2,038,763; Apr. 28.
- Schellens, Eugene L., Ridgewood, assignor to The Shellwood-Johnson Company, Paterson, N. J. Porous metal body and making it. 2,042,635; June 2.
- Schellens, Eugene L., Ridgewood, assignor to The Shellwood-Johnson Company, Paterson, N. J. Fireless cooker. 2,054,206; Sept. 15.
- Schellentrager, Eugene W., Shaker Heights, Ohio. Car structure. 2,041,211; May 19.
- Schellentrager, Eugene W., Shaker Heights, Ohio. Associated gates for hoppers. 2,046,040; June 30.
- Scheller, Gustave A., Paterson, N. J. Cop winding machine. 2,062,679; Dec. 1.
- Schellin, John C., Wooster, Ohio. Hose coupling thread terminus indicator. 2,029,798; Feb. 4.
- Schellin, John C., assignor to The Akron Brass Manufacturing Company, Wooster, Ohio. Nozzle construction. 2,035,194; Mar. 24.
- Schellin, John C., assignor to The Akron Brass Manufacturing Company, Wooster, Ohio. Duplex nozzle construction. 2,043,714; June 9.
- Schellin, John C., assignor to Akron Brass Manufacturing Company, Incorporated, Wooster, Ohio. Valve construction. 2,063,699; Dec. 8.
- Schellmann, Max. (See Beller, H., and Schellmann.)
- Schellmann, Max, Oppau, and H. Franzen, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Separation of unsaponifiable matter from saponifiable materials containing the same. 2,056,984; Oct. 13.
- Schelly, Cyril G., Webster Groves, Mo. Recording chart device. 2,063,126; Dec. 8.
- Schelske, Adolph. (See Fiedler, William J., assignor.)
- Schema, Louis, Kiel, Wis. Stone picker. 2,042,193; May 26.
- Schemmel, R. C., et al. (See Hall, William J., assignor.)
- Schemmel, Robert C., Union City, Ind. Trimming molding. 2,047,747; July 14.
- Schenck, Adolph E., Esmond, R. I. Hiding core thread in yarn. 2,036,778; Apr. 7.
- Schenck, John F., Sr., Lawndale, N. C. Collapsible spindle. 2,034,836; Mar. 24.
- Schenck, John F., Jr., and R. W. Patterson, Shelby, N. C., assignor of sixty per cent to said Schenck, and forty percent to said Patterson. Labeling machine. 2,046,212; June 30.
- Schenck, Martin. (See Müller, R., Schenck, and Wirbatz.)
- Schenectady Cast Stone Company. (See Van Kamerik, John N., assignor.)
- Schenk, Bernard H., assignor to The Visking Corporation, Chicago, Ill. Packaging artificial sausage casings and product. 2,028,691; Jan. 21.
- Schenk, Peter, Ketchikan, assignor of one-third to F. F. Nimtz, Ketchikan, First District, Territory of Alaska. Bow-facing oar. 2,051,424; Aug. 18.
- Schenker, Abraham S., Brooklyn, N. Y. Paper roll holding device. 2,032,440; Mar. 3.
- Schepman, George W., and W. W. Merydith, Detroit, Mich. Frozen confection and forming and dispensing. 2,045,730; June 30.
- Schepmann, Wilhelm, Berlin-Neutempelhof, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. High frequency receiver. 2,041,433; May 19.
- Scherdel, Egid, New York, N. Y. Yarn tensioning and guiding device for weavers' shuttles. 2,043,395; June 9.
- Scherer, Charles M., Chicago, Ill. Eyeglasses. 2,035,195; Mar. 24.
- Scherer, Ernest, Minneapolis, Minn. Making half-tone plates. 2,032,771; Mar. 3.
- Scherer, Henry B., South St. Paul, Minn. Game apparatus. 2,030,322; Feb. 11.
- Scherer, William C., Detroit, Mich. Laminated wall structure. 2,034,489; Mar. 17.
- Schering-Kahlbaum A. G. (See Baensch, W., and Klap-hake, assignors.)
- Schering-Kahlbaum A. G. (See Butenandt, Adolf, assignor.)
- Schering-Kahlbaum A. G. (See Diedrich, Paul, assignor.)
- Schering-Kahlbaum A. G. (See Feldt, A., Schoeller, and Allardt, assignors.)
- Schering-Kahlbaum A. G. (See Hildebrandt, F., and Schwenk, assignors.)
- Schering-Kahlbaum A. G. (See Putter, Erich, assignor.)
- Schering-Kahlbaum A. G. (See Schoeller, W., and Goebel, assignors.)
- Schering-Kahlbaum A. G. Berlin. (See Schoeller, W., and Jordan, assignors.)
- Schering-Kahlbaum A. G. (See Schwenk, E., and Gehrke, assignors.)
- Schering-Kahlbaum A. G. (See Schwenk, E., and Hildebrandt, assignors.)
- Schertel, Ludwig, Essen, Germany. Recovering tin. 2,055,732; Sept. 29.
- Schetelig, Paul, assignor to "Society of Chemical Industry in Basle", Basel, Switzerland. Sulphur dyestuffs and making same. 2,027,323; Jan. 7.
- Schettler, Gustav A., Leeds, England, assignor to The Turner Tanning Machinery Company, Portland, Me. Machine for operating upon hides, skins, and leather. 2,032,379; Mar. 3.
- Schettler, Gustav A., Leeds, England, assignor to The Turner Tanning Machinery Company, Portland, Me. Machine for operating upon hides, skins, and leather. 2,033,154; Mar. 10.
- Schettler, Gustav A., Leeds, England, assignor to The Turner Tanning Machinery Company, Portland, Me. Machine for operating upon hides, skins, and leather. 2,038,682; Apr. 28.
- Scheu Products Company et al. (See Mahlstedt, John E., assignor.)
- Scheuchzer, Auguste, Lausanne, Switzerland. Ballast tamping machine. 2,052,943; Sept. 1.
- Scheuer and Company. (See Hamer, L., and Jarmak, assignor.)
- Scheuer, Ralph I., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Galley cabinet. 2,050,810; Aug. 11.
- Scheuer, Sidney H. (See Hamer, Lewis, assignor.)
- Scheyer, Heinz, Frankfurt-on-the-Main, and E. Schwamberger, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone series and making same. 2,042,683; June 2.
- Scheyer, Sophie, born von Pezachowicz, and S. Arcari, Munich, Germany. Liquid container. 2,057,745; Oct. 20.
- Scheynost, Rudolph, Chicago, Ill. Comminuting machine. 2,060,126; Nov. 10.
- Schiavi, Angelo. (See Ramirez, A., Jr., and Schiavi.)
- Schicht, Heinrich, Hückeswagen, assignor to the firm W. Ferd. Klingenberg Söhne, Remscheid-Berghausen, Germany. Machine for cutting bevel gears with longitudinally curved teeth. 2,037,930; Apr. 21.
- Schicht, Heinrich, Hückeswagen, assignor to the firm: W. Ferd. Klingenberg, Söhne, Remscheid-Berghausen, Germany. Compensating mechanism for thread cutting machines. 2,061,778; Nov. 24.
- Schichtel, Georg, Dobriach-on-Millstättersee, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Multiple alloys. 2,041,865; May 26.
- Schichtel, Georg, Dobriach-on-Millstättersee, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Multiple alloys. 2,041,867; May 26.
- Schichtel, Georg, Radentheim, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Multiple alloys. 2,041,866; May 26.
- Schick Industries Limited. (See Schick, Jacob, assignor.)
- Schick, Jacob, Stamford, Conn. Dry shaver. 2,045,106; June 23.
- Schick Jacob, Stamford, Conn., assignor, by mesne assignments, to Schick Industries Limited, Nassau, Bahama Islands. Electric motor. 2,064,038; Dec. 15.
- Schick, Joseph, Brooklyn, N. Y. Display cabinet. 2,049,140; July 28.
- Schick, Paul, Frankfurt-on-the-Main-Fechenheim, and A. Bansa, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Black sulphur dyestuffs. 2,032,635; Mar. 3.
- Schickel, William P., New York, N. Y. Receptacle. 2,063,525; Dec. 8.
- Schickler, Albert C., Shaker Heights, assignor to The Economy Electric Products Company, Cleveland, Ohio. Mechanical stoker. 2,056,538; Oct. 6.
- Schidrowitz, Philip, and C. A. Redfarn, assignors to Rubber Producers Research Association, London, England. Rubber derivatives. 2,039,191; Apr. 28.
- Schieber, Jacob W., Scranton, Pa. Nonrefillable attachment. 2,057,635; Oct. 13.
- Schieber, Jacob W., Scranton, Pa. Nonrefillable attachment. 2,057,636; Oct. 13.
- Schieck, Karl. (See Bäseler, W., and Schieck, assignors.)
- Schiedel, Joseph. (See Smith, H., Schiedel, and Asbury.)
- Schiek, Irving E., Rhinelander, Wis. Package of surgical adhesive bands. 2,035,196; Mar. 24.
- Schiele, Henry, Oradell, N. J. Portable cast reenforced concrete step. 2,044,260; June 16.
- Schielein, John P., Los Angeles, Calif. Lawn mower. 2,053,535; Sept. 8.
- Schier, Max, Miami, Fla. Venetian blind. 2,049,518; Aug. 4.
- Schierholtz, Otto J., assignors to Ontario Research Foundation, Toronto, Ontario, Canada. Chemical stabilization of paper and product. 2,033,452; Mar. 10.
- Schiff, Ludwig. (See Knoll, M., Schiff, and Stoerk.)
- Schiff, Sigmund, assignor to The J. H. Day Company, Cincinnati, Ohio. Sifting structure. 2,049,870; Aug. 4.
- Schiff, Frank, Hampstead, London, England, assignor to Radio Corporation of America. Sound gate. 2,032,184; Feb. 25.
- Schiffner, Otto E., Nevada City, Calif. Drill cleaning apparatus. 2,038,134; Apr. 21.
- Schilde, Friedrich W. L., Graz, Austria. Cellulose digester. 2,059,149; Oct. 27.
- Schilde, Martin, New Orleans, La. Spring. 2,047,802; July 14.
- Schiller, Bernard, New York, N. Y., assignor to White & Wyckoff Mfg. Company, Holyoke, Mass. Decorating paper and the product. 2,037,488; Apr. 14.
- Schiller, Frederick A., Newark, assignor, by mesne assignments, to Indicator Corporation, Irvington, N. J. Multiple fuse plug. 2,058,264; Oct. 20.
- Schiller, Georg. (See Wietzel, G., and Schiller.)



- Schiller, Georg, and G. Wietzel, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of hydrogen from hydrocarbons. 2,056,911; Oct. 6.
- Schiller, Hyman, New York, N. Y. Suspenders. 2,062,833; Dec. 1.
- Schilling, Ernest, Philadelphia, Pa. Frying pan. 2,033,011; Mar. 3.
- Schilling, Frederick B., Bayside, assignor to Nichols Engineering & Research Corporation, New York, N. Y. Drying and incinerating of sewage, garbage, etc. 2,063,630; Dec. 8.
- Schilling, George, Cleveland, Ohio. Auxiliary grinder for mills. 2,062,730; Dec. 1.
- Schilling, George W., Philadelphia, Pa. Puzzle game. 2,052,848; Sept. 1.
- Schilling, Heinrich, Ludwigshafen-on-the-Rhine, and R. Stadler, Ziegelhausen-on-the-Neckar, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Separation of unsaturated hydrocarbons from gas mixtures containing the same. 2,029,120; Jan. 28.
- Schilling, Ludwig, Poughkeepsie, N. Y. Electric iron. 2,029,897; Feb. 4.
- Schilthuis, Jan J. (See Moritz, A. J. L., and Schilthuis.)
- Schiltz, Bernard P., Cleveland, Ohio, assignor, by mesne assignments, to The Bullard Company, Bridgeport, Conn. Machining metallic workpieces. 2,044,497; June 16.
- Schiltz, Bernard P., assignor to The Foote Burt Company, Cleveland, Ohio. Apparatus for machining metal parts. 2,063,955; Dec. 15.
- Schiltz, Pascal. (See Guest, William W., assignor.)
- Schimmelschmidt, Kurt. (See Zahn, K., Schimmelschmidt, and Koch.)
- Schinck, John A., Meadow Grove, Nebr. Material loading mechanism. 2,063,403; Dec. 8.
- Schindhelm, Hans, and C. T. Schultis, Frankfurt-on-the-Main, Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuffs. 2,029,591; Feb. 4.
- Schindhelm, Hans, Frankfurt-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Substantive azodyestuffs and making same. 2,044,891; June 23.
- Schindhelm, Hans, R. Gast, and R. Fleischhauer, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuffs and making same. 2,056,539; Oct. 6.
- Schindler, Carl, Wauwatosa, assignor to The Oilgear Company, Milwaukee, Wis. Piston assembly. 2,063,464; Dec. 8.
- Schinke, Albert. (See Smith, E. R., and Schinkez.)
- Schinzel, Charles, Troppau, Czechoslovakia. Manufacture of sound records. 2,039,742; May 5.
- Schippel, Henry F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Resilient wheel and making the same. 2,028,015; Jan. 14.
- Schireson, Nathan W. (See Lesti, Arnold, assignor.)
- Schirm, Erik, Dessau/Anhalt, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Amides of higher aliphatic carboxylic acids and their production. 2,054,638; Sept. 15.
- Schirmacher, Karl, deceased, by W. Schirmacher and E. Weidgen, geb. Schirmacher, heirs, Frankfurt-on-the-Main-Hochst, W. Schaich, Bad Soden-on-the-Taunus, A. Wolfram, Frankfurt-on-the-Main-Rhodelheim, and H. Tampke, K. Billig, and W. Schirmacher, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Preparing dyestuffs of the N.N-dihydro-1,2,2'-anthraquinone azine series and new intermediate products obtainable thereby. 2,044,404; June 16.
- Schirmacher, Werner, heirs et al. (See Schirmacher, K., Schaich, Wolfram, Tampke, Billig, and Schirmacher.)
- Schirmer, Rens B., New York, N. Y. Metallic treatment of vitreous materials. 2,035,015; Mar. 24.
- Schiveley, Raymond F., Houston, Tex. Magazine loader. 2,029,444; Feb. 4.
- Schiveley, Raymond F., Houston, Tex. Hammer. 2,048,034; July 21.
- Schjolin, Eric O., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Rubber suspension system. 2,043,011; June 2.
- Schjolin, Eric O., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Laminated rubber mounting. 2,063,758; Dec. 8.
- Schjorth, Bjørn, Lyon, France. Securing a homogeneous mixture of hard materials and matrix metals. 2,042,684; June 2.
- Schlachman, Ben, assignor of one-half to I. B. Jacobson, Baltimore, Md. Electric changeable exhibitor sign. 2,049,929; Aug. 4.
- Schlacht, Herman, Woodhaven, N. Y. Automatically opening tubular watchcase. 2,044,228; June 16.
- Schlachter, Henry, Beatrice, Nebr. Windmill. 2,029,674; Feb. 4.
- Schlacks, Henry J., Chicago, Ill. Picture projection screen and supporting frame. 2,059,402; Nov. 3.
- Schladebach, Hermann, Dessau in Anhalt, and H. Hähle, Dessau-Ziebigk in Anhalt, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Metalliferous hydroxyazo dyes and their production. 2,060,381; Nov. 10.
- Schladezky, George R., Omaha, Nebr. Assembler guide for typesetting machines. 2,058,357; Oct. 20.
- Schladt, George J., Dover, N. J. Pyrotechnic composition. 2,035,509; Mar. 31.
- Schlaegel, Alfred M. (See Marsh, E. A., and Schlaegel.)
- Schlaefhorst, W., & Co. (See Reiners, W., and Kablisch, assignors.)
- Schlafman, Clifford J., Merchantville, assignor to Warren Webster & Company, Camden, N. J. Radiator structure. 2,064,386; Dec. 15.
- Schlage Lock Co. (See Schlage, Walter R., assignor.)
- Schlage, Walter R., assignor to Schlage Lock Company, San Francisco, Calif. Lock structure. 2,038,907; Apr. 28.
- Schlage, Walter R., assignor to Schlage Lock Co., San Francisco, Calif. Doorlock. 2,041,021; May 26.
- Schlage, Walter R., assignor to Schlage Lock Company, San Francisco, Calif. Strike plate. 2,042,024; May 26.
- Schlage, Walter R., assignor to Schlage Lock Company, San Francisco, Calif. Lock. 2,042,025; May 26.
- Schlage, Walter R., assignor to Schlage Lock Co., San Francisco, Calif. Doorknob and spindle fastener. 2,062,765; Dec. 1.
- Schlage, Walter R., assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,062,766; Dec. 1.
- Schlage, Walter R., assignor to Schlage Lock Company, San Francisco, Calif. Lock. 2,063,615; Dec. 29.
- Schlamp, Philip M., Miami, Fla. Window shade. 2,029,675; Feb. 4.
- Schlapak, Henry A. (See Schlapak, Rudolph, and H. A.)
- Schlapak, Rudolph and H. A., Riverton, Conn. Sluice rack cleaner. 2,033,653; Mar. 10.
- Schlattau, Frank F., Los Angeles, Calif. Safety razor. 2,030,766; Feb. 11.
- Schlayer, Clotilde. (See Schlayer, Felix, assignor.)
- Schlayer, Felix, Madrid, Spain, assignor to Clotilde Schlayer, Berlin-Dahlem, Germany. Axial threshing and straw-reducing machine. 2,050,631; Aug. 11.
- Schlecht, Leo, and A. Heinzl, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Pulverulent alloy. 2,041,493; May 19.
- Schlegel, Alfred A. (See Grant, R. S., and Schlegel.)
- Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Window channel. 2,042,362; May 26.
- Schlegel, Manufacturing Company, The. (See Rydquist, Adolph, assignor.)
- Schlegel Manufacturing Company, The. (See Schlegel, Charles P., assignor.)
- Schleicher, Frank J., University City, Mo. Box or carton. 2,034,358; Mar. 17.
- Schleicher, George B. (See Wagner, W. C., and Schleicher.)
- Schleicher, Manfred, Berlin-Charlottenburg, and L. Brandenburger, Berlin-Halensee, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Remote control device. 2,028,626; Jan. 21.
- Schleier, Louis, New York, N. Y. Metallic ice cream container jacket for refrigerators. 2,052,726; Sept. 1.
- Schleifer, Carlo, assignor to Societa Anonima "Officina Meccanica St. Andrea-Novara," Novara, Italy. Automatic lubricating device for the ring and the traveler in ring spinning or doubling frames or the like. 2,043,520; June 9.
- Schleimer, Floyd V., assignor to United States Appliance Corporation, San Francisco, Calif. Power operated machine for manicuring and like operations. 2,033,552; Mar. 10.
- Schleimer, Floyd V., assignor to United States Appliance Corporation, San Francisco, Calif. Electrical hair waving heater. 2,045,056; June 23.
- Schleimer, Floyd V., assignor to United States Appliance Corporation, San Francisco, Calif. Steaming apparatus for permanent hair waving. 2,062,613; Dec. 1.
- Schlemmer, Phil G., Nanuet, N. Y., assignor, by mesne assignments, to R. B. Henderson. Bag closing machine. 2,045,254; June 23.
- Schlenker, Vesper A., Orange, N. J., assignor of one-half to E. H. Cumpston, Brighton, N. Y. Acoustic construction. 2,030,157; Feb. 11.
- Schlenz, Harry E. (See Beddoes, H., and Schlenz, assignors.)
- Schles, Daniel R., Oak Park, assignor to Aermotor Company, Chicago, Ill. Wind wheel for windmills. 2,050,129; Aug. 4.
- Schlesinger, Edgar E., assignor to Union Metal Products Company, Chicago, Ill. Cushioning and centering device for railway car couplers. 2,037,092; Apr. 14.
- Schlesinger, Harry, assignor of one-half to A. F. Yoerg, Des Moines, Iowa. Hat block chuck. 2,037,342; Apr. 14.
- Schlesinger, Kurt, Berlin, Germany. Braun tube. 2,029,639; Feb. 4.
- Schlesinger, Kurt, Berlin, Germany. Audion arrangement for short wave television purposes. 2,029,640; Feb. 4.
- Schlesinger, Kurt, Berlin, Germany. Braun tube. 2,038,061; Apr. 21.
- Schlesinger, Kurt, Berlin, Germany. Tilting oscillation generator. 2,039,118; Apr. 28.
- Schlesinger, Kurt, Berlin, Germany. Tilting apparatus. 2,039,119; Apr. 28.
- Schlesinger, Kurt, Berlin, Germany. Ultra-short wave auxiliary apparatus for radio receivers. 2,044,229; June 16.
- Schlesinger, Kurt, Berlin, Germany. Tilting apparatus. 2,053,536; Sept. 8.
- Schlesinger, Kurt, Berlin, Germany. Cathode ray tube. 2,053,537; Sept. 8.



- Schlesinger, Kurt, Berlin, Germany. Relaxation oscillation generator. 2,054,882; Sept. 22.
- Schlesinger, Kurt, Berlin, Germany. Potential-steadying device making use of glow lamps. 2,054,883; Sept. 22.
- Schlesinger, Kurt, Berlin, Germany. Photo-amplifier tube. 2,054,884; Sept. 22.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Braun tube especially for television purposes. 2,049,781; Aug. 4.
- Schlesinger, Kurt, Berlin, Germany. Photoamplifier arrangement. 2,063,195; Dec. 8.
- Schlesinger, Kurt, Berlin, Germany. Transmission and modulating arrangement. 2,063,196; Dec. 8.
- Schlesinger, Max A. (See Moore, David P., assignor.)
- Schlesische Spiegelglas-Manufactur Carl Tielsch, G. m. b. H. (See Lamesch, Armand, assignor.)
- Schletter, Richard, North Wales, Pa. Thread tensioning attachment for textile machines. 2,031,430; Feb. 18.
- Schley, Jack A., et al. (See Cumpston, K. B., and Hopper.)
- Schlichenmaier, Hans. (See Kränzlein, G., Schlichenmaier and Schönrig.)
- Schlicher, Arthur G., Allentown, Pa. Folding flexible roof or curtain. 2,029,676; Feb. 4.
- Schlicht, Carl, Coon Valley, Wis. Seaming tool. 2,053,378; Sept. 8.
- Schlicht, Carl R., Coon Valley, Wis. Tool for seaming sheet metal. 2,036,725; Apr. 7.
- Schlicht, Heinrich, Hückeswagen, Germany, assignor to the firm W. Ferd. Klingelberg Söhne, Remscheid-Berghausen, Germany. Method of and machine for producing hob cutters. 2,027,621; Jan. 14.
- Schlichting, Otto. (See Kunz, M. A., Koeberle, and Schlichting.)
- Schlichting, Otto, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Producing hydroxy compounds of the anthrapyrimidine series. 2,032,772; Mar. 3.
- Schlirf, Robert P., St. Paul, Minn. Vehicle construction. 2,039,983; May 5.
- Schlitt, Joseph L. (See Wilkinson, W., and Schlitt.)
- Schlitt, Joseph L., Darien, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Separation and recovery of krypton and xenon from gaseous mixtures containing them. 2,040,107; May 12.
- Schlitt, Joseph L., Darien, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Recovery of krypton and xeron. 2,040,108; May 12.
- Schlitt, Joseph L., Darien, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Recovery of krypton and xeron. 2,051,576; Aug. 18.
- Schlitters, Michael J., Detroit, Mich. Tool holder. 2,034,118; Mar. 17.
- Schlitz, Thomas R., Brooklyn, N. Y. Cigar holder and tobacco leaf spreader. 2,048,626; July 21.
- Schlitzer, Leo J., et al. (See Popovich, Nicholas, assignor.)
- Schloemann Aktiengesellschaft. (See Albers, Heinrich, assignors.)
- Schloemann Aktiengesellschaft. (See Frielinghaus, Louis, assignor.)
- Schloemann Aktiengesellschaft. (See Gassen, Josef, assignor.)
- Schloemann Aktiengesellschaft. (See Lorant, Hugo, assignor.)
- Schloemann Aktiengesellschaft. (See Nehlsen, Hermann, assignor.)
- Schloemann Aktiengesellschaft. (See Pirwitz, Wilhelm, assignor.)
- Schloss, William L., Cleveland Heights, Ohio. Pavement compositions and making the same. 2,051,577; Aug. 18.
- Schloss, William L., and E. G. Bell, Cleveland, Ohio. Revetment mat. 2,051,578; Aug. 18.
- Schlossberg, John B., Terre Haute, Ind., and L. E. Frazier, deceased, late of Stratford, Conn., by Gayle G. Frazier, administratrix, Stratford, Conn., assignors to Highland Iron & Steel Company. Producing wrought iron. 2,035,197; Mar. 24.
- Schlösser, Harold L., assignor to Lectrolite Corporation, Defiance, Ohio. Service station steamer. 2,060,638; Nov. 10.
- Schlösser, Theon J., Ilmo, Mo. Speed governor. 2,039,495; May 5.
- Schlottmann, Willie G., Comfort, Tex. Egg tray supporting and tilting device. 2,059,751; Nov. 3.
- Schlotzhauer, Walter. (See Klein, Frederick L., assignor.)
- Schluchter, Alfred W. (See Boegehold, A. L., Schluchter, and Terry.)
- Schlumberger, Conrad, Paris, France, assignor, by mesne assignments, to Schlumberger Well Surveying Corporation, Houston, Tex. Thermometric method of locating the top of the cement behind a well casing. 2,050,128; Aug. 4.
- Schlumberger, Marcel, Paris, France. Core taking device. 2,055,506; Sept. 29.
- Schlumberger, Marcel, assignor to Compagnie Generale de Geophysique, Paris, France. Electrically prospecting the under-soil. 2,034,447; Mar. 17.
- Schlumberger Well Surveying Corporation. (See Schlumberger, Conrad, assignor.)
- Schlumbohm, Peter, Berlin, Germany. Cooling system. 2,053,683; Sept. 8.
- Schlumbohm, Peter, Berlin, Germany. Method of cooling. 2,053,684; Sept. 8.
- Schlumbohm, Peter, Berlin, Germany. Bottle cooling apparatus. 2,053,844; Sept. 8.
- Schlumpf, Robert W., assignor to Hughes Tool Company, Houston, Tex. Making a hard faced cutter. 2,057,209; Oct. 13.
- Schlums, Otto W., Winthrop, Mass. Electric plug. 2,051,425; Aug. 18.
- Schlunegger, Arnold J., San Bernardino, Calif. Ore mill. 2,030,323; Feb. 11.
- Schmalz, William F. (See Conner, B. F., and Schmalz, assignors.)
- Schmalz, William F., Rockville, Conn., assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Applicator. 2,043,678; June 9.
- Schmalz, William F., Rockville, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure means. 2,053,498; Sept. 8.
- Schmansky, Barney P., Pontiac, Mich. Heater-equipped windshield wiper. 2,055,946; Sept. 29.
- Schmeiser, Theodore G., Fresno, Calif. Grouser for tractors. 2,039,496; May 5.
- Schmeiser, Theodore G., Fresno, Calif. Street plate for track type tractors. 2,044,918; June 23.
- Schmeiser, Theodore G., Fresno, Calif. Automobile dressing tent. 2,066,078; Dec. 29.
- Schmeller, John, Sr., Lakewood, Ohio. Furnace construction. 2,035,282; Mar. 24.
- Schmeller, John, Sr., Lakewood, Ohio. Agitating apparatus. 2,056,077; Sept. 29.
- Schmelzer, Albert, Cologne-Mulheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Chrysenemonosulphonic acid. 2,032,505; Mar. 3.
- Schmelzer, Albert, Cologne-Mulheim, and C. Schuster, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Benzo-phenanthrenarylides. 2,062,614; Dec. 1.
- Schmelzer, Anton C., Cleveland, Ohio. Clothes rinsing and drying apparatus. 2,052,666; Sept. 1.
- Schmelzer, Anton C., Cleveland, Ohio. Centrifugal drier. 2,052,667; Sept. 1.
- Schmelzer, Anton C., Cleveland, Ohio. Centrifugal drier. 2,052,668; Sept. 1.
- Schmelzer, Anton C., Cleveland, Ohio. Centrifugal drier. 2,052,669; Sept. 1.
- Schmerler, Joseph J., New York, N. Y. Paraffined paper receptacle. 2,041,374; May 19.
- Schmerler, Joseph J., New York, N. Y. Paper receptacle and closure therefor. 2,041,375; May 19.
- Schmid, Anton. (See Callsen, A., and Schmid.)
- Schmid, Erwin. (See Stahlecker, W., and Schmid.)
- Schmid, John V., Philadelphia, Pa. Blow-off valve. 2,029,837; Feb. 4.
- Schmid, Karl, Vaduz, Liechtenstein. Continuous mutual reaction of two liquids of different specific gravities on the counter-current principle. 2,048,820; July 28.
- Schmid, Max, Riehen, near Basel, assignor to Society of Chemical Industry in Basle, Switzerland. Making photographic emulsions. 2,029,946; Feb. 4.
- Schmid, Max, Riehen, near Basel, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Monoazo dyestuffs. 2,043,869; June 9.
- Schmid, Max., Nuremburg, Germany. Mechanical toy. 2,051,749; Aug. 18.
- Schmid, Walter. (See Bystricky, J., and Schmid.)
- Schmidt, Adam, Vienna, Austria. Autogenous welding and cutting machine. 2,035,765; Mar. 31.
- Schmidt, Arno. (See David, E., and Schmidt.)
- Schmidt, Arthur, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tuning condenser arrangement. 2,036,833; Apr. 7.
- Schmidt, Bernhard. (See Fehn, J., and Schmidt.)
- Schmidt, Carl W., Buffalo, N. Y. Flowerpot making machine. 2,029,084; Jan. 28.
- Schmidt, Carlton L., Wellsville, assignor to Sinclair Refining Company, New York, N. Y. Heating device. 2,051,397; Aug. 18.
- Schmidt, Charles, Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Dispensing container. 2,046,929; July 7.
- Schmidt, Charles L., St. Louis, Mo., assignor to Titanium Pigment Company, Inc., New York, N. Y. Manufacture of titanium pigments. 2,034,923; Mar. 24.
- Schmidt, David, assignor to The Dobeckmun Company, Cleveland, Ohio. Bag forming machine. 2,027,654; Jan. 14.
- Schmidt, Eckard F., Milwaukee, Wis., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stitch-down shoe and method of manufacture. 2,062,530; Dec. 1.
- Schmidt, Edwin X., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Method of and apparatus for remote pressure control in fluid distribution systems. 2,050,020; Aug. 4.
- Schmidt, Ernest H., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Draft gear. 2,032,441; Mar. 3.
- Schmidt, Ernst, Unter-Polaun, Czechoslovakia. Multiple cylinder web drier. 2,054,391; Sept. 15.
- Schmidt, Erwin J., assignor to Allied Engineering Company, Chicago, Ill. Roller skate. 2,038,005; Apr. 21.
- Schmidt, Erwin J., assignor to Allied Engineering Company, Chicago, Ill. Antifriction bearing. 2,044,405; June 16.
- Schmidt, Eugene. (See Burnett, N. O., and Schmidt.)



- Schmidt, Ferdinand, Duisburg-Laar, Germany. Permanent holder for catheters. 2,046,094; June 30.
- Schmidt, Frank W., assignor to Ryerson & Haynes, Inc., Jackson, Mich. Supporting bar and rack. 2,041,376; May 19.
- Schmidt, Frank W., and F. E. Beach, assignors to Ryerson & Haynes, Inc., Jackson, Miss. Tire cover. 2,061,986; Nov. 24.
- Schmidt, Frederic E., Crestwood, N. Y., assignor to American Telephone and Telegraph Company. Lock. 2,028,525; Jan. 21.
- Schmidt, George, Los Angeles, Calif. Jewel mounting. 2,058,358; Oct. 20.
- Schmidt, George R., St. Louis, Mo. Making metallic pads. 2,061,046; Nov. 17.
- Schmidt, Hans, Wuppertal-Vohwinkel, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Aryl-arseno-arsenides and making the same. 2,052,760; Sept. 1.
- Schmidt, Hartman F., Unionville, Conn. Cloth washer. 2,062,943; Dec. 1.
- Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Blower. 2,030,474; Feb. 11.
- Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lubricating system. 2,030,611; Feb. 11.
- Schmidt, Henry F., Lansdowne, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Blower. 2,050,385; Aug. 11.
- Schmidt, Herbert E. O., and C. J. Haeberle, Buffalo, N. Y. Hacksaw. 2,048,627; July 21.
- Schmidt, Hermann. (See Rusch, R., and Schmidt.)
- Schmidt, John, Buffalo, N. Y., assignor to Food Machinery Corporation, San Jose, Calif. Green corn cutter. 2,035,993; Mar. 24.
- Schmidt, John, Buffalo, N. Y., assignor to Food Machinery Corporation, San Jose, Calif. Food treating apparatus. 2,065,752; Dec. 29.
- Schmidt, John, Buffalo, N. Y., and E. C. Eberts, Jeffersonville, Ind.; said Schmidt assignor to Food Machinery Corporation. Fruit and vegetable grading machine. 2,040,569; May 12.
- Schmidt, John E., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Can conveyer. 2,037,931; Apr. 21.
- Schmidt, Karl. (See Wahl, O., Teupel, and Schmidt.)
- Schmidt, Karl F., Ludwigshafen-on-the-Rhine, Germany, assignor to E. Bilhuber, Inc., Jersey City, N. J. Producing tetrazoles of the camphor group and products therefrom. 2,029,799; Feb. 4.
- Schmidt, Louis D., assignor of one-third to Spiro Gotses and one-third to S. Scarlats, Fairmont, W. Va. Washing machine. 2,066,232; Dec. 29.
- Schmidt, Louis J., Fond du Lac, Wis. Keeper protective plate. 2,041,625; May 19.
- Schmidt, Maximilian P., Wiesbaden-Beibrich, and R. Zahn, Wiesbaden, assignors to Kalle & Co., Aktiengesellschaft, Wiesbaden-Beibrich, Germany. Diazo compounds and preparing them. 2,063,631; Dec. 8.
- Schmidt, Maximilian P., and R. Franke, assignors to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Light sensitive materials containing light sensitive diazo compounds. 2,037,542; Apr. 14.
- Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Actuating means for closures, such as doors, lids, and the like. 2,030,324; Feb. 11.
- Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Hinge. 2,038,087; Apr. 21.
- Schmidt, Otto, assignor to Wurlitzer Grand Piano Company, De Kalb, Ill. Accordion. 2,036,545; Apr. 7.
- Schmidt, Otto, assignor to Wurlitzer Grand Piano Company, De Kalb, Ill. Accordion shift mechanism. 2,040,570; May 12.
- Schmidt, Otto, assignor to Wurlitzer Grand Piano Company, De Kalb, Ill. Accordion shift mechanism. 2,051,620; Aug. 18.
- Schmidt, Otto, assignor to Wurlitzer Grand Piano Company, De Kalb, Ill. Reed block for accordions. 2,051,621; Aug. 18.
- Schmidt, Otto, assignor to Wurlitzer Grand Piano Company, De Kalb, Ill. Electric accordion. 2,056,212; Oct. 6.
- Schmidt, Otto, K. Huttner, and G. Kaeb, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of aldehydes. 2,053,845; Sept. 8.
- Schmidt, Otto W. (See Carswell, F. L., and Schmidt.)
- Schmidt, Paul. (See Richter, E., and Schmidt.)
- Schmidt, Paul, assignor to Textile Machine Works, Wyomissing, Pa. Fabric take-off mechanism for knitting machines. 2,030,944; Feb. 18.
- Schmidt, Paul, assignor to Textile Machine Works, Wyomissing, Pa. Yarn carrier control mechanism for straight knitting machines. 2,043,214; June 2.
- Schmidt, Raymond. (See Forster, John S., assignor.)
- Schmidt, Remmer O., Palacios, Tex. Washing glove or mitten. 2,049,323; July 28.
- Schmidt, Richard. (See Eggert, J., and Schmidt.)
- Schmidt, Richard, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Marking sound and moving picture film for the purpose of synchronization. 2,044,333; June 16.
- Schmidt, Samuel S., Spring Garden Township, York County, assignor to Grey Iron Casting Company, Mount Joy, Pa. Toy and the like. 2,047,748; July 14.
- Schmidt, Victor P., Altoona, Pa. Axle burnishing machine. 2,053,009; Sept. 1.
- Schmidt, Walter. (See Nicodemus, O., and Schmidt.)
- Schmidt, Walter and H. Altwicker, Bitterfeld, Germany, assignors, by mesne assignments, to Magnesium Development Corporation. Forging magnesium and high percentage magnesium alloys. 2,064,323; Dec. 15.
- Schmidt, Walter A., and W. Nadeau, assignors to Holbrook Service Company, Los Angeles, Calif. Refrigerant condensing apparatus. 2,064,271; Dec. 15.
- Schmidt, Walther, and A. Beck, Bitterfeld, Germany, assignors, by mesne assignments, to Magnesium Development Corporation. Purifying magnesium. 2,029,898; Feb. 4.
- Schmidt, Walther, P. Spitaler, and W. Schultze, Bitterfeld, Germany, assignors, by mesne assignments, to Magnesium Development Corporation. Improving magnesium alloys, especially in shaped forms. 2,030,767; Feb. 11.
- Schmidt, William D., assignor to The Heald Machine Company, Worcester, Mass. Boring machine. 2,058,359; Oct. 20.
- Schmidt, William D., assignor to The Heald Machine Company, Worcester, Mass. Boring machine. 2,058,360; Oct. 20.
- Schmidtke, Albert H., assignor to St. Joseph Iron Works, St. Joseph, Mich. Basket handle. 2,044,547; June 16.
- Schmidtke, Albert H., assignor to St. Joseph Iron Works, St. Joseph, Mich. Basket cover and the like. 2,054,045; Sept. 8.
- Schmidtke, Albert H., assignor to St. Joseph Iron Works, St. Joseph, Mich. Container. 2,057,449; Oct. 13.
- Schmidtke, Albert H., St. Joseph, Mich., assignor, by mesne assignments, to Seymour & Peck Company, Chicago, Ill. Machine for forming cylindrical containers. 2,058,182; Oct. 20.
- Schmidtke, Albert H., assignor to St. Joseph Iron Works, St. Joseph, Mich. Basket cover and similar structure. 2,063,759; Dec. 8.
- Schmidt'sche Heissdampf-Gesellschaft m. b. H. (See Hartmann, Otto, assignor.)
- Schmiedeknecht, Victor E., Louisville, Ky., assignor to Standard Sanitary Manufacturing Company. Shelf-back sink. 2,027,707; Jan. 14.
- Schmiedeknecht, Victor E., Louisville, Ky. Float valve. 2,044,816; June 23.
- Schmiedeknecht, Victor E., Louisville, Ky. Nonsiphoning float valve. 2,046,792; July 7.
- Schmiedeknecht, Victor E., Louisville, Ky., assignor to Standard Sanitary Manufacturing Company. Tub supporting and leveling device. 2,051,398; Aug. 18.
- Schmiedel, Johannes, assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden-A, Germany. Apparatus and method of making and applying bands. 2,065,029; Dec. 22.
- Schmiedel, William F., assignor to Deltex Rug Company, Oshkosh, Wis. Tufting attachment for sewing machines. 2,027,454; Jan. 14.
- Schmiedel, William F., assignor to Deltex Rug Company, Oshkosh, Wis. Tufting attachments for sewing machines. 2,053,921; Sept. 8.
- Schmiedglitz, Willy, Berlin, assignor to Heinrich Kellner G. m. b. H., Dresden, Germany. Ironing apparatus. 2,047,837; July 14.
- Schmierer, Johannes M., Berlin-Lichterfelde, Germany. Electronic tube system. 2,040,341; May 12.
- Schmitt, Charles G., Phillipsburg, N. J., assignor, by mesne assignments, to Plastic Research and Engineering Corporation. Machine for molding candles. 2,057,540; Oct. 13.
- Schmitt, Henry, assignor of one-third to W. J. Reese, and one-third to J. Perrien, Detroit, Mich. Forming and controlling combustion engine charges. 2,036,834; Apr. 7.
- Schmitt, Karl O. (See Kircher, C., and Schmitt.)
- Schmitt, Richard H., Schenectady, N. Y., assignor to General Electric Company. Contactor. 2,064,631; Dec. 15.
- Schmitt, Richard H., Schenectady, N. Y., assignor to General Electric Company. Electromagnetic switch. 2,064,632; Dec. 15.
- Schmitt, Ruth M., New York, and C. M. Bell, New Rochelle, N. Y. Facial mask and making the same. 2,029,947; Feb. 4.
- Schmitt, Stanley W., Hohokus, and A. J. Mory, Ridgewood, N. J.; said Mory assignor to said Schmitt. Folding crib. 2,043,072; June 2.
- Schmitter, Walter P., and P. C. Day, assignors to The Falk Corporation, Milwaukee, Wis. Coupling. 2,027,842; Jan. 14.
- Schmitter, Walter P., and L. A. Graham, Milwaukee, Wis. Multispeed geared motor. 2,065,753; Dec. 29.
- Schmitz, Albert J., Milwaukee, Wis. Building block. 2,028,997; Jan. 28.
- Schmitt, Frank, Roselle, N. J. Key holder. 2,064,691; Dec. 15.
- Schmitz, Helmuth W. (See Murphy, J. E., Schmitz, and Peabody.)
- Schmitz, Hilger P. (See Kaufler, F., and Schmitz.)
- Schmitz, Pamphilus, Santa Barbara, Calif. Bed structure for ill or injured persons. 2,036,646; Apr. 7.



- Schmitz, Paul H., and J. W. Bentley, Philadelphia, Pa. Closure for metallic containers and the like. 2,035,198; Mar. 24.
- Schmocker, Fred C., assignor of one-half to L. J. Miller, Oklahoma City, Okla. Coin wrapper. 2,042,022; May 26.
- Schmohl, Alfred C., Beaver Falls, assignor to Koppel Industrial Car and Equipment Company, Koppel, Pa. Car construction. 2,034,537; Mar. 17.
- Schmoller, John, St. Paul, Minn. Collapsible carriage. 2,052,803; Sept. 1.
- Schmürle, Adolf. (See Elbert, Otto, assignor.)
- Schnabel, Ernst, Berlin-Lichterfeld, Germany. Flexible conductor or flexible parts of conductors. 2,053,112; Sept. 1.
- Schnack, Mabel B., assignor of one-third to G. J. Ten Raa, Grandville, Mich. Coring device. 2,034,490; Mar. 17.
- Schnackel's, C., Son, Inc. (See McLean, William A., assignor.)
- Schnaittacher, Herman, assignor to Venus Corporation, New York, N. Y. Brassière. 2,047,522; July 14.
- Schnaitter, Edgar J., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Vibration indicator. 2,063,127; Dec. 8.
- Schnaubelt, Frank H., LaGrange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric storage battery. 2,064,324; Dec. 15.
- Schnecko, Otto. (See Voss, J., and Schnecko.)
- Schneider, Albert E., Carter Lake, Iowa, assignor to Baker Ice Machine Co. Inc., Omaha, Nebr. Apparatus for freezing ice cream and similar mixes. 2,027,203; Jan. 7.
- Schneider, Albert E., Carter Lake, Iowa, assignor to Baker Ice Machine Co. Inc., Omaha, Nebr. Evaporator for refrigeration systems. 2,043,496; June 9.
- Schneider, Cate J., Toledo, Ohio. Slicing utensil. 2,051,426; Aug. 18.
- Schneider & Cie, et al. (See Daum, Léon, assignor.)
- Schneider & Cie. (See Methlin, Nicolas E., assignor.)
- Schneider, Edmund A., St. Louis, Mo. Shoe-sole polisher. 2,053,167; Sept. 1.
- Schneider, Emil, Philadelphia, Pa. Regulable moisture emitting and evaporating device. 2,064,225; Dec. 15.
- Schneider, Ernst. (See Sasse, W., and Schneider.)
- Schneider, Ernst, and K. Blum, Uerdingen-on-the-Rhine, assigns to Büttner-Werke Aktiengesellschaft, Uerdingen, Germany. Sifting device. 2,059,814; Nov. 3.
- Schneider, Frank H., Spring City, assignor to The Floyd Wells Company, Royersford, Pa. Gas burner. 2,040,446; May 12.
- Schneider, Frank H., Louisville, Ky. Lavatory drain valve. 2,063,632; Dec. 8.
- Schneider, Franz Karl. (See Ehnts, Fred H., assignor.)
- Schneider, George. (See Dreyfus, C., and Schneider.)
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Textile process. 2,041,728; May 26.
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Treating textile material and product thereof. 2,041,868; May 26.
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Wearing apparel and making the same. 2,047,230; July 14.
- Schneider, George, Saginaw, Mich., assignor to Wilcox-Rich Corporation. Making valve tappets. 2,055,342; Sept. 22.
- Schneider, Heinrich, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Fluid displacement device. 2,028,414; Jan. 21.
- Schneider, Heinrich, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Engine accessory drive. 2,035,096; Mar. 24.
- Schneider, Heinrich, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Engine piston. 2,059,713; Nov. 3.
- Schneider, Heinrich, Beloit, Wis., and P. C. Brooks, assignors to Fairbanks, Morse & Company, Chicago, Ill. Engine of opposed piston type. 2,054,232; Sept. 15.
- Schneider, Helmuth G., Elizabeth, N. J., assignor to Standard Oil Development Company. Removal of gum forming constituents, sulphur compounds, and color compounds from naphtha. 2,062,377; Dec. 1.
- Schneider, Helmuth G., Elizabeth, N. J., assignor to Standard Oil Development Company. Production of oxygenated organic compounds from unsaturated hydrocarbons. 2,065,540; Dec. 29.
- Schneider, Helmuth G., and J. V. Sommer, Elizabeth, N. J., assignors to Standard Oil Development Company. Production of oxygenated organic compounds from olefins. 2,052,195; Aug. 25.
- Schneider, Henry E., assignor to Hays Manufacturing Company, Erie, Pa. Multiple spray shower head. 2,049,141; July 28.
- Schneider, Henry E., assignor to Hays Manufacturing Company, Erie, Pa. Diverter nozzle. 2,055,562; Sept. 29.
- Schneider, Henry J., Quincy, Mass. Steam generator. 2,028,925; Jan. 28.
- Schneider, Henry J., Quincy, Mass. Steam generator. 2,029,838; Feb. 4.
- Schneider, Hermann, Altona-on-the-Elbe, Germany. Multicompartment container. 2,032,153; Feb. 25.
- Schneider, John. (See Freeman, B. W., and Schneider.)
- Schneider, Josef, Oberursel, assignor to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Grinding tool. 2,049,324; July 28.
- Schneider, Joseph, Astoria, assignor to P. W. Buchhart, New York, N. Y. Ashtray screen cover. 2,051,227; Aug. 18.
- Schneider, Joseph, Inc. (See Cookson, Clarence F., assignor.)
- Schneider, Julius L., Chicago, Ill., assignor to Continental Can Company, New York, N. Y. Packaging nut meats. 2,044,639; June 16.
- Schneider, Louis J., Chicago, Ill. Sign display frame. 2,027,790; Jan. 14.
- Schneider, Louis J., Chicago, Ill. Sign display stand. 2,064,127; Dec. 15.
- Schneider, Merritt F., et al. (See Long, John D., assignor.)
- Schneider, Paul, Pittsburgh, Pa. Automobile tent. 2,034,251; Mar. 17.
- Schneider, R. C. (See Stuck, Charles C., assignor.)
- Schneider, Ray F., and L. R. Kuhlengel, assignors to Williams Patent Crusher and Pulverizer Company, St. Louis, Mo. Vibratory screen. 2,058,833; Oct. 27.
- Schneider, Robert, Paris, and A. Poelman, Charenton, France, assignors to Materials Protector Corporation, Newark, N. J. Protecting leathers, skins, fabrics and the like during their manipulation or making up into manufactured goods. 2,031,673; Feb. 25.
- Schneider, Robert, Paris, and A. Poelman, Charenton, France, assignors to Materials Protector Corporation, Newark, N. J. Protecting shoes during their manufacture. 2,031,674; Feb. 25.
- Schneider, Rudolph, assignor to Busch-Sulzer Bros. Diesel Engine Company, St. Louis, Mo. V-type 2-cycle engine. 2,057,062; Oct. 13.
- Schneider, Wilhelm. (See Zeh, W., and Schneider.)
- Schneider, Wilhelm, Dessau-in-Anhalt, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Sensitizing photographic silver-halide emulsions. 2,032,506; Mar. 3.
- Schneider, Wilhelm, Dessau, in Anhalt, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Filter layer. 2,036,546; Apr. 7.
- Schneider, Wilhelm, Dessau-in-Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of substituted acid amides. 2,048,821; July 28.
- Schneider, Wilhelm, Dessau in Anhalt, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Manufacture of anti-halation or filter layers. 2,050,588; Aug. 11.
- Schneider, Wilhelm, Dessau in Anhalt, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Backing of photographic materials to prevent halation. 2,053,725; Oct. 27.
- Schneider, Wilhelm, Dessau-in-Anhalt, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Thrimethine-cyanine dyes. 2,060,382; Nov. 10.
- Schneider, Wilhelm, Dessau in Anhalt, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Sensitized silver halide emulsions. 2,060,383; Nov. 10.
- Schneider, Wilhelm, Dessau, and G. Wilmanns, Wolfen Kreis, Bitterfeld, Germany, assignors to Agfa Anasco Corporation, Binghamton, N. Y. Photographic developer. 2,060,594; Nov. 10.
- Schneider, Wilhelm, Dessau, and G. Wilmanns, Wolfen Kreis Bitterfeld, Germany, assignors to Agfa Anasco Corporation, Binghamton, N. Y. Photographic developer. 2,060,595; Nov. 10.
- Schneider, Wilhelm, Dessau, and G. Wilmanns, Wolfen Kreis Bitterfeld, Germany, assignor to Agfa Anasco Corporation, New York, N. Y. Photographic developer. 2,060,596; Nov. 10.
- Schneider, William G., Maumee, Ohio, assignor to The Orion Electric Company. Cooling system for dynamoelectric machines. 2,057,637; Oct. 13.
- Schneider, William H., Pittsburgh, Pa. Chuck. 2,063,344; Dec. 8.
- Schneiderwirth, Herman J., Laurelton, N. Y. 4.6 diamino 2-alkyl pyridines and producing the same. 2,062,680; Dec. 1.
- Schneidewind, Richard, Ann Arbor, Mich., assignor of one-tenth to the Government of the United States of America, represented by the Secretary of the Navy. Chromium plating. 2,063,197; Dec. 8.
- Schnell, Steve, Overland, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake actuating mechanism. 2,030,272; Feb. 11.
- Schnell, Steve, Overland, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake control mechanism. 2,050,466; Aug. 11.
- Schnell, Steve, Overland, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking apparatus. 2,065,292; Dec. 22.
- Schnell, Steve, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking apparatus. 2,034,538; Mar. 17.
- Schnellbacher, Jacob P., Peoria, Ill. Arch support. 2,043,396; June 9.
- Schnellpressenfabrik Aktiengesellschaft Heidelberg. (See Büttner, Arthur, assignor.)
- Schneiz, Frederick C., Royal Oak, Mich. Device for developing cut films and film packs. 2,056,298; Oct. 6.



- Schneringer, Frederick N., South Whittier, assignor to C. C. Taylor, Whittier, Calif. Well cleaner. 2,038,961; Apr. 28.
- Schneider, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of sodium N-methyl-C, C-allyl-isopropyl-barbiturate in a stable, dry state readily soluble in water. 2,056,892; Oct. 6.
- Schnitzeler, Peter, Berlin, Germany. Protective arrangement for glow discharge lamps. 2,055,753; Sept. 29.
- Schnitzspahn, Karl, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Soled mineral acid diazonium salts and preparing them. 2,027,066; Jan. 7.
- Schnitzspahn, Karl, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Preparing a solid tetrazo salt. 2,053,745; Sept. 8.
- Schnur, Jacob, assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Box lining machine. 2,065,828; Dec. 29.
- Schnurer, Octave, assignor to Brixmesh Corporation, Pittsburgh, Pa. Monolithic, metallic-reinforced slab. 2,046,213; June 30.
- Schober, Alfred, Dortmund, and A. Wegmann, Dortmund-Wambel, Germany. Bearing for the trunnions of ladles and the like. 2,039,192; Apr. 28.
- Schober, Carl, South Pasadena, Calif. Cutting machine. 2,039,457; May 5.
- Schoch, Edwin. (See Egli, E., and Schoch.)
- Schoch, Eugene P., Austin, Tex. Extracting potassium salts from aqueous mixtures. 2,036,364; Apr. 7.
- Schoch, Fred C., Oak Park, Ill. Magnetically releasable latch. 2,031,738; Feb. 25.
- Schock, Gusmer & Co. Inc. (See Schock, Robert C., assignor.)
- Schock, John F., assignor to Leeds and Northrup Company, Philadelphia, Pa. Apparatus for balancing measuring instruments. 2,045,677; June 30.
- Schock, Robert C., New Rochelle, N. Y., assignor to Schock, Gusmer & Co. Inc., Hoboken, N. J. Apparatus used in the brewing of beer, and more particularly to a mash tub. 2,032,668; Mar. 3.
- Schodlbauer, Erwin. (See Brecht, G. F., and Schodlbauer.)
- Schodlbauer, Erwin, New York, N. Y. Safety razor. 2,030,658; Feb. 11.
- Schoebel, Henry, Hempstead Gardens, Long Island, N. Y., assignor to Model Brassiere Co., Inc., Brooklyn, N. Y. Undergarment. 2,030,826; Feb. 11.
- Schoeller, Conrad. (See Koerding, P., Schoeller, and Ulrich.)
- Schoeller, Conrad. (See Nuesslein, J., and Schoeller.)
- Schoeller, Conrad, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Stripping dyeings prepared with vat dyestuffs. 2,042,194; May 26.
- Schoeller, Walter. (See Feldt, A., Schoeller, and Allardt.)
- Schoeller, Walter, Berlin-Westend, and H. Goebel, Berlin-Reinickendorf, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Composition of matter. 2,032,890; Mar. 3.
- Schoeller, Walter, and H. Jordan, assignor to the firm Schering-Kahlbaum A. G., Berlin, Germany. Production of phenolic compounds. 2,054,270; Sept. 15.
- Schoenberger, W. J., Company, The. (See Smith, Charles C., assignor.)
- Schoene, Kurt, Hamburg, Germany. Pump for liquids. 2,033,852; Mar. 10.
- Schoene, Kurt, Hamburg, Germany. Pump. 2,049,570; Aug. 4.
- Schoenemann, Karl, Heidelberg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Working-up of carbonaceous materials. 2,060,447; Nov. 10.
- Schoenfeld, Frank H., Cleveland Heights, Ohio. Thermostat valve mechanism. 2,063,465; Dec. 8.
- Schoenfelder, Paul E. (See Rohrer, Lorenz, assignor.)
- Schoenhoff, Anthony M., Minneapolis, Minn. Back rest. 2,059,493; Nov. 3.
- Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Bldg. Company, Cincinnati, Ohio. Magnetic track brake system. 2,040,814; May 12.
- Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Co., Cincinnati, Ohio. Magnetic brake. 2,062,192; Nov. 24.
- Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Co., Cincinnati, Ohio. Articulated car. 2,064,992; Dec. 22.
- Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Co., Cincinnati, Ohio. Articulated car. 2,065,345; Dec. 22.
- Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Co., Cincinnati, Ohio. Safety apparatus for rail vehicles. 2,065,346; Dec. 22.
- Schoew, Karl F., Huntington, W. Va. Recorder. 2,026,914; Jan. 7.
- Schofield, Edwin R., Philadelphia, Pa. Flow meter. 2,033,306; Mar. 10.
- Schofield, John E. (See Coffey, S., and Schofield.)
- Schofield, M. B., et al. (See Harriman, William L., assignor.)
- Schofield, Stanley T. (See Boden, S. H., and Schofield.)
- Schofield, Stanley T., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,056,020; Sept. 29.
- Schofield, Theodore J., assignor to The Sparks-Withington Company, Jackson, Mich. Selector control unit. 2,038,241; Apr. 21.
- Schofield, William B., New York, N. Y. Eye protector. 2,060,127; Nov. 10.
- Schol, Carl H., Allendorf, near Dillenburg, Germany. Apparatus for blowing up liquid slag or melt into a highly porous mass of the character of pumice. 2,044,450; June 16.
- Schofield, Carl W., Guilford, Conn. Pump. 2,044,594; June 16.
- Schofield, Cecil H. (See Schofield, Ethel and C. H.)
- Schofield, Ethel and C. H., Yonkers, assignors to Schofield Service, Inc., New York, N. Y. Filing apparatus. 2,046,655; July 7.
- Schofield Service, Inc. (See Schofield, Ethel and C. H., assignors.)
- Scholl, Albert A., Bronxville, and A. Novick, Flushing, assignors to International Paper Company, New York, N. Y. Bag making machine. 2,041,301; May 19.
- Scholl, Albert A., Bronxville, assignor, by mesne assignments, to The Chase National Bank of the City of New York, N. Y., trustee. Drip protector for bottles. 2,058,915; Oct. 27.
- Scholl, Charles F., London, England, assignor to The Scholl Mfg. Co., Inc., Chicago, Ill. Arch support. 2,038,006; Apr. 21.
- Scholl, Joseph, Portsmouth, Ohio. Rolling of rectangular bars. 2,038,908; Apr. 28.
- Scholl Mfg. Co., The. (See Koppe, William P., assignor.)
- Scholl Mfg. Co., The. (See Perryman, George H., assignor.)
- Scholl Mfg. Co., The. (See Scholl, Charles F., assignor.)
- Scholl Mfg. Co., The. (See Scholl, William M., assignor.)
- Scholl, Roland, Dresden, and K. Meyer, Berlin-Zehlendorf, Germany, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. 3,5,8,10-Tetra-arylopyrenes and making the same. 2,045,968; June 30.
- Scholl, Walter. (See Davis, R. O. E., and Scholl.)
- Scholl, William M., Chicago, Ill. Adhesive pad. 2,057,922; Oct. 20.
- Scholl, William M., assignor to The Scholl Mfg. Co. Inc., Chicago, Ill. Corn pad package. 2,027,555; Jan. 14.
- Scholl, William M., assignor to The Scholl Mfg. Co., Inc., Chicago, Ill. Making and mounting adhesive foot-treatment articles. 2,033,553; Mar. 10.
- Scholl, William M., Chicago, Ill. Card for corn pads and the like. 2,037,343; Apr. 14.
- Scholtes, Albert J., Baltimore, Md. Interlocking hose coupling and seal. 2,059,040; Oct. 27.
- Scholtes, Frank X. (See Clasen, A., and Scholtes.)
- Scholtes, Josef. (See Stöppel, Maximilian, assignor.)
- Scholtz, Harry G. (See Oliver, G. F., and Scholtz.)
- Scholtze, Herman J. (See Hansen, H. F., and Scholtze.)
- Scholz, Carl, Charleston, W. Va. Coal mining. 2,063,761; Dec. 8.
- Scholz, Erich. (See Eisenmann, K., Scholz, and Wolf.)
- Scholz, Harvey A., Milwaukee, Wis. Apparatus for forming shoes of the prewelded type. 2,051,533; Aug. 18.
- Scholz, Harvey A., Milwaukee, Wis. Stitch-down shoe. 2,063,633; Dec. 8.
- Scholz, Henry C. (See Grieb, W. W., and Simon, assignors.)
- Scholz, Henry C. (See Simon, Eaross J., assignor.)
- Scholz, Herman A. (See Roos, C. K., and Offutt, and Scholz.)
- Scholz, Herman A., Oak Park, assignor to United States Gypsum Company, Chicago, Ill. Cementitious paint and plastic composition. 2,032,071; Feb. 25.
- Scholz, William P., Morristown, N. J. Railway track and track-switch heater. 2,057,506; Oct. 13.
- Schön, Karl, Würzburg, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Sluice weir. 2,026,656; Jan. 7.
- Schonberg, Jackson R., and W. E. Robinson, Westfield, N. J., assignors to Standard Oil Development Company. Debutanization of naphtha. 2,049,027; July 28.
- Schönfelder, Herbert, Leipzig, Germany, assignor to Elizabeth Tietze, née Friedrich, Molkau/Leipzig, Germany. Stamp. 2,029,128; Jan. 28.
- Schonger, Frank, Kerhonkson, N. Y. Combined bait pail and minnow trap. 2,055,912; Sept. 29.
- Schönhöfer, Fritz. (See Schulemann, W., and Schönhöfer.)
- Schönhöfer, Fritz, and H. Henecka, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Quaternary heterocyclic urea compounds and manufacture thereof. 2,042,023; May 26.
- Schönitzer, Rudolph I., Cleveland, Ohio. Combined door-holding and door-checking device. 2,043,976; June 9.
- Schoof, Arthur W. (See Emery, C. B., and Schoof.)
- Schooler, Nathan, Beechhurst, N. Y. Shower construction. 2,059,614; Nov. 3.
- Schooley Printing and Stationery Company, The. (See Brisendine, Guy F., assignor.)
- Schoonmaker, Carl, New York, N. Y. Telltale closure device. 2,040,798; May 12.
- Schoonover, Noah E., assignor of forty-five per cent to F. Westerman, Fort Rice, N. Dak. Castration clamp. 2,040,536; May 12.



- Schoorel, Adam, New York, N. Y., assignor to Francis Keil & Son, Inc. Lock construction. 2,042,026; May 26.
- Schoorel, Adam, New York, N. Y., assignor to Francis Keil & Son, Inc. Lock construction. 2,050,696; Aug. 11.
- Schoorel, Adam, New York, N. Y., assignor to Francis Kiel & Son, Inc. Lock construction. 2,058,517; Oct. 27.
- Schorer, Herman, Valhalla, assignor to Borsari Tank Corporation of America, New York, N. Y. Tank construction. 2,058,038; Oct. 20.
- Schorger, Arlie W., Madison, Wis., assignor to Burgess Cellulose Company, Freeport, Ill. Stereotype mat. 2,041,092; May 19.
- Schorle, Herman J. (See Smith, W. A., Jr., and Schorle.)
- Schorle, Herman J., Astoria, Long Island, N. Y., and W. A. Smith, Jr., North Arlington, N. J., assignors to Worthington Pump and Machinery Corporation, New York, N. Y. Percussive tool valve. 2,033,257; Mar. 10.
- Schörnig, Ludwig. (See Kränzlein, G., Schlichenmaier, and Schörnig.)
- Schott, Clarence C. (See Reed, J. C., 3d, and Schott.)
- Schott, John F. (See Blair, G. W., and Schott.)
- Schott, Peter, Jr., assignor to American Fixture & Showcase Manufacturing Company, St. Louis, Mo. Article display-counter. 2,026,953; Jan. 7.
- Schottenfels, Monroe, West New York, N. J. Connector device. 2,040,958; May 19.
- Schottky, Walter, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Photoelectric generator. 2,040,632; May 12.
- Schöttle, Robert, Reichenbach-on-the-Fils, Germany. Vacuum cleaner. 2,055,264; Sept. 22.
- Schottroff, George, Yankton, S. Dak. Airplane. 2,065,401; Dec. 22.
- Schou, Theodor, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Insulating electrical coil winding. 2,061,388; Nov. 17.
- Schouwstra, Pieter, Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge device. 2,042,162; May 26.
- Schrader, George M., and R. J. H. Dannenberg, Du Page Township, Will County, Ill. Dandelion bed knife guard. 2,060,696; Nov. 10.
- Schrader, Gerhard, Opladen, near Cologne, and W. Zerweck, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Waterinsoluble azodyestuffs. 2,030,327; Feb. 11.
- Schrader, Hans, and E. Bossert, Essen-Ruhr, Germany, assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Fumigant composition. 2,037,439; Apr. 14.
- Schrader, Harold D., Tulsa, Okla. Gas burner. 2,055,366; Sept. 22.
- Schrader, Herbert, Wheeling, W. Va., assignor to Continental Can Company, Inc., New York, N. Y. Can opener. 2,053,637; Sept. 8.
- Schrader, Leo W., Elizabeth, N. J., assignor to Standard Oil Development Company. Foam retarding tube. 2,028,295; Jan. 21.
- Schrader's, A., Son, Inc. (See Clo, Jay H., assignor.)
- Schrader's, A., Son, Incorporated. (See Wahl, John, assignor.)
- Schrader's, A., Son, Incorporated. (See Williams, Selden T., assignor.)
- Schraff, Charles A., Cleveland, Ohio. Clamping device. 2,035,572; Mar. 31.
- Schrager, Joseph, Brooklyn, N. Y. Confection cover. 2,027,791; Jan. 14.
- Schram, William G., Mount Vernon, N. Y., and F. C. Birchall, Toronto, Ontario, Canada. Envelope. 2,041,434; May 19.
- Schramm, Adolf P. C., New York, N. Y. Electric vibrator. 2,048,712; July 28.
- Schramm, Adolf P. C., New York, N. Y. Massage applicator. 2,048,713; July 28.
- Schramm, August F., Jr., New York, N. Y. Articles of apparel and making the same. 2,035,766; Mar. 31.
- Schramm, Carl, North Coventry, assignor to The Smyth Manufacturing Company, Hartford, Conn. Stitching neckties. 2,065,754; Dec. 29.
- Schramm, Emil. (See Hoerbiger, A., and Schramm.)
- Schramm, Fred W., East Orange, N. J., assignor to American Telephone and Telegraph Company. Pulsating direct current generator. 2,038,683; Apr. 28.
- Schrank, Max, Bridgeton, N. J. Seam for garments. 2,041,626; May 19.
- Schraubstadter, Richard T. (See McCallum J., and Schraubstadter.)
- Schrauth, Walther, Berlin-Dahlem, Germany. Salves, creams, soaps, and the like. 2,045,415; June 23.
- Schrauth, Walther, Berlin-Dahlem, Germany. Cellulose derivative. 2,046,852; July 7.
- Schrauth, Walther, Berlin-Dahlem, Germany. Adhesive. 2,051,184; Aug. 18.
- Schrauth, Walther, Berlin-Dahlem, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Procedure for the manufacture of condensation products. 2,027,351; Jan. 7.
- Schrauth, Walther, Berlin-Dahlem, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels, A.-G., Zurich, Switzerland. Manufacturing soaps. 2,027,936; Jan. 14.
- Schrauth, Walther, Berlin-Dahlem, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Catalytic oxidation of turpentine oils. 2,030,802; Feb. 11.
- Schrauth, Walther, Berlin-Dahlem, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Production of aliphatic or cyclo-aliphatic primary amines. 2,033,866; Mar. 10.
- Schrauth, Walther, Berlin-Dahlem, Germany, assignor, by mesne assignments, to E. I. du Pont de Nemours & Co., Wilmington, Del. Cleaning, wetting, and emulsifying composition. 2,036,438; Apr. 7.
- Schrauth, Walther, Berlin-Dahlem, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Solving, softening, and gelatinizing agents. 2,042,413; May 26.
- Schrauth, Walther, Berlin-Dahlem, Germany, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Finishing fibrous material. 2,056,114; Sept. 29.
- Schrauth, Walther, Berlin-Dahlem, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Oil lacquer. 2,059,815; Nov. 3.
- Schrauth, Walther, Berlin-Dahlem, and R. Hueter, Ros-sau in Anhalt, Germany, assignors, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Lime, magnesia- and acid-resisting sulphates produced from unsaturated fatty alcohols. 2,044,919; June 23.
- Schray, George K. (See Angel, W. L., and Schray.)
- Schreiber, Evelyn. (See Bear, Joseph S., assignor.)
- Schreiber, John H. (See Keith, Wayland D., assignor.)
- Schreiber, John H., St. Louis, Mo. Ice vending machine. 2,053,726; Oct. 27.
- Schreiber, John H., St. Louis, Mo. Vending machine. 2,058,727; Oct. 27.
- Schreiber, John J. (See Suppiger, G. S., Alexander, and Schreiber.)
- Schreiber, Louis, assignor to The Foundry Equipment Company, Cleveland, Ohio. Wall panel. 2,047,386; July 14.
- Schreiber, Oscar, Wingdale, N. Y. Hinge. 2,057,269; Oct. 13.
- Schreiber, Patrick Q. R., assignor to Robert Legg Limited, London, England. Tobacco cutting machine. 2,048,473; July 21.
- Schreier, Max L., Brooklyn, N. Y. Convertible garment. 2,028,356; Jan. 21.
- Schreiner, Carl. (See Werner, C. V., and Schreiner.)
- Schrenk, Hans A., Arnhem, Netherlands, assignor to American Enka Corporation. Apparatus for spinning artificial silk. 2,046,930; July 7.
- Schrenk, Louis J., Detroit, Mich., assignors to Combustion Engineering Company, Inc., New York, N. Y. Wet refuse burning boiler and furnace installation. 2,057,450; Oct. 13.
- Schreuders, Peter G., Tacoma, Wash. Measuring device. 2,056,869; Oct. 6.
- Schreurs, Paul R., Muscatine, Iowa. Gas separator. 2,041,435; May 19.
- Schreurs, Paul R., Muscatine, Iowa. Apparatus for supplying fuel gases to internal combustion engines. 2,057,165; Oct. 13.
- Schrickel, Carl T., Mount Healthy, Ohio. Tone bar. 2,027,937; Jan. 14.
- Schriever, Otto, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Superheterodyne circuit arrangement. 2,042,636; June 2.
- Schriever, Otto, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Light translating apparatus. 2,050,737; Aug. 11.
- Schroder, Charles, Hartford, Conn., assignor to Allen-Wales Adding Machine Corporation, New York, N. Y. Calculating machine. 2,062,731; Dec. 1.
- Schroder, Frederick W., and M. Willis, New Orleans, La., assignors to R. J. Dorn Co., Inc. Corrugated sheet and making same. 2,041,967; May 26.
- Schröder, Karl. (See Biersack, R., and Schröder.)
- Schröder, Konstantin. (See Kruse, R., and Schröder.)
- Schrodt, August. (See Enderli, M., and Schrodt.)
- Schroeder, Adolph C., Jr., Yorktown, Tex. Knock-down culvert. 2,041,267; May 19.
- Schroeder, Bernard A., Evanston, Ill., assignor to United Autographic Register Co. Autographic register. 2,033,742; Mar. 10.
- Schroeder, Bernard A., Evanston, Ill., assignor to United Autographic Register Co., Chicago, Ill. Refold mechanism. 2,035,987; Mar. 31.
- Schroeder, Bernard A., Evanston, assignor to United Autographic Register Co., Chicago, Ill. Aligning device. 2,053,010; Sept. 1.
- Schroeder, Carl J., Chicago, Ill., assignor to Standard Oil Company, Whiting, Ind. Barrel washing apparatus. 2,058,728; Oct. 27.
- Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Mfg. Co., Stamford, Conn. Truck. 2,059,150; Oct. 27.
- Schroeder, Clarence W., Cicero, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Electric cooking device. 2,046,973; July 7.
- Schroeder, Clement J., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Machine tool. 2,035,283; Mar. 24.



- Schroeder, Emil B., Lubbock, Tex. Automobile top dressing. 2,046,793; July 7.
- Schroeder, Ernest R., Hawthorne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Card holder. 2,050,738; Aug. 11.
- Schroeder, Fred C., Oak Park, Ill. Bottle holder. 2,054,341; Sept. 15.
- Schroeder, Frederic W., Mexico, Mo., assignor to Corhart Refractories Company, Louisville, Ky. Refractory. 2,044,817; June 23.
- Schroeder, Henry L., Chicago, Ill. Baker's peel. 2,062,531; Dec. 1.
- Schroeder, Herbert, Seattle, Wash. Bracing means for case ladings. 2,053,638; Sept. 8.
- Schroeder, Oscar C., Chicago, Ill. Oil combustion apparatus. 2,039,937; May 5.
- Schroeder, Oscar C., and S. Perry, said Perry, assignor to Automatic Burner Corporation, Chicago, Ill. Oil burner. 2,029,741; Feb. 4.
- Schroeder, Oscar C., and S. Perry, said Perry assignor to Automatic Burner Corporation, Chicago, Ill. Oil combustion apparatus. 2,039,936; May 5.
- Schroeder, Pauline, San Francisco, Calif., assignor to Nichols Engineering & Research Corporation, New York, N. Y. Apparatus for incinerating waste materials. 2,062,681; Dec. 1.
- Schroeder, Walter W., Newark, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Control mechanism for variable volume compressors. 2,034,272; Mar. 17.
- Schroer Henry G. (See Bell, Hayes H., assignor.)
- Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie mit beschränkter Haftung, Berlin, Germany. Method of and apparatus for picture transmission. 2,056,301; Oct. 6.
- Schröter, Fritz. (See von Arco, G., and Schröter.)
- Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Picture reproducing system. 2,058,636; Oct. 27.
- Schröter, Gustav-Adolf, Dessau, assignor to Otto Heinrich Dräger, Lubeck, Germany. Detecting the presence of mustard gas (Yperite). 2,054,885; Sept. 22.
- Schröter, Karl. (See Becker, K., Schröter, and Wolff.)
- Schröter, Karl, Berlin-Lichtenberg, and H. Wolff Gottingen, Germany, assignors, by mesne assignments, to General Electric Company, Schenectady, N. Y. Drawing die. 2,058,110; Oct. 20.
- Schröter, Karl, Berlin-Lichtenberg, and K. Moers, Berlin-Charlottenburg, Germany, assignors, by mesne assignments, to General Electric Company, Schenectady, N. Y. Hard alloys. 2,059,041; Oct. 27.
- Schröter, Rudolph. (See Lommel, W., and Schröter.)
- Schrottke, Franz, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Pressure compensator for oil or compound-filled cables. 2,030,943; Feb. 18.
- Schubach, Gustave. (See Reynolds, W. G., and Schubach.)
- Schubert, Frank, Lynbrook, N. Y. Electrical control for gas water heaters. 2,056,021; Sept. 29.
- Schubert, Frank, Detroit, Mich., assignor to Bearings Company of America, Lancaster, Pa. Bearing. 2,029,445; Feb. 4.
- Schubert, Georg. (See Möller, R., and Schubert.)
- Schubert, Georg, assignor to Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Television system. 2,026,915; Jan. 7.
- Schubert, Georg, Berlin, assignor to the firm Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Television receiving apparatus. 2,049,629; Aug. 4.
- Schubert, Kurt, Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Filter circuit. 2,027,067; Jan. 7.
- Schubert, Paul, Berlin, assignor to Allgemeine Elektrizitäts-Gesellschaft, Berlin, Germany. Driving gear for counting mechanisms. 2,029,677; Feb. 4.
- Schubert & Salzer Maschinenfabrik Aktiengesellschaft. (See Heinitz, Woldemar, assignor.)
- Schuchter, Karl, Innsbruck, Austria. Modulating system. 2,043,448; June 9.
- Schuck, Anthony G., Los Angeles, Calif. Sound producing device. 2,029,641; Feb. 4.
- Schuck, Harold P., Shamrock, Fla. Composite block or panel. 2,049,571; Aug. 4.
- Schuck, Walter, Cedarhurst, N. Y. Metal awning. 2,057,350; Oct. 13.
- Schueler, Frederick C., assignor to Hudson Sharp Machine Company, Green Bay, Wis. Paper conversion. 2,029,446; Feb. 4.
- Schuessler, Carl F., Chicago, Ill. Knitted binder strip. 2,043,715; June 9.
- Schuessler, Emil, Buffalo, N. Y. Nonrepeat attachment for punch presses and the like. 2,050,546; Aug. 11.
- Schuessler, Levyn R., St. Louis, Mo. Rotary drilling apparatus. 2,028,478; Jan. 21.
- Schuette, Hermann, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing synthetic tanning agents. 2,036,161; Mar. 31.
- Schuette, Hermann, and R. Alles, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Synthetic tanning agent. 2,038,529; Apr. 28.
- Schuftan, Paul, Holtrielskreuth, near Munich, E. Karwat, Grosshesselohe, near Munich, and A. Steinbach, Wiesbaden, Germany. Separating a liquid into its constituent parts. 2,057,598; Oct. 13.
- Schuh, Charles H., Ridgewood, N. Y., assignor to Microcel Corporation, South River, N. J. Building construction. 2,061,486; Nov. 17.
- Schuhmacher, Lawrence F., assignor to Schuhmacher and Schneider Patents, Inc., Chicago, Ill. Mat. 2,048,474; July 21.
- Schuhmacher and Schneider Patents, Inc. (See Schuhmacher, Lawrence F., assignor.)
- Schuirman, William G., Seattle, Wash. Battery cell extractor. 2,046,490; July 7.
- Schuknecht, Walter O., assignor to Phoenix Hosiery Company, Milwaukee, Wis. Binder. 2,053,052; Sept. 1.
- Schulein, Joseph, Rockford, Ill. Bath for and electrodeposition of metal. 2,063,760; Dec. 8.
- Schulemann, Werner, and F. Schönhöfer, Wuppertal-Eilberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Stabilized preparation. 2,041,436; May 19.
- Schüler, Hugo, Chemnitz, assignor to Wanderer-Werke vorm. Winkhofer & Jaenicke Akt.-Ges., Schonau-Chemnitz, Germany. Carriage-feeding device for typewriters. 2,049,826; Aug. 4.
- Schüler, Hugo, Chemnitz, assignor to Wanderer-Werke vorm. Winkhofer & Jaenicke Akt.-Ges., Schonau, near Chemnitz, Germany. Typewriting machine. 2,062,236; Nov. 24.
- Schuler, Reuben. (See Buc, H. E., and Schuler.)
- Schuler, William N. (See Parker, J. H. S., and Schuler.)
- Schulman, Henry, Pangbourne, England. Rotary internal combustion engine. 2,028,526; Jan. 21.
- Schulman, Joseph, New York, N. Y. Roof construction. 2,065,478; Dec. 22.
- Schuloff, Robert, Vienna, Austria, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Primary disazo compounds. 2,050,811; Aug. 11.
- Schulse, Herman E., East Orange, N. J. Beverage conditioning and dispensing. 2,051,013; Aug. 11.
- Schulse, Herman E., East Orange, N. J. Rinsing equipment. 2,065,347; Dec. 22.
- Schulte, Edward J., et al. (See Long, G. E., Rush, and Schulte.)
- Schulte, Josef, assignor to Vereinigte Leichtmetallwerke Gesellschaft mit beschränkter Haftung, Bonn-on-the-Rhine, Germany. Aluminum alloys. 2,039,458; May 5.
- Schulte, Walter B., Madison, assignor to Burgess Battery Company, Freeport, Ill. Battery. 2,042,806; June 2.
- Schulte, Wilhelm, assignor to N. V. Koninklijke Pharmaceutische Fabrieken v/h Brocades-Stheeman & Pharmacia, Meppel, Netherlands. Manufacture of threads, strings, bands, films, and the like. 2,039,262; Apr. 28.
- Schulte, Wilhelm, assignor to N. V. Koninklijke Pharmaceutische Fabrieken v/h Brocades-Stheeman & Pharmacia, Meppel, Netherlands. Manufacture of bands, threads, and the like. 2,039,263; Apr. 28.
- Schulte, Wilhelm, assignor to N. V. Koninklijke Pharmaceutische Fabrieken v/h Brocades-Stheeman & Pharmacia, Meppel, Netherlands. Manufacture of threads, strings, bands, films, and the like. 2,058,835; Oct. 27.
- Schultes, Hermann, Mainz-Mombach, assignor to Deutsche Gold- und Silber-Scheideanstalt, vormals Roessler, Frankfurt-on-the-Main, Germany. Photographic developer. 2,057,451; Oct. 13.
- Schulthess, Ernest, South Orange, N. J. Coupling device. 2,044,335; June 16.
- Schulthess, Kenneth B., Belleville, N. J. Marking device. 2,038,962; Apr. 28.
- Schultis, Carl T. (See Schindhelm, H., and Schultis.)
- Schultis, Charles F. (See Herzbrun, I., and Schultis.)
- Schultis, Charles F. (See Kreuzer, P. F., and Schultis.)
- Schultz, Alfred, assignor to Standard Brands Incorporated, New York, N. Y. Manufacture of yeast. 2,029,592; Feb. 4.
- Schultz, Alfred, New York, and C. N. Frey, Scarsdale, N. Y., assignors to Standard Brands Incorporated, New York, N. Y. Manufacture of baked goods. 2,032,442; Mar. 3.
- Schultz, Alfred S., G. W. Kirby, New York, and C. N. Frey, Scarsdale, N. Y., assignors to Standard Brands Incorporated, New York, N. Y. Fermentation process. 2,052,443; Mar. 3.
- Schultz, Arthur B., Detroit, Mich. Automatic slack adjuster. 2,055,182; Sept. 22.
- Schultz, Arthur P. (See Teller, J., and Schulz.)
- Schultz, Edward, assignor to The Nagel-Chase Mfg. Co., Chicago, Ill. Smoking stand. 2,029,342; Feb. 4.
- Schultz, Edward H., Milwaukee, Wis. Tandem wheel attachment. 2,056,371; Oct. 6.
- Schultz, Edward H., Milwaukee, Wis. Endless track structure. 2,063,762; Dec. 8.
- Schultz, Edward H., Jr., assignor to The Nagel-Chase Mfg. Co., Chicago, Ill. Castor wheel appliance. 2,033,207; Mar. 10.
- Schultz, Frederick W., Wichita, Kans. Sandblast nozzle. 2,034,211; Mar. 17.
- Schultz, Frederick W., Wichita, Kans. Sandblast nozzle. 2,039,938; May 5.
- Schultz, Joseph, Cleveland, Ohio. Lithographic offset press. 2,046,189; June 30.
- Schultz, Kristian, assignor to Armour and Company, Chicago, Ill. Spray drying apparatus. 2,035,673; Mar. 31.



- Schultz, Oswald R., New York, N. Y., assignor to Cellu-Type Plate Co., Inc., Union City, N. J. Forming printing surfaces on cylinders. 2,060,828; Nov. 17.
- Schultz, Reinhold, Madrid, Spain. Vehicle wheel. 2,037,272; Apr. 14.
- Schultz, William O. (See Steinmayer, A. G., and Schultz.)
- Schultz, William O., South Milwaukee, and A. G. Steinmayer, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Drop-out fuse. 2,029,593; Feb. 4.
- Schultz, William O., South Milwaukee, and A. G. Steinmayer, Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Repeating fuse construction. 2,051,771; Aug. 18.
- Schultz, William O., South Milwaukee, and A. G. Steinmayer, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Repeating fuse construction. 2,063,466; Dec. 8.
- Schultz, William O., and A. G. Steinmayer, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Repeating fuse construction. 2,052,671; Sept. 1.
- Schultze, Claus H., Brooklyn, N. Y. Clothes drier. 2,032,891; Mar. 3.
- Schultze, Frederick L., New Rochelle, N. Y. Umbrella carrier. 2,041,494; May 19.
- Schultze, Walter A. (See Reid, J. A., and Schulze.)
- Schultze, Werner. (See Schmidt, W., Spitaler, and Schultze.)
- Schulz, Arthur P. (See Teller, J., and Schulz.)
- Schulz, E. Fred, Forest Park, assignor to A. R. Harmon, LaGrange, and K. H. Clark, Villa Park, Ill. Attachment for musical instruments. 2,040,633; May 12.
- Schulz, Hans E., Milwaukee, Wis. Rake. 2,056,411; Oct. 6.
- Schulz, Hans I., and J. Appel, Bomlitz, near Walsrode, Germany. Protective cellulose foil. 2,053,011; Sept. 1.
- Schulz, Hermann, and C. Carius, Dortmund, assignors to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Article made from steel and cast iron with reduced tendency to corrode. 2,053,846; Sept. 8.
- Schulz, Hermann, and C. Carius, Dortmund, Germany, assignors to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Article with reduced tendency to corrode. 2,056,588; Oct. 6.
- Schulz, Hermann, and C. Carius, Dortmund, Germany, assignors to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Articles with reduced tendency to corrode. 2,056,589; Oct. 6.
- Schulz, Hermann, and C. Carius, Dortmund, Germany, assignors to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Articles with reduced tendency to corrode. 2,056,590; Oct. 6.
- Schulz, Hermann, and C. Carius, Dortmund, Germany, assignors to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Articles with reduced tendency to corrode. 2,056,591; Oct. 6.
- Schulz, Otto H., Oakland, Calif. Self-serve hot plate. 2,061,637; Nov. 24.
- Schulz, Paul, Magdeburg, Germany. Motor driven linen pounder. 2,047,036; July 7.
- Schulz, Walter A., Oaklyn, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Film drag applying device. 2,064,570; Dec. 15.
- Schulz, Walter F., assignor to Truscon Steel Company, Youngstown, Ohio. Grid or grating. 2,031,007; Feb. 18.
- Schulz, Walter F., assignor to Truscon Steel Company, Youngstown, Ohio. Roadway joint strip. 2,046,297; June 30.
- Schulz, Walter F., assignor to Truscon Steel Company, Youngstown, Ohio. Highway guard. 2,060,128; Nov. 10.
- Schulz, Walter F., assignor to Truscon Steel Company, Youngstown, Ohio. Refrigerator shelf. 2,066,303; Dec. 29.
- Schulze, Herman W., Elmwood Park, assignor to Edison General Electric Appliance Company, Chicago, Ill. Electric oven. 2,035,767; Mar. 31.
- Schulze, Hermann, Leipzig, Germany. Porous boot or shoe sole. 2,030,545; Feb. 11.
- Schulze, Walter A., assignor to Phillips Petroleum Company, Bartlesville, Okla. Treatment of hydrocarbon oils. 2,045,057; June 23.
- Schulze, Walter A., and L. V. Chaney, assignors to Phillips Petroleum Company, Bartlesville, Okla. Sweetening hydrocarbon oils. 2,028,998; Jan. 28.
- Schulze, Walter A., and L. V. Chaney, assignors to Phillips Petroleum Company, Bartlesville, Okla. Sweetening hydrocarbon oils with alkali polysulphides. 2,034,837; Mar. 24.
- Schumacher, Albert H., Passaic, N. J., assignor, by mesne assignments, to Reconstruction Finance Corporation. Machine for trimming fabrics. 2,053,207; Sept. 1.
- Schumacher, Charles H., Dundee, assignor to Illinois Iron and Bolt Company, Carpentersville, Ill. Making lister shares. 2,047,293; July 14.
- Schumacher, Earl E. (See Bouton, G. M., and Schumacher.)
- Schumacher, Elmer L., et al. (See Stillwell, Charles W., assignor.)
- Schumacher, Elmer L., assignor to American Optical Company, Southbridge, Mass. Tool for assembling ophthalmic mountings. 2,045,372; June 23.
- Schumacher, Elmer W., et al. (See Larkin, William J., Jr., assignor.)
- Schumacher, Erwin A., Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Battery cell. 2,044,406; June 16.
- Schumacher, Louis. (See Fleischman, Philip, assignor.)
- Schumag Schumacher Metallwerke Aktiengesellschaft für Präzisionsmechanik. (See Mathar, Josef, assignor.)
- Schumaker, Alan G. (See Schumaker, John S. and A. G.)
- Schumaker, John S. and A. G., Asheville, N. C. Driving mechanism. 2,026,999; Jan. 7.
- Schumann, Alfred F., Baltimore, Md., assignor to Hauck Manufacturing Company, Brooklyn, N. Y. Heat interchanger. 2,040,959; May 19.
- Schumann, Alfred F., Baltimore, Md., assignor to Hauck Manufacturing Company, Brooklyn, N. Y. Melting kettle for tar, asphalt, and the like. 2,048,299; July 21.
- Schumann, Lawrence R., Brooklyn, assignor to Star Brush Manufacturing Co., Inc., Long Island City, N. Y. Brush. 2,044,595; June 16.
- Schumann, Otto. (See Bockmuhl, M., Schumann, Ehrhart, and Stein.)
- Schumann, Robert, Dusseldorf, Germany. Electric hand tool. 2,031,133; Feb. 18.
- Schumb, Martin T., East Milton, assignor to Boston Gear Works, Inc., North Quincy, Mass. Flexible coupling. 2,060,473; Nov. 10.
- Schumpelt, Karl, Union, N. J., assignor to Baker & Company, Inc. Stripping rhodium plating. 2,057,271; Oct. 13.
- Schumpelt, Karl, Union, N. J., assignor to Baker & Company, Inc. Stripping rhodium plating. 2,057,272; Oct. 13.
- Schundler, F. E., & Co. (See Denning, Paul S., assignor.)
- Schundler, F. E., & Company, et al. (See Jones, Otis L., assignor.)
- Schunk, Joseph, assignor to The National Lock Washer Company, Newark, N. J. Sash lock for bus or car window construction. 2,033,085; Mar. 3.
- Schunk, Joseph, assignor to The National Lock Washer Company, Newark, N. J. Bus or car window construction. 2,033,086; Mar. 3.
- Schupbach, Louis A., Waterbury, Conn. Jack. 2,050,130; Aug. 4.
- Schupbach, Rene M. (See Lauber, J. A., and Schupbach.)
- Schur, Milton O. (See Richter, G. A., and Schur.)
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Production of nitrocellulose. 2,029,547; Feb. 4.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Artificial leather manufacture. 2,033,486; Mar. 10.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Manufacture of paper for toweling and other purposes. 2,035,024; Mar. 24.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Manufacture of rubber-reinforced waterlaid webs of fiber. 2,041,968; May 26.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Artificial leather manufacture. 2,055,635; Sept. 29.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Manufacture of sheeted fiber-binder products. 2,057,166; Oct. 13.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Coating composition and its preparation. 2,060,129; Nov. 10.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Manufacture of smooth-faced webs of interfelted fiber. 2,064,360; Dec. 15.
- Schur, Milton O., and W. L. Hearn, assignors to Brown Company, Berlin, N. H. Waterlaid felt. 2,033,485; Mar. 10.
- Schur, Milton O., and W. L. Hearn, assignors to Brown Company, Berlin, N. H. Manufacture of bituminized felts. 2,049,978; Aug. 4.
- Schürch, Arthur. (See Jaek, W., and Schürch.)
- Schürmann, Ernst, Steglitz, near Berlin, and W. Esch, Schoeneberg, near Berlin, Germany. Purification of asbestos. 2,046,971; July 7.
- Schurmann, Martin, Lucerne, assignor to Industrie A. G. Allegro, Emmenbrücke, Switzerland. Knock-down spool or bobbin. 2,047,434; July 14.
- Schurmann, William A., Chicago, Ill. Egg package. 2,047,495; July 14.
- Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Hobbing machine feeding mechanism. 2,043,012; June 2.
- Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Generating mechanism. 2,048,520; July 21.
- Schuster, Curt. (See Schmelzer, A., and Schuster.)
- Schuster, Erving A., Freeland, assignor to Freeland Spool and Bobbin Corporation, Hazleton, Pa. Spool. 2,059,752; Nov. 3.
- Schuster, Fritz, Chemnitz, Germany. Pressing or treatment roller. 2,044,640; June 16.
- Schuster, Jacob H., St. Louis, Mo. Handle attachment for safety razors. 2,033,307; Mar. 10.
- Schuster, Paul B., assignor to The Magnetic Gauge Company, Akron, Ohio. Thickness measuring instrument. 2,058,518; Oct. 27.
- Schuster, Thomas, Phoenix, Ariz. Concrete meter box mold. 2,032,637; Mar. 3.
- Schuster, Ulysse, Brussels, Belgium. Apparatus for teaching double entry bookkeeping. 2,036,439; Apr. 7.



- Schutt, Arthur J., and C. W. Darrah, Lockport, N. Y., assignors to General Motors Corporation, Detroit, Mich. Car heater. 2,034,252; Mar. 17.
- Schutt, Hermann C. (See Petty, E., and Schutt.)
- Schutte & Koerting Company. (See Muhleisen, Karl, assignor.)
- Schutz, Harold R., Ottawa Hills, assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Glass working apparatus. 2,030,328; Feb. 11.
- Schutz, Harold R., Ottawa Hills, assignor to Libbey Catalogue Corporation, Toledo, Ohio. Mounting for reflector buttons. 2,032,595; Mar. 3.
- Schutz, Harold R., assignor, by mesne assignments, to Libbey Glass Co., Toledo, Ohio. Glass working apparatus. 2,050,386; Aug. 11.
- Schwab, Albert, East Orange, N. J. Permanent waving device. 2,049,871; Aug. 4.
- Schwab, Frank X., Buffalo, N. Y. Beer container. 2,032,722; Mar. 3.
- Schwab, James W. (See Butterworth, C. E., and Schwab.)
- Schwab, John C. E., and H. M. Wheeler, Clarksburg, assignors to Hazel-Atlas Glass Company, Wheeling, W. Va. Glass banding machine. 2,045,876; June 30.
- Schwab, Martin C., Chicago, Ill. Hygienic container. 2,033,400; Mar. 10.
- Schwab, Martin C., Chicago, Ill. Combination case, dispensing means and temperature retaining member. 2,033,401; Mar. 10.
- Schwab, Martin C., Chicago, Ill. Liquid dispensing apparatus. 2,065,829; Dec. 29.
- Schwab, Walford A., Chicago, Ill. Brush. 2,027,884; Jan. 14.
- Schwabe, Hermann J., Chemnitz, Germany. Dimming device. 2,061,172; Nov. 17.
- Schwabe, Kurt, Bielitz-Bielsko, Poland. Weaving loom. 2,048,356; July 21.
- Schwades, Arthur H. (See Emmert, J. R., and Schwades.)
- Schwaiger, Karl, Gaggenau Baden, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Internal combustion engine. 2,057,318; Oct. 13.
- Schwalbe, Franz G., assignor to Toledo Engineering Company, Incorporated, Toledo, Ohio. Glass tank feeding shelf. 2,061,213; Nov. 17.
- Schwalberg, Abraham, Brooklyn, N. Y. Wrist watch strap. 2,036,648; Apr. 7.
- Schwalm, Ernst. (See Schwalm, R. H., and E.)
- Schwalm, Rudolph H. and E., Millvale, Pa. Paste holder and dispenser. 2,048,714; July 28.
- Schwamberger, Emil. (See Scheyer, H., and Schwamberger.)
- Schwartz & Benjamin, Incorporated. (See Benjamin, Benjamin, assignor.)
- Schwartz, Charles, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Manufacture of casein products. 2,064,387; Dec. 15.
- Schwartz, Charles W., New York, N. Y. Control for phonographs. 2,056,372; Oct. 6.
- Schwartz, Edward, San Francisco, Calif. Talking device. 2,042,736; June 2.
- Schwartz, Edward J., Wilkesburg, Pa. Fruit jar holder. 2,028,415; Jan. 21.
- Schwartz, Fred, assignor to Fort Howard Paper Company, Green Bay, Wis. Folding machine. 2,047,710; July 14.
- Schwartz, George L. (See Larson, L. L., and Schwartz.)
- Schwartz, Harry A., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Hardened malleable iron. 2,058,039; Oct. 20.
- Schwartz, Harry L., and J. H. Rothstein, New York, N. Y. Combination writing instrument and shaver's kit. 2,045,416; June 23.
- Schwartz, Irving, Newton, Mass. Case. 2,062,237; Nov. 24.
- Schwartz, Jacob, Brooklyn, N. Y. Dry steam sprayer. 2,035,724; Mar. 31.
- Schwartz, Jacob R., Brooklyn, N. Y. Model duplicating device. 2,037,344; Apr. 14.
- Schwartz, Jacob R., Brooklyn, N. Y. Bridge pontic. 2,044,106; June 16.
- Schwartz, Max. (See Norton, W. W., and Schwartz.)
- Schwartz, Morris, Brooklyn, N. Y. Undergarment. 2,038,242; Apr. 21.
- Schwartz, Nathan, New York, N. Y. Connecting an exhalation valve, separator, or similar element with the face piece of a respirator, gas mask, or the like. 2,029,129; Jan. 28.
- Schwartz, Nathan, New York, N. Y. Separator for filter type respirators or the like. 2,035,097; Mar. 24.
- Schwartz, Nathan, New York, N. Y. Separator for filter type respirators. 2,055,853; Sept. 29.
- Schwartz, Nathan, New York, N. Y. Filtering device or separator for filter type respirators or the like. 2,062,834; Dec. 1.
- Schwartz, Paul A., Flushing, N. Y. Switch mechanism. 2,029,130; Jan. 28.
- Schwartz, Walter M., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Flatiron. 2,029,948; Feb. 4.
- Schwartzman, Jacob, Brooklyn, N. Y. Wire fabric for bedsprings and other articles. 2,044,336; June 16.
- Schwartzman, Jacob, Brooklyn, N. Y. Bedspring. 2,054,868; Sept. 22.
- Schwartzman, Jacob, Brooklyn, N. Y. Upholstery springs. 2,055,754; Sept. 29.
- Schwartzman, Samuel E. (See Laden, Joseph, assignor.)
- Schwarz, Alberto, Lima, Peru. Door lock. 2,055,913; Sept. 29.
- Schwarz, Alfred, Eisenach, Germany. Direction indicator. 2,047,037; July 7.
- Schwarz, Arthur, Berlin, Germany. Nozzle. 2,031,387; Feb. 18.
- Schwarz, Elmer H., Detroit, Mich. Smoker's pipe. 2,065,755; Dec. 29.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Adjustable lamp standard. 2,044,187; June 16.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Making spindles for lamp standards and the like, and products thereof. 2,061,134; Nov. 17.
- Schwarz, Henry G., Denver, Colo. Centrifugal extractor. 2,054,342; Sept. 15.
- Schwarz, Karl. (See Lichte, H., Zeh, Glass, and Schwarz.)
- Schwarz, Karl, assignor to Klangfilm G. m. b. H., Berlin, Germany. Speed regulation. 2,032,444; Mar. 3.
- Schwarz, Louis F., Oaklyn, N. J. Photographic apparatus. 2,039,193; Apr. 28.
- Schwarz, Quirin J., Rutherford, assignor to United Cork Companies, Lyndhurst, N. J. Manufacture of cork articles. 2,041,377; May 19.
- Schwarz, René. (See Wallach, R. N., and Schwarz.)
- Schwarz, Robert, White Plains, and S. Laufer, Brooklyn, N. Y.; said Laufer assignor to said Schwarz. Producing from plant materials protein decomposition products, mineral salts, and soluble carbohydrates. 2,051,017; Aug. 11.
- Schwarzbach, Oscar, Bautzen, assignor to the firm Frapido Spielwarenfabrik Alfred Kranz, Cologne-Ehrenfeld, Germany. Building element for constructional games. 2,027,885; Jan. 14.
- Schwarze Electric Company. (See Durant, John D., assignor.)
- Schwarze Electric Company. (See Middleton, Leslie H., assignor.)
- Schwarze Electric Company. (See Reck, Peter C., assignor.)
- Schwarze Electric Company. (See Von Voigtlander, Frederick, assignor.)
- Schwarzhaupt, Paul J., Scotia, N. Y., assignor to General Electric Company. Variable capacitor. 2,059,816; Nov. 3.
- Schwarzkopf, Paul, Reutte/Tyrol, Austria. Making compound structural material and shaped articles thereof. 2,030,229; Feb. 11.
- Schwarzmann, Wolfgang E. (See Wild, J. E., and Schwarzmann.)
- Schweering, Ernest H., Tulsa, Okla. Clutch and brake operating mechanism. 2,032,504; Mar. 3.
- Schweiger, Curt W., Munich, Germany. Sewing machine. 2,028,016; Jan. 14.
- Schweiger, Curt W., Munich, Germany. Sewing machine. 2,031,675; Feb. 25.
- Schweinsberger, Frank A., New York, N. Y. Cleaner for tobacco pipes. 2,048,411; July 21.
- Schweitzer, Anni, administratrix. (See Schrade, A., and Schweitzer.)
- Schweitzer & Conrad, Inc. (See Conrad, Nicholas J., assignor.)
- Schweitzer & Conrad, Inc. (See Ramsey, Allan, assignor.)
- Schweitzer & Conrad, Inc. (See Triplett, Hugh A., assignor.)
- Schweitzer & Conrad, Inc. (See Triplett, H. A., and Ramsey, assignors.)
- Schweitzer, Edmund O., Northbrook, Ill. Safety conductor. 2,041,093; May 19.
- Schweitzer, Jr., Edmund O., Northbrook, Ill. Timepiece. 2,061,047; Nov. 17.
- Schweitzer, Eugen. (See Schade, A., and Schweitzer.)
- Schweitzer, Frank J. (See Shaffer, W. D., and Schweitzer.)
- Schweitzer, Frank J., Brea, Calif. Floating block gate ram. 2,060,248; Nov. 10.
- Schweitzer, Frank J., Brea, Calif. Flow bean valve. 2,061,852; Nov. 24.
- Schweitzer, Hugo, Leverkusen-Wiesdorf, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Chromiferous azodyestuffs. 2,038,859; Apr. 28.
- Schweitzer, Otto, assignor to Metallgesellschaft Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Reacting rubber with halogen and oxygen gases. 2,037,599; Apr. 14.
- Schweitzer, Paul H., State College, Pa. Grease package. 2,050,812; Aug. 11.
- Schweitzer, William K. (See Lemmerman, P. C., and Schweitzer.)
- Schweitzer, William K., East Cleveland, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Soldering flux. 2,031,909; Feb. 25.
- Schweizer, Albert P. (See Hunt, J. H., and Schweizer.)
- Schweizer, Robert. (See Koeberle, K., Steigerwald, and Schweizer.)
- Schweizerische Industrie-Gesellschaft. (See End, Gotthard, assignor.)
- Schweizerische Industrie-Gesellschaft. (See End, G., and Gaetzel, assignors.)
- Schweizerische Lokomotiv & Maschinenfabrik. (See Dürig, Alfred, assignor.)
- Schweizerische Lokomotiv- & Maschinenfabrik. (See Nyffenegger, H., and Sigrist, assignors.)



- Schweller, Edmund F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,052,898; Sept. 1.
- Schweller, Edmund F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,053,803; Sept. 8.
- Schweller, Edmund F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,057,746; Oct. 20.
- Schweller, Edmund F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,058,916; Oct. 27.
- Schweller, Edmund F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,065,402; Dec. 22.
- Schweller, Sylveseter M., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,059,042; Oct. 27.
- Schwendt, Bernard J., Cleveland, Ohio, assignor to General Railway Signal Company, Rochester, N. Y. Train dispatching system for railroads. 2,056,145; Sept. 29.
- Schwendt, Bernard J., Lakewood, Ohio, and F. C. Lavarack, Montclair, N. J., assignors to Railroad Accessories Corporation, New York, N. Y. Railway switch locking device. 2,060,448; Nov. 10.
- Schwendt, Bernard J., Lakewood, E. N. Bousquet, Rocky River, and J. A. Dittenbacher, Cleveland, Ohio. Interlocking system for railroads. 2,062,835; Dec. 1.
- Schwenk, Erwin. (See Hildebrandt, F., and Schwenk.)
- Schwenk, Erwin, New York, N. Y., and F. Hildebrandt, Hohen Neuendorf, near Berlin, Germany, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Acyl derivatives of the dihydrofolic hormone and making the same. 2,033,487; Mar. 10.
- Schwenk, Erwin, Berlin-Westend, and M. Gehrke, Berlin-Halensee, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Compounds containing a mercaptide group and producing same. 2,038,609; Apr. 28.
- Schwenk, Erwin, Berlin-Westend, and F. Hildebrandt, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Production of hormone preparations of high purity. 2,046,656; July 7.
- Schwenk, Erwin, Berlin-Westend, and Friedrich, Hildebrandt, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Production of crystallized hormone esters. 2,054,271; Sept. 15.
- Schwenker, Charles F., Schenectady, N. Y., assignor to General Electric Company. Cutting machine. 2,044,548; June 16.
- Schwerak, Joseph J., assignor to Bohm Aluminum & Brass Corporation, Detroit, Mich. Apparatus for extruding metal. 2,031,008; Feb. 18.
- Schwerner, Henry, New York, N. Y. Sculptured display bust. 2,059,043; Oct. 27.
- Schweser, Carl E., David City, Nebr. Serum injecting outfit. 2,032,723; Mar. 3.
- Schweyer, Daniel H., Easton, Pa. Automatic brake apparatus. 2,052,944; Sept. 1.
- Schwieger, Albert, assignor to the firm Hanseatische Mühlenwerke Aktiengesellschaft, Hamburg, Germany. Producing concentrated phytosterin-containing products. 2,046,345; July 7.
- Schwieger, Albert, Hamburg, Germany, assignor, by mesne assignments, to American Lecithin Company, Cleveland, Ohio. Production of vegetable phosphatide preparations. 2,057,695; Oct. 20.
- Schwiers, Alois, Oakland, Calif. Filter. 2,041,495; May 19.
- Schwimmer, Oscar, Los Angeles, Calif. Device for making cream. 2,030,158; Feb. 11.
- Schwinn, Arnold & Co. (See Hart, Kenneth V., assignor.)
- Schwinn, Frank W., Chicago, Ill. Switch equipped tubular construction. 2,065,403; Dec. 22.
- Schwitzer-Cummins Company. (See Winkler, Carl J., assignor.)
- Slacky, David, Paris, France. Transmission system for a pressure-operated member such as a hydraulic press. 2,032,185; Feb. 25.
- Slacky, David, Paris, France. Electric spot welding apparatus. 2,054,343; Sept. 15.
- Scientific Combustion Laboratories. (See Hoffman, Fred D., assignor.)
- Scientific Sales Methods, Inc. (See Ross, Ralph P., assignor.)
- Scientific Tablet Co. (See Suppiger, G. S., Alexander, and Schreiber, assignors.)
- Scioscia, Oreste R., Pittsburgh, Pa. Child's seat for barbers' chairs. 2,056,870; Oct. 6.
- Scofield, Herbert F., New York, N. Y. Game apparatus. 2,055,159; Sept. 22.
- Scofield, Herbert F., New York, N. Y. Indicator for crossword puzzle games. 2,055,160; Sept. 22.
- Scofield, Mark S., Columbus, Ohio, assignor to Ralph S. Scofield, Newton, Iowa. Liquid agitator. 2,037,152; Apr. 14.
- Scofield, Ralph S. (See Scofield, Mark S., assignor.)
- Scofield, Theodore J., assignor to The Sparks-Withington Company, Jackson, Mich. Refrigerator. 2,031,283; Feb. 18.
- Scofield, Theodore J., Jackson, Mich., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Condenser. 2,042,556; June 2.
- Scoles, Roy B., Columbus, Ohio. Container for pulverulent materials. 2,054,302; Sept. 15.
- Scotson, Geoffrey R. F., North Wembley, assignor to The General Electric Company, Limited, London, England. Storage cooker and the like. 2,054,953; Sept. 22.
- Scott, Albert B., Los Angeles, and G. B. Robertson, Manhattan Beach, Calif., said Robertson assignor to said Scott. Wine preserving apparatus. 2,036,505; Apr. 7.
- Scott, Albert B., and E. Goulding, Los Angeles, Calif. Safety chair for airplanes. 2,053,538; Sept. 8.
- Scott, Allen N., Montreal, West Quebec, assignor of one-half to J. R. Timmins, Montreal, Quebec, Canada. Vehicle chain. 2,038,684; Apr. 28.
- Scott, Ashton T., Bryn Mawr, assignor to The Sharples Specialty Company, Philadelphia, Pa. Extraction and purification of sugar juices. 2,059,971; Nov. 3.
- Scott, Bernard H., Glendale, Calif. Automatic control system for atomizing and lifting oil with gas. 2,030,159; Feb. 11.
- Scott, Charles S., Bluffton, Ind. Lawn edger. 2,029,949; Feb. 4.
- Scott, Clarence N., Houston, Texas. Period control valve for plunger lift devices. 2,064,272; Dec. 15.
- Scott, Clyde, Newark, N. J. Composite film and picture and producing it. 2,050,021; Aug. 4.
- Scott, Clyde, East Orange, N. J. Composite film and picture and producing them. 2,061,678; Nov. 24.
- Scott, David C., Providence, R. I., assignor to Henry L. Scott Company. Filament testing apparatus. 2,037,273; Apr. 14.
- Scott, David J., Plainfield, N. J. Web supply means. 2,034,838; Mar. 24.
- Scott, E. H. (See Brush, Chester E., assignor.)
- Scott, E. H. (See Pfaff, E. R., and Coon, assignors.)
- Scott, Elmer E., Dayton, Ky. Refrigerating system. 2,055,367; Sept. 22.
- Scott, Elmo C., St. Louis, Mo. Battery holder. 2,031,508; Feb. 18.
- Scott, Floyd L. (See Garfield, L. E., and Scott.)
- Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Hydraulic punch. 2,030,721; Feb. 11.
- Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Cutter assembly. 2,030,722; Feb. 11.
- Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Roller boring well drill. 2,038,387; Apr. 21.
- Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Three-cutter bit. 2,044,549; June 16.
- Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Roller boring drill. 2,064,273; Dec. 15.
- Scott, Floyd L., and L. E. Garfield, assignors to Hughes Tool Company, Houston, Tex. Cutter supporting means for well drills. 2,030,723; Feb. 11.
- Scott, Floyd L., Houston, Tex., and H. A. Schaeffer, Los Angeles, Calif., assignors to Hughes Tool Company, Houston, Tex. Cutter for well drills. 2,038,386; Apr. 21.
- Scott, Frederick S. (See Bray, U. B., Beckwith, and Scott.)
- Scott, George R., Norfolk, Va. Thread forming cutting tool. 2,052,804; Sept. 1.
- Scott, George S., assignor to The Waterbury Button Company, Waterbury, Conn. Two-tone whistle. 2,056,623; Oct. 6.
- Scott, George, & Son London Limited, et al. (See Coles, W. V., and Riley, assignors.)
- Scott, Harry A., Houston, Tex. Feed water heater for boilers. 2,054,733; Sept. 15.
- Scott, Harry J., San Francisco, Calif. Siphon bottle head. 2,038,007; Apr. 21.
- Scott, Henry L., Company. (See Russ, Arthur E., assignor.)
- Scott, Henry L., Company. (See Scott, David C., assignor.)
- Scott, Henry L., Company. (See Scott, James M., assignor.)
- Scott, Henry P., Jr., assignor, by mesne assignments, to Bond Manufacturing Corporation, Inc., Wilmington, Del. Preextended cork. 2,052,899; Sept. 1.
- Scott, Henry T., assignor to The American Paper Bottle Company, Toledo, Ohio. Container. 2,047,891; July 14.
- Scott, Henry T., assignor to The American Paper Bottle Company, Toledo, Ohio. Mechanism for partially folding container closures. 2,056,330; Oct. 6.
- Scott, Henry T., assignor to The American Paper Bottle Company, Toledo, Ohio. Automatic paper bottle machine. 2,059,403; Nov. 3.
- Scott, Henry T., assignor to The American Paper Bottle Company, Toledo, Ohio. Stapling apparatus. 2,063,345; Dec. 8.
- Scott, Herbert J., Passaic, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Holder for piezoelectric crystals. 2,047,387; July 14.
- Scott, Howard, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Metal glass seal. 2,043,307; June 9.
- Scott, Howard, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Making stable invar. 2,050,387; Aug. 11.
- Scott, Howard, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Glass-to-metal seal. 2,057,452; Oct. 13.
- Scott, Howard, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Glass-to-metal seal. 2,065,404; Dec. 22.
- Scott, Howard, Forest Hills, Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Annealing process. 2,062,836; Dec. 1.



- Scott, Howard, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper alloy. 2,046,702; July 7.
- Scott, Howard, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Glass metal seal. 2,062,335; Dec. 1.
- Scott, Howard B., assignor to The National Cash Register Company, Dayton, Ohio. Mechanical clutch. 2,060,249; Nov. 10.
- Scott, Jack V., Abington, assignor to Quality Weaving Company, Philadelphia, Pa. Garment label. 2,063,271; Dec. 8.
- Scott, James M., Providence, R. I., assignor to Henry L. Scott Company. Twist counter. 2,037,274; Apr. 14.
- Scott, James W., Los Angeles, Calif. Tire rasp. 2,032,507; Mar. 3.
- Scott, James Y., and B. F. Stowell, assignors to Van Norman Machine Tool Company, Springfield, Mass. Universal index head. 2,059,753; Nov. 3.
- Scott, Jesse, Tres Piedras, N. Mex., assignor of one-half to J. A. Robinson, Rocky Ford, Colo. Insect and rodent exterminator. 2,052,945; Sept. 1.
- Scott, John G., and F. L. Fraizer, Troy, Ohio. Pipe puller and pusher. 2,056,489; Oct. 6.
- Scott, Kenneth L., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for determining the magnetic characteristics of material. 2,035,248; Mar. 24.
- Scott, Leslie E., and E. A. Smith, San Jose, Calif. Automatic vending machine. 2,053,637; Oct. 27.
- Scott, Lewis L., St. Louis, Mo. Automatic valve. 2,040,342; May 12.
- Scott, Murray R., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical glass composition. 2,064,361; Dec. 15.
- Scott, Norman D. (See Bond, H. A., and Scott.)
- Scott, Norman D. (See Hansley, V. L., and Scott.)
- Scott, Norman D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Reacting alkali metals with aromatic hydrocarbons. 2,027,000; Jan. 7.
- Scott, Norman D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resin. 2,035,346; Mar. 24.
- Scott, Norman D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative compositions. 2,040,882; May 19.
- Scott, Norman D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Refining hydrocarbons. 2,048,169; July 21.
- Scott, Norman D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of dihydronaphthalene-dicarboxylic acids and making the same. 2,060,829; Nov. 17.
- Scott, Norman D., Sanborn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reactions of sodium with hydrocarbons. 2,054,303; Sept. 15.
- Scott, Norman D., Sanborn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenated esters. 2,065,756; Dec. 29.
- Scott, Norman D., and J. F. Walker, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Preparation of polycyclic aromatic monocarboxylic acid. 2,054,100; Sept. 15.
- Scott, Norman D., and J. F. Walker, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenated products. 2,055,708; Sept. 29.
- Scott Paper Company. (See Parsons, Philip D., assignor.)
- Scott Patents Corporation. (See Mueller, Albert B., assignor.)
- Scott, Paul B., et al. (See Jones, David, assignor.)
- Scott, Philip L., San Mateo, Calif. Mixing and burning fuel. 2,033,155; Mar. 10.
- Scott, Philip L., Chicago, Ill. Engine. 2,046,003; June 30.
- Scott, Philip L., San Mateo, Calif. Engine. 2,048,223; July 21.
- Scott, Philip L., Chicago, Ill., assignor to Super Diesel Tractor Corporation, La Porte, Ind. Fuel supply system. 2,046,491; July 7.
- Scott, Richard G., Cosicana, Tex. Testing apparatus for electric appliance. 2,061,487; Nov. 17.
- Scott, Richard H. (See Gorse, W. F., and Scott.)
- Scott, Richard H., Enfield, assignor to Linotype and Machinery Limited, London, England. Distributing mechanism of typographical composing and distributing machines. 2,057,795; Oct. 20.
- Scott, Richard H., Enfield, assignor to Linotype and Machinery Limited, London, England. Typographical composing machine. 2,061,881; Nov. 24.
- Scott, Robert W., Chicago, Ill., assignor to Sullivan Machinery Company. Air lift pumping apparatus. 2,062,799; Dec. 1.
- Scott, Roger M., and J. G. Aldrich, assignors to New England Butt Company, Providence, R. I. Cord carrier for braiding machines. 2,058,917; Oct. 27.
- Scott, Roger M., and J. G. Aldrich, assignors to New England Butt Company, Providence, R. I. Braiding machine carrier. 2,053,918; Oct. 27.
- Scott, Samuel S. (See Crecca, J. D., and Scott.)
- Scott, Thomas R., and T. E. D. Menzies, Aldwych, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Electric cable. 2,029,038; Jan. 28.
- Scott, Thomas R., and J. K. Webb, Aldwych, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Manufacture of electric cables. 2,063,346; Dec. 8.
- Scott, Thomas R., and J. K. Webb, Aldwych, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Impregnation of electric cables. 2,065,927; Dec. 29.
- Scott, Walter A., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Teat cup liner. 2,061,809; Nov. 24.
- Scott, Walter C. (See Feddern, C. O., Rementer, and Scott.)
- Scott, Walter H. (See Aronov, P., and Scott.)
- Scott, Walter H. (See Warnick, P. M., and Scott.)
- Scott, Walter H., assignor to J. L. Berggren, Chicago, Ill. Display sign. 2,048,628; July 21.
- Scott, Walter I. and L. H. Foster, New Orleans, La. Spark plug scraper. 2,028,170; Jan. 21.
- Scott, Walter M. (See Esselen, G. J., and Scott.)
- Scott, Walter M., Wellesley, assignor, by mesne assignments, to E. M. Carsley, Boston, Mass. Manufacture of cellular products. 2,065,757; Dec. 29.
- Scott, William J. (See Davies, L. J., Gilson, and Scott.)
- Scott, William J., Hillmorton Paddox, Rugby, England, assignor to General Electric Company. Electric discharge device. 2,042,195; May 26.
- Scott, William P., Oakland, Calif. Bottom dump vehicle. 2,060,130; Nov. 10.
- Scott & Williams, Incorporated. (See Firsching, Joseph A., assignor.)
- Scott & Williams, Incorporated. (See Gammons, Herman T., assignor.)
- Scott & Williams, Incorporated. (See Getaz, James L., assignor.)
- Scott & Williams, Incorporated. (See Grothey, Ivan W., assignor.)
- Scott & Williams, Incorporated. (See Holt, Laurence B., assignor.)
- Scott & Williams, Incorporated. (See Marshall, E. W., and Holt, assignors.)
- Scott & Williams, Incorporated. (See Page, Albert E., assignor.)
- Scott & Williams, Incorporated. (See Page, Albert E., and F. R., and Sheppard, assignors.)
- Scott & Williams, Incorporated. (See Paquette, Roland J., assignor.)
- Scott & Williams, Incorporated. (See Roinestad, Selmer, assignor.)
- Scott, Winfield, Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, Wilmington, Del. Benzyl-benzo-thiazyl sulphide and making the same. 2,057,319; Oct. 13.
- Scott, Winfield, Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Nitro-phenyl-arylene-thiazyl-disulphides and manufacturing the same. 2,060,428; Nov. 10.
- Scott, Winfield, Akron, Ohio, and H. G. Byers, Washington, D. C., assignors to The Rubber Service Laboratories Co., Akron, Ohio. Preservation of rubber. 2,027,001; Jan. 7.
- Scottish Dyes Limited. (See Fairweather, D. A. W., and Thomson, assignors.)
- Scottish Dyes, Limited. (See Smith, W., and Thomas, assignors.)
- Scovill Manufacturing Co. (See Aspenden, Donald L., assignor.)
- Scovill Manufacturing Company. (See Bahney, Luther W., assignor.)
- Scovill Manufacturing Company. (See Beebe, Murray C., assignor.)
- Scovill Manufacturing Company. (See Bennett, Morris H., assignor.)
- Scovill Manufacturing Company. (See Boden, George, assignor.)
- Scovill Manufacturing Company. (See Giles, Louis E., assignor.)
- Scovill Manufacturing Company. (See Goepel, Arthur H., assignor.)
- Scovill Manufacturing Company. (See Goepel, A. H., and Donahue, assignors.)
- Scovill Manufacturing Company. (See Janes, Edmund D., assignor.)
- Scovill Manufacturing Company. (See Kirkpatrick, W. J., and Whittington, assignors.)
- Scovill Manufacturing Company. (See Lee, James, assignor.)
- Scovill Manufacturing Company. (See Le Page, Albert L., assignor.)
- Scovill Manufacturing Company. (See Martin, Ernest J., assignor.)
- Scovill Manufacturing Company. (See Mitchell, August, assignor.)
- Scovill Manufacturing Company. (See Moran, Joseph F., assignor.)
- Scovill Manufacturing Company. (See Moran, J. F., and Bertschinger, assignors.)
- Scovill Manufacturing Company. (See Pasman, Abram N., assignor.)
- Scovill Manufacturing Company. (See Patchen, Arthur D., assignor.)



- Scovill Manufacturing Company. (See Plunkett, Paul, assignor.)
- Scovill Manufacturing Company. (See Price, William B., assignor.)
- Scovill Manufacturing Company. (See Reutter, Frederick R., assignor.)
- Scovill Manufacturing Company. (See Reutter, Philip A., assignor.)
- Scovill Manufacturing Company. (See Simons, Ernest D., assignor.)
- Scovill Manufacturing Company. (See Smeby, Adolph H., assignor.)
- Scovill Manufacturing Company. (See Summey, David L., assignor.)
- Scovill Manufacturing Company. (See Tompkins, Emerson H., assignor.)
- Scoville, Loren P., Flushing, assignor to The Texas Company, New York, N. Y. Bubble tray. 2,029,277; Jan. 28.
- Scrantom, De Hart G., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Processing of metal parts. 2,029,037; Jan. 28.
- Scranton, Donald H., Buffalo, and R. P. Moore, Kenmore, N. Y. Fuel lighter for furnaces. 2,047,523; July 14.
- Scranton Lace Company, The. (See Perry, William E., assignor.)
- Screw Machine Specialty Company. (See Rolston, Kenneth P., assignor.)
- Screw Machine Specialty Company et al. (See Welch, J. W., and Suess, assignors.)
- Scribner, Charles E. (See Price, Charles W., assignor.)
- Scribner, Harold F., Westfield, N. J., assignor to The O. K. Tool Company, Inc., New York, N. Y. Blade lock for metal cutting tools. 2,037,642; Apr. 14.
- Scribner, Romeyn B., Rye, assignor to Thomaston Laboratories, Inc., New York, N. Y. Loudspeaker. 2,034,882; Mar. 24.
- Scribner, William L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing cage. 2,026,802; Jan. 7.
- Scribner, William L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Telltale roller bearing construction. 2,065,614; Dec. 29.
- Scrimgeour, William, Washington, D. C. Making hollow forged valves. 2,029,507; Feb. 4.
- Scrimgeour, William, Washington, D. C. Making hollow articles. 2,029,508; Feb. 4.
- Scripture, Edward W., Jr., assignor to The Master Builders Company, Cleveland, Ohio. Hardening the surface of mastic structures. 2,062,615; Dec. 1.
- Scroggs, Joseph W., Norman, Okla. Door operating mechanism. 2,029,678; Feb. 4.
- Scrutchfield, Paul H. (See Durant, W. W., and Scrutchfield.)
- Scudder, Charles J., and S. S. Riegel, Scranton, Pa. Locomotive throttle valve. 2,051,347; Aug. 18.
- Scudder, Frederick J., Queens Village, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,034,883; Mar. 24.
- Scudder, Tracy, Ridgewood, N. J. Lined drum. 2,065,293; Dec. 22.
- Scull, R. D. R., Crystal City, Mo., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Plate glass turnover and transfer apparatus. 2,062,732; Dec. 1.
- Scull, Raymond T., et al. (See Berstler, Carl E., assignor.)
- Scullin Steel Co. (See McCullough, Paul J., assignor.)
- Scully, Rees T., and O. C. Rieger, assignors of forty-two and one-half per cent to W. S. Lang, forty-two and one-half per cent to said Scully and fifteen per cent to said Rieger, Pittsburgh, Pa. Brush. 2,045,373; June 23.
- Scupin, Werner, Namslau, Germany. Device for accommodating wound film bands. 2,041,152; May 19.
- Scurlock, Lewis H. (See Runyan, Arthur L., assignor.)
- Scurlock, Lewis H., Chicago, Ill. Food container unit. 2,030,899; Feb. 18.
- Scurlock, Lewis H., Chicago, Ill. Food container unit. 2,042,637; June 2.
- Seaberg, Charles E., Bridgeport, Conn., assignor to General Electric Company. Electric cable. 2,037,543; Apr. 14.
- Seabury, Ralph L. (See Murray, L. W., and Seabury.)
- Seabury, Ralph L., and L. W. Murray, Anderson Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Clutch throw-out bearing. 2,035,988; Mar. 31.
- Seailles, Jean. (See Freyssinet, E., and Seailles.)
- Seailles, Jean C., Paris, France. Production of calcium aluminate and alumina. 2,055,947; Sept. 29.
- Sealdrok Company of New England. (See Stafford, Hiram M., assignor.)
- Sealed Joint Products Co. Inc. (See Duffy, Charles G., assignor.)
- Sealed Power Corporation. (See Johnson, Charles E., assignor.)
- Seal-O-Strain Corporation. (See Arvintz, Abraham A., assignor.)
- Seatest System Laboratories, Inc. (See Johnson, A. H., and Trebler, assignors.)
- Sealzit Corporation. (See Barr, Charles O., assignor.)
- Sealzit Corporation. (See Castle, Ralph F., assignor.)
- Sealzit Corporation. (See Wise, Irwin L., assignor.)
- Seaman, Charles, Hollis, N. Y. Attachment for sewing machines. 2,062,429; Dec. 1.
- Seaman, David J., and H. H. Metcalf, Battle Creek, Mich., assignors to Seaman-Metcalf Incorporated. Method and apparatus for uniting printed webs. 2,050,767; Aug. 11.
- Seaman, Gilbert M., Catskill, N. Y. Underfeed stoker. 2,063,347; Dec. 8.
- Seaman, Joseph W., Lansdowne, Pa., assignor to General Electric Company. Circuit breaker contact. 2,037,544; Apr. 14.
- Seaman, Joseph W., Lansdowne, Pa., assignor to General Electric Company. Circuit breaker. 2,053,972; Sept. 8.
- Seaman-Metcalf Incorporated. (See Seaman, D. J., and Metcalf, assignors.)
- Seaman, William, Glens Falls, N. Y., assignor to Standard Oil Development Company. Sulphur resins and methods of preparation. 2,035,098; Mar. 24.
- Seaman, William, Glens Falls, N. Y., assignor to Standard Oil Development Company. Solvent for resins. 2,062,378; Dec. 1.
- Seaman, William, Glens Falls, N. Y., and J. R. Huffman, Elizabeth, N. J., assignors to Standard Oil Development Company. Production of thioethers from mercaptans. 2,066,189; Dec. 29.
- Seamark, Lewis M. C., Radfords, Dawlish, England. Casting head equipment. 2,035,925; Mar. 31.
- Seamless Rubber Company, The. (See Crowley, C. J., and Madsen, assignors.)
- Seamless Rubber Company, The. (See DeLaney, Wallace W., assignor.)
- Seamless Rubber Company, The. (See de Laney, W. W., and Madsen, assignors.)
- Seamless Rubber Company, The. (See Weeks, Walter R., assignor.)
- Search, Le Roy, Wesleyville, Pa. Meter shunt preventing means. 2,056,624; Oct. 6.
- Searcy, Frank L. (See Prescott, H. R., and Searcy.)
- Searing, Charles A., Pittsburgh, Pa. Building structure. 2,064,633; Dec. 15.
- Searing, Hudson R. (See Powers, R. E., and Searing.)
- Searing, Hudson R., New York, N. Y., assignor to General Electric Company. Control and protection of electric circuits. 2,027,204; Jan. 7.
- Searing, Hudson R., New York, N. Y., assignor to General Electric Company. Circuit protective device. 2,049,325; July 28.
- Searle, Arthur M., G. L. Hunt, and R. J. M. Andrews, Aldwych, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y. Combined teleprinter and telephone system. 2,060,250; Nov. 10.
- Searle, Dudley F., Oakland, Calif. Air brake control valve. 2,063,700; Dec. 8.
- Searles, Amos, Moscow, Pa., and C. A. Swartz, Bronxville, N. Y. Conveyor. 2,052,900; Sept. 1.
- Searles, Wayne S., assignor to Universal Optical Corporation, Providence, R. I. Sport ophthalmic mounting. 2,027,123; Jan. 7.
- Searles, Wayne S., assignor to Universal Optical Corporation, Providence, R. I. Ophthalmic mounting. 2,048,298; July 21.
- Sears, Arthur, Elkhart, Ind. Slicing machine. 2,049,519; Aug. 4.
- Sears, Edward J. (See Francis, C. C., and Sears.)
- Sears, Edward S., Oxhey, assignor to Mabie, Todd & Company, Limited, London, England. Self filling fountain pen. 2,056,055; Sept. 29.
- Sears, Floyd A., Rome, N. Y. Automatic camera. 2,040,216; May 12.
- Sears, Roebuck and Co. (See Kingdon, Ralph H., assignor.)
- Seasholtz, J. M., and Sons, Inc. (See Seasholtz, John M., assignor.)
- Seasholtz, John M., assignor to J. M. Seasholtz and Sons, Inc., Reading, Pa. Crystalline decoration for porcelain and porcelain enameled articles. 2,043,449; June 9.
- Seat, Jay L., Fairfield, Conn., assignor to Mergenthaler Linotype Company. Thermal valve. 2,055,987; Sept. 29.
- Seattle Trust Company, executor. (See Gorin, Frederick P.)
- Seaver, Blake A., assignor to Blake Manufacturing Corporation, Springfield, Mass. Lip stick holder. 2,032,669; Mar. 3.
- Seaver-Brinkman-Gerstenberger, Inc. (See Brinkman, Carl A., assignor.)
- Seaver, Elliot O., Meadville, Pa., assignor to Hookless Fastener Company. Separable fastener. 2,027,708; Jan. 14.
- Seaver, Elliott O., Meadville, Pa., assignor to Hookless Fastener Company. Separable fasteners. 2,048,639; July 21.
- Seaver, Jay J., C. E. Dougan, and H. L. Wetherbee, assignors to H. A. Brassert & Company, Chicago, Ill. Gas washer. 2,039,540; May 5.
- Seavey, Frederick R. (See Olin, F. W., Myers, and Seavey.)
- Seavey, Frederick R. (See Olsen, F., and Seavey.)
- Seaward, George F., Luton, England. Supporting bowls and similar receptacles over sinks, basins, tables, or benches. 2,036,506; Apr. 7.
- Seay, Horace H. (See Driess, Oscar M., assignor.)
- Sebald, Leslie E., Ridgewood, N. J., assignor, by mesne assignments, to The Griscom-Russell Company. Heat exchanger. 2,038,088; Apr. 21.



- Sebek, Albert T., assignor to Central Die Casting and Manufacturing Company, Inc., Chicago, Ill. Nipple closure. 2,057,848; Oct. 20.
- Sebell, Harry, Boston, assignor of one-half to A. H. Parker, Lexington, Mass. Can. 2,049,228; July 28.
- Sebire, Benjamin T., Ashland, assignor of fifty-one one-hundredths to C. E. Marshall, Hopkinton, Mass. Electric door closer. 2,046,431; July 7.
- Sebire, Benjamin T., Ashland, assignor of fifty-two one hundredths to C. E. Marshall, Hopkinton, Mass. Clutch. 2,053,376; Sept. 8.
- Sebrell, Lorin B., Silver Lake, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerators of vulcanization. 2,050,195; Aug. 4.
- Sebrell, Lorin B., Silver Lake, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Prevention of deterioration of cotton cord by heat. 2,050,196; Aug. 4.
- Sebrell, Lorin B., Silver Lake, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Prevention of deterioration of cotton cord by heat. 2,050,197; Aug. 4.
- Sebrell, Lorin B., Silver Lake, Ohio, assignor, by mesne assignments, to Wingfoot Corporation, Wilmington, Del. Accelerator of vulcanization. 2,050,199; Aug. 4.
- Sebrell, Lorin B., Silver Lake, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Treatment of rubber. 2,052,423; Aug. 25.
- Sebrell, Lorin B., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerator of vulcanization. 2,050,198; Aug. 4.
- Seburger, Frederick, Maplewood, N. J. Eyeglass cleaner. 2,055,314; Sept. 22.
- Sechrist, Curtis. (See Harbarger, Oran L., assignor.)
- Sechrist, Roy H., near Marion, and I. C. Howard, Marion, Ohio, said Howard assignor to said Sechrist. Invalid lifting apparatus. 2,035,840; Mar. 31.
- Seckendorff, Ernst W., White Plains, N. Y., assignor to The Jeffrey Manufacturing Company. Apparatus for breaking down material. 2,039,264; Apr. 28.
- Seckinger, George D., Mansfield, Pa. Outlet box hanger. 2,032,636; Mar. 3.
- Seco Manufacturing Company. (See Signor, William E., assignor.)
- Secondo, Peter, Watsonville, Calif. Fruit washing machine. 2,057,982; Oct. 20.
- Secrest, William J. (See Lewis, A. P., and Secrest.)
- Secretary of Commerce. (See Conn, Wallace T., assignor.)
- Secretary of Commerce. (See Partridge, E. P., and Fragen, assignors.)
- Secretary of War of the United States of America. (See Conlon, T. A. and Beatty, assignors.)
- Secretary of War of the United States of America. (See Gobson, William A., assignor.)
- Security Grinding Wheel Co. (See Goodhue, Julian G., assignor.)
- Security Trust Company. (See Long, Elmer C., assignor.)
- Sederis, William. (See Minos, S., and Sederis.)
- Sedgley, Reginald F., and M. Wurzer, Philadelphia, Pa. Machine gun. 2,029,839; Feb. 4.
- Sedgley, Reginald F., Philadelphia, Pa. Method of and apparatus for curling strand material. 2,056,213; Oct. 6.
- Sedgwick, Frederick, deceased, Washington, D. C., P. J. Sedgwick, administrator. Typewriter attachment. 2,049,667; Aug. 4.
- Sedgwick Machine Works, Incorporated. (See Henriksen, Bjarne, assignor.)
- Sedgwick, Paul J., administrator. (See Sedgwick, Frederick.)
- Seebach, Charles J. (See Roberts, William F., assignor.)
- Seebach, Fritz, Erkner, near Berlin, assignor to Bakelite Gesellschaft mit beschränkter Haftung, Berlin, Germany. Preparing air-drying lacquer from phenol-aldehyde condensation products. 2,044,859; June 23.
- Seebek, Howard D., Chicago, Ill., assignor to Armbrust Chain Company, Providence, R. I. Scarf holder. 2,042,807; June 2.
- Seebek, Howard D., Chicago, Ill., assignor to Armbrust Chain Company, Providence, R. I. Safety chain. 2,042,808; June 2.
- Seeburg, Noël M., Chicago, Ill. Timing mechanism. 2,038,963; Apr. 28.
- Seederer-Kohlbusch, Inc. (See Gattoni, John, assignor.)
- Seeger Refrigerator Company. (See Rehling, Clifford A., assignor.)
- Seeger Refrigerator Company. (See Seeger, W. G., and Ahrens, assignors.)
- Seeger, Walter G., and R. S. Ahrens, St. Paul, assignors to Seeger Refrigerator Company, St. Paul, Minn. Water cooler for refrigerators. 2,028,926; Jan. 28.
- Seeley, Eldridge E. (See Gregory, A. Y., and Seeley.)
- Seeley, Harold T., Lansdowne, Pa., assignor to General Electric Company. Electric control means. 2,031,509; Feb. 18.
- Seeley, Harold T., Yeadon, Pa., assignor to General Electric Company. Protective arrangement. 2,032,956; Mar. 3.
- Seeley, Stuart W., Jackson, Mich., and R. M. Planck, Peoria, Ill., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Quiet automatic volume control. 2,049,750; Aug. 4.
- Seelig, Alfred E., New York, N. Y. Multistage fan. 2,037,395; Apr. 14.
- Seelig, William F., and R. C. Wheeler, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Bubble tray and assembling same. 2,059,044; Oct. 27.
- Seely, Thomas H. (See Ballard, M. H., Bunker, Finn, Hardy, Seely, and Thomas.)
- Seelye, Howard P., Royal Oak, Mich. Electrical insulator. 2,050,898; Aug. 11.
- Seem, Warren P. (See Boadwee, R. K., and Seem.)
- Seem, Warren A. (See Hill, E. G., and Seem.)
- Seeman, Robert, Merrick, N. Y., and A. R. Wilson, Philadelphia, assignors to E. H. Pacy, Pittsburgh, Pa. Adjusting the length of structural members. 2,029,121; Jan. 28.
- Sefco, Inc. (See Flynt, Louis W. G., assignor.)
- Segal Founders Corporation. (See Segal, Hyman R., assignor.)
- Segal, Hyman R., New York, N. Y. Filter for pipes and cigar or cigarette holders. 2,033,867; Mar. 10.
- Segal, Hyman R., New York, N. Y. Cigarette case. 2,039,559; May 5.
- Segal, Hyman R., New York, N. Y. Cosmetic holding device. 2,039,560; May 5.
- Segal, Hyman R., assignor to Segal Founders Corporation, New York, N. Y. Safety razor. 2,037,180; Apr. 14.
- Segal, Isaac J., Malden, Mass. Lock. 2,034,359; Mar. 17.
- Segal, Samuel, New York, N. Y. Lock. 2,061,638; Nov. 24.
- Segall, Karl B. (See Beadle, Lynn C., assignor.)
- Segar, Lee, Troy, Pa. Handle. 2,029,199; Jan. 28.
- Segelin, David and S., Rochester, N. Y. Sewing a tape to a garment to form a crease therein. 2,054,762; Sept. 15.
- Segelin, Solomon. (See Segelin, David and S.)
- Segesemann, Ernest, Newark, assignor to National Oil Products Company, Harrison, N. J. Substituted sulphonic acids of high wetting, dispersing, and emulsifying power and producing the same. 2,054,140; Sept. 15.
- Segovia, Crispin B., New York, N. Y. Square auger. 2,043,778; June 9.
- Segur, Daniel K., West New Brighton, assignor to Doherty Research Company, New York, N. Y. Pressure gauge. 2,035,025; Mar. 24.
- Segura, Marnell, Jefferson Island, La., assignor to Jefferson Island Salt Mining Company, Louisville, Ky. Treating salt to prevent hardening or caking and resulting product. 2,056,540; Oct. 6.
- Seguy, Jean D., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Cracking hydrocarbon oils. 2,032,892; Mar. 3.
- Seguy, Jean D., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,037,933; Apr. 21.
- Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Treating hydrocarbons. 2,039,459; May 5.
- Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,049,473; Aug. 4.
- Seguy, Jean D., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oil. 2,050,467; Aug. 11.
- Seibel, Fritz, Essen, Germany, assignor to Kleinen- und Schranbenfabrik Steele Gesellschaft mit beschränkter Haftung. Chaplet or stud for use in foundry work. 2,063,198; Dec. 8.
- Seibel, Rudolf, Dusseldorf-Oberkassel, Germany. Beer clarifier. 2,039,839; May 5.
- Seiber, Andrew G., Louisville, assignor to Wood-Mosaic Co., Incorporated, Highland Park, Louisville, Ky. Method and apparatus for producing veneer wood. 2,044,230; June 16.
- Seiberling, Frank A., and C. A. Carlton, assignors to The Seiberling Rubber Company, Akron, Ohio. Vulcanizing tires. 2,032,508; Mar. 3.
- Seiberling Latex Products Company. (See Belton, Porter L., and O. L., assignors.)
- Seiberling Rubber Company, The. (See Seiberling, F. A., and Carlton, assignors.)
- Seiberling Rubber Company. (See Wells, Lee, assignor.)
- Seibold, Ernst. (See Rösle, H., and Seibold.)
- Seibold, Ernst, Heidenheim-on-the-Brenz, Württemberg, assignor to J. M. Voith, Heidenheim-on-the-Brenz, Germany. Rotary engine. 2,052,492; Aug. 25.
- Seibold, Paul F. (See Widman, C. H., Lindell, and Seibold.)
- Seibt, Max, Dresden, Germany. Check valve. 2,027,455; Jan. 14.
- Seid, Herman. (See Yaglou, Constantin P., assignor.)
- Seidel, Arnold, Berlin-Charlottenburg, Germany. Vaporizer for internal combustion engines. 2,039,353; May 5.
- Seidel, Arnold, Berlin-Charlottenburg, Germany. Heavy oil carburetor. 2,039,354; May 5.
- Seidel, Julius R., Breslau, Germany. Massage device. 2,057,396; Oct. 13.
- Seidenfaden, Wilhelm. (See Laska, L., and Zitscher, and Seidenfaden.)
- Seidenfaden, Wilhelm. (See Zitscher, A., and Seidenfaden.)
- Seidenwerk Spinnhutte Aktiengesellschaft. (See Wilke, Wilhelm, assignor.)
- Seidman, Solomon H., and F. I. Fischer, Brooklyn, N. Y. Hair drier. 2,048,143; July 21.
- Seifarth, Frederick G., assignor of one-half to Non-Parell Manufacturing Co., Chicago, Ill. Roller bearing. 2,036,507; Apr. 7.
- Seifert, Linda F., New York, N. Y. Refrigerator cabinet. 2,043,779; June 9.



- Seiferth, Hugo, Dusseldorf-Oberkassel, Germany. Rolling method. 2,027,293; Jan. 7.
- Seigle, William R., Mamaroneck, assignor to Johns-Manville Corporation, New York, N. Y. Vibration damping assembly and material. 2,057,251; Oct. 13.
- Seignol, Edouard, Neuilly-sur-Seine, France. Mileage counter for the hubs of vehicle wheels. 2,037,345; Apr. 14.
- Sekel, Willi. (See Höfer, G., and Seikel.)
- Seil, Gilbert E., Conshohocken, assignor to E. J. Lavino and Company, Philadelphia, Pa. Chromite material and making the same. 2,028,017; Jan. 14.
- Seil, Gilbert E., Conshohocken, assignor to E. J. Lavino and Company, Philadelphia, Pa. Chromite refractory materials. 2,028,018; Jan. 14.
- Seil, Gilbert E., Cynwyd, assignor to E. J. Lavino and Company, Philadelphia, Pa. Making chromite refractories. 2,037,600; Apr. 14.
- Seil, Gilbert E., Cynwyd, Pa. High temperature refractory cement. 2,042,363; May 26.
- Seil, Gilbert E., Cynwyd, assignor to E. J. Lavino and Company, Philadelphia, Pa. Making chromite refractories. 2,060,697; Nov. 10.
- Seip, Ervin G., Kalamazoo, Mich. Watch. 2,053,784; Sept. 8.
- Seipel, Harry C. and P. A. Yerger, Easton, Pa. Cup holder. 2,028,566; Jan. 21.
- Seippel, Claude, Ennetbaden, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Automatic regulating system for pressure-fired steam boilers and the like. 2,060,535; Nov. 10.
- Seitz, August W. (See Flaws, J., Jr., and Seitz.)
- Seitz, Charles, assignor, by mesne assignments, to The Bossert Company, Inc., Utica, N. Y. Metal barrel. 2,040,275; May 12.
- Seitz, Frederick, Albany, N. Y. Jacking apparatus for motor vehicles. 2,028,999; Jan. 28.
- Seitz, Joseph J., and E. K. Williams, Philadelphia, Pa., assignors to Mitchell Specialty Company. Door dovetail. 2,054,449; Sept. 15.
- Seitz, Joseph J., and E. K. Williams, Philadelphia, Pa., assignors to Mitchell Specialty Company. Door dovetail. 2,054,450; Sept. 15.
- Seitz, Ralph, Chicago, Ill. Aircraft safety apparatus. 2,047,496; July 14.
- Seitz-Werke G. m. b. H. (See Adams, Robert, assignor.)
- Sekella, Youston, Elmira Heights, assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 2,038,244; Apr. 21.
- Sekella, Youston, assignor to Eclipse Machine Company, Elmira, N. Y. Starter drive for internal combustion engines. 2,062,430; Dec. 1.
- Sekine, Ioji, Freeport, N. Y. Brush. 2,064,860; Dec. 22.
- Sekla, Josef. (See Fultner, J., Krivoshein, and Sekla.)
- Sekulski, Lee, assignor to Mathews Conveyer Company, Ellwood City, Pa. Apparatus for handling flat material. 2,058,729; Oct. 27.
- Sekyra, Charles J., Troy, Ohio, assignor of one-half to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,040,634; May 12.
- Selakosky, Wilson, White Haven, Pa. Automobile front wheel drive axle. 2,041,572; May 19.
- Selby Shoe Company, The. (See Griffin, Norval B., assignor.)
- Selby, William M. (See Ralston, A. W., Christensen, and Selby.)
- Selcer, Hubert F., Houston, Tex. Numbering machine. 2,048,035; July 21.
- Selectograph Company. (See Gollnick, P. A., and Emde, assignors.)
- Selényi, Paul, Budapest, assignor to Egyesult Izzolampa es Villamossagi Rt., Ujpest, Hungary. Discharge vessel and making same. 2,040,571; May 12.
- Self Lifting Piano Truck Company. (See Lea, Dudley L., assignor.)
- Self-Locking Carton Company. (See Burger, Martin, assignor.)
- Self-Locking Carton Co. (See Cox, John W., assignor.)
- Selig, Albert S., assignor to The Selig Company, Inc., Atlanta, Ga. Deodorant receptacle for urinals. 2,046,214; June 30.
- Selig Company, The. (See Selig, Albert S., assignor.)
- Seligman, David A., New York, N. Y. Window. 2,027,556; Jan. 14.
- Seligmann, Johannes, Kiel, Germany, assignor to Nederlandsche Technische Handel Maatschappij "Giro", The Hague, Netherlands. Gyroscope controlled apparatus. 2,047,922; July 14.
- Selke, William C. (See Binder, J., and Selke.)
- Sell, Edwin A., Belleville, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Eraser. 2,029,000; Jan. 28.
- Sella, Edward J., West New York, N. J. Receptacle closure. 2,037,093; Apr. 14.
- Sellander, Charles J., assignor of nineteen-twentieths to Electro Chemical Corp., and one-twentieth to Geo. Olson, Seattle, Wash. Method and mechanism to repair broken filaments within electric light globes. 2,034,960; Mar. 24.
- Sellar, Frederick, Mount Vernon, N. Y. Doctor's stool. 2,038,806; Apr. 28.
- Sellers, William H. (See Winkley, Erastus E., assignor.)
- Sellers, William, & Company. (See Benzon, George H., Jr., assignor.)
- Selley, Armour F., Brooklyn, N. Y. Model of airplane. 2,058,265; Oct. 20.
- Sellman, Robert W., Highland Park, assignor of one-fourth to B. G. Fletcher, Wyandotte, Mich. Resilient vehicle body suspension means. 2,045,028; June 23.
- Sellner, Erich, Wuppertal-Barmen, Germany, and F. Starck, Zurich, Switzerland, assignors to American Bemberg Corporation, New York, N. Y. Device for stretch spinning. 2,046,577; July 7.
- Sellwood, Richard M. (See Paul, Julius, assignor.)
- Selman, John L., El Paso, Tex. Combination feed sizer and cutter. 2,063,404; Dec. 8.
- Selquist, Rolf, McKeesport, assignor to Copperweld Steel Company, Glassport, Pa. Electrical conductor and making the same. 2,055,948; Sept. 29.
- Selquist, Rolf, McKeesport, and R. Overholt, Jr., and J. H. Gordon, Pittsburgh, assignors to Copperweld Steel Company, Glassport, Pa. Magnetic measurement. 2,033,654; Mar. 10.
- Selzer, Cora L., et al. (See Woodruff, Jacob W., assignor.)
- Seman, Agnes A., administratrix. (See Ames, Elmer U.)
- Semar, Louis, Anacortes, Wash. Tackle for releasable sinkers. 2,039,120; Apr. 28.
- Semenoff, Serge, Bronx, assignor to Ostro Research Laboratories, Inc., New York, N. Y. Purified amino phenol salt and process. 2,035,510; Mar. 31.
- Semet-Solvay Engineering Corporation. (See Angus, Leslie A., assignor.)
- Semet-Solvay Engineering Corporation. (See Elgaard, Lauritz, assignor.)
- Semet-Solvay Engineering Corporation. (See Hughes, Charles H., assignor.)
- Semet-Solvay Engineering Corporation. (See Lindhorst, William, assignor.)
- Semet-Solvay Engineering Corporation. (See McIntire, Charles V., assignor.)
- Semet-Solvay Engineering Corporation. (See Oliveros, Reginald P., assignor.)
- Semet-Solvay Engineering Corporation. (See Tiddy, William, assignor.)
- Semet-Solvay Engineering Corporation. (See Wingert, William B., assignor.)
- Semmes and Semmes. (See Barker, Maurice E., assignor.)
- Semmig, Rudolf. (See Persiel, H., Balle, Grom, and Semmig.)
- Semon, Waldo L., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making secondary aromatic amines. 2,029,642; Feb. 4.
- Semon, Waldo L., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and method of preserving rubber. 2,035,620; Mar. 31.
- Semon, Waldo L., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 2,037,932; Apr. 21.
- Semon, Waldo L., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of secondary amines. 2,041,782; May 26.
- Semon, Waldo L., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of aromatic dithiocarbamates. 2,046,884; July 7.
- Semon, Waldo L., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,048,822; July 28.
- Semon, Waldo L., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,048,823; July 28.
- Semon, Waldo L., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidants. 2,053,785; Sept. 8.
- Semon, Waldo L., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparing antioxidants. 2,061,779; Nov. 24.
- Semple, James McK., Mount Kisco, N. Y. Game device. 2,039,121; Apr. 28.
- Semrau, Hugo, Pittsburgh, Pa., assignor to Bacharach Industrial Instrument Company. Process and apparatus for analyzing gases. 2,052,946; Sept. 1.
- Senderman, Bernard, San Francisco, Calif. Saddle tree. 2,037,275; Apr. 14.
- Seneca Falls Machine Company. (See Smith, E. R., and Schinkez, assignors.)
- Senese, Martin, Detroit, Mich. Beverage cooling and dispensing apparatus. 2,041,026; May 19.
- Senft, Valentine, Columbus, Ohio. Grapefruit core remover. 2,036,365; Apr. 7.
- Seng Company, The. (See Fox, Martin, assignor.)
- Sengebusch, Hans, Villa Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Switch mechanism. 2,052,059; Aug. 25.
- Sengebusch, Hans, Villa Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Hand telephone. 2,059,714; Nov. 3.
- Senger, Werner I., assignor to Gisholt Machine Company, Madison, Wis. Transmission and control mechanism. 2,054,141; Sept. 15.
- Seniff, Russell W. (See Carrick, O. W., and Seniff.)
- Senkel, Richard, and E. Dueball, Berlin, Germany. Machine for reading perforated cards. 2,035,725; Mar. 31.
- Senn, Emil, assignor to the firm of J. R. Geigy S. A., Basel, Switzerland. Dinitroindazol dyestuffs for wool. 2,046,432; July 7.



- Senn, Emil, assignor to J. R. Geigy S. A., Basel, Switzerland. Dinitroindazol-dyestuffs for wool and making same. 2,047,435; July 14.
- Senn, Emil, Riehen, near Basel, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Dyeing leather. 2,058,183; Oct. 20.
- Senner, Arthur H., Baltimore, Md., dedicated to the free use of the Public. Attachment for heating apparatus. 2,060,348; Nov. 10.
- Sensaud de Lavaud, Dimitri, S. Paris, France. Disk differential gear. 2,060,558; Nov. 10.
- Sensibar, Jacob R., Chicago, Ill. Dredging apparatus. 2,031,388; Feb. 18.
- Sensibar, Jacob R., Chicago, Ill. Handling sand. 2,035,199; Mar. 24.
- Sentman, William C., assignor of one-half to O. G. Reiman, Kellogg, Idaho. Bottle cap. 2,061,214; Nov. 17.
- Sentry Safety Control Corporation. (See De Luca, Joseph, assignor.)
- Senz, Nichols H., Portland, Oreg. Scarifier. 2,042,196; May 26.
- Sera, Shinichi, Los Angeles, Calif. Vacuum pump 2,049,872; Aug. 4.
- Seraphin, Theophilus A., Philadelphia, Pa. Field stand-ard for testing liquid measuring devices. 2,031,230; Feb. 18.
- Serbinsky, Adam J. (See Riley, John, assignor.)
- Serge, Igor B., Rochester, N. Y. Magnetic circuit and construction thereof. 2,029,282; Jan. 28.
- Sergeson, Allan M., Philadelphia, and D. B. Meehan, Aston Mills, Pa. Yarn tension for automatic shuttles. 2,028,692; Jan. 21.
- Serice, Vincent, Baldwin, La. Animal trap. 2,047,892; July 14.
- Serisky, Harry, Brooklyn, N. Y. Baby carriage. 2,030,407; Feb. 11.
- Serisky, Harry, Brooklyn, N. Y. Concealed top. 2,034,212; Mar. 17.
- Serpas, Ralph J., Minneapolis, Minn. Combination incinerator and evaporator. 2,064,953; Dec. 22.
- Serra, Narciso, Cornella (Barcelona) Spain, assignor to Compania Anonima Static, Barcelona, Spain. Carding machine. 2,049,827; Aug. 4.
- Serrano, Edmundo H., assignor to L. J. Serrano, St. Louis, Mo. Tennis practice machine. 2,057,599; Oct. 13.
- Serrano, Luella J. (See Serrano, Edmundo H., assignor.)
- Serrell, John A., Passagrille, Fla., assignor to Warren Webster & Company, Camden, N. J. Remote control apparatus. 2,040,447; May 12.
- Serrell, John A., Pass-a-Grille, Fla., assignor to Warren Webster & Company, Camden, N. J. Heating system. 2,047,803; July 14.
- Serrell, John A., Passagrille, Fla., assignor to Webster Tallmadge & Company Inc., East Orange, N. J. Wind controlled heating system. 2,060,251; Nov. 10.
- Serrington, William B., Boston, Mass. Fabric and making the same. 2,055,019; Sept. 22.
- Serrurier, Iwan, Los Angeles, Calif. Film rewinder. 2,062,016; Nov. 24.
- Servanton, Jacques, and J. M. Consaël, Paris, France. Telephone call apparatus. 2,032,229; Feb. 25.
- Servel, Inc. (See Andersson, S. W. E. and Hainsworth, assignors.)
- Servel, Inc. (See Bäckström, Sigurd M., assignor.)
- Servel, Inc. (See Bergholm, Harry K., assignor.)
- Servel, Inc. (See Collins, William D., assignor.)
- Servel, Inc. (See Dowell, Alvis Y., assignor.)
- Servel, Inc. (See Forsberg, Erik A., assignor.)
- Servel, Inc. (See Hainsworth, William R., assignor.)
- Servel, Inc. (See Hedlund, William T., assignor.)
- Servel, Inc. (See Heim, Roy A., assignor.)
- Servel, Inc. (See Knight, Donald B., assignor.)
- Servel, Inc. (See Kögel, Wilhelm, assignor.)
- Servel, Inc. (See Kögel, W. G., and Widell.)
- Servel, Inc. (See Kohler, Peter, assignor.)
- Servel, Inc. (See Munters, Carl G., assignor.)
- Servel, Inc. (See Nauert, Carl H., assignor.)
- Servel, Inc. (See Nave, Alfred E., assignor.)
- Servel, Inc. (See Peltier, Frank D., assignor.)
- Servel, Inc. (See Pleasant, Herman E., assignor.)
- Servel, Inc. (See Ploeger, Clyde E.)
- Servel, Inc. (See Shagaloff, Harry C., assignor.)
- Servel, Inc. (See Shipman, Bennet C., assignor.)
- Servel, Inc. (See Smith, Albert C., assignor.)
- Servel, Inc. (See Springfield, V. H., and Ellis, assignors.)
- Servel, Inc. (See Thomas, Albert R., assignor.)
- Servel, Inc. (See Ulstrand, Hugo M., assignor.)
- Servel, Inc. (See Wenander, Erik, assignor.)
- Service Equipment Company. (See Farley, G. E., and Koester, assignors.)
- Service Recorder Company, The. (See Cool, Henry R., assignor.)
- Servis Equipment Company. (See Jarmin, James B., assignor.)
- Sessa, Joseph S., Rutherford, N. J. Finger ring. 2,055,315; Sept. 22.
- Sessions, Alwyn C., New Brunswick, N. J., assignor to California Spray-Chemical Corporation, Berkeley, Calif. Copper fungicides. 2,051,910; Aug. 25.
- Sessions, Donald W., Willesden, London, England. Fluid pressure operated lifting jack. 2,065,030; Dec. 22.
- Sessions, Frank L., Lakewood, Ohio. Apparatus for electric welding. 2,029,594; Feb. 4.
- Sessions, Royal L. (See Mitchell, T. A., and Sessions.)
- Sessions, Royal L., assignor to Hughes-Mitchell Processes, Incorporated, Denver, Colo. Chloridizing ore materials. 2,055,613; Sept. 29.
- Settegast, Bernhard, and W. Rudolph, assignors to Echo-meter Gesellschaft mit beschränkter Haftung, Kiel, Germany. Arrangement for the direct indication of time periods, especially for echo sounding. 2,032,893; Mar. 3.
- Settle, Samuel B., and H. A. Johnson, assignors to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Substructure for oil well derricks. 2,028,019; Jan. 14.
- Sévellec, Eugène C., Neuilly-sur-Seine, France. Mechanical underfeed stoker. 2,034,448; Mar. 17.
- Severance, Spencer W., and J. W. Kessler, Pittsfield, Mass., assignors to General Electric Company. Contact pin for vacuum tubes and method of molding. 2,040,674; May 12.
- Severin, Jose. (See Roeckner, M., and Severin.)
- Severn, Segna R., Sunnyside, N. Y. Applying hair bleach. 2,058,040; Oct. 20.
- Seversky Aero Corporation. (See Procoffeff-Seversky, Alexander, assignor.)
- Severson, Ole, Shelton, Conn., assignor to The Apex Tool & Cutter Company, Inc. Offset side supported tool holder. 2,031,334; Feb. 18.
- Severson, Ole, Shelton, Conn., assignor to The Apex Tool & Cutter Company, Inc. Tool bit and holder therefor. 2,037,346; Apr. 14.
- Severson, Ole, Shelton, Conn., assignor to The Apex Tool & Cutter Company, Inc. Bit and tool holder. 2,063,128; Dec. 8.
- Severson, Ole, Shelton, Conn., assignor to The Apex Tool & Company, Inc. Drawbolt tool holder and bit. 2,063,129; Dec. 8.
- Severus, Julius, Downers Grove, assignor to C. A. Myers Company, Chicago, Ill. Combination sewing awl and marker. 2,060,349; Nov. 10.
- Severy, Melvin L., assignor to The Vocalsevro Company, Los Angeles, Calif. Musical instrument. 2,045,877; June 30.
- Severy, Melvin L., assignor to The Vocalsevro Company, Los Angeles, Calif. Musical instrument. 2,045,878; June 30.
- Severy, Victor H., Los Angeles, Calif., assignor, by mesne assignments, to Creative Industries, Inc. Split phase impulser for musical instruments. 2,030,230; Feb. 11.
- Severy, Victor H., Los Angeles, Calif., assignor to Creative Industries, Inc. Harmonic control means. 2,049,084; July 28.
- Seving, Franz W., A. Bergqvist, and K. E. Olsson, assignors to Kooperativa Förbundet Forening u. p. a., Stockholm, Sweden. Insulation. 2,029,679; Feb. 4.
- Sevison, Harry D., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Sash guide. 2,037,934; Apr. 21.
- Sewall, Arthur C., Auburn, Maine. Insole and method of and material for making the same. 2,065,405; Dec. 22.
- Sewell, Charles W., assignor to D. Napier & Son Limited, London, England. Brake mechanism. 2,041,268; May 19.
- Sewell, Henry R., Jamaica Plain, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Air conditioning apparatus. 2,058,919; Oct. 27.
- Sewick, Frank, assignor to The Chicago Daily News, Inc., Chicago, Ill. Controlling delivery fan. 2,031,136; Feb. 18.
- Sexton, Arthur F., Ashton-under-Lyne, assignor to Universal Rubber Paviers Limited, Audenshaw, near Manchester, England. Manufacture of concrete blocks and the like. 2,037,545; Apr. 14.
- Sexton, August H., assignor to Superior Cement Corporation, Portsmouth, Ohio. Concrete building block molding machine. 2,062,767; Dec. 1.
- Sexton, Everett P., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Unloader governor device. 2,065,199; Dec. 22.
- Sexton, J. R., Incorporated. (See Sexton, J. R., and Vivari, assignors.)
- Sexton, John R., and J. A. Vivari, assignors to J. R. Sexton Incorporated, Meriden, Conn. Ornamental ribbon. 2,059,285; Nov. 3.
- Sexton, Roy W., Wytheville, Va., assignor to Parfek, Inc. Ornamental fabric and method of production. 2,062,336; Dec. 1.
- Sexton, Wilfred A. (See Coffey, S., and Sexton.)
- Sexton, Wilfred A. (See Coffey, S., Lapworth, and Sexton.)
- Sexton, Wilfred A. (See Goldstein, R. F., and Sexton.)
- Sexton, Wilfred A. (See Knight, A. H., and Sexton.)
- Sexton, Wilfred A., Huddersfield, England, assignor to Imperial Chemical Industries Limited. Arylamides of 2,3-hydroxynaphthoic acids. 2,029,509; Feb. 4.
- Sexton, Wilfred A., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Azo dyes and their production. 2,052,424; Aug. 25.
- Sexton, Wilfred A., Blackley, England, assignor to Imperial Chemical Industries Limited. Derivatives of hydroquinone. 2,056,299; Oct. 6.
- Sexton, Wilfred A., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Azo dyes and their production. 2,057,063; Oct. 13.
- Seybold, Frederick W. (See Lewis, H. I., and Seybold.)
- Seybold, Frederick W., Westfield, N. J. Transmission. 2,037,153; Apr. 14.



- Seybold, Frederick W., and H. I. Lewis, Westfield, N. J., assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Automatic spacer. 2,053,499; Sept. 8.
- Seydel, Robert. (See Hermann, T., Seydel, and Retter.)
- Seyfert, Stanley S., Bethlehem, Pa., assignor to Lehigh University. Synchronous mechanical rectifier-inverter and its operation. 2,041,302; May 19.
- Seyfert, Stanley S., Bethlehem, Pa., assignor to Lehigh University. Converting alternating and direct currents one into the other. 2,063,701; Dec. 8.
- Seyferth, Carl G., assignor to West Michigan Steel Foundry Co., Muskegon, Mich. Fifth wheel construction. 2,063,405; Dec. 8.
- Seyforth, Rome C., Lowell, Mich. Dash pot. 2,052,727; Sept. 1.
- Seyfried, Arthur W., Cleveland Heights, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Motor bearing plate. 2,032,552; Mar. 3.
- Seyfried, Arthur W., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Oil system for bearings. 2,053,848; Sept. 8.
- Seyfried, Warren R., Birmingham, Ala. Digesting phosphate rock. 2,061,639; Nov. 24.
- Seyler, John T., assignor to Seyler Manufacturing Company, Pittsburgh, Pa. Lamp hanger. 2,054,886; Sept. 22.
- Seyler, John T., assignor to Seyler Manufacturing Company, Pittsburgh, Pa. End fitting for mast arms. 2,054,887; Sept. 22.
- Seyler Manufacturing Company. (See Lundell, Elmer W., assignor.)
- Seyler Manufacturing Company. (See Seyler, John T., assignor.)
- Seymour, Arthur C., Frankfort, assignor to Remington Rand Inc., Buffalo, N. Y. Computing machine. 2,048,568; July 21.
- Seymour, Charles, Little Rock, Ark. Exhaust nozzle. 2,047,893; July 14.
- Seymour, Edward A., Grand Rapids, Mich. Valve structure. 2,059,045; Oct. 27.
- Seymour, George W. (See Blake, G. R., and Seymour.)
- Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Cellulose derivative solvents. 2,031,619; Feb. 25.
- Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Derivative of cellulose solvent and employing the same. 2,036,303; Apr. 7.
- Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Formal of aliphatic partial ethers of polyhydric alcohols and making the same. 2,036,304; Apr. 7.
- Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Synthetic resin. 2,038,764; Apr. 28.
- Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Oxidized oil for artificial textile materials. 2,041,729; May 26.
- Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Producing a synthetic resin. 2,041,783; May 26.
- Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Manufacture of organic derivatives of cellulose. 2,064,226; Dec. 15.
- Seymour, James M., Newark, N. J. Temperature modifier for protecting growing crops. 2,041,969; May 26.
- Seymour, Lynn L., assignor to The National Manufacturing Co., Kansas City, Mo. Cutter for paper tubes. 2,050,768; Aug. 11.
- Seymour, Merrill W., assignor to Eastman Kodak Company, Rochester, N. Y. Light-sensitive photographic element. 2,043,905; June 9.
- Seymour, Merrill W., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Making a colored photographic image. 2,063,348; Dec. 8.
- Seymour & Peck Co. (See Arnold, Charles B., assignor.)
- Seymour & Peck Company. (See Schmidtke, Albert H., assignor.)
- Sgro, Salvatore. (See Bongiovanni, Antonio, assignor.)
- Sgro, Salvatore. (See Bongiovanni, A., and Sgro.)
- Sgonina, Carl, Henderson, Ky. Insecticide and making same. 2,037,276; Apr. 14.
- Shackford, Earl W., Cambridge, and A. W. Ingalls, Lynn, Mass. Sleet and mist eliminating device for windshields. 2,064,498; Dec. 15.
- Shackleton, Samuel P. (See Morehouse, L. F., and Shackleton.)
- Shadbolt, Frederick S., Darwen, Lancashire, assignor to The Walpamur Company, Limited, London, England. Manufacture of conversion products of rubber and of chlorinated and brominated products thereof. 2,052,672; Sept. 1.
- Shadrick, Richard H. (See McElroy, I. E., and Shadrick.)
- Shaeffer, George D., Bucyrus, Ohio. Slide rule. 2,061,853; Nov. 24.
- Shafer, Abraham S., Philadelphia, Pa. Auxiliary compartment for refrigerator doors. 2,045,879; June 30.
- Shafer, Ira, San Diego, Calif. Bag opening machine. 2,045,678; June 30.
- Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,062,682; Dec. 1.
- Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck with brake mechanism. 2,065,200; Dec. 22.
- Shafer, Julius E., Fort Wayne, Ind. Bearing. 2,033,156; Mar. 10.
- Shafer, Julius E., Chicago, Ill. Car wheel journal bearing. 2,039,351; May 5.
- Shafer, Lewis W., Cincinnati, Ohio. Copy holder. 2,049,873; Aug. 4.
- Shafer, Lincoln M. (See Crossley, M. L., and Shafer.)
- Shafer, Samuel, Jr. (See Miller, A. E., and Shafer.)
- Shafer, Samuel, Jr., assignor to Chain Belt Company, Milwaukee, Wis. Sludge removing apparatus. 2,028,094; Jan. 14.
- Shaffer, Aaron, Saginaw, Mich. Convertible tool. 2,040,713; May 12.
- Shaffer, Charles A., Allegan, Mich. Display container. 2,030,546; Feb. 11.
- Shaffer, Ernest L., Vinton, Iowa. Swinging door mechanism. 2,029,200; Jan. 28.
- Shaffer, Ernest L., Vinton, Iowa. Swinging door mechanism. 2,029,201; Jan. 28.
- Shaffer, Frank W., Georgetown, Pa. Clamping an inner form in an end part of a pipe. 2,037,935; Apr. 21.
- Shaffer, Frederick S., Cincinnati, Ohio. Garment hanger. 2,042,240; May 26.
- Shaffer, Hosea, Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Mold aligning apparatus. 2,031,739; Feb. 25.
- Shaffer, J. E., Company, The. (See Livingston, Charlie M., assignor.)
- Shaffer, John C., and R. E. Lee, Coleman; said R. E. Lee, assignor to M. L. Shaffer, Corpus Christi, Tex. Well pump. 2,065,541; Dec. 29.
- Shaffer, Lloyd R. (See Pfaff, H. E., Shaffer, and Metherell.)
- Shaffer, Margaret L. (See Shaffer, J. C., and Lee, assignor.)
- Shaffer, William D., and F. J. Schweitzer, Brea, Calif. Floating block gate ram. 2,060,252; Nov. 10.
- Shafor, Ralph W. (See Miller, A. L., Shafor, and Darby.)
- Shafor, Ralph W. (See Weber, W. C., Shafor, and Roberts.)
- Shagalloff, Harry C., Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigerating system. 2,045,204; June 23.
- Shagalloff, Harry C., Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,045,205; June 23.
- Shagrin, Seymour. (See Stewart, E. M., and Shagrin.)
- Shahan, Frank L., Phoenix, Ariz. Heat filter device. 2,038,765; Apr. 28.
- Shahu, Ram S., Fatehgarh, British India. Combined luggage carrier and seat. 2,039,939; May 5.
- Shake-Back Corporation, The. (See McHugh, Frank J., assignor.)
- Shakespeare Company. (See Balz, William G., assignor.)
- Shakespeare Company. (See Burdick, Frank, assignor.)
- Shakespeare Company. (See Shakespeare, Monroe, assignor.)
- Shakespeare Company. (See Shakespeare, William, Jr., assignor.)
- Shakespeare, Monroe, assignor to Shakespeare Company, Kalamazoo, Mich. Fishing reel. 2,042,737; June 2.
- Shakespeare, William, Jr., assignor to Shakespeare Company, Kalamazoo, Mich. Fishing reel. 2,035,279; Mar. 24.
- Shaler Company, The. (See Engstrom, Ernest P., assignor.)
- Shaler, Saul, Jackson Heights, assignor to Bredsdick, Inc., New York, N. Y. Tweezers. 2,049,520 Aug. 4.
- Shaler, William T., Silver Creek, N. Y. Vibrator. 2,059,754; Nov. 3.
- Shambow, John C., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for use in covering heels. 2,050,388; Aug. 11.
- Shambow, John C., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for use in covering heels. 2,063,956; Dec. 15.
- Shambow Shuttle Company. (See Hampson, Walter, assignor.)
- Shambow Shuttle Company. (See Nova, Herman, assignor.)
- Shanabrough, Samuel J. (See Anderson, E. M., and Shanabrough.)
- Shane, William, Paterson, and F. W. Smith, Teaneck, N. J., assignors to The Superheater Company, New York, N. Y. Superheater header. 2,058,041; Oct. 20.
- Shaner, Edgar M. (See Smith, Robert L., assignor.)
- Shank, Claude, assignor of one-half to J. R. Bruce, Goshen, Ind. Brake rod cushion. 2,064,692; Dec. 15.
- Shanley, William C., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Plumbing system. 2,056,807; Oct. 6.
- Shann, Oscar A. (See Mills, P. E., and Shann.)
- Shann, Oscar A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Lock. 2,028,171; Jan. 21.
- Shann, Oscar A., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collector. 2,035,280; Mar. 24.
- Shann, Oscar A., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Lock. 2,038,201; Apr. 21.
- Shann, Oscar A., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Recording mechanism. 2,064,274; Dec. 15.



- Shannon, Arthur E., Columbus, Ohio. Golf shoe anchor. 2,032,596; Mar. 3.
- Shannon, Charles R., Harlan, assignor of one-half to T. R. Creech, Twila, Ky. Cleaning device. 2,047,231; July 14.
- Shannon, Ellwood M., Bala, Pa. Roller bearing trailer truck. 2,038,610; Apr. 28.
- Shannon, Gaylord W. (See Davidson, G. A., Liddell, Hine, and Shannon.)
- Shannon, Ray A., Kansas City, Mo. Piano keyboard chart. 2,028,809; Jan. 28.
- Shanon, Edgar E., assignor to The Petroleum Iron Works Co. of Ohio, Sharon, Pa. Sealing containers against leakage and tampering. 2,028,107; Jan. 14.
- Shanor, George M., Vernon, Tex., assignor to Phillips Petroleum Company, Bartlesville, Okla. Wellhole sampler. 2,032,509; Mar. 3.
- Shapard, Henry L., Missoula, Mont. Temperature generating and control system. 2,041,573; May 19.
- Shapera, Solomon, Mamaroneck, N. Y. Automobile bumper. 2,063,763; Dec. 8.
- Shapiro, David H., Montreal, Quebec, Canada. Folding box. 2,047,804; July 14.
- Shapiro, David H., Montreal, Quebec, Canada. Egg carton. 2,058,638; Oct. 27.
- Shapiro, Isaac, et al. (See Balton, James, assignor.)
- Shapiro, Joseph et al. (See Balton, James, assignor.)
- Shapiro, Joseph. (See Kniesche, Harry F., assignor.)
- Shapiro, Lillian, assignor, by mesne assignments, to Columbia Plush & Puff Co. Inc., Brooklyn, N. Y. Closure. 2,034,060; Mar. 17.
- Shapiro, Louis. (See Lee, Harry G., assignor.)
- Shapiro, Nathan, et al. (See Balton, James, assignor.)
- Shapiro, Samuel, et al. (See Balton, James, assignor.)
- Shapiro, Samuel, New York, N. Y. Waistband for trousers. 2,046,974; July 7.
- Shapleigh Hardware Company. (See Stoughton, Dillis H., assignor.)
- Sharkey, William E., assignor to The Raymond Bag Company, Middletown, Ohio. Method and apparatus for making bags. 2,027,205; Jan. 7.
- Sharkey, William E., assignor to The Raymond Bag Company, Middletown, Ohio. Bag supporting device. 2,039,561; May 5.
- Sharkey, William E., assignor to The Raymond Bag Company, Middletown, Ohio. Pasting mechanism. 2,047,894; July 14.
- Sharkey, William E., Middletown, and R. S. Thompson, Hamilton, assignors to The Raymond Bag Company, Middletown, Ohio. Compensating device for web feeding machines. 2,038,452; Apr. 21.
- Sharma, Jagan N., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Preventing decay. 2,054,392; Sept. 15.
- Sharon, Hugh A., South Pasadena, Calif. Quick acting hose connector. 2,052,038; Aug. 25.
- Sharon Steel Corporation. (See Hughes, J. M., Carter, and Reagle, assignors.)
- Sharp, Bayard. (See Hess, C. W., and Sharp.)
- Sharp & Dohme, Incorporated. (See Daughenbaugh, Paul J., assignor.)
- Sharp & Dohme, Incorporated. (See Johnson, Treat B., assignor.)
- Sharp & Dohme, Incorporated. (See Reichel, John, assignor.)
- Sharp, Donald E., assignor to Bailey & Sharp, Co. Inc., Hamburg, N. Y. Reflector. 2,057,395; Oct. 13.
- Sharp, Donald E., and J. Bailey, Hamburg, assignors to Mississippi Glass Company, New York, N. Y. Heat absorbing glass. 2,034,994; Mar. 24.
- Sharp, Frederick L., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Seed disinfectant. 2,034,449; Mar. 17.
- Sharp, Hubert C., assignor to Saticoy Walnut Growers Association, Saticoy, Calif. Sorting and polishing device. 2,057,849; Oct. 20.
- Sharp, John A., Marshall, Tex. Automatic release valve. 2,028,693; Jan. 21.
- Sharp, John A., Marshall, Tex. Pressure release. 2,051,276; Aug. 18.
- Sharp, John C., Oak Park, assignor to Edison General Electric Appliance Company, Chicago, Ill. Electric heater. 2,034,539; Mar. 17.
- Sharp, John C., Oak Park, assignor to Edison General Electric Appliance Company, Chicago, Ill. Electrical heating system. 2,064,634; Dec. 15.
- Sharp, John H. (See Anderson, Harley E., assignor.)
- Sharp, Jonathan, assignor to The Brown Instrument Company, Philadelphia, Pa. Hygrometer. 2,034,884; Mar. 24.
- Sharp, L. Alan, Bellevue, Pa., assignor to Wm. L. Grimes, Winston-Salem, N. C. Supervisory apparatus. 2,063,349; Dec. 8.
- Sharp, Lewis. (See Whitlock, R. G., and Sharp.)
- Sharp, Minnie E., executrix. (See Anderson, Harley E.)
- Sharp, Minnie E., executrix. (See Sharp, William E.)
- Sharp, Richard A., assignor to Milwaukee Reliance Boiler Works, Milwaukee, Wis. Heat exchanger. 2,055,949; Sept. 29.
- Sharp, Robert E. B., Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Sealable adjustable blade hydraulic machine. 2,054,142; Sept. 15.
- Sharp, William E. (See Anderson, Harley E., assignor.)
- Sharp, William E., deceased, by M. E. Sharp, executrix, Chicago, Ill. Lock nut and method of making. 2,054,393; Sept. 15.
- Sharpe, Ira G., Liberty Center, Ohio, assignor to The Kraut Machinery Corporation, Pittsburgh, Pa. Cabbage coring device. 2,036,779; Apr. 7.
- Sharpe, John S., Haverford, Pa. Transmission mechanism. 2,045,495; June 23.
- Sharpe, Louis, assignor to Franklin Brass Mfg. Company, Chicago, Ill. Attaching means for wall fixtures and the like. 2,052,805; Sept. 1.
- Sharpe Manufacturing Company. (See Hulse, Arthur F., assignor.)
- Sharpe, Thomas W., Austin, Tex. Door operating device. 2,032,724; Mar. 3.
- Sharples Solvents Corporation, The. (See Clark, Lee H., assignor.)
- Sharples Solvents Corporation, The. (See Lee, William McC., assignor.)
- Sharples Solvents Corporation, The. (See Lee, W. M., and Clark, assignors.)
- Sharples Solvents Corporation, The. (See Olin, John F., assignor.)
- Sharples Solvents Corporation, The. (See Thomas, C. A., and Olin, assignors.)
- Sharples Specialty Company, The. (See Ayres, Arthur U., assignor.)
- Sharples Specialty Company, The. (See Brewer, Nathaniel, assignor.)
- Sharples Specialty Company, The. (See James, Edward M., assignor.)
- Sharples Specialty Company, The. (See Jones, Leo D., assignor.)
- Sharples Specialty Company, The. (See Scott, Ashton T., assignor.)
- Sharpnack, George, Lincoln, Nebr. Combined microphone stand and amplifier. 2,042,738; June 2.
- Sharrow, Percy A., Windsor, Ontario, Canada. Pencil. 2,055,316; Sept. 22.
- Shastock, Louis W., Cleveland, Ohio. Automatic tube adjuster for telescoping tubes. 2,051,969; Aug. 25.
- Shattow, Emil E., Chicago, Ill. Drawing ink bottle holder. 2,061,108; Nov. 17.
- Shattuck, Orville F., Indianapolis, Ind. Dairy stall construction. 2,046,585; July 7.
- Shattuck, Owen M., and M. E. Fulk, Philo, Ohio, said Shattuck, assignor to said Fulk. Electric oscillator. 2,031,076; Feb. 18.
- Shaver, Burr, et al. (See Wagner, Walter C., assignor.)
- Shaver, Burr H. (See Johnson, Lynn E., and J. K., and Shaver.)
- Shaver, Milton E. (See Blomberg, M. P., and Shaver.)
- Shaver, Walter G., Bellerose Manor, and J. C. Farner, Elmont, N. Y. Fuel vapor and air mixer. 2,064,693; Dec. 15.
- Shaver, William W., assignor to Corning Glass Works, Corning, N. Y. Glass tempering method. 2,052,254; Aug. 25.
- Shaw, Albert L., Corinne, Utah. Picture frame. 2,044,125; June 16.
- Shaw, Burton E., Adel, assignor to Penn Electric Switch Co., Des Moines, Iowa. Selector for control clocks. 2,060,639; Nov. 10.
- Shaw, Cecil, Grangemouth, Scotland, assignor to Imperial Chemical Industries Limited. Dianthraquinonyl dicarboxylic acids and preparing the same. 2,063,634; Dec. 8.
- Shaw, Charles P., assignor to Detroit Moulding Corporation, Detroit, Mich. Ink thinner or vehicle. 2,043,397; June 9.
- Shaw, Charles P., assignor to Detroit Moulding Corporation, Detroit, Mich. Making intaglio printing plates. 2,060,640; Nov. 10.
- Shaw, Charles P., assignor to Detroit Moulding Corporation, Detroit, Mich. Finishing garnish moldings. 2,060,641; Nov. 10.
- Shaw, Christian, P., and A. C. Waldvogel, St. Louis, assignors to Kriss Kross Corporation, St. Louis, Mo. Cigarette case. 2,055,052; Sept. 22.
- Shaw, Edward T., Pittsfield, Mass. Power transmission mechanism. 2,046,346; July 7.
- Shaw, Harold S., Grand Rapids, Mich. Tanning leather. 2,049,547; Aug. 4.
- Shaw, John L., Crouch End, London, England. Shirt. 2,028,810; Jan. 28.
- Shaw, Joseph A., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Separation and purification of gaseous mixtures. 2,028,124; Jan. 14.
- Shaw, Joseph A., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Obtaining hydrogen sulphide. 2,028,125; Jan. 14.
- Shaw, Kenneth R., assignor to United Elastic Corporation, Easthampton, Mass. Cordage and making same. 2,051,316; Aug. 18.
- Shaw, Louis E., East Orange, N. J., assignor to Ad Art Craft, Inc. Display device. 2,036,780; Apr. 7.
- Shaw, Robert D., assignor to Pratt & Whitney Company, Hartford, Conn. Automatic electrically operated lathe for multiple diameter turning. 2,032,598; Mar. 3.
- Shaw, Robert D., assignor to Pratt & Whitney Company, Hartford, Conn. Automatic lathe. 2,032,597; Mar. 3.
- Shaw, Thomas, Greenwood, R. I. Rack or supporting structure. 2,046,095; June 30.
- Shaw-Walker Co., The. (See Hunter, David E., assignor.)



- Shaw, Wesley J., Haverhill, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Concaving machine. 2,057,747; Oct. 20.
- Shaw, William. (See Curley, R. S., and Shaw.)
- Shaw, William. (See Rowbotham, T., and Shaw.)
- Shaw, William B., Providence, R. I. Windshield wiper. 2,063,055; Dec. 8.
- Shaw, William H., Mimico, Ontario, and J. J. Moriarty, Toronto, Ontario, Canada, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Paper container. 2,046,975; July 7.
- Shawinigan Chemicals Limited. (See Matheson, Howard W., assignor.)
- Shawnee Manufacturing Company. (See Haub, George R., assignor.)
- Shawmont Corporation. (See Lamont, Robert P., assignor.)
- Shay, Edgar, Pleasant Ridge, assignor to Chrysler Corporation, Detroit, Mich. Vehicle spring mounting. 2,052,039; Aug. 25.
- Shay, William T., Pekin, Ill. Flying decoy. 2,028,849; Jan. 28.
- Shea, Timothy E. (See Elmer, L. A., and Shea.)
- Sheaff, Edmund H., Merrick, N. Y., assignor to National Lead Company, Jersey City, N. J. Copper seam. 2,055,614; Sept. 29.
- Sheard, Charles, A. H. Sanford, and D. A. Rogers, Rochester, Minn. Photometer. 2,051,317; Aug. 18.
- Shearer, Harry T., Waynesboro, Pa., assignor to Automatic Machine Manufacturing Company, Baltimore, Md. Automatic shoe polishing machine. 2,060,384; Nov. 10.
- Shearwood, Frederick P., assignor to Dominion Bridge Company, Limited, Montreal, Quebec, Canada. Cable anchor. 2,040,572; May 12.
- Shebat, Herbert V., Little Falls, N. J., assignor, by mesne assignments, to The Reed Propeller Co., Inc., Garden City, N. Y. Muffler. 2,034,119; Mar. 17.
- Sheboygan Chair Company. (See Braasch, Frederick W., assignor.)
- Sheboygan Machine Company. (See Kummer, Charles J., assignor.)
- Shedd, Claude K., and E. V. Collins, Ames, Iowa, dedicated to the Free Use of the Public. Attachment for lister planters. 2,029,680; Feb. 4.
- Sheedy, Frank T., Burlingame, and L. Traung, assignors to The Traung Company, San Francisco, Calif. Rotary varnishing press. 2,053,582; Sept. 8.
- Sheehan, John R., et al. (See Reynolds, William H., assignor.)
- Sheehan, William M. (See Pfleger, H. M., Hallquist, and Sheehan.)
- Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway car structure. 2,032,186; Feb. 25.
- Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Locomotive tender stoker structure. 2,058,730; Oct. 27.
- Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Car structure. 2,063,056; Dec. 8.
- Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Car. 2,063,057; Dec. 8.
- Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Vehicle end construction. 2,063,058; Dec. 8.
- Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Mine car. 2,063,059; Dec. 8.
- Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Draft and buffing device. 2,065,616; Dec. 29.
- Sheeley, William F., assignor of one-half to G. Davison, Galesburg, Ill. Casket handle. 2,037,277; Apr. 14.
- Sheely, Madison L., Des Plaines, assignor to Armour and Company, Chicago, Ill. Preparing color-stable fatty acids. 2,062,837; Dec. 1.
- Sheet Polarizer Company. (See Land, Edwin H., assignor.)
- Sheets, Barton R., assignor to Garnder-Denver Company, Denver, Colo. Ore loading machine. 2,059,660; Nov. 3.
- Sheets, William J., Sr., Bloomingdale, N. J. Narrow ware shuttle. 2,045,314; June 23.
- Sheetz, Robert Le R., Independence, Mo., assignor to Master Appliances, Incorporated. Lifting bracket for automobile jacks. 2,063,060; Dec. 8.
- Sheffield, Donald H., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Separation of terpene alcohols from pine oil. 2,050,671; Aug. 11.
- Sheffield, Donald H., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Method for the production of terpineol from pinene. 2,060,597; Nov. 10.
- Sheffield Gage Corporation. (See Markwick, Frederick H., assignor.)
- Sheffield, John W., Bluefield, W. Va. Automatic target. 2,034,839; Mar. 24.
- Sheffield, Raymond A., Boston, Mass. Air conditioning equipment. 2,041,870; May 26.
- Sheffield Steel Corporation. (See Shepherd, James C., assignor.)
- Sheffield, William M. (See Louisot, Felix, assignor.)
- Sheffer-Gross Company, The. (See Kenny, Thomas J., assignor.)
- Shehan, William E., Los Angeles, Calif. Roller coating machine. 2,030,325; Feb. 11.
- Sheibley, Fred E., Cleveland Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Inhibitor and employing the same. 2,044,956; June 23.
- Shelby Metal Products Company, The. (See Hoffman, Laurence N., assignor.)
- Sheldon, Charles L., assignor to Hood Rubber Company, Inc., Watertown, Mass. Hook fastener. 2,028,020; Jan. 14.
- Sheldon, Charles W., Ashtabula, Ohio. Price indicating means. 2,053,746; Sept. 8.
- Sheldon, E. H., & Company. (See Munz, Lewis E., assignor.)
- Sheldon, Henry A., Buffalo, N. Y., assignor to Food Machinery Corporation, San Jose, Calif. Green corn cutter. 2,029,344; Feb. 4.
- Sheldon, Howard W., Haddonfield, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Recovery of sulphuric acid. 2,065,617; Dec. 29.
- Sheldon Hydraulic Corporation. (See Tait, William O., Jr., assignor.)
- Sheldon, Lucian A., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid power plant. 2,035,726; Mar. 31.
- Sheldon, Waldo, South Norwalk, Conn. Power system for well drilling. 2,026,709; Jan. 7.
- Sheldrick, Laurence S. (See Sorensen, C. E., and Sheldrick.)
- Shell Development Company. (See Allen, Clyde C., assignor.)
- Shell Development Company. (See Belchetz, Arnold, assignor.)
- Shell Development Company. (See Bent, F. A., and Engs, assignors.)
- Shell Development Company. (See Calderwood, Allan H., assignor.)
- Shell Development Company. (See Carney, Samuel C., assignor.)
- Shell Development Company. (See Carriere, J. G., and Rosenstein, assignors.)
- Shell Development Company. (See Caudri, Johan F. M., assignor.)
- Shell Development Company. (See Cox, Albert B., assignor.)
- Shell Development Company. (See Deanesly, Richard M., assignor.)
- Shell Development Company. (See Deanesly, R. M., and Hearne, assignors.)
- Shell Development Company. (See de Simó, M., and Allen, assignors.)
- Shell Development Company. (See de Simó, M., and McAllister, assignors.)
- Shell Development Company. (See Eichwald, Egon, assignor.)
- Shell Development Company. (See Eldridge, L. C., and Symon, assignors.)
- Shell Development Company. (See Evans, T., and Edlund, assignors.)
- Shell Development Company. (See Groll, H. P. A., and Burgin, assignors.)
- Shell Development Company. (See Groll, H. P. A., and de Jong, assignors.)
- Shell Development Company. (See Groll, H. P. A., and Hearne, assignors.)
- Shell Development Company. (See Groll, H. P. A., and Kautter, assignors.)
- Shell Development Company. (See Groll, H. P. A., and Ott, assignors.)
- Shell Development Company. (See Gutzwiller, Adolf, assignor.)
- Shell Development Company. (See Hagenbuch, Walter, assignor.)
- Shell Development Company. (See Kautter, Carl T., assignor.)
- Shell Development Company. (See Kellogg, Chever M., assignor.)
- Shell Development Company. (See Kortlandt, Felix, assignor.)
- Shell Development Company. (See Krekeler, Karl, assignor.)
- Shell Development Company. (See Langedijk, Siegfried L., assignor.)
- Shell Development Company. (See Lindeke, H. F., and Greensfelder, assignors.)
- Shell Development Company. (See Loebel, Albert, assignor.)
- Shell Development Company. (See Lorang, Hermanus F. J., assignor.)
- Shell Development Company. (See Malishev, Boris, assignor.)
- Shell Development Company. (See McAllister, S. H., and de Simó, assignors.)
- Shell Development Company. (See McConnell, Glenver, assignor.)
- Shell Development Company. (See Merrill, E. N., and Young, assignors.)
- Shell Development Company. (See Millar, Russel W., assignor.)
- Shell Development Company. (See Moser, Franz R., assignor.)
- Shell Development Company. (See Pyzel, Daniel, assignor.)
- Shell Development Company. (See Pyzel, Frederic M., assignor.)



- Shell Development Company. (See Reynhart, Arthur F. A., assignor.)
- Shell Development Company. (See Rosenstein, Ludwig, assignor.)
- Shell Development Company. (See Ruys, J. D., and Kittle, assignors.)
- Shell Development Company. (See Steadman, Horace V., assignor.)
- Shell Development Company. (See Taylor, J., Greensfelder, and Shiras, assignors.)
- Shell Development Company. (See van Peski, Adrianus J., assignor.)
- Shell Development Company. (See Van Peski, A. J., and Langedijk, assignors.)
- Shell Development Company. (See Van Peski, A. J., and Smithuysen, assignors.)
- Shell Development Company. (See Williams, Evan C., assignor.)
- Shell Development Company. (See Williams, E. C., and Allen, assignors.)
- Shell Development Company. (See Yabroff, D. L., and Givens, assignors.)
- Shell Development Company. (See Yates, Wallace J., assignor.)
- Shell Development Company. (See Zulver, Cornelis, assignor.)
- Shellenberger, Rolfe, Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,064,954; Dec. 22.
- Sheller Manufacturing Corporation. (See Anderson, John W., assignor.)
- Sheller, Samuel H., Marion, Pa., assignor of one-half to George R. Hamlin, Washington, D. C. Cap for fruit basket covers. 2,028,567; Jan. 21.
- Shelley, Ray A., Chicago, Ill. Throttle control device. 2,034,253; Mar. 17.
- Shellmar Products Company. (See Engel, William H., assignor.)
- Shellmar Products Company. (See Gilfillan, Paul M., assignor.)
- Shellmar Products Company. (See Gurwick, Irving, assignor.)
- Shellmar Products Company. (See McCain, Wes W., assignor.)
- Shellwood-Johnson Company. (See Schellens, Eugene L., assignor.)
- Shelmire, Stanley R., assignor to Standard-Trump Bros. Machine Company, Wilmington, Del. Knitting mechanism. 2,045,617; June 30.
- Shelor, Frederick L., assignor to Innovation Brakes, Inc., Richmond, Va. Fluid pressure controlled braking mechanism. 2,042,809; June 2.
- Shelor, Frederick L., assignor to Innovation Brakes, Inc., Richmond, Va. Vacuum controlled braking mechanism for motor operated vehicles. 2,055,950; Sept. 29.
- Shelor, Frederick L., assignor to Innovation Brakes, Inc., Richmond, Va. Fluid pressure control braking mechanism. 2,057,796; Oct. 20.
- Shelor, Frederick L., assignor to Innovation Brakes, Inc., Richmond, Va. Producing and maintaining a vacuum on a chamber. 2,061,488; Nov. 17.
- Shelton, Robert. (See Rider, T. H., and Shelton.)
- Shenk, George B. (guardian). (See Ziegler, George J.)
- Shenk, William E. (See Larsen, B. M., and Shenk.)
- Shenstone, Osborne H., assignor to Massey-Harris Company, Limited, Toronto, Ontario, Canada. Disk for centrifugal separators. 2,028,955; Jan. 28.
- Shenton, Francis. (See Small, N. M., and Shenton.)
- Shenton, William A. (See Beaumont, A. W., and Shenton.)
- Shepard, Carl F. (See Mendelsohn, W. A., and Shepard.)
- Shepard, David C. (See Smith, Swan, assignor.)
- Shepard, David C., St. Paul, Minn. Bottom construction for laminated containers. 2,029,001; Jan. 28.
- Shepard, Francis H., Jr., Rutherford, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Light responsive device. 2,054,836; Sept. 22.
- Shepard, Francis H., Jr., Rutherford, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Light responsive device. 2,065,758; Dec. 29.
- Shepard, Herbert C., Frankfort, assignor to Remington Rand Inc., New York, N. Y. Type bar segment and anvil. 2,044,641; June 16.
- Shepard, James H., Casper, Wyo., assignor to Standard Oil Company, Chicago, Ill. Lubricating oil refining. 2,048,521; July 21.
- Shepard, Oscar F., Cincinnati, Ohio. Floor leveler for elevators. 2,057,210; Oct. 13.
- Shepherd, Charles B., Bronx, N. Y. Cask and making the same. 2,027,403; Jan. 14.
- Shepherd, Chester G., Freeport, Ill. High pressure safety gauge cock. 2,029,202; Jan. 28.
- Shepherd, George C., Jr., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Quenching oils. 2,031,431; Feb. 18.
- Shepherd, James C., assignor to Sheffield Steel Corporation, Kansas City, Mo. Highway guard. 2,047,436; July 14.
- Shepherd, Judson O., Atlanta, Ga., assignor to General Electric Company. Supervisory control system. 2,057,541; Oct. 13.
- Shepherd, Milton S., assignor of forty percent to L. A. Roser, Salt Lake City, Utah. Compressor valve and cage. 2,041,970; May 26.
- Shepherd, Thomas C. K. (See Moritz, M. R., and Shepherd.)
- Sheplin, Frank, and G. Macchianich, Jersey City, N. J. Lifesaving equipment for submarines. 2,041,971; May 26.
- Sheppard, H. N. (See Page, Albert E. and F. R., and Sheppard.)
- Sheppard, Samuel E., assignor to Eastman Kodak Company, Rochester, N. Y. Infusible molded product. 2,039,743; May 5.
- Sheppard, Samuel E., and J. H. Hudson, assignors to Eastman Kodak Company, Rochester, N. Y. Matte surface and producing the same. 2,043,906; June 9.
- Sheppard, Samuel E., and R. C. Houck, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Hardening photographic gelatin emulsions and solutions. 2,059,817; Nov. 3.
- Shep-Roid, Incorporated. (See Olson, J., and Williamson, assignors.)
- Shera, John W., assignor to American Flange & Manufacturing Co. Inc., Chicago, Ill. Tool for applying seal caps. 2,034,776; Mar. 24.
- Sherbino, Morton R., assignor to The Midland Steel Products Company, Cleveland, Ohio. Hydraulic fluid. 2,033,853; Mar. 10.
- Sherbrooks Machineries Limited. (See Palmer, Frederick E., assignor.)
- Shere, Albert T., Vancouver, Wash. Tractor. 2,057,211; Oct. 13.
- Sheridan Electro-Units Corporation. (See Stackhouse, John H., assignor.)
- Sheridan Iron Works, The, et al. (See Hawkes, Thomas B., assignor.)
- Sheridan, T. W. & C. B., Company, The, et al. (See Hawkes, Thomas B., assignor.)
- Sheridan, T. W. & C. B., Company. (See Kleineberg, Paul E., assignor.)
- Sheriff, George, Glasgow, Scotland. Body or motor road vehicles. 2,036,610; Apr. 7.
- Shering-Kahlbaum A. G. (See Hildebrandt, Friedrich, assignor.)
- Sherk, Harley E., assignor to Miami Abrasive Products, Inc., Miami, Fla. Slotted abrasive wheel. 2,049,874; Aug. 4.
- Sherman, Alvin G., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation. Burner box for cooking stoves. 2,037,828; Apr. 21.
- Sherman, Clifton W., Hamilton, Ontario, Canada, assignor to Adirondack Steel Foundries Corporation, Watervliet, N. Y. Car truck bolster. 2,042,129; May 26.
- Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Automobile frame. 2,026,658; Jan. 7.
- Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Front wheel unit for automobiles. 2,048,953; July 28.
- Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Automobile frame. 2,052,535; Aug. 25.
- Sherman, Elmer W., assignor of one-half to G. E. Marks, Los Angeles, Calif. Rotary engine. 2,055,137; Sept. 22.
- Sherman, Fred S. (See McCloud, J. H., McCaskill, and Sherman.)
- Sherman, Jacob D., C. S. Reed, and O. C. Currie, assignors to Reynolds Spring Company, Jackson, Mich. Seat frame for automobiles and the like. 2,061,923; Nov. 24.
- Sherman, John C. (See Burke, E., and Sherman.)
- Sherman, John C., Gorham, Maine, assignor to Brown Company, Berlin, N. H. Manufacture of impregnated sheet products. 2,057,167; Oct. 13.
- Sherman, John C., Gorham, Maine. Fountain pen. 2,026,657; Jan. 7.
- Sherman, John C., Gorham, Maine, assignor to Brown Company, Berlin, N. H. Manufacture of roofing elements. 2,033,488; Mar. 10.
- Sherman, John Q. (See Metzner, A. W., and Sherman.)
- Sherman, John Q., Dayton, Ohio. Paper feed for typewriter billing machines. 2,028,357; Jan. 21.
- Sherman, John Q., Dayton, Ohio. Typewriter aligning and synchronizing mechanism. 2,033,868; Mar. 10.
- Sherman, John Q., Dayton, Ohio. Typewriter attachment. 2,047,232; July 14.
- Sherman, John Q., Dayton, Ohio. Multisectional platen. 2,047,233; July 14.
- Sherman, John Q., Dayton, Ohio. Manifolding attachment for writing machines. 2,049,085; July 28.
- Sherman, John Q., Dayton, Ohio. Automatic manifolding collator and carbon assembly. 2,052,583; Sept. 1.
- Sherman, John Q., Dayton, Ohio. Paper feeding mechanism. 2,054,837; Sept. 22.
- Sherman, John Q., Dayton, Ohio. Writing machine for thermal responsive transfer material. 2,057,696; Oct. 20.
- Sherman, John Q., Dayton, Ohio. Typewriter attachment. 2,061,595; Nov. 24.
- Sherman, John Q., A. W. Metzner, and J. E. Frey, Dayton, Ohio, said Metzner and said Frey, assignors to said Sherman. Transfer paper and making same. 2,035,768; Mar. 31.



- Sherman, John Q., and A. W. Metzner, Dayton, Ohio; said Metzner assignor to said Sherman. Attachment for writing machines. 2,045,618; June 30.
- Sherman, John Q., and A. W. Metzner, Dayton, Ohio, said Metzner assignor to said Sherman. Manifold attachment for typewriters. 2,063,959; Dec. 15.
- Sherman-Klove Company. (See Rueb, Theodore O., assignor.)
- Sherman, Louie A., Florissant, assignor to Safety Torpedo Corporation, St. Louis, Mo. Track torpedo. 2,061,854; Nov. 24.
- Sherman, Norman H., assignor of one-half to B. R. Odland, Toledo, Ohio. Lawn rake. 2,065,830; Dec. 29.
- Sherman, Rallston M., Glastonbury, assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Liquid fuel burner. 2,032,332; Feb. 25.
- Sherman, Rallston M., Glastonbury, assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Liquid fuel burner. 2,032,334; Feb. 25.
- Sherman, Rallston M., Glastonbury, assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Igniting device for combustion tube wick. 2,053,113; Sept. 1.
- Sherman, Rallston M., Glastonbury, assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Burner starting device and wick therefor. 2,056,146; Sept. 29.
- Sherman, Rallston M., Glastonbury, and F. F. Neumann, West Hartford, Conn., assignors to The Silent Glow Oil Burner Corporation, Hartford, Conn. Range burner. 2,032,333; Feb. 25.
- Sherman, Ralph P., (See McKellar, M. S., Sherman, and Fletcher.)
- Sherman, Ralph P., assignor to Hughes Tool Company, Houston, Tex. Lubricated plug valve. 2,030,408; Feb. 11.
- Sherman, Ralph P., assignor to Hughes Tool Company, Houston, Tex. Mounting for drill cutters. 2,038,388; Apr. 21.
- Sherman, Ray. (See Jensen, L., and Sherman.)
- Shermund, Ralph C., assignor to Heintz and Kaufman, Ltd., San Francisco, Calif. Filament support. 2,030,326; Feb. 11.
- Sherrard, Wayne F., Clayton, Mo. Storage rack for musical instruments. 2,058,184; Oct. 20.
- Sherrick, Paul. (See Miller, C. H., and Sherrick.)
- Sherriff, George M., Des Moines, Iowa. Granite cutting machine. 2,058,731; Oct. 27.
- Sherron, Percival H., Jamaica, N. Y. Telephone booth. 2,028,627; Jan. 21.
- Sherron, Percival H., Jamaica, N. Y. Telephone booth. 2,028,628; Jan. 21.
- Sherron, Percival H., Jamaica, N. Y. Telephone booth. 2,037,094; Apr. 14.
- Sherts, James H., Tarentum, Pa., assignor to Duplate Corporation. Apparatus for making laminated glass. 2,028,927; Jan. 28.
- Sherts, James H., Tarentum, Pa., assignor to Duplate Corporation. Apparatus for making laminated glass. 2,028,928; Jan. 28.
- Sherwell Controls, Inc. (See Stedwell, George W., assignor.)
- Sherwin-Williams Co. (See Cunningham, James L., assignor.)
- Sherwin-Williams Company, The. (See Saunders, Harold F., assignor.)
- Sherwin-Williams Company, The. (See Todd, J. D., May, and Newbury, assignors.)
- Sherwood, Aaron W., Marietta, Ohio. Conduit. 2,041,972; May 26.
- Sherwood, Charles F., Chicago, assignor of thirty-five per cent to J. A. Diener, Evanston, Ill., and sixty-five per cent to Hansen Rubber Products Company. Metal and producing the same. 2,065,618; Dec. 29.
- Sherwood, Charles L., Twin Falls, Idaho. Attachment for fruit cleaning apparatus. 2,027,558; Jan. 14.
- Sherwood, Laurence T., Connellsville, Pa. Incinerator. 2,041,973; May 26.
- Sherwood, Starr K., Seattle, Wash. Propeller. 2,058,361; Oct. 20.
- Sherzer, Allen F., Ann Arbor, Mich. Pump. 2,028,568; Jan. 21.
- Sherzer, Allen F., Ann Arbor, Mich. Pump. 2,028,569; Jan. 21.
- Shevlin, Harold C. and J. P., Los Angeles, Calif. Ice packaging machine. 2,054,394; Sept. 15.
- Shevlin, Joseph P. (See Shevlin, Harold C. and J. P.)
- Shickman, Abe J., and W. A. Thum, assignors to The Vari-Color Machine Co., St. Louis, Mo. Printing mechanism. 2,041,730; May 26.
- Shiel, John B. (See Saul, G. N., and Shiel.)
- Shield Electric Company. (See Banks, William C., assignor.)
- Shields, Charles F., et al. (See Burke, Arthur R., assignor.)
- Shields, Francis. (See Nicholson, I., and Shields.)
- Shields, John M., assignor to F. H. Noble & Co., Chicago, Ill. Display pad for jewelry boxes. 2,041,303; May 19.
- Shields, John M., assignor to F. H. Noble & Co., Chicago, Ill. Metal edged box part. 2,045,374; June 23.
- Shields, John W., assignor, by mesne assignments, to International Door Company, Evansville, Ind. Revolving door hardware. 2,050,589; Aug. 11.
- Shields, John W., assignor to International Door Company, Evansville, Ind. Revolving door hardware. 2,055,828; Sept. 29.
- Shields, John W., and T. M. Hagenbook, assignors, by mesne assignments, to International Door Company, Evansville, Ind. Braceless panic release, roller latching, revolving door hardware. 2,030,547; Feb. 11.
- Shields, Peter. (See Hart, Charles, assignor.)
- Shields, Robert A., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. End construction for mine cars. 2,065,759; Dec. 29.
- Shiffer, William H., and M. M. Holm, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Catalytic hydration of propylenes. 2,052,806; Sept. 1.
- Shiffer, William H., and M. M. Holm, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Distilling alcohols. 2,061,810; Nov. 24.
- Shigley, William W., assignor of one-half to Dr. C. A. Bush, Brooklyn, N. Y. Changeable light advertising device. 2,055,777; Sept. 29.
- Shimer, John M., Dallas, Tex., assignor to Wilson-Snyder Manufacturing Corporation, Braddock, Pa. Twin cylinder steam engine. 2,027,843; Jan. 14.
- Shindel, Harry F., assignor to Willson Products, Inc., Reading, Pa. Eye protector. 2,031,676; Feb. 25.
- Shingleton, Sanford, Edgemont-Fairmont, W. Va. Cable reel for blasting mines. 2,049,086; July 28.
- Shinkle, Seaphes D., Passiac, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Coated sheet material and making. 2,041,496; May 19.
- Shinkle, Vincent G., assignor to Motol, Inc., New York, N. Y. Oil purification and fractionation and apparatus for same. 2,065,619; Dec. 29.
- Shinn, Albert R., Berkeley, and J. T. Voorheis, Oakland, assignors to American Concrete Units Co. Inc., San Francisco, Calif. Brick block and tile molding machine. 2,036,367; Apr. 7.
- Shinn, Frank G. (See Rice, W. A., and Shinn.)
- Shinn, John V. (See Wollner, H. J., and Shinn.)
- Shinn, William C., assignor to Chicago Lock Company, Chicago, Ill. Coin chute. 2,044,107; June 16.
- Shinner, Ernest G., Chicago, Ill. Insect trap and lamp. 2,040,276; May 12.
- Shinoda, Kumaichior, assignor to San Lorenzo Nursery Company, Los Angeles, Calif. Ornamental flower-holding device. 2,041,681; May 19.
- Shinohara, Motooki, Tokyo, Japan, assignor to General Electric Company. Electric circuit interrupter. 2,053,973; Sept. 8.
- Shipley, Bernis M., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,031,860; Feb. 25.
- Shipley, Bernis M., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,048,083; July 21.
- Shipley, Bernis M., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,050,022; Aug. 4.
- Shipley, Frank F. (See Nelson, S. F., and Shipley.)
- Shipley, Sylvanus C., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system for automatic stokers. 2,063,898; Dec. 15.
- Shipman, Bennet C., San Mateo, Calif., assignor to Servel, Inc., New York, N. Y. Air cooling and conditioning apparatus and system. 2,058,042; Oct. 20.
- Shipman, Walter G., Iowa Park, assignor of one-half to John B. Barbour Trucking Company, Inc., Iowa Park, Tex. Tow bar. 2,050,468; Aug. 11.
- Shippert, Warren A., Dixon, and E. K. O'Brien, Chicago, Ill. Belt connector. 2,050,899; Aug. 11.
- Shippy, Leo C. (See Emmert, R. J., Goad, Baker, Shippy, Holmes, Phelps, and Birch.)
- Shippy, Leo C., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Molding device. 2,028,021; Jan. 14.
- Shippy, Leo C., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Arc welder. 2,064,085; Dec. 15.
- Shippy, Leo C., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Core washing machine. 2,063,702; Dec. 8.
- Shipway, George E., Darien, Conn., assignor to Johns-Manville Corporation, New York, N. Y. Building assembly and aligning means for use therein. 2,061,882; Nov. 24.
- Shiraef, Dmitry A., and F. Jacobs, New York, N. Y. Photographic-printing machine. 2,041,153; May 19.
- Shiras, Russell N. (See Taylor, J. F. M., Greensfelder, and Shiras.)
- Shiras, Russell N., Compton, Calif. Rectification. 2,059,494; Nov. 3.
- Shire, Moses E. (See Anschicks, Rudolph J.)
- Shirey, Henry E. (See Carr, W. D., and Shirey.)
- Shirley, Samuel C., Oak Park, Ill., assignor to American Can Company, New York, N. Y. Enamel coating for cans. 2,055,507; Sept. 29.
- Shirlow, Albert E., Caulfield, near Melbourne, and T. B. McDiarmid, Melbourne, Victoria, Australia. Biograph film winding apparatus. 2,037,601; Apr. 14.
- Shively, John J., Bronxville, N. Y. Multispeed power transmitting device. 2,065,620; Dec. 29.
- Shively, John J., New York, N. Y., and M. Pennybacker, West Orange, N. J., assignors to Neosign Corporation. Illuminated sign. 2,057,064; Oct. 13.



- Shively, John J., New York, N. Y., and M. Pennybacker, West Orange, N. J., assignors to Neosign Corporation. Forming luminous grids. 2,064,039; Dec. 15.
- Shively, Walter E., Fairlawn, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Inner tube. 2,061,522; Nov. 17.
- Shively, Walter L. (See Huffman, D. D., and Shively.)
- Shively, Walter L., East Orange, N. J., assignor to The Koppers Company of Delaware. Treatment of gas. 2,055,368; Sept. 22.
- Shivers, Paul F., Wabash, Ind., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Modulating control. 2,052,536; Aug. 25.
- Shivers, Paul F., Wabash, Ind., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Modulating valve control. 2,052,537; Aug. 25.
- Shivers, Paul F., Wabash, Ind., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve operating mechanism. 2,052,947; Sept. 1.
- Shockey, H. H. (See Lack, Arnold, assignor.)
- Shodron, John G., assignor to James Manufacturing Company, Fort Atkinson, Wis. Dehydration, storage, and maintenance of dehydration of food products, such as hay. 2,038,008; Apr. 21.
- Shodron, John G., assignor to James Manufacturing Company, Fort Atkinson, Wis. Round ended building. 2,039,562; May 5.
- Shodron, John G., assignor to James Manufacturing Company, Fort Atkinson, Wis. Method and apparatus for storage, curing, and preservation of hay. 2,044,370; June 16.
- Shodron, John G., assignor to James Manufacturing Company, Fort Atkinson, Wis. Apparatus for storage and ventilation of hay. 2,047,334; July 14.
- Shoe City Machine Company. (See Brown, James S., assignor.)
- Shoe Form Co. (See De Witt, William J., assignor.)
- Shoe Form Co. (See De Witt, W. J., and Goodfellow, assignors.)
- Shoe Lace Company. (See Titcomb, William S., assignor.)
- Shoeld, Mark, Baltimore, Md. Gas-fired refrigerator. 2,051,318; Aug. 18.
- Shoeld, Mark, assignor of one-half to E. H. Wight, Baltimore, Md. Treating alcoholic beverages. 2,054,006; Sept. 8.
- Shoemaker, Bernard H., Hammond, Ind., and K. Taylor, assignors to Standard Oil Company, Chicago, Ill. Stabilizing mineral oils. 2,057,212; Oct. 13.
- Shoemaker, Charles S. (See Bishop, F. L., Shoemaker, Pierce, Wood, and Donnini.)
- Shoemaker, Charles S., Jeannette, assignor to American Window Glass Company, Pittsburgh, Pa. Manufacture of laminated glass. 2,063,850; Dec. 8.
- Shoemaker, Fred G., Ferndale, assignor to General Motors Corporation, Detroit, Mich. Piston. 2,043,013; June 2.
- Shoemaker, Fred G., assignor to General Motors Corporation, Detroit, Mich. Retaining means for piston pin roller bearings. 2,043,014; June 2.
- Shoemaker, George W. (See Gaertner, E. C., and Shoemaker.)
- Shoemaker, Jacob. (See Wright, Sherman, assignor.)
- Shoemaker, James M., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Engine cooling means. 2,049,751; Aug. 4.
- Shoemaker, Milton J., Madison, Wis., assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Removing water of gelation. 2,028,296; Jan. 21.
- Shoemaker, Milton J., Madison, Wis., assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Wrapper of transparent or ornamental character and making the same. 2,029,131; Jan. 28.
- Shoemaker, Richard W., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Self-roofing bus-system for electrical installations. 2,033,743; Mar. 10.
- Shoemaker, Richard W., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Coupling joint for tubes, etc. 2,040,155; May 12.
- Shoemaker, Robert W. (See Greer, H. C., Cappel, Shoemaker, Nyberg, Friedman, and Rose.)
- Shomaker, Wesley P., Richmond, Va. Feeding mechanism. 2,057,279; Oct. 13.
- Shoe Press Corporation. (See Anderson, William S., assignor.)
- Shoe Repair Specialty Corporation, The. (See Ripich, Louis J., assignor.)
- Sho-Form Brassières, Inc. (See Haimoff, David, assignor.)
- Shokler, Harry, Brooklyn, N. Y. Chart. 2,048,954; July 28.
- Shomaker, Wesley P., Richmond, Va. Printing and collating machine. 2,037,181; Apr. 14.
- Shonle, Horace A., assignor to Eli Lilly and Company, Indianapolis, Ind. Saturated-branched-chain-primary-alkyl ethyl barbituric compound. 2,066,280; Dec. 29.
- Shonnard, Harold W., Montclair, N. J. Handrail for moving stairways. 2,028,358; Jan. 21.
- Shonnard, Harold W., Montclair, N. J. Step for moving stairways. 2,033,308; Mar. 10.
- Shonnard, Harold W., Montclair, N. J. Driving mechanism for conveyers or moving stairways. 2,056,541; Oct. 6.
- Shook, Florain J., Akron, Ohio, assignor to National-Standard Company, Niles, Mich. Process and apparatus for making drum built tires. 2,045,545; June 23.
- Shookhoff, Leah. (See Stern, I., and Shookhoff.)
- Shoolman, Max, and S. M. Bergman, Brookline, Mass. Door holder. 2,058,639; Oct. 27.
- Shoop, Herbert E., Pittsburgh, Pa. Locking closure for containers. 2,037,347; Apr. 14.
- Shopneck, Henry P., Danvers, Mass. Leather-like material. 2,060,253; Nov. 10.
- Shore, Albert F., New York, N. Y. Penetrator-stem for hardness-indicating apparatus. 2,030,475; Feb. 11.
- Shore, Edward. (See Zisserman, L., and Shore.)
- Shore, Henry, Elizabeth, N. J., assignor to Radio Corporation of America. Facsimile system. 2,031,134; Feb. 18.
- Shore, Henry, Elizabeth, N. J., assignor to Radio Corporation of America. Phase modulation. 2,045,107; June 23.
- Shore, Roscoe W., Jackson Heights, N. Y., assignor to A. J. Chamberlain, Milwaukee, Wis. Pouring spout for containers. 2,041,784; May 26.
- Shore, William J., New York, N. Y. Connector plug. 2,036,366; Apr. 7.
- Shorrock, James P., Holyoke, Mass. Skein-forming device. 2,041,214; May 19.
- Shorrock, James P., assignor to B. F. Perkins & Son, Inc., Holyoke, Mass. Core covering apparatus. 2,052,901; Sept. 1.
- Short, Bladen M. (See Ferguson, A. P., and Short.)
- Short, Bladen M. (See Jandus, H. S., and Short.)
- Short, Bladen M., assignor to Lyon Cover Company, Detroit, Mich. Tire cover. 2,026,597; Jan. 7.
- Short, Bladen M., assignor to Lyon Cover Company, Detroit, Mich. Fenderwell support for tires. 2,031,984; Feb. 25.
- Short, Bladen M., assignor to General Spring Bumper Corporation, Detroit, Mich. Bead construction for bumpers. 2,054,838; Sept. 22.
- Short, Bladen M., assignor to General Spring Bumper Corporation, Detroit, Mich. Bumper construction. 2,063,957; Dec. 15.
- Short, Bladen M., assignor to General Spring Bumper Corporation, Detroit, Mich. Bumper guard. 2,063,958; Dec. 15.
- Short Brothers (Rochester & Bedford) Limited. (See Gouge, Arthur, assignor.)
- Short, Byron O., Pierce City, Mo. Garden cultivator. 2,048,201; July 21.
- Short, Charles R., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Piston ring and producing same. 2,061,780; Nov. 24.
- Short, Charles R., Clermont, Fla., and R. P. Koehring, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Bearing. 2,064,086; Dec. 15.
- Short, Frank, Newark, N. J., assignor, by mesne assignments, to Flakice Corporation, Wilmington, Del. Method of and apparatus for making ice. 2,054,101; Sept. 15.
- Short, Ira, Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reduction gear. 2,051,498; Aug. 18.
- Short, Ira, Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reduction gearing. 2,057,270; Oct. 13.
- Shortal, Joseph A. (See Weick, F. E., and Shortal.)
- Shorter, Sydney A. (See Williams, T. C., and Shorter.)
- Shortlidge, Wentworth H., Bellevue, Pa. Ventilator unit. 2,059,616; Nov. 3.
- Shortwave & Television Corporation. (See Baird, Hollis S., assignor.)
- Shott, Christian M., Monarch, assignor to Kleenburn Stoker Corporation, Kleenburn, Wyo. Rotary grate. 2,059,661; Nov. 3.
- Shotton, John C., Lakewood, Ohio. Filling and method of forming same. 2,035,347; Mar. 24.
- Shoub, Hyman L., Brooklyn, assignor to The Starchless Curtain Perfector Institute, New York, N. Y. Textile fabric and its manufacture. 2,066,079; Dec. 29.
- Shoults, David R., Scotia, N. Y., assignor to General Electric Company. Control system. 2,052,255; Aug. 25.
- Shoults, David R., Scotia, N. Y., assignor to General Electric Company. Control system. 2,052,256; Aug. 25.
- Shoup, Frederic. (See Burt, A. D., Rohner, and Shoup.)
- Shoup, Frederic. (See Guedon, E. C., Burt, and Shoup.)
- Shoup, Ransom F. (See Foehrenbach, A. F., and Shoup.)
- Shoup, Ransom F. (See Foehrenbach, A. F., Shoup, Bourquin, and Shoup.)
- Shoup, Ransom F. (See Shoup, Samuel R. and R. F.)
- Shoup, Samuel R. (See Foehrenbach, A. F., Shoup, Bourquin, and Shoup.)
- Shoup, Samuel R. and R. F., Weehawken, N. J., assignor to The Shoup Voting Machine Corp., Brooklyn, N. Y. Voting machine. 2,054,102; Sept. 15.
- Shoup, Samuel R. and R. F., Weehawken, assignors to The Shoup Voting Machine Corp., Union City, N. J. Voting machine. 2,054,103; Sept. 15.
- Shoup, Vernon D., Middlebury, Ind. Card game. 2,054,888; Sept. 22.
- Shoup Voting Machine Corporation et al. (See Foehrenbach, A. F., and Shoup, assignors.)
- Shoup Voting Machine Corporation et al. (See Foehrenbach, A. F., Shoup, Bourquin, and Shoup, assignors.)
- Shoup Voting Machine Corp., The. (See Shoup, Samuel R. and R. F., assignors.)
- Showalter, Donald L., Huntington Park, Calif. Crib appliance for vehicles. 2,048,955; July 28.



- Shower, Edmund G., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,056,300; Oct. 6.
- Showers, Frank P., Tannersville, N. Y. Clothesline tightener. 2,048,300; July 21.
- Showers, Lewis M., Jr., Juniata, Pa. Lifting sling. 2,048,144; July 21.
- Shrader, Terry M., West Summit, N. J., assignor to Radio Corporation of America. Electron discharge apparatus. 2,037,396; Apr. 14.
- Shrader, Terry M., West Summit, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,058,834; Oct. 27.
- Shreffler, Dake, Barnsdall, Okla. Combination vehicle. 2,062,800; Dec. 1.
- Shreve, Randolph N., and W. N. Pritchard, Jr., West Lafayette, Ind., H. V. Farr, Ferguson, and A. J. Still, St. Louis, Mo., and J. D. Crosby, Arlington, N. J., assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Manufacturing soluble salts of barium and strontium. 2,030,659; Feb. 11.
- Shreve, William F., Milwaukee, Wis. Air humidifier for carburetors. 2,063,130; Dec. 8.
- Shrewsbury, Raymond D., Shidler, Okla. Combination seat and bed arrangement for coupes and the like. 2,044,334; June 16.
- Striber, Joseph D., Los Angeles, Calif. Molding apparatus. 2,060,474; Nov. 10.
- Shroyer, Jacob L., Oak Park, assignor to Edison General Electric Appliance Company, Chicago, Ill. Bake oven. 2,040,675; May 12.
- Shrum, Charles L., Fremont, Nebr. Furnace. 2,033,208; Mar. 10.
- Shrum, Peter J., Monaca, Pa., assignor to Pittsburgh Screw and Bolt Corporation. Thread protector. 2,034,423; Mar. 17.
- Shuey, Clarence L., assignor to Beach & Arthur, Incorporated, Indianapolis, Ind. Cup construction. 2,032,815; Mar. 3.
- Shugg, Carleton. (See Robinson, P., and Shugg.)
- Shuler, John H. (See Dorfman, H. D., and Shuler.)
- Shuler, John H., Lexington, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,039,036; Apr. 28.
- Shull, Elbert W., Lawton, Okla. Water cooling apparatus for engines. 2,027,886; Jan. 14.
- Shulman, Maurice H., Salem, Mass. Outer sole for boots and shoes. 2,052,115; Aug. 25.
- Shultz, Albert B., Buffalo, N. Y. Viscosity indicating device. 2,035,989; Mar. 31.
- Shultz, Edward L., Endicott, assignor to Endicott Johnson Corporation, Endicott, N. Y. Shoe. 2,027,557; Jan. 14.
- Shultz, John E., Pella, Iowa. Vibrator for dental use. 2,048,756; July 28.
- Shultz, Robert L., Prague, Okla. Lifting jack attachment. 2,046,657; July 7.
- Shultz, William M., Eureka, Kans. Blanket for printing presses. 2,042,076; May 26.
- Shultz, William R., Lewisburg, Pa. Lifesaving equipment for marine vessels. 2,030,768; Feb. 11.
- Shumard, Charles C., Moorestown, N. J., assignor to Radio Corporation of America. Radio frequency distribution system. 2,064,227; Dec. 15.
- Shurback, Samuel, North Kansas City, Mo., assignor to International Patents Development Company, Wilmington, Del. Feeding apparatus for starch tables. 2,066,142; Dec. 29.
- Shurhit Products, Inc. (See Thomas, Victor W., assignor.)
- Shurley, Frederick, Los Angeles, Calif. Printing machine. 2,034,003; Mar. 17.
- Shurley, Frederick and Q. H., Huntington Park, Calif. Printing machine for impenetrable surfaces. 2,060,385; Nov. 10.
- Shurley, Queenie H. (See Shurley, Frederick and Q. H.)
- Shuron Optical Company. (See Brown, William R., assignor.)
- Shuron Optical Company. (See Long, Eli M., assignor.)
- Shuron Optical Company. (See McDonnell, William E., assignor.)
- Shuster, F. B., Company, The. (See Roberts, Joseph H., assignor.)
- Shute, Charles W., Hyde Park, Boston, assignor to F. T. Walsh, doing business as Thomas Leyland Machinery Company, Boston, Mass. Bowed expander roll. 2,040,411; May 12.
- Shutt, John C., Wickliffe, assignor to The Ohio Rubber Company, Cleveland, Ohio. Press. 2,056,331; Oct. 6.
- Shutts, Leroy W., assignor to General Motors Corporation, Detroit, Mich. Antishimmy and road shock absorption. 2,043,015; June 2.
- Shwartzman, Gregory, New York, N. Y. Biological process. 2,036,649; Apr. 7.
- Shyvers, Kenneth C., Chicago, Ill. Game. 2,031,740; Feb. 25.
- Shyvers, Kenneth C., and L. A. Durant, Chicago, Ill. Game. 2,053,379; Sept. 8.
- Sibbe, Carl F., assignor to American Engineering Company, Philadelphia, Pa. Fluid motor. 2,036,237; Apr. 7.
- Siber, Paul, New York, N. Y. Beer meter. 2,037,278; Apr. 14.
- Sibley, Edw. L. Mfg. Co. (See Sibley, Edward L., assignor.)
- Sibley, Edward L., assignor to Edw. L. Sibley Mfg. Co., Inc., Bennington, Vt. Eyeletting or riveting implement. 2,048,170; July 21.
- Sibley, Menzo S. (See Casey, P. J., and Sibley.)
- Sibley-Pym Corporation. (See Pym, Arthur F., assignor.)
- Sibley, Robert G., Norwalk, Conn. Air drainage system for buildings. 2,034,995; Mar. 24.
- Sibley, Robert L., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, Wilmington, Del. Rubber vulcanization. 2,045,167; June 23.
- Sibley, Robert L., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, Wilmington, Del. Treatment of cellulose derivatives. 2,049,087; July 28.
- Sibley, Robert L., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, Wilmington, Del. Vulcanization of rubber. 2,049,229; July 28.
- Sibley, Robert L., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, Wilmington, Del. Rubber treating process and product obtained thereby. 2,055,806; Sept. 29.
- Sickeroot, Dietz, Philadelphia, Pa. Hosiery toe fabric. 2,031,432; Feb. 18.
- Sickles, Royal F., Springfield, Mass. Condenser. 2,031,910; Feb. 25.
- Siddall, Joseph, Kearny, and W. H. Siddall, Berkeley Heights, N. J. Fire and temperature alarm system. 2,063,703; Dec. 8.
- Siddall, William H. (See Siddall, Joseph, and W. H.)
- Siddall, William M., Jr., East Orange, N. J. Fire alarm system. 2,027,068; Jan. 7.
- Siddeley, John D., and H. N. Wylie, assignors to Sir W. G. Armstrong, Whitworth Aircraft, Limited, Whiteley, Coventry, England. Airscrew. 2,056,592; Oct. 6.
- Sidebotham, Melvin H. (See Russell, W. B., and Sidebotham.)
- Sidebotham, Melvin H., West Newton, Mass., assignor to Specialty Automatic Machine Company, Medford, Mass. Box blank folding mechanism. 2,029,394; Feb. 4.
- Sides, Hillard M., assignor of one-half to L. A. Werts, Greenville, S. C. Self-lock for bale ties. 2,034,636; Mar. 17.
- Sidon, Max, Beechhurst, N. Y. Paper or similar cup. 2,041,437; May 19.
- Siebenbürger, Hugo, Basel, Switzerland, assignor to firm of Society of Chemical Industry in Basle, Basel, Switzerland. Sulphonated dyestuff and making same. 2,041,871; May 26.
- Siebenbürger, Hugo, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Making sulphuric acid esters of aliphatic alcohols and the products. 2,060,254; Nov. 10.
- Siebenlist, Anthony G., assignor to Milcor Steel Company, Milwaukee, Wis. Lock joint seam for pipe. 2,038,389; Apr. 21.
- Siebenthaler, Thomas L., Kansas City, Mo. Routing machine. 2,026,659; Jan. 7.
- Sieber, Heinrich. (See Eckert, W., and Sieber.)
- Siebert, Conrad. (See Cohn, H., and Siebert.)
- Siebert, Heinrich, assignor to Demag Aktiengesellschaft, Duisburg, Germany. Excavator. 2,055,111; Sept. 22.
- Siebert, John A., assignor to Dalmo Manufacturing Co., San Francisco, Calif. Cigarette package holder. 2,057,453; Oct. 13.
- Siebert, Julius, New York, N. Y. Resilient means. 2,056,625; Oct. 6.
- Siebourg, Hellmut, Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Cellulosic spinning solution. 2,063,001; Dec. 1.
- Siebrandt, John R., Kansas City, Mo. Leg splint structure. 2,052,990; Sept. 1.
- Sieck, William, Jr., Hubbard Woods, Ill. Metal catalyst base. 2,054,889; Sept. 22.
- Sieder, Everett N. (See Dean, D. K., and Sieder.)
- Siefert, Fritz. (See Ulrich, H., Saurwein, and Siefert.)
- Siefert, Fritz, and H. Kaemmerer, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Rotproof materials from cellulose fibers. 2,063,272; Dec. 8.
- Siefken, Werner. (See Orthner, L., and Siefken.)
- Sieg, Karl, Philadelphia, Pa., assignor to Samuel M. Langston Co., Camden, N. J. Corrugator. 2,051,319; Aug. 18.
- Sieg, Luise, et al. (See Behrens, Heinrich, assignor.)
- Siegel, David T., Chicago, Ill. Rheostat and potentiometer. 2,040,277; May 12.
- Siegel, David T., Chicago, Ill. Rheostat. 2,040,278; May 12.
- Siegel, David T., Chicago, Ill. Switch. 2,045,417; June 23.
- Siegel, David T., and L. M. E. Clausing, Chicago, Ill., said Clausing assignor to said Siegel. Noninductive resistance. 2,036,368; Apr. 7.
- Siegel, Lewis, et al. (See Dumas, Eugene J., assignor.)
- Siegel, Samee, assignor of one-third to J. Feldman, and one-third to F. Feldman, Lynchburg, Va. Fan attachment. 2,040,504; May 12.
- Siegelbaum, Harry, assignor to Dalton Hat Company, Yonkers, N. Y. Hat. 2,038,875; Apr. 28.
- Siegens, Hans. (See Roder, O., and Siegens.)
- Siegens, Hans, Goslar, and O. Roder, Langelsheim, Germany, assignors to American Lurgi Corporation, New York, N. Y. Production of lithium salts. 2,040,573; May 12.



- Siegenthaler, Walter, assignor to Scharer-Nussbaumer & Co., Erlenbach, Switzerland. Holder for tubular supports for coils of strand materials. 2,042,968; June 2.
- Sieger, Maurice P., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Reel. 2,061,109; Nov. 17.
- Siegfried, Jacob, Fuquay Springs, N. C. Motor vehicle lighting system. 2,065,876; Dec. 29.
- Siegle, Jacob C., Youngstown, Ohio. Pipe-joint. 2,051,499; Aug. 18.
- Siegler, Robert, Stettin-Pommerensdorf, assignor of one-half to Aktien-Gesellschaft der Chemischen Produktfabriken Pommerensdorf-Milch, Stettin, Germany. Mechanically producing coarse crystalline deposits. 2,035,990; Mar. 31.
- Siegmund, Humphreys O., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrolytic condenser. 2,033,309; Mar. 10.
- Siegmund, Humphreys O., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric switching device. 2,052,318; Aug. 25.
- Siegmund, Humphreys O., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching device. 2,052,319; Aug. 25.
- Siemann, John C. (See Charch, W. H., Hyman, and Siemann.)
- Siemann, John C., Kenmore, N. Y., assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Coated materials and producing same. 2,042,638; June 2.
- Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Fischel, Eduard, assignor.)
- Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Gossiau, Fritz, assignor.)
- Siemens Brothers & Company Limited. (See Grinstead, W. H., and Tees, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Büchting, Max-Ulrich, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Etzrodt, Karl, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Etzrodt, K., Filling, and Hähne, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Feist, Erich, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Fischer, Ernst, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Fischer, Fritz, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Fischer, F., Strecker, and Neugebauer, assignors.)
- Siemens & Halske, Aktiengesellschaft. (See Fischer, Johannes, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Flammiger, W., and Rohde, assignors.)
- Siemens & Halske, Aktiengesellschaft. (See Gossiau, Fritz, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Gerdien, H., and Neumann, assignors.)
- Siemens & Halske, Aktiengesellschaft. (See Hartmann, Carl A., assignor.)
- Siemens & Halske Aktiengesellschaft. (See Hesse, Holger, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Janovsky, Wilhelm, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Jaumann, Andreas, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Kniepkamp, Heinrich, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Kroll, W., and Zapf, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Kruse, R., and Schröder, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Mansel, Paul, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Mathias, Maximilian, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Mayer, Hans, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Pfannschmidt, Rudolf, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Pinell, Walter, assignor.)
- Siemens and Halske Aktiengesellschaft. (See Preisach, Franz, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Rantsch, Kurt, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Reichmann, Reinhold, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Schleicher, M., and Brandenbruger, assignors.)
- Siemens & Halske, Aktiengesellschaft. (See Schottky, Walter, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Schubert, Kurt, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Strecker, Felix, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Strehmel, Paul, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Tamm, Rudolf, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Tatzl, Hans, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Thal, Wilhelm, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See von Werther, Frieher W., assignor.)
- Siemens & Halske Aktiengesellschaft. (See Wochinger, Eduard, assignor.)
- Siemens-Reiniger-Werke, Aktiengesellschaft. (See Pätzold, J., and Böhm, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Altenkirch, E., and Nesselmann, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Bingel, R., and Weinert, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Eule, Martin, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Fischer, Ernst, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Gleichmann, Hans, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Hanff, Ferdinand, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Kühnel, Carl, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Michel, Friedrich, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Nesselmann, K. V., and Altenkirch, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Rüdtenberg, Reinhold, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Schrotte, Franz, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Wiskott, W., and Friedländer, assignors.)
- Sieminski, Henry Jersey City, N. J. Cutting and shaving device. 2,028,022; Jan. 14.
- Siemon, Lester M., Woodmont, Conn. Battery reconditioner. 2,036,547; Apr. 7.
- Siems, Herman B., assignor to Swift and Company Fertilizer Works, Chicago, Ill. Fertilizer preparation. 2,047,393; July 14.
- Siems, Herman B., assignor to Swift and Company Fertilizer Works, Chicago, Ill. Mixing apparatus. 2,047,394; July 14.
- Siems, Herman B., assignor to Swift & Company Fertilizer Works, Chicago, Ill. Fertilizer distributor. 2,063,131; Dec. 8.
- Siemund, Herman, Chicago, Ill., assignor, by mesne assignments, to Joe Lowe Corporation. Molding apparatus. 2,056,127; Sept. 29.
- Siers, John A. H., Jersey City, N. J. Umbrella. 2,047,711; July 14.
- Siers, John A. H., Jersey City, N. J. Umbrella. 2,047,712; July 14.
- Siers, John A. H., Jersey City, N. J. Umbrella. 2,051,750; Aug. 18.
- Siess, Alois M. (See Koll, O., and Siess, assignors.)
- Sieveking, Martinus, New York, N. Y. Piano-action spring. 2,046,853; July 7.
- Sieverkropp, Henry R., Racine, Wis. Lawn cultivator. 2,050,739; Aug. 11.
- Sievern, Frederick, McKeesport, assignor of one-half to Archworth Martin, Pittsburgh, Pa. Method of and apparatus for forming metal tubes. 2,054,954; Sept. 22.
- Sievers, Otto. (See Benda, L., and Sievers.)
- Sievers, Otto, Frankfurt-on-the-Main-Hochst, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Condensation products of ketones with compounds of the diamino-acridinium series and preparing them. 2,044,892; June 23.
- Sieverts, William C., Quincy, Mass. Balanced gear pump or motor. 2,029,742; Feb. 4.
- Siewers, Heinrich, Kellinghusen, Germany. Table. 2,041,438; May 19.
- Sifico A. G. (See Wahl, Karl, assignor.)
- Sigel, Carl A., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Hood latch. 2,063,635; Dec. 8.
- Sigl, Louis J., Buffalo, N. Y. Receptacle. 2,050,862; Aug. 11.
- Sigler, Claude V., Chillicothe, Ohio. Ophthalmic lens repair device. 2,049,326; July 28.
- Sigler, George, Richmond, Va., assignor to Du Pont Rayon Company, New York, N. Y. Making artificial thread. 2,046,347; July 7.
- Sigman, John J. (See Jepson, I., and Sigman.)
- Signal Engineering & Manufacturing Company. (See Rohland, Curt J., assignor.)
- Signal Engineering & Manufacturing Company. (See Wheelock, John H., assignor.)
- Signode Steel Strapping Company. (See Pagel, Albert F., assignor.)
- Signode Steel Strapping Company. (See Pagel, Ernest C., assignor.)
- Signode Steel Strapping Company. (See Porter, Howard C.)
- Signor, William E., assignor, by mesne assignments, to Seco Manufacturing Company, Gettysburg, Pa. Electric flare signal. 2,035,841; Mar. 31.
- Signorini, Alberto, Buenos Aires, Argentina. Hose supporting clasp. 2,033,854; Mar. 10.
- Sigrist, Hans. (See Nyffenegger, H., and Sigrist.)
- Sihler, William, Decorah, Iowa. Clothes tree. 2,054,007; Sept. 8.
- Silaj, Thomas S., assignor of one-half to X. G. Lambros, Detroit, Mich. Combination shrimp cleaner and culinary implement. 2,039,850; May 5.
- Silberknopf, Hans, Vienna, Austria. Lighter. 2,027,294; Jan. 7.



- Silberman, David, New York, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Machine for attaching snap fasteners. 2,045,805; June 30.
- Silberman, David, New York, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Slide operative fastener structure. 2,060,830; Nov. 17.
- Silbermann, Eugen, Oradeamare, Rumania. Gas turbine. 2,051,109; Aug. 18.
- Silden, Raymond J., et al. (See Martin, Henry F., assignor.)
- Silent Glow Oil Burner Corporation, The. (See Kinsman, Gordon, assignor.)
- Silent Glow Oil Burner Corporation, The. (See Sherman, Rallston M., assignor.)
- Silent Glow Oil Burner Corporation, The. (See Sherman, R. M., and Neumann, assignors.)
- Siler, Aldine K. (See White, A. M., and Siler.)
- Siler, Carl R., Dayton, Ohio. Core box vent plug. 2,060,350; Nov. 10.
- Silesia, Verein Chemischer Fabriken. (See Källner, Gerhard, assignor.)
- Silex Company, The. (See Frank, Hugo, assignor.)
- Silex Company, The. (See Wolcott, Frank E., assignor.)
- Silk City Metals Coating Company. (See Doerseln, Paul, assignor.)
- Sill, Harold D., Jackson, Mich. Rim construction and making the same. 2,034,360; Mar. 17.
- Sillcox, Lewis K., Watertown, N. Y., assignor to The New York Air Brake Company. Sander. 2,031,009; Feb. 18.
- Sillcox, Lewis K., Watertown, N. Y., assignor to The New York Air Brake Company. Fluid pressure brake. 2,041,872; May 26.
- Sillcox, Lewis K., Watertown, N. Y., assignor to The New York Air Brake Company. Fluid pressure brake. 2,053,500; Sept. 8.
- Sillers, Donald A., Dallas, Tex. Contact apparatus and method for contacting liquid and gas. 2,048,145; July 21.
- Sillers, Thomas, G. A., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pressure relief valve. 2,030,121; Feb. 11.
- Silliman, Horace F., assignor to The American Brass Company, Waterbury, Conn. Resistance welding electrode. 2,038,390; Apr. 21.
- Silsby, Charles F., White Plains, assignor to General Chemical Company, New York, N. Y. Manufacture of sulphuric acid. 2,028,416; Jan. 21.
- Silten, Ernst, Berlin, Germany. Vaporization apparatus. 2,040,630; May 12.
- Silten, Ernst, assignor to Sauerstoff-Central für Medizinische Zweke, Dr. Ernst Silten, Berlin, Germany. Apparatus for generating vapors. 2,033,489; Mar. 10.
- Silurificio Whitehead di Fiume Società Anonima. (See Orlando, Paolo, assignor.)
- Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Crankpin grinding machine. 2,041,215; May 19.
- Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Hydraulically operated grinding machine. 2,053,878; Sept. 8.
- Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Speed control mechanism for grinding machines. 2,056,871; Oct. 6.
- Silver, Benjamin J., New York, N. Y. Weight distributing shoe sole. 2,046,190; June 30.
- Silver, Joseph M., New York, N. Y. Collapsible grill and camp stove. 2,058,836; Oct. 27.
- Silver, McMurdo, Chicago, Ill., assignor to Glen's Patents and Holdings, Inc., New York, N. Y. Radio receiver. 2,062,379; Dec. 1.
- Silver, Samuel. (See Klein, Henry, assignor.)
- Silverman, Daniel. (See Rose, H. A., and Silverman.)
- Silverman, Daniel, Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric power system. 2,039,851; May 5.
- Silverman, Isaac D., New York, N. Y. Electrical wall cabinet. 2,044,860; June 23.
- Silverman, Joseph. (See Singer, S., Silverman, and Friedman.)
- Silverman, Joseph. (See Singer, S., Silverman, Friedman, and Bercovitz.)
- Silverman, Leo, Elkins Park, assignor to Leo Silverman and H. B. Loeb, Philadelphia, Pa., partnership trading as Silverman-Loeb Yarn Company. Compound elastic thread. 2,042,910; June 2.
- Silverman-Loeb Yarn Company. (See Silverman, Leo, assignor.)
- Silverman, Sebet, Philadelphia, Pa. Ornamented glass and producing same. 2,065,406; Dec. 22.
- Silvernail, Pearl, Houston, Tex. Surf toboggan. 2,036,548; Apr. 7.
- Silverstein, Samuel W., Passaic, N. J. Optical exerciser. 2,035,511; Mar. 31.
- Silverstein, William I., Hoboken, N. J. Truss. 2,061,596; Nov. 24.
- Simanek, Edward J., assignor to American Steel Foundries, Chicago, Ill. Brake key. 2,037,936; Apr. 21.
- Simcox, Ivor J., and R. L. Peek, Copper Cliff, Ontario, Canada, assignor to The International Nickel Company of Canada, Limited. Smelting of ores. 2,035,016; Mar. 24.
- Simek, Joseph E., Omaha, Nebr. Switch box lath clamp. 2,031,861; Feb. 25.
- Simek, Joseph E., Omaha, Nebr. Clamping device. 2,047,294; July 14.
- Simeone, Adolph, Somerville, Mass., assignor to T. J. Edwards Inc., Boston, Mass. Decorative device. 2,052,425; Aug. 25.
- Simjian, Luther G., New Haven, Conn. Automatic positive paper developing apparatus. 2,031,010; Feb. 18.
- Simjian, Luther G., New Haven, Conn., assignor to Noel Associates, Inc., New York, N. Y. Quickproof process film. 2,036,369; Apr. 7.
- Simjian, Luther G., New Haven, Conn., assignor to Noel Associates, Inc., New York, N. Y. Pose-reflecting apparatus. 2,060,351; Nov. 10.
- Simmen, Oscar, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Internal combustion engine in which the fuel is preheated. 2,028,527; Jan. 21.
- Simmen, Oscar, Erlach, assignor to firm Sulzer Frères Société Anonyme, Winterthur, Switzerland. Cooling system for internal combustion engines. 2,032,670; Mar. 3.
- Simmen, Oscar, Erlach, assignor to the firm of Sulzer Frères Société Anonyme, Winterthur, Switzerland. Apparatus for starting internal combustion. 2,054,525; Sept. 15.
- Simmen, Oscar, Erlach, assignor to firm Sulzer Frères Société Anonyme, Winterthur, Switzerland. Control apparatus for vehicles of the Diesel-electric type. 2,060,900; Nov. 17.
- Simmons, Albert H., Wheaton, Ill., assignor to Edison General Electric Appliance Company, Inc. Apparatus for loading sheath wire heating units provided with a sheath. 2,032,957; Mar. 3.
- Simmons, Arthur W., King's Cross, London, England, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,032,154; Feb. 25.
- Simmons, Charles, et al. (See Graham, Jack L., assignor.)
- Simmons, Charles A., Albany, N. Y. Container. 2,036,611; Apr. 7.
- Simmons, Charles M. (See Barrentine, T. A., and Simmons.)
- Simmons Company. (See Gail, John F., assignor.)
- Simmons Company. (See Travis, Don Carlos, assignor.)
- Simmons, Dual L. (See Simmons, Oliver G., assignor.)
- Simmons, Elizabeth D., executrix. (See Simmons, Ralph C.)
- Simmons, Gordon H., Milwaukee, Wis., assignor to William M. Devine, Chicago, Ill. Air conditioning apparatus. 2,043,450; June 9.
- Simmons, James L., Colmar Manor, Md., assignor to Engineering and Research Corporation, Washington, D. C. Forming machine. 2,065,102; Dec. 22.
- Simmons, Leon E., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,028,811; Jan. 28.
- Simmons, Oliver G., Lakewood, Ohio, assignor, by mesne assignments, to D. L. Simmons. Method of and apparatus for generating hollow faced worms and the like. 2,028,929; Jan. 28.
- Simmons, Oliver G., Lakewood, Ohio, assignor, by mesne assignments, to D. L. Simmons. Method of and apparatus for generating curved surfaces on gear shaped cutters and the like. 2,065,950; Dec. 29.
- Simmons, R. F., Company. (See Baker, Kenneth H.)
- Simmons, R. F., Company. (See Lynds, Fred H.)
- Simmons, Ralph C., deceased, by E. D. Simmons, executrix, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon sheet materials. 2,065,621; Dec. 29.
- Simmons, Raymond R., Marion, assignor to Couplings, Inc., Huntington, Ind. Pipe pressure coupling. 2,038,766; Apr. 28.
- Simmons, Richard P., Laurelton, Long Island, N. Y. Conduit. 2,033,157; Mar. 10.
- Simmons, Richard P., Laurelton, N. Y. Sucker rod. 2,046,348; July 7.
- Simmons, William, New York, N. Y. Take-off device for looms. 2,052,493; Aug. 25.
- Simms, Charles H., Kentish Town, London, assignor to The General Electric Company Limited, London, England. Manufacture of photoelectric tubes. 2,045,418; June 23.
- Simms, Lewis W., and A. O. Patriquen, St. John, New Brunswick, Canada, assignors to Devoe & Reynolds Company, Inc., New York, N. Y. Brush making machine. 2,033,258; Mar. 10.
- Simms, Lewis W., and A. O. Patriquen, St. John, New Brunswick, Canada, assignors to Devoe & Reynolds Company, Inc., New York, N. Y. Brush finishing machine. 2,033,259; Mar. 10.
- Simms Motor Units Limited. (See Attwood, Stanley H., assignor.)
- Simon, Alfred, Elmhurst, N. Y., assignor to Wappler Electric Company, Inc. High potential X-Ray machine. 2,032,894; Mar. 3.
- Simon, Alfred, Elmhurst, N. Y., assignor to Westinghouse X-Ray Company, Inc. Shockproof X-ray unit. 2,049,275; July 28.
- Simon, Alfred W., Chicago, Ill., assignor of two-sixths to J. T. Berkeley and one-sixth to F. J. Lilly, Los Angeles, Calif. Terminal voltage regulation for electrostatic generators. 2,058,732; Oct. 27.
- Simon, Charles, Vaduz, Liechtenstein. Device for carrying smoking material, especially cigarettes. 2,052,849; Sept. 1.
- Simon, Charles L., Elkins Park, assignor to Industrial By-Products and Research Corporation, Philadelphia, Pa. Apparatus for testing textile fabrics. 2,050,976; Aug. 11.
- Simon, Clemens, et al. (See Fike, Samuel R., assignor.)



- Simon, David, Philadelphia, Pa. Hat stand or rack. 2,034,924; Mar. 24.
- Simon, Eaross J. (See Grieb, W. W., and Simon.)
- Simon, Eaross J., Chicago, assignor to H. C. Scholz, West Pullman, Ill. Machine for sealing folders. 2,055,508; Sept. 29.
- Simon, Günther. (See Butz, K., Deuschle, and Simon.)
- Simon, Harry C., Brooklyn, N. Y. Folding carton. 2,034,885; Mar. 24.
- Simon, I. A. (See MacLellan, William J., assignor.)
- Simon, James O., assignor of one-half to L. T. Brown, Taylorville, Ill. Alarm operated switch. 2,039,194; Apr. 28.
- Simon, Louis, New York, N. Y. Scientific snow removal and self loading truck. 2,059,818; Nov. 3.
- Simon, Louis J., Barking, England. Apparatus for playing a game simulating golf. 2,051,751; Aug. 18.
- Simon, Lucien, assignor to Societe d'Exploitation des Brevets Lucien Simon (Amortisseurs Sanchok) Societe Anonyme, Paris, France. Pressure relief device for shock absorbers. 2,050,672; Aug. 11.
- Simon, Lucien, assignor to Societe d'Exploitation des Brevets Lucien Simon (Amortisseurs sanchok) (Societe Anonyme), Paris, France. System for absorbing the vibrations produced by a machine. 2,058,185; Oct. 20.
- Simon, Otto, Berlin-Lankwitz, Germany. Method for treating cavities in decayed teeth before stopping. 2,036,728; Apr. 7.
- Simon, Otto E. (See Street, J. B., and Simon.)
- Simon, Reuben, Detroit, Mich. Lock. 2,042,867; June 2.
- Simon, Reuben, Detroit, Mich. Key blank. 2,065,294; Dec. 22.
- Simon, Walter. (See Pier, M., Jacob, and Simon.)
- Simon, Walter. (See Pier, M., Ringer, and Simon.)
- Simon, Walter. (See Pier, M., Simon, and Kroenig.)
- Simonds, Herbert R., Oakwood, Ohio. Pneumatic tire. 2,064,694; Dec. 15.
- Simonds, Herbert R., Oakwood, assignor to Simonds Worden White Company, Dayton, Ohio. Method and apparatus for testing grinding wheels and the like. 2,039,563; May 5.
- Simonds, Roy C., Aberdeen, S. Dak. Process of and apparatus for pasteurizing cream. 2,035,842; Mar. 31.
- Simonds Saw and Steel Company. (See Howard, Leslie E., assignor.)
- Simonds Worden White Company. (See Henry, Robert H., assignor.)
- Simonds Worden White Company. (See Simonds, Herbert R., assignor.)
- Simons, Aaron, New York, N. Y. Process and apparatus for wire drawing. 2,029,039; Jan. 28.
- Simons, Abraham, New York, N. Y., and C. D. Johnson, Worcester, Mass. Apparatus and method for heat-treating wire. 2,040,343; May 12.
- Simons, Erich. (See Bockmühl, M., Simons, and Dörzbach.)
- Simons, Ernest D., assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener-attaching device. 2,042,866; June 2.
- Simons, Francis L., Needham, Mass., assignor to George La Monte & Son, Nutley, N. J. Safety paper and making same. 2,037,937; Apr. 21.
- Simons, James E., San Francisco, Calif. Apparatus for comparing colors. 2,030,329; Feb. 11.
- Simons, Louis J., New York, N. Y., assignor, by mesne assignments, to National Television Corporation. Sound on film reproduction. 2,042,027; May 26.
- Simons, Robert J., Springfield, Mass. Brush hanger. 2,039,497; May 5.
- Simons Saw and Steel Company. (See Floyd, Ernest P., assignor.)
- Simonsen, William F. (See Myers, J. E., and Simonsen.)
- Simonson, Alvin E., Kismet, Kans. Boring bar. 2,038,611; Apr. 28.
- Simonton, Warren R., Huntington, W. Va., assignor to Owens-Illinois Glass Company. Machine for decorating flat surfaces. 2,061,679; Nov. 24.
- Simpkins, Robert B., Edgbaston, Birmingham, England. Means or devices for investigating, correcting, and developing the power of human vision. 2,049,327; July 28.
- Simplex Engineering Company. (See Amsler, Walter O., assignor.)
- Simplex Engineering Company. (See Wilson, John N., assignor.)
- Simplex Enterprises, Inc. (See Alberts, Jacob L., assignor.)
- Simplex Heating Specialty Company. (See Wiley, Edgar C., assignor.)
- Simplex Valve & Meter Company. (See Borden, Moro M., assignor.)
- Simplicity Manufacturing Company. (See Miller, Ray A., assignor.)
- Simplon Products Corporation. (See March, Reginald E., assignor.)
- Simpson, Albert H., Washington, D. C., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Perforated card verifying device. 2,043,308; June 9.
- Simpson, Charles A., San Francisco, Calif. Engine. 2,042,364; May 26.
- Simpson, Charles W., Windsor, Vt., and A. E. Drissner, assignors to National Acme Company, Cleveland, Ohio. Multiple spindle automatic screw machine. 2,033,490; Mar. 10.
- Simpson, Delbert. (See Simpson, Jesse J., and D.)
- Simpson, Earl W., Fultonville, assignor to Julius Kayser & Co., New York, N. Y. Stop motion for multiple thread feeding apparatus. 2,050,389; Aug. 11.
- Simpson, Emory G. (See Van Voorhees, H. E., and Simpson.)
- Simpson, Emory G., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Inside door handle assembly for an automotive vehicle. 2,038,062; Apr. 21.
- Simpson, Emory G., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Lock for a swinging window panel. 2,041,094; May 19.
- Simpson, Eugene H. (See Kreil, Walter J., assignor.)
- Simpson, George F., assignor to The Prosperity Company Inc., Syracuse, N. Y. Method and apparatus for shrinking textile fabrics. 2,052,948; Sept. 1.
- Simpson, George G., assignor to Deere & Company, Moline, Ill. Plow. 2,058,640; Oct. 27.
- Simpson, George L. (See Moore, W. E., and Simpson.)
- Simpson, George N., Chicago, Ill. Collapsible revolving door. 2,043,780; June 9.
- Simpson, George S., Plainfield, N. J., assignor to General Chemical Company, New York, N. Y. Purification of materials contaminated with ammonium salts. 2,030,273; Feb. 11.
- Simpson, George S., Plainfield, N. J., assignor to General Chemical Company, New York, N. Y. Producing oxalic acid. 2,057,119; Oct. 13.
- Simpson, Herbert S. (See Pape, L. B., and Knight, assignors.)
- Simpson, J. F. (See Cote, Charles H., assignor.)
- Simpson, James L. (See Davis, J. B., and Simpson.)
- Simpson, Jesse J., and D., Jackson, Calif. Fuel converter for gasoline engines. 2,050,504; Aug. 11.
- Simpson, John M., Muncie, Ind., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Freewheeling attachment for automobiles. 2,032,335; Feb. 25.
- Simpson, Kenneth M., New York, N. Y. Alloys and manufacture. 2,048,824; July 28.
- Simpson, Kenneth M., assignor to International Chromium Process Corporation, New York, N. Y. Heating process. 2,057,065; Oct. 13.
- Simpson, Leon G., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Lens grinding machine. 2,065,103; Dec. 22.
- Simpson, Lowe E., Cincinnati, Ohio. Conduit connector for agitating devices. 2,047,713; July 14.
- Simpson, R. A., Manufacturing Company. (See Charlton, John M., assignor.)
- Simpson, Ray, River Forest, Ill. Electrical measuring instrument. 2,051,399; Aug. 18.
- Simpson, Ray, River Forest, Ill. Battery tester. 2,066,058; Dec. 29.
- Simpson, Robert W., New York, N. Y. Flower exhibiting device. 2,046,854; July 7.
- Simpson, Thone C., assignor of one-half to N. M. Beck, Toledo, Ohio. Building-up and fixing the contour of stencils. 2,054,914; Sept. 22.
- Simpson, William, assignor of one-half to E. Q. Benbow, Mount Airy, N. C. Tube closure. 2,039,037; Apr. 28.
- Simpson, William A. J., Gallatin, Tenn. Cushion for rails of rocking chairs. 2,054,487; Sept. 15.
- Simpson, William K., assignor to Hoffman Specialty Company, Waterbury, Conn. Thermostatic relief valve. 2,029,950; Feb. 4.
- Simpson, William K., assignor to Hoffman Specialty Company, Waterbury, Conn. Boiler return trap. 2,043,073; June 2.
- Simpson, William K., assignor to Hoffman Specialty Company, Waterbury, Conn. Steam trap. 2,043,074; June 2.
- Simpson, William K., assignor to Hoffman Specialty Company, Waterbury, Conn. Flow restrictor for heating systems. 2,052,992; Sept. 1.
- Sims, Edwin W. (See Spraling, Jacob L., assignor.)
- Sims, Herbert H. (See Riley, R. H. J., Parkinson, and Sims.)
- Sims, James E., Bridgeport, Conn., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Apparatus for controlling and indicating air volume. 2,043,561; June 9.
- Sims, Oscar, Los Angeles, Calif. Closure device. 2,057,850; Oct. 20.
- Sinclair, Albert L., Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Table. 2,047,388; July 14.
- Sinclair, Albert L., Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Table. 2,047,389; July 14.
- Sinclair, Alfred J., assignor to Chrysler Corporation, Detroit, Mich. Control for hydraulic vehicle braking systems. 2,058,266; Oct. 20.
- Sinclair, Alfred W., Stanmore, England. Cigarette case. 2,057,926; Oct. 20.
- Sinclair, Charles W., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Vehicle wheel. 2,047,895; July 14.
- Sinclair, Charles W., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,066,233; Dec. 29.
- Sinclair Company, The. (See Sinclair, P. S., and Gosling, assignors.)
- Sinclair, Harold. (See Baumann, K., and Sinclair.)
- Sinclair, Harold, Surbiton, England. Hydraulic coupling. 2,046,703; July 7.



- Sinclair, Ida M., Cuyahoga Falls, Ohio. Flower holder. 2,029,643; Feb. 4.
- Sinclair, Leonard, assignor of one-half to B. A. Stroock, and one-fourth to O. S. Drake, Newburgh, N. Y. Electric lamp and operating the same. 2,035,991; Mar. 31.
- Sinclair, Peter S., and K. C. Gosling, assignors to The Sinclair Company, Holyoke, Mass. Dandy roll. 2,039,610; May 5.
- Sinclair Prairie Oil Company. (See Parker, William F., assignor.)
- Sinclair Refining Company. (See Barth, E. J., and Corlew, assignors.)
- Sinclair Refining Company. (See Beardsley, Wilson H., assignor.)
- Sinclair Refining Company. (See Campbell, Oliver F., assignor.)
- Sinclair Refining Company. (See Herthel, Eugene C., assignor.)
- Sinclair Refining Company. (See Hickel, Albert E., assignor.)
- Sinclair Refining Company. (See Isom, Edward W., assignor.)
- Sinclair Refining Company. (See Johnson, William W., assignor.)
- Sinclair Refining Company. (See Kaasa, O. G., and Kimball, assignors.)
- Sinclair Refining Company. (See Martin, Edward J., assignor.)
- Sinclair Refining Company. (See Pelzer, Harry L., assignor.)
- Sinclair Refining Company. (See Ringgenberg, Herman I., assignor.)
- Sinclair Refining Company. (See Robertson, Harold J., assignor.)
- Sinclair Refining Company. (See Schmidt, Carlton L., assignor.)
- Sinclair Refining Company. (See Szayna, Antoni, assignor.)
- Sinclair Refining Company. (See Vobach, A. C., and Foster, assignors.)
- Sinden, James W., assignor to The Pennsylvania Research Corporation, State College, Pa. Mushroom spawn and making it. 2,044,861; June 23.
- Sinfra A. G. (See Neining, Wilhelm, assignor.)
- Sinfra A. G. St. Gallen (Switzerland). (See Hanff, Ferdinand, assignor.)
- Singer, Adolph. (See Singer, Isaac, A., and H.)
- Singer, Alexander. (See Honigmann, E., and Bruckmayer, assignors.)
- Singer, Amelia E., Los Angeles, Calif. Hair curling device. 2,046,586; July 7.
- Singer, Egon. (See Lifschitz, Benjamin D., assignor.)
- Singer, Franz, Vienna, Austria. Construction of buildings. 2,049,088; July 28.
- Singer, Fritz, Nuremberg, Germany, assignor to Tubus A.-G., Zurich, Switzerland. Extension method. 2,036,182; Mar. 31.
- Singer, Hyman. (See Singer, Isaac, A., and H.)
- Singer, Isaac, A., and H., Montreal, Quebec, Canada. Cushioned back for a seat. 2,060,449; Nov. 10.
- Singer, Leopold, Berlin, Germany, assignor to N. V. Textima Textielnijverheid en Handel-Maatschappij, Amsterdam, Netherlands. Supporting and advertising or display device for persons standing in public vehicles. 2,063,273; Dec. 8.
- Singer Manufacturing Company, The. (See Ackerman, James E., assignor.)
- Singer Manufacturing Company. (See Becker, Rudolph, assignor.)
- Singer Manufacturing Company, The. (See Brady, William H., assignor.)
- Singer Manufacturing Company, The. (See Bright, Frank G., assignor.)
- Singer Manufacturing Company, The. (See Card, Frederic M., assignor.)
- Singer Manufacturing Company, The. (See Chason, Daniel H., assignor.)
- Singer Manufacturing Company, The. (See Clayton, Andrew B., assignor.)
- Singer Manufacturing Company, The. (See Corral, H., and Heggie, assignors.)
- Singer Manufacturing Company, The. (See Diehl, Frederick, assignor.)
- Singer Manufacturing Company, The. (See Fleckenstein, George A., assignor.)
- Singer Manufacturing Company, The. (See Goosman, Herbert J., assignor.)
- Singer Manufacturing Company, The. (See Goosman, H. J., and Kaier, assignors.)
- Singer Manufacturing Company, The. (See Hanf, Edward M., assignor.)
- Singer Manufacturing Company, The. (See Karle, John D., assignor.)
- Singer Manufacturing Company, The. (See Knaus, Nicholas, assignor.)
- Singer Manufacturing Company, The. (See McCann, Michael, assignor.)
- Singer Manufacturing Company, The. (See Morris, Harold W., assignor.)
- Singer Manufacturing Company, The. (See Myers, Walter, assignor.)
- Singer Manufacturing Company, The. (See Naul, James M., assignor.)
- Singer Manufacturing Company, The. (See Nissen, Henry C., assignor.)
- Singer Manufacturing Company, The. (See Perkons, Heinrich, assignor.)
- Singer Manufacturing Company, The. (See Plumley, Raymond L., assignor.)
- Singer Manufacturing Company, The. (See Plumley, R. L., and Hohmann, assignors.)
- Singer Manufacturing Company. (See Ray, Joseph L., assignor.)
- Singer Manufacturing Company, The. (See Sailer, Rudolph J., assignor.)
- Singer Manufacturing Company, The. (See Stearns, Jake H., assignor.)
- Singer Manufacturing Company, The. (See Tiesler, Alfred, assignor.)
- Singer Manufacturing Company, The. (See Waterman, Max L., assignor.)
- Singer, Nathaniel, assignor to Optical Research Corporation, New York, N. Y. Ophthalmic lens. 2,043,840; June 9.
- Singer, Saul, J. Silverman, and J. H. Friedman, Ossining, N. Y. Lock. 2,059,046; Oct. 27.
- Singer, Saul, J. Silverman, and J. H. Friedman, Ossining, and L. Bercovitz, Dannemora, N. Y. Lock. 2,064,955; Dec. 22.
- Singer Sewing Machine Company, The. (See Allen, E. B., and Knox, assignors.)
- Singiser, John P., Chicago, Ill., assignor to The American Laundry Machinery Company, Norwood, Ohio. Tandem control for presses. 2,043,497; June 9.
- Singiser, John P., Chicago, Ill., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Sliding bed press. 2,045,375; June 23.
- Singiser, John P., Chicago, Ill., assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine control. 2,062,017; Nov. 24.
- Singleton, George W., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock system. 2,049,875; Aug. 4.
- Singleton, John C., Vinton, La. Combination packer, packer setting tool, and bottom shut-off valve. 2,041,439; May 19.
- Singleton, William, Wembley, W. Hulme, Bush Hill Park, and B. Jones, Blackheath, London, assignors to Goodlass Wall and Lead Industries Limited, London, England. Manufacture of leaden articles. 2,060,533; Nov. 10.
- Singleton, William, Wembley, W. Hulme, Bush Hill Park, and B. Jones, Ealing, London, assignors to Goodlass Wall and Lead Industries Limited, London, England. Lead alloy. 2,060,534; Nov. 10.
- Sink, Wilbert M., San Francisco, Calif. Folding tent house. 2,057,252; Oct. 13.
- Sinkler, Samuel, Chicago, Ill. Vaginal syringe. 2,047,437; July 14.
- Sinkler, Samuel, Chicago, Ill. Syringe. 2,047,438; July 14.
- Sinko, John, Chicago, Ill. Mounting plug. 2,061,811; Nov. 24.
- Sinks, Allen T. (See Abbott, T. A., and Sinks.)
- Sinks, Morton H., Cleveland Heights, Ohio. Electrical connector. 2,053,114; Sept. 1.
- Sinks, Russell W., Dayton, Ohio. Liquid evacuating system. 2,054,488; Sept. 15.
- Sinquefeld, Rex W., assignor of one-half to E. M. Crosby, St. Louis, Mo. Airplane. 2,044,108; June 16.
- Sins, George, Columbus, Ohio. Wrapping tape. 2,028,251; Jan. 21.
- Sintz, Claude, Detroit, Mich. Thread cutting mechanism. 2,041,027; May 19.
- Sipe, Harry E., New York, N. Y. Metal fastener. 2,028,528; Jan. 21.
- Sipe, Harry E., New York, N. Y., assignor to Hookless Fastener Company. Fastening device. 2,035,674; Mar. 31.
- Sipe, Harry E., New York, N. Y., assignor to Hookless Fastener Company. Separable interlocking fastener. 2,035,675; Mar. 31.
- Sipe, Harry E., New York, N. Y. Rolling machine for rolling drive rivets and screw threads. 2,058,520; Oct. 27.
- Sipe, Harry E., New York, N. Y., assignor to Hookless Fastener Company. Separable fastener. 2,061,680; Nov. 24.
- Sipe, Harry E., New York, N. Y., assignor to Hookless Fastener Company. Separable fastener. 2,061,683; Nov. 24.
- Sipe, Harry E., assignor of one-half to N. L. Foster, New York, N. Y. Air valve. 2,064,695; Dec. 15.
- Sipe, Harry E., New York, N. Y., assignor to Hookless Fastener Company. Separable interlocking fastener. 2,066,060; Dec. 29.
- Sipos, Frank, Detroit, Mich. Cotter pin. 2,047,295; July 14.
- Sipp-Eastwood Corporation. (See Klein, Frederick, assignor.)
- Siracusa, Sisti, assignor to Pacific Shore Investment Corporation, Huntington Beach, Calif. Rotary jar. 2,051,911; Aug. 25.
- Sirian Lamp Company. (See Braselton, Chester H., assignor.)
- Sirian Lamp Company. (See Harding, Robert, Jr., assignor.)
- Sirneec, Michael, Cicero, Ill. Crate. 2,035,992; Mar. 31.
- Siskind, Robert P., Cambridge, Mass. Electrical system. 2,050,505; Aug. 11.



- Sissman, Jesse, Chicago, Ill., assignor to Copeman Laboratories Company, Flint, Mich. Tray for refrigerators. 2,048,412; July 21.
- Sisson, Glen R., Pendleton, Ind. Automatic choke. 2,040,505; May 12.
- Sistrunk, Gosper W., Coral Gables, Fla. Venetian blind guide construction. 2,059,047; Oct. 27.
- Sites, Benjamin L. (See Stevens, B. D., and Sites.)
- Sites, Benjamin L., assignor to The Miehle Printing Press and Manufacturing Company, Chicago, Ill. Transfer method and means. 2,036,835; Apr. 7.
- Sivertsen, Peter, Cold Spring, N. Y. Slicing machine. 2,058,519; Oct. 27.
- Sivyer Steel Casting Company. (See Widdicombe, Charles P., assignor.)
- Six, Walter J., Indianapolis, Ind. Piston expander. 2,034,004; Mar. 17.
- Six, Walter J., Indianapolis, Ind. Expander for piston skirts. 2,034,005; Mar. 17.
- Six, Walter J., Indianapolis, Ind. Piston. 2,046,587; July 7.
- Six, Willem, Eindhoven, Netherlands, assignor to Radio Corporation of America. Transmission network. 2,037,546; Apr. 14.
- Six, Willem, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Mechanical recording of oscillations. 2,063,560; Dec. 8.
- Sixt, Johann. (See Mugdan, M., and Sixt.)
- Sjodin, Jonas L., Ostersund, Sweden. Saw setting tool. 2,053,639; Sept. 8.
- Sjogren, Oscar W., Huntington Park, R. H. Mitchell, South Gate, J. A. Vaughn, Los Angeles, and D. E. Skinn, South Gate, assignors to Killefer Manufacturing Corporation, Los Angeles, Calif. Disk harrow. 2,041,216; May 19.
- Sjoquist, Carl A. (See Thornton, Howard, assignor.)
- Sjöstrand, Hjalmar E., Ravala, Grangesberg, Sweden. Device for locating the position of a movable body. 2,043,336; June 9.
- Sjostrom, Otto A., Chicago, Ill., assignor to International Patents Development Company, Wilmington, Del. Bleaching starch. 2,052,320; Aug. 25.
- Sjuve, Ole, Høijord, near Tønsberg, Norway. Coin controlled vending apparatus. 2,045,206; June 23.
- Skandinavisk Radiorørfabrik Aktieselskab. (See Jensen, Carl A. S., assignor.)
- Skar, John G. L., assignor to Art Metal Construction Company, Jamestown, N. Y. Shelf. 2,028,417; Jan. 21.
- Skar, John G. L., assignor to Art Metal Construction Company, Jamestown, N. Y. Shelf. 2,056,808; Oct. 6.
- Skaraas, Bernt, and E. Danielsson, Stavanger, Norway. Indicating the contents of silo bins, storage tanks, and like containers. 2,056,490; Oct. 6.
- Skau, Meinich. (See Cole, F. H., and Skau.)
- Skeats, Wilfred E., Scotia, N. Y., assignor to General Electric Company. Electric circuit interrupter. 2,049,328; July 28.
- Skedgell, David E., assignor to The Millville Manufacturing Company, Millville, N. J. Apparatus for making reinforced binding material. 2,059,404; Nov. 3.
- Skeen, Walter L., Los Angeles, Calif. Drill pipe protector. 2,033,592; Mar. 10.
- Skelly, John S., Monongahela, Pa., assignor to Combustion Engineering Company, Inc., Delaware. Fuel burning device. 2,049,668; Aug. 4.
- Skelton, Charles E. (See Disque, William, assignor.)
- Skelton, Charles E., Syracuse, N. Y. Roller bearing. 2,034,315; Mar. 17.
- Skelton, J. G., Company. (See Skelton, John G., assignor.)
- Skelton, John G., assignor to J. G. Skelton Company, Inc., Richmond, Va. Yarn supporting device. 2,027,325; Jan. 7.
- Skelton, Owen R., Grosse Pointe Farms, Mich., assignor to Chrysler Corporation, Detroit, Mich. Wheel balance. 2,029,132; Jan. 28.
- Skelton, William E. (See McCarty, B. Y., and Skelton.)
- Skenandoa Rayon Corporation. (See Mattinson, Frank W., assignor.)
- Skerry, Walter W., New York, N. Y. Razor blade sharpener. 2,055,317; Sept. 22.
- Skewington, Harry M., Onawa, Iowa. Scissors sharpener. 2,047,439; July 14.
- Skidmore, Benjamin, St. Joseph, Mich. Centrifugal pump primer. 2,033,744; Mar. 10.
- Skidmore, Elmer T., Highland Park, Ill. Folding stool or chair. 2,045,029; June 23.
- Skilbeck, Gerald W., Kenosha, Wis. Humidifier. 2,034,886; Mar. 24.
- Skiles, Ira T., Pasadena, Calif. Refuse catching and removing device for floors. 2,030,077; Feb. 11.
- Skillman, Newton, assignor to O. & S. Bearing Company, Detroit, Mich. Bushing. 2,027,559; Jan. 14.
- Skillman, Newton, assignor to O. & S. Bearing Company, Detroit, Mich. Self-lubricating, self-aligning bearing and forming same. 2,027,560; Jan. 14.
- Skinn, Dougald E. (See Sjogren, O. W., Mitchell, Vaughn, and Skinn.)
- Skinner, Charles K., Southport, Conn., assignor to General Electric Company. Vacuum cleaner. 2,045,496; June 23.
- Skinner, Chester, assignor to The American Steel and Wire Company of New Jersey, Donora, Pa. Sintering machine. 2,061,333; Nov. 17.
- Skinner, Clifton R., San Francisco, Calif. Film drive. 2,054,451; Sept. 15.
- Skinner, Henry V., Newfield, N. J. Sprinkler. 2,057,851; Oct. 20.
- Skinner Irrigation Company, The. (See Coles, W. H., and Nelson, assignors.)
- Skinner Irrigation Company, The, et al. (See Coles, W. H., and Nelson, assignors.)
- Skinner, Leslie A., U. S. Army, Aberdeen Proving Ground, Md. Rocket. 2,043,268; June 9.
- Skinner & Orr Engineering Company. (See Hallinan, William W., assignor.)
- Skinner, Robert A. (See Bast, F. J., and Skinner.)
- Skinner, Robert C., Santa Monica, Calif. Roller shade fixture. 2,057,253; Oct. 13.
- Skinner, Rollin C., Loveland, Colo. Handle for flower-pots and the like. 2,037,489; Apr. 14.
- Skirrow, Frederick W. (See Morrison, G. O., Skirrow, and Blaikie.)
- Sklar, Harry, New York, N. Y. Wicket. 2,028,108; Jan. 14.
- Sklar, Harry B., Los Angeles, Calif. Spring assembly with flat grooved border wire. 2,052,040; Aug. 25.
- Sklar, Maxwell B., Brooklyn, N. Y. Sewing machine needle guard. 2,065,031; Dec. 22.
- Sklarek, Clifford, assignor to International Spotlight Corporation, Chicago, Ill. Spotlight mounting. 2,052,949; Sept. 1.
- Skobliński, William. (See Reininger, Christian C. F., assignor.)
- Skoda Works, Plzen. (See Hladik, Ladislav, assignor.)
- Skoglund, Joseph A., assignor to Constance Cronhardt, St. Paul, Minn. Hose holding stand. 2,045,336; June 23.
- Skolfield, William K., Bridgeport, Conn., assignor to General Electric Company. Fan. 2,027,844; Jan. 14.
- Skoog, Carl F., South Bend, Ind. Bicycle steering member. 2,059,669; Nov. 3.
- Skow, Ray C., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Antimony process. 2,062,838; Dec. 1.
- Skowronski, Felix J. (See Lowry, C. D., Jr., and Skowronski.)
- Skowronski, Felix J., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,046,907; July 7.
- Skreta, Max, assignor to L. Scharf, Vienna, Austria. Coin freed liquid dispensing apparatus. 2,050,131; Aug. 4.
- Skutch, William G., assignor to The Closure Service Company, Toledo, Ohio. Double shell cap for containers. 2,042,028; May 26.
- Skuttle, John L., Mason City, Iowa. Valve attachment for humidifier pans. 2,052,850; Sept. 1.
- Skwierawski, Walter, assignor of one-half to I. Z. Davidoff, Milwaukee, Wis. Steam engine. 2,051,534; Aug. 18.
- Skylepal, Edward A., assignor of one-half to Gulf Coast Machine & Supply Company, Beaumont, Tex. Roller bearing. 2,057,213; Oct. 13.
- Slack, Alfred D., assignor to Eastman Kodak Company, Rochester, N. Y. Nonhalation photographic film. 2,036,440; Apr. 7.
- Slack, Charles M., Glen Ridge, and A. H. Laidig, Bloomfield, N. J., assignors to Westinghouse Lamp Company. Shockproof X-ray tube. 2,040,156; May 12.
- Slack, Frederic W., assignor to General Motors Corporation, Detroit, Mich. Automobile suspension system. 2,063,704; Dec. 8.
- Slack, T. F. (See Amos, Richard G., assignor.)
- Slade, James V., New Rochelle, assignor to The Dorr Company, Inc., New York, N. Y. Grinding. 2,052,426; Aug. 25.
- Sladek, Louis J. (See Sasgen, M. J., and M. F., and Sladek.)
- Slagh, Harold R. (See Britton, E. C., and Slagh.)
- Slagle, Willard J., assignor to Dewey and Almy Chemical Company, Cambridge, Mass. Display device. 2,034,669; Mar. 17.
- Slagle, Willard J., Cambridge, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Friction padding material. 2,048,475; July 21.
- Slagter, Arthur J., and C. W. MacKay, Tulsa, Okla., assignors to The Ohio Oil Company, Findlay, Ohio. Treating oil. 2,048,973; July 28.
- Slatcher, Alfred G., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Slip rotation for rock drills. 2,052,427; Aug. 25.
- Slate Mfg. Co. (See Slate, McLennen C., assignor.)
- Slate, McLennen C., Albany, N. Y. Combination scraper and bulldozer. 2,061,924; Nov. 24.
- Slate, McLennen C., Albany, N. Y., assignor to Slate Mfg. Co., Portland, Ore. Fuel oil gasifying device for combustion engines. 2,026,851; Jan. 7.
- Slater, David R., San Francisco, Calif. Arch support. 2,036,890; Apr. 7.
- Slater, Ernest J., assignor to Champlin Refining Company, Enid, Okla. Oil refining process. 2,057,923; Oct. 20.
- Slater, Franklin A., Pontiac, assignor of one-eighth to G. B. Willcox, Saginaw, Mich. Sorting materials. 2,061,812; Nov. 24.
- Slater, Fred M., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rotation mechanism. 2,028,252; Jan. 21.
- Slater, Fred M., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock drill. 2,059,048; Oct. 27.



Slater, Gilbert, Attercliffe, Sheffield, assignor to The Garrard Engineering and Manufacturing Company Limited, Swindon, Wiltshire, England. Automatic gramophone and the like. 2,063,199; Dec. 8.

Slater, Ira M. (See Nulsen, M. E., and Slater.)

Slater Mills, Inc. (See Burton, Harry H., assignor.)

Slater, N., Company. (See Ridgers, Frederick G., assignor.)

Slater Shelving System. (See Slater, Walter L., assignor.)

Slater, Walter L., Watsonville, Calif., assignor to Slater Shelving System. Adjustable shelving bracket. 2,044,642; June 16.

Slater, Walter L., Watsonville, Calif., assignor to Slater Shelving System. Adjustable showcase bracket. 2,056,078; Sept. 29.

Slattengren, Hattie J. E., et al. (See Slattengren, Henry A., assignor.)

Slattengren, Henry A., Oak Park, Ill., assignor of one-fifth to J. C. Barck, Lindstrom, one-fifth to M. E. Slattengren, Chicago City, one-fifth to E. O. A. Davidson, St. Paul, and two-fifths to H. J. E. Slattengren, Lindstrom, Minn. Advertising device. 2,030,769; Feb. 11.

Slattengren, Maria E., et al. (See Slattengren, Henry A., assignor.)

Slavick, Joseph V., Washington, D. C. Appliance for waving hair. 2,051,579; Aug. 18.

Slavins, John, Youngstown, Ohio. Battery clamp. 2,057,542; Oct. 13.

Slaymaker Lock Company, The. (See Hite, Edward W., assignor.)

Slaymaker Lock Company, The. (See Slaymaker, Samuel C., assignor.)

Slaymaker, Samuel C., assignor to The Slaymaker Lock Company, Lancaster, Pa. Padlock. 2,048,570; July 21.

Slaymaker, Samuel C., assignor to The Slaymaker Lock Company, Lancaster, Pa. Padlock. 2,048,571; July 21.

Slayter, Games, Newark, Ohio, assignor to Games Slayter, Inc., Detroit, Mich. Electrical heating system. 2,066,127; Dec. 29.

Slayter, Games, J. S. Irvine, and J. H. Thomas, Jr., New ark, Ohio, assignors to Owens-Illinois Glass Company. Hollow building block. 2,034,925; Mar. 24.

Slayter, Games, Inc. (See Slayter, Games, assignor.)

Slayter, James, Detroit, Mich. Pipe joint. 2,050,023; Aug. 4.

Slayton, John W., Jr., Pittsburgh, Pa. Transmission mechanism. 2,050,673; Aug. 11.

Slebos, Dirk, The Hague, Netherlands. Safety device for protecting motor cars against fire after collision. 2,027,709; Jan. 14.

Sleeter, Edward B., and C. J. Werner, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Alternating current motor. 2,057,214; Oct. 13.

Sleigh, Herbert L., et al. (See Booth, Jennie I., and J. H., assignors.)

Sleigh, Herbert L., et al. (See Stuart, Frederick J., assignor.)

Slepian, Joseph. (See Ludwig, L. R., and Slepian.)

Slepian, Joseph, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric converter. 2,050,390; Aug. 11.

Slick, Daniel, Superior, Wis. Demountable wheel. 2,043,123; June 2.

Slick, Frank F. (See Boyd, J. K., and Slick.)

Slime, Ray G., San Diego, Calif. Aeroplane wing. 2,036,891; Apr. 7.

Slinger, Robert N. (See Bany, H., and Slinger.)

Slipikas, Benjamin, Brooklyn, N. Y. Parachute for airplane. 2,061,640; Nov. 24.

Sloan, Arthur W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,034,491; Mar. 17.

Sloan, Edward C., assignor to J. B. Hawley, Geneva, Ill. Shaped fibrous sheet articles and producing the same. 2,033,855; Mar. 10.

Sloan, Edward C., assignor to J. B. Hawley, Geneva, Ill. Joined fibrous bodied article and producing same. 2,041,974; May 26.

Sloan, Elgan S., Shippensburg, Pa. Hydrostatic sand pump. 2,059,538; Nov. 3.

Sloan, Francis P., Scarsdale, N. Y. Concrete wall structure and production. 2,042,487; June 2.

Sloan, Irene M., Kansas City, Mo. Gripping device. 2,063,406; Dec. 8.

Sloan, James J., Stow, assignor to R. Bishop, New Milford, Ohio. Clothesline retainer. 2,043,716; June 9.

Sloan Lon, Chicago, Ill. Grid structures for floors and the like. 2,062,944; Dec. 1.

Sloan, William E., Chicago, Ill. Flush valve. 2,038,135; Apr. 21.

Sloan, William E., Chicago, Ill. Shower bath apparatus. 2,042,278; May 26.

Sloan, William E., Chicago, Ill. Flush valve. 2,046,004; June 30.

Sloan, William E., Chicago, Ill. Flush valve. 2,049,521; Aug. 4.

Sloan, William E., Chicago, Ill. Floor valve. 2,053,640; Sept. 8.

Sloane-Elabos Corporation. (See Koenig, Walter J.)

Sloane-Elabon Corporation. (See Kelly, B. J., and Kemmler, assignors.)

Sloane, Reginald G., Elizabeth, N. J., assignor to Standard Oil Development Company. Pour point depressant of high strength and preparing same. 2,045,806; June 30.

Sloane, Reginald G., and J. I. Wasson, Elizabeth, N. J., assignors to Standard Oil Development Company. Motor fuel. 2,066,234; Dec. 29.

Sloane, Samuel G., et al. (See Vass, Joseph, assignor.)

Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,027,456; Jan. 14.

Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Drive mechanism for shaker conveyers. 2,029,133; Jan. 28.

Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Drive mechanism for shaker conveyers. 2,030,330; Feb. 11.

Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,032,599; Mar. 3.

Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,034,492; Mar. 17.

Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,036,650; Apr. 7.

Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,037,182; Apr. 14.

Slocombe, Frank E., Doncaster, assignor to Pilkington Brothers Limited, Liverpool, England. Process and apparatus for annealing glass plates. 2,045,880; June 30.

Slocum, Burton H., Philadelphia, Pa. Driving mechanism. 2,051,752; Aug. 18.

Slocum, Edward M., Macon, Ga. Preparing adsorbent clays. 2,034,996; Mar. 24.

Slonczewski, Thaddeus, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Owen bridge. 2,046,704; July 7.

Slonczewski, Thaddeus, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Indicator device. 2,058,641; Oct. 27.

Sloop, Clifford E., Columbus, Ga. Electricity service meter. 2,044,643; June 16.

Sloss, Stanley E., Louisville, Ky. Radio advertising means. 2,047,440; July 14.

Slotsky, David, Cleveland, Ohio. Lens. 2,064,228; Dec. 15.

Slotsky, David, assignor of one-half to L. L. Krost, Cleveland, Ohio. Fastening device for lenses. 2,037,279; Apr. 14.

Sloyan, Jerome J., Red Bank, N. J. Control for heat generators. 2,031,335; Feb. 18.

Sloyan, Jerome J., Red Bank, N. J. Air heating chamber for heat generators. 2,035,993; Mar. 31.

Sloyan, Jerome J., Red Bank, N. J. Heat generator. 2,043,597; June 9.

Slutsky, Samuel, New York, N. Y. Sign. 2,032,895; Mar. 3.

Slutsky, Samuel, New York, N. Y. Sign. 2,036,612; Apr. 7.

Slutz, Thomas W., Cleveland, Ohio. Shock absorbing device. 2,041,154; May 19.

Sly, Caryl, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resinous composition. 2,035,348; Mar. 24.

Slye, Edward A. (See Harvell, J. P., and Slye.)

Slye, Edward A., Burnside, assignor to Veeder-Root Incorporated, Hartford, Conn. Predetermined count mechanism. 2,040,025; May 5.

Slye, Edward A., East Hartford, assignor to Veeder-Root Incorporated, Hartford, Conn. Register. 2,046,433; July 7.

Slye, Edward A., East Hartford, Conn., assignor to Veeder-Root Incorporated. Counter mechanism. 2,056,690; Oct. 6.

Small, Albert, assignor to Snapfit Round Crystal Corporation, New York, N. Y. Machine and method for forming watch crystals. 2,061,173; Nov. 17.

Small, Arthur E., Gary, Ind., assignor to Union Metal Products Company, Chicago, Ill. Railway car construction. 2,059,405; Nov. 3.

Small, James B., East Cleveland, assignor to The Glidden Company, Cleveland, Ohio. Bituminous emulsion. 2,027,404; Jan. 14.

Small, Joseph E. (See Macdonald, L. S., and Small.)

Small, Lyndon F., Charlottesville, Va., assignor to The Government of the United States, represented by the Secretary of the Treasury. Ethers of morphine and its dihydrogenated derivative, and methods of production. 2,058,521; Oct. 27.

Small, Norman M., and F. Shenton, assignors to Frick Company, Waynesboro, Pa. Oil recovery device. 2,032,230; Feb. 25.

Small, Thomas W., assignor to The Capehart Corporation, Fort Wayne, Ind. Automatic record changing phonograph. 2,047,749; July 14.

Smallen, Harry M., Brooklyn, N. Y. Marking device. 2,041,574; May 19.

Smalley, Burton M., and G. F. Hauf, assignors to Joslyn Mfg. and Supply Co., Chicago, Ill. Guy wire protector. 2,034,961; Mar. 24.

Smalley, Dave E., assignor to Continental Car-Na-Var Corporation, Brazil, Ind. Rug scrubbing brush. 2,039,356; May 5.

Smalley, Dean F., East Lynn, Mass., assignor to General Electric Company. Laminated core for electrical apparatus. 2,058,362; Oct. 20.



- Smalley, Francis A., Blackwell, Okla. Portable pump. 2,062,532; Dec. 1.
- Smallwood, Charles H. (See Reich, W. A., and Smallwood.)
- Smallwood, Fredrick J., and W. E. Willson, Toronto, Ontario, Canada. Adjustable piston. 2,056,302; Oct. 6.
- Smaltz, John C., assignor to McKiernan-Terry Corporation, New York, N. Y. Hoisting apparatus. 2,045,533; June 23.
- Smart, Harry V., New York, N. Y. Treatment of sinuses. 2,052,321; Aug. 25.
- Smart, Norman C., Binley, near Coventry, assignor to The General Electric Company Limited, London, England. Electric system of lift control. 2,047,805; July 14.
- Smart, Norman C., Binley, Coventry, assignor to General Electric Company Limited, London, England. Lift controlling system. 2,056,626; Oct. 6.
- Smart, Norman C., Binley, near Coventry, and B. F. Moss, Coventry, assignors to The General Electric Company Limited, London, England. Lift. 2,044,126; June 16.
- Smead, Edward L., assignor to Henex, S. A., Mexico, D. F., Mexico. Boiler cleaning composition. 2,042,130; May 26.
- Smeaton, Clarence G., Milwaukee, Wis. Time lock. 2,051,500; Aug. 18.
- Smeby, Adolph H., Los Angeles, Calif., assignor of one-fourth to Scovill Manufacturing Company, Waterbury, Conn. Fastening device. 2,050,200; Aug. 4.
- Smeby, Adolph H., Los Angeles, Calif., assignor of one-fourth to Scovill Manufacturing Company, Waterbury, Conn. Fastening device. 2,050,201; Aug. 4.
- Smede, Lloyd W. (See Maxfield, F. A., and Smede.)
- Smede, Lloyd, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Temperature control apparatus. 2,027,405; Jan. 14.
- Smeets, Herman R. M. G., Roermond, Netherlands. Truck or tractor with two rear axles. 2,030,548; Feb. 11.
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,031,911; Feb. 25.
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,040,188; May 12.
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,046,658; July 7.
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,051,970; Aug. 25.
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Switch. 2,056,743; Oct. 6.
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,064,388; Dec. 15.
- Smelser, Henry D., St. Charles, Mo. Rotary internal combustion engine. 2,048,825; July 28.
- Smelt, Josephus A. M., Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company. Glass composition transparent to ultraviolet light. 2,056,627; Oct. 6.
- "Smelting" Metallurgische und Metallwerke Aktiengesellschaft. (See Feuer, E., and Kemp, assignors.)
- Smersal, Frank G. (See Miller, W., Vann, and Smersal.)
- Smets, Florent E. A. (See Chereau, L. N., Deloraine, Guibaud, Smets, and Van Mierlo.)
- Smeykal, Karl, Leuna, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing amines. 2,043,965; June 9.
- Smeykal, Karl, Leuna, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Catalytic purification of oxygen-containing hydrogenation products of oxides of carbon. 2,059,495; Nov. 3.
- Smickle, Raymond H., Belvidere, assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve mechanism for rock drills. 2,036,651; Apr. 7.
- Smith, F. L., & Co. (See Fasting, Johan S., assignor.)
- Smith, F. L., & Co. (See Larsen, Axel, assignor.)
- Smith, F. L., & Co. (See Middelboe, Kristian, assignor.)
- Smith, F. L., & Co. (See Nielsen, Niels, assignor.)
- Smith, F. L., & Co. (See Vogel-Jorgensen, Mikael, assignor.)
- Smilack, Jacob, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,031,550; Feb. 18.
- Smilack, Jacob, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,066,235; Dec. 29.
- Smiley, David E., Santa Ana, Calif. Keyhole illuminating means for doors. 2,029,002; Jan. 28.
- Smiley, Donald W., Waterloo, Nebr. Valve timing compensator for internal combustion engines. 2,037,051; Apr. 14.
- Smiley, Gilbert, Brighton, Mass., assignor to Pratt, Reed & Company, Deep River, Conn. Producing musical sounds electrically. 2,036,892; Apr. 7.
- Smilie, Robert S., San Francisco, Calif. High line lead system. 2,055,673; Sept. 29.
- Smisniewicz, Tadeusz. (See Dunin-Markiewicz, Sudlitz, and Smisniewicz.)
- Smit, J. K., & Sons, Inc. (See Koebel, Frank E., assignor.)
- Smith, A. O., Corporation. (See Burgess, Edward W., assignor.)
- Smith, A. O., Corporation. (See Chyle, John J., assignor.)
- Smith, A. O., Corporation. (See Kepler, William R., assignor.)
- Smith, A. O., Corporation. (See Larson, Clas S., assignor.)
- Smith, A. O., Corporation. (See Larson, C. S., and Kuebler, assignors.)
- Smith, A. O., Corporation. (See Larson, Louis J., assignor.)
- Smith, A. O., Corporation. (See Malke, Sven, assignor.)
- Smith, A. O., Corporation. (See Martin, Wesley G., assignor.)
- Smith, A. O., Corporation. (See Naery, John S., assignor.)
- Smith, A. O., Corporation. (See Reed, Daniel J., assignor.)
- Smith, A. O., Corporation. (See Reed, D. J., and Burggraf, assignors.)
- Smith, A. O., Corporation. (See Richter, Walther, assignor.)
- Smith, A. O., Corporation. (See Sherman, Donald W., assignor.)
- Smith, A. O., Corporation. (See Stresau, Richard, assignor.)
- Smith, A. O., Corporation. (See Stresino, Carlo, assignor.)
- Smith, A. O., Corporation. (See Tiedemann, Julius B., assignor.)
- Smith, A. O., Corporation. (See Uecker, Otto E., assignor.)
- Smith, A. O., Corporation. (See Walker, W. O., and Kopsch, assignors.)
- Smith, A. O., Corporation. (See Ziska, A., and Marshall, assignors.)
- Smith, A. Stirling. (See Smith, Frederick O., assignor.)
- Smith, Albert C., Larchmont, N. Y., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Ice tray. 2,027,754; Jan. 14.
- Smith, Albert N., Youngstown, Ohio. Dumping car. 2,038,245; Apr. 21.
- Smith, Alexander, & Sons Carpet Company. (See Barrett, Charles E., assignor.)
- Smith, Alfred J., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener member and installation. 2,035,200; Mar. 24.
- Smith, Alfred J., Detroit, Mich., assignor, by mesne assignments, to United-Carr Fastener Corporation, Cambridge, Mass. Fastener for trim panels. 2,059,049; Oct. 27.
- Smith, Alton P., assignor of one-third to S. A. Philmlie, Wichita, Kans. Mop holder. 2,059,662; Nov. 2.
- Smith, Alva T., Stamford Center, Ontario, Canada, assignor of one-third to A. F. Bowers, Niagara Falls, and one-third to J. A. Gardiner, Buffalo, N. Y. Bag dispensing cabinet. 2,044,231; June 16.
- Smith, Alva T., assignor to National Enameling and Stamping Company, Milwaukee, Wis. Cooking device. 2,048,572; July 21.
- Smith, Archibald L., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling mechanism. 2,035,926; Mar. 31.
- Smith, Archibald L., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling mechanism. 2,035,927; Mar. 31.
- Smith, Arthur D., Park Ridge, Ill. Cracking treatment of hydrocarbons. 2,031,336; Feb. 18.
- Smith, Arthur D., assignor to Jenkins Petroleum Process Company, Chicago, Ill. Treatment of hydrocarbons. 2,035,727; Mar. 31.
- Smith, Arthur F. (See Carroll, F. M., and Smith.)
- Smith, Arthur G., Elyria, assignor of one-third to E. J. Smith and one-third to C. W. Smith, Elyria, Ohio. Polish compact. 2,029,951; Feb. 4.
- Smith, Arthur L., Bryn Mawr, Wash. Heat exchanger. 2,033,402; Mar. 10.
- Smith, Arthur M., Oakland, assignor to Premier Bed and Spring Company, Inc., San Francisco, Calif. Adjustable drop-side for cribs. 2,031,284; Feb. 18.
- Smith, Arthur R., assignor of one-third to A. G. Armstrong, and one-third to M. D. MacQueen, Detroit, Mich. Grip for golf clubs and applying the same. 2,046,191; June 30.
- Smith, Beecher D., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Assembling a balanced rotor. 2,060,901; Nov. 17.
- Smith, Beecher D., West Allis, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Apparatus for measuring the moments of blade segments. 2,060,904; Nov. 17.
- Smith, Benjamin F., and J. H. De Fee, Jacksonville, Fla. Fish holder. 2,064,696; Dec. 15.
- Smith, Benjamin H., assignor to Michigan Wire Goods Company, Niles, Mich. Wire scoop. 2,046,534; July 7.
- Smith, Bernard P., Newark, N. J., and A. F. Lockwood, Portland, Oreg., assignors to The Regina Corporation, Rahway, N. J. Cable releasing device. 2,037,668; Apr. 14.
- Smith, Bert. (See Ringel, C., and Smith.)
- Smith, Bert, Teaneck, N. J., assignor to The Superheater Company, New York, N. Y. Superheater unit support. 2,032,445; Mar. 3.
- Smith, Blanche M., Buffalo, N. Y. Dental waste receptacle. 2,034,006; Mar. 17.
- Smith, Boyd H., Berwick, Pa. Fisherman's landing net. 2,040,714; May 12.
- Smith, Boyd H., assignor to The Autocall Company, Shelby, Ohio. Code call apparatus. 2,032,671; Mar. 3.



- Smith, Burgess W., assignor to The Todd Company, Inc., Rochester, N. Y. Making safety paper. 2,032,816; Mar. 3.
- Smith, Burgess W., assignor to The Todd Company, Inc., Rochester, N. Y. Book and making same. 2,056,332; Oct. 6.
- Smith, C. Willard, et al. (See Smith, Arthur G., assignor.)
- Smith Cannery Machines Company. (See Waugh, Edward H., assignor.)
- Smith, Carl H., Chicago, Ill. Costumer. 2,065,622; Dec. 29.
- Smith, Carlton E. (See McKinney, R. M., and Smith.)
- Smith, Carroll C. (See Williams, I., and Smith.)
- Smith, Cecil H., Elmira, assignor to American-La France and Foamite Corporation, New York, N. Y. Powder bin discharge structure. 2,042,739; June 2.
- Smith, Cecil W., Waterman, Ill. Liquid dispensing device. 2,055,509; Sept. 29.
- Smith, Charles A. (See Kenner, A., and Smith.)
- Smith, Charles A., Wellsville, Kans. Ice handling truck. 2,028,023; Jan. 14.
- Smith, Charles A., Wellsville, Kans. Ice scoring device. 2,028,024; Jan. 14.
- Smith, Charles A., Orange, N. J. Aircraft weighing means. 2,047,038; July 7.
- Smith, Charles A., Norwich, N. Y. Support. 2,064,087; Dec. 15.
- Smith, Charles A., Honesdale, assignor of one-half to H. A. Frederick, Lake Ariel, Pa. Safety razor. 2,062,683; Dec. 1.
- Smith, Charles C., assignor, by mesne assignments, to The W. J. Schoenberger Company, Cleveland, Ohio. Producing hollow article. 2,066,304; Dec. 29.
- Smith, Charles E., New York, N. Y. Coconut oil base material package. 2,044,596; June 16.
- Smith, Charles F., assignor to Rapid Roller Company, Chicago, Ill. Apparatus for coating rollers. 2,055,318; Sept. 22.
- Smith, Charles F., assignor to Adam Hilger Limited, London, England. Optical inspection of screw threads. 2,057,927; Oct. 20.
- Smith, Charles S. (See Black, J. E., and Smith.)
- Smith, Charles T. (See Smith, Glen W. and C. T.)
- Smith, Charles W., Grand Rapids, Mich. Lathe. 2,031,135; Feb. 18.
- Smith, Charlie L., Vero Beach, Fla. Apparatus for raking marine growth from canals and the like. 2,050,133; Aug. 4.
- Smith, Charlotte E., Topeka, Kans. Suspensory. 2,046,535; July 7.
- Smith, Chetwood, Worcester, Mass. Relief valve. 2,035,512; Mar. 31.
- Smith, Christopher I. (See Donahoe, M. A., and Smith.)
- Smith, Christopher I., New York, assignor to Marks Products Co. Inc., Brooklyn, N. Y. Toggle switch. 2,063,200; Dec. 8.
- Smith, Clarence C. (See Sauer, G., and Smith.)
- Smith, Clarence C., assignor to Union Special Machine Company, Chicago, Ill. Zigzag stitching mechanism. 2,027,887; Jan. 14.
- Smith, Clarence C., assignor to Union Special Machine Company, Chicago, Ill. Rotary hook for sewing machines. 2,035,928; Mar. 31.
- Smith, Clarence C., assignor to Union Special Machine Company, Chicago, Ill. Feed control for sewing machines. 2,058,837; Oct. 27.
- Smith, Claude H., Tallmadge, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Tree dressing. 2,033,869; Mar. 10.
- Smith, Claude H., Tallmadge, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Tree cavity filler. 2,033,870; Mar. 10.
- Smith, Claude H., Tallmadge, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Sulphur. 2,061,523; Nov. 17.
- Smith, Claude R., Washington, D. C. Compounds of bentonite with organic bases and process of producing same. 2,033,856; Mar. 10.
- Smith, Clifford D., Fairlawn, Ohio, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Wheel for railcars. 2,028,707; Jan. 21.
- Smith, Clifford D., Fairlawn, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Rail wiper. 2,042,029; May 26.
- Smith, Clifford D., Fairlawn, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Canting device. 2,048,357; July 21.
- Smith, Clifford W., administrators et al. (See Roberts, Arthur A.)
- Smith, Clyde, near Hopkinsville, Ky., assignor to International Communications Laboratories Incorporated, New York, N. Y. Calculating mechanism. 2,028,529; Jan. 21.
- Smith, Clyde, assignor of one-half to H. B. Colvin, Raceland, Ky. Rubber tired skate wheel. 2,038,453; Apr. 21.
- Smith, Clyde L. (See Watson, C. B., and Smith.)
- Smith, Clyde L., Chicago, Ill., and W. G. Annable, Linwood, Pa., assignors to The Pure Oil Company, Chicago, Ill. Fractionally distilling and desulphurizing crude oil. 2,032,896; Mar. 3.
- Smith, Colbert R., Fairmont, assignor to C. P. Leggett, Robeson County, N. C. Plow sweep. 2,037,547; Apr. 14.
- Smith, Cyril S. (See Davis, C. H., Munson, and Smith.)
- Smith, Cyril S., Cheshire, assignor to The American Brass Company, Waterbury, Conn. Copper-selenium alloys. 2,038,136; Apr. 21.
- Smith, Cyril S., Cheshire, assignor to The American Brass Company, Waterbury, Conn. Copper-silicon-selenium alloys. 2,038,137; Apr. 21.
- Smith, Cyril S., Cheshire, assignor to The American Brass Company, Waterbury, Conn. Making a decorative alloy. 2,050,069; Aug. 4.
- Smith, Dallas M., St. Louis County, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston ring. 2,059,179; Oct. 27.
- Smith, Daniel L., San Francisco, Calif. Dispensing machine. 2,044,998; June 23.
- Smith, Daniel S., Wilkesonville, Mass. Loom shuttle. 2,037,829; Apr. 21.
- Smith, Daniel T., Wylam, Ala., assignor to The Barrett Company, New York, N. Y. Coking pitch. 2,042,639; June 2.
- Smith, David B., Los Angeles, Calif. Valve. 2,026,916; Jan. 7.
- Smith, Donald L., Dunellen, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Tracing device, more especially for cutting machines. 2,059,755; Nov. 3.
- Smith, Donald L., Dunellen, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Template. 2,062,380; Dec. 1.
- Smith, Drum & Company. (See Drum, G. E., and Jaxheimer, assignors.)
- Smith, Drum and Company. (See Drum, H. S., and Dodson, assignors.)
- Smith, E. Janet, et al. (See Smith, Arthur G., assignor.)
- Smith, Earl B. (See Bohall, N. E., and Bailey, assignors.)
- Smith, Earl E. (See Stone, L. R., and Smith.)
- Smith, Earl H., Flushing, N. Y. Propelling device. 2,026,917; Jan. 7.
- Smith, Earl H., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Bumper. 2,038,964; Apr. 28.
- Smith, Earl K. (See Edwards, D. V., and Smith.)
- Smith, Ed S., Jr., assignor to Builders Iron Foundry, Providence, R. I. Telemetric proportioning system. 2,059,151; Oct. 27.
- Smith, Ed S., Jr., assignor to Builders Iron Foundry, Providence, R. I. Telemetric controller. 2,059,152; Oct. 27.
- Smith, Ed S., Jr., assignor to Builders Iron Foundry, Providence, R. I. Method of and apparatus for telemetering. 2,061,441; Nov. 17.
- Smith, Edsel K. (See Richards, T. T., Johns, and Smith.)
- Smith, Edward W., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Secondary or storage battery. 2,027,310; Jan. 7.
- Smith, Edward W., and C. A. Hall, assignors to The Electric Storage Battery Company, Philadelphia, Pa. Apparatus for setting storage battery plates. 2,062,193; Nov. 24.
- Smith, Edwin R., and A. Schinkez, assignors to Seneca Falls Machine Company, Seneca Falls, N. Y. Work handling mechanism for machine tools. 2,040,028; May 5.
- Smith, Elery L., Melrose, Mass., and H. H. Belcher, assignors to The Philadelphia Drying Machinery Company, Philadelphia, Pa. Machine for treating fabric. 2,050,977; Aug. 11.
- Smith, Elizabeth, St. Louis, Mo. Closure for receptacles. 2,034,007; Mar. 17.
- Smith, Elliott E., Scranton, Pa. Air cooled ledge plate for traveling grate stokers. 2,048,036; July 21.
- Smith, Ellis R., Blanchard, Pa. Step mat. 2,044,407; June 16.
- Smith, Ellsworth J., Sr. (See Hirtz, Joseph A., Sr., assignor.)
- Smith, Elma V., Evanston, Ill. Liquid blasting. 2,040,715; May 12.
- Smith, Elmer H., assignor to Smith Welding Equipment Corporation, Minneapolis, Minn. Beverage dispensing faucet. 2,035,202; Mar. 24.
- Smith, Elmer H., assignor to Smith Welding Equipment Corporation, Minneapolis, Minn. Beer dispensing apparatus. 2,039,564; May 5.
- Smith, Elmer L., Longmeadow, and F. R. Clark, assignors to Package Machinery Company, Springfield, Mass. Web registering device. 2,033,857; Mar. 10.
- Smith, Elmer L., Longmeadow, and E. F. Cornock, assignors to Package Machinery Company, Springfield, Mass. Web registering and cutting device. 2,035,201; Mar. 24.
- Smith, Elmer R. (See Wells, W. T., and Smith.)
- Smith, Elmer R., assignor, by mesne assignments, to P. Cavins, Long Beach, Calif. Bailer. 2,054,606; Sept. 15.
- Smith, Emmet Q., Detroit, Mich. Clip for mounting tubes, etc. 2,058,733; Oct. 27.
- Smith, Ernest A. (See Scott, L. E., and Smith.)
- Smith, Ernest F., Greenwood, Nebr., assignor of one-third to H. W. McFadden and one-third to H. L. Reynolds, Maywood, Ill. Portable ice cream freezer. 2,034,213; Mar. 17.
- Smith, Ernest J., Fleet Street, London, England, assignor to The Goss Printing Press Company, Chicago, Ill. Printing press. 2,055,319; Sept. 22.
- Smith, Ernest J., Fleet Street, London, England, assignor to The Goss Printing Press Company, Chicago, Ill. Stereotype plate trimming machine. 2,061,292; Nov. 17.



- Smith, Faith T., Los Angeles, Calif. Bag structure. 2,057,748; Oct. 20.
- Smith, Fay E., Fenton, Mich. Concrete tile mold. 2,030,724; Feb. 11.
- Smith, Forrest H., Kinston, N. C. Drying house. 2,051,348; Aug. 18.
- Smith, Francis H., Woodstown, N. J., and C. K. Black, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dye and its preparation. 2,027,206; Jan. 7.
- Smith, Francis M., Ashland, Ohio. Truck. 2,031,181; Feb. 18.
- Smith, Frank, Huddersfield, England. Carburetor. 2,057,215; Oct. 13.
- Smith, Frank A., Ingersoll, Ontario, Canada. Vehicle door check. 2,032,600; Mar. 3.
- Smith, Frank M., assignor to Stout Engineering Laboratories, Inc., Dearborn, Mich. Vehicle door mounting. 2,050,469; Aug. 11.
- Smith, Frank W. (See Shane, W., and Smith, assignors.)
- Smith, Franklin D., Webster Groves, and L. Grosch, assignors to Monsanto Chemical Company, St. Louis, Mo. Apparatus for testing pharmaceutical tablets. 2,041,869; May 26.
- Smith, Frederick A., assignor to Oakes Products Corporation, North Chicago, Ill. Automobile lock structure. 2,036,370; Apr. 7.
- Smith, Frederick O., Brooklyn, assignor of one-half to A. S. Smith, New York, N. Y. Apparatus for severing sheets. 2,052,519; Aug. 25.
- Smith, Frederick W., Milwaukee, Ore. Dispensing device. 2,049,331; July 28.
- Smith, Gabriel, Leyton, London, England. Coating of surfaces and in the manufacture of coated or compound materials. 2,037,398; Apr. 14.
- Smith, George A., Philadelphia, Pa. Fastenings and making the same. 2,059,406; Nov. 3.
- Smith, George H., Buffalo, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Fluid pressure relief device. 2,047,750; July 14.
- Smith, George H., Kenmore, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Valve. 2,051,350; Aug. 18.
- Smith, George L., assignor to United States Ordnance Company, Washington, D. C. Indicator. 2,031,741; Feb. 25.
- Smith, George L., assignor to Thermo Brakes Corporation, Washington, D. C. Brake mechanism. 2,060,429; Nov. 10.
- Smith, George O., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Asymmetrical conducting device. 2,038,246; Apr. 21.
- Smith, George O., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Asymmetrical conductor. 2,060,905; Nov. 17.
- Smith, George W., Pittsburgh, assignor to J. M. Hopwood, Dormont, Pa. Control system for boiler furnaces. 2,028,812; Jan. 28.
- Smith, George W., Pittsburgh, Pa., and J. E. Specht, Orrville, Ohio, assignors to J. M. Hopwood, Dormont, Pa. Regulating apparatus. 2,049,669; Aug. 4.
- Smith, Gertrude L., Los Angeles, Calif. Lingerie strap holder. 2,065,831; Dec. 29.
- Smith, Glen W. and C. T., The Dalles, Ore. Brake system. 2,044,999; June 23.
- Smith, Gordon S. (See Hynes, G. T., and Smith.)
- Smith, Grover C., Los Angeles, Calif. Packed, flexible, conduit joint. 2,031,389; Feb. 18.
- Smith, Grover C., Burlington, N. C., assignor of one-half to J. W. Smith, Schoolfield, Va. Preparing thread lease. 2,048,974; July 28.
- Smith, Guy H. B., Jr. (See Bowles, E. L., and Smith.)
- Smith, H. Clayton. (See Moldenhauer, Eric, assignor.)
- Smith, Harold. (See Willshaw, H., Smith, and Davenport.)
- Smith, Harold. (See Wyler, M., Kersey, and Smith.)
- Smith, Harold A., assignor of one-half to E. Rosen, St. Paul, Minn. Coin selector and slug rejecter. 2,041,785; May 26.
- Smith, Harold B., assignor to Robeson-Rochester Corporation, Rochester, N. Y. Agitator. 2,034,214; Mar. 17.
- Smith, Harold H., assignor to H. H. Stokke, Seattle, Wash. Reminder clock. 2,038,686; Apr. 28.
- Smith, Harold K., Oak Park, Ill., assignor to The Symington Company, Rochester, N. Y. Side frame and journal box. 2,039,357; May 5.
- Smith, Harold M., P. Grandone, and H. T. Rall, Bartlesville, Okla. Pyrolysis of methane. 2,061,597; Nov. 24.
- Smith, Harold M., and P. Grandone, Bartlesville, Okla. Producing ethylene. 2,061,598; Nov. 24.
- Smith, Harold O., Indianapolis, Ind. Signal light for motor vehicles. 2,026,710; Jan. 7.
- Smith, Harold O., Indianapolis, Ind., assignor to Turn-signal Corporation, Philadelphia, Pa. Signaling device for motor vehicles. 2,060,831; Nov. 17.
- Smith, Harry A., Lander, Wyo., L. R. Pettit, Shelby, Ohio, and M. D. Smith, Casper, Wyo. Machine for projecting kaleidoscopic designs. 2,038,909; Apr. 28.
- Smith, Harry B. (See Fenton, K. F., and Smith.)
- Smith, Harry D., Buffalo, N. Y., assignor to Consolidated Packaging Machinery Corporation. Magnetic capping chuck. 2,030,188; Feb. 11.
- Smith, Harry E., assignor to F. D. Snell, Brooklyn, N. Y. Producing mirrors. 2,030,476; Feb. 11.
- Smith, Harry E., White Plains, N. Y., assignor to The New York Central Railroad Company. Apparatus for reclaiming packing waste and the oil therefrom. 2,032,854; Mar. 3.
- Smith, Harry E., White Plains, N. Y., assignor to The New York Central Railroad Company. Apparatus for reclaiming packing waste and oil extracted therefrom. 2,032,855; Mar. 3.
- Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,033,554; Mar. 10.
- Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,035,573; Mar. 31.
- Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,045,000; June 23.
- Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,049,230; July 28.
- Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,049,782; Aug. 4.
- Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,063,960; Dec. 15.
- Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,064,040; Dec. 15.
- Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,065,542; Dec. 29.
- Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,065,543; Dec. 29.
- Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,066,236; Dec. 29.
- Smith, Harry G., Jr. (See Dunham, Le R. S., and Smith.)
- Smith, Harry G., Jr., Union, assignor to Edison-Splitdorf Corporation, West Orange, N. J. Circuits breaker. 2,035,621; Mar. 31.
- Smith, Harry G., Jr., Union, and Le R. S. Dunham, East Orange, assignors to Edison-Splitdorf Corporation, West Orange, N. J. Impulse coupling. 2,035,622; Mar. 31.
- Smith, Harry G., Flint, assignor to General Motors Corporation, Detroit, Mich. Valve spring key. 2,040,960; May 19.
- Smith, Harry J. (See Zingaro, Placido W., assignor.)
- Smith, Harry L., Long Beach, Calif., assignor to The Texas Company, New York, N. Y. Apparatus for testing gaslocks. 2,039,122; Apr. 28.
- Smith, Harry L., assignor to Smith System Heating Company, Minneapolis, Minn. Draft deflector. 2,043,815; June 9.
- Smith, Harry N., Detroit, Mich., assignor to American Brakeblok Corporation, New York, N. Y. Grinder. 2,055,709; Sept. 29.
- Smith, Harry S., Needham, assignor to The Gamewell Company, Newton Upper Falls, Mass. Signal transmitter. 2,050,632; Aug. 11.
- Smith, Harry S., Mineola, N. Y. Weatherproofing of walls. 2,065,623; Dec. 29.
- Smith, Harry V. (See Myers, F. L., and Smith.)
- Smith, Hazor J., assignor to Superstat Company, Springfield, Mass. Control by integration. 2,044,127; June 16.
- Smith, Hazor J., assignor to Superstat Company, Springfield, Mass. Weather integrator. 2,044,128; June 16.
- Smith, Hazor J., assignor to Superstat Company, Springfield, Mass. Condition-control apparatus. 2,047,234; July 14.
- Smith, Henry A., and C. M. Summers, Fort Wayne, Ind., assignors to General Electric Company. Mounting for dynamo-electric machines. 2,047,838; July 14.
- Smith, Henry B. (See Carroll S. J., and Smith.)
- Smith, Henry B. (See Coleman, J. D., Jr., and Smith.)
- Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose organic ester composition containing an alpha-substituted phenylethyl alcohol. 2,039,744; May 5.
- Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose organic ester composition containing phenyl propionate. 2,051,535; Aug. 18.
- Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose organic ester compositions containing phenyl cyclohexane. 2,051,536; Aug. 18.
- Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose organic ester compositions containing tri-ethylene glycol di-alpha-hydroxy isobutyrate. 2,053,539; Sept. 8.
- Smith, Henry E., Shawneetown, Ill. Fireplace heater. 2,059,539; Nov. 3.
- Smith, Henry J., David City, Nebr. Traffic sign. 2,045,419; June 23.
- Smith, Henry M. (See Pappert, E., and Smith.)
- Smith, Herbert C. (See Newport, C. L., and Smith.)
- Smith, Herbert M., Dedham, assignor to Thomson Electric Welding Company, Lynn, Mass. Electric heating device. 2,063,407; Dec. 8.
- Smith, Herman, and W. A. Larson, Oklahoma City, Okla. Bailer for wells. 2,058,267; Oct. 20.
- Smith, Herman B., Plainfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Boiler. 2,058,043; Oct. 20.



- Smith, Herman R., Douglaston, assignor to Raymond Concrete Pile Company, New York, N. Y. Pile driver. 2,056,744; Oct. 6.
- Smith, Herschel D., assignor of one-half to H. P. Richardson, Buffalo, N. Y. Pneumatic automobile spring. 2,031,862; Feb. 25.
- Smith, Herschel G., Swarthmore, assignor, by mesne assignments, to Gulf Oil Corporation of Pennsylvania, Pittsburgh, Pa. Refining of petroleum oils. 2,035,349; Mar. 24.
- Smith, Herschel G., Swarthmore, assignor, by mesne assignments, to Gulf Oil Corporation, Pittsburgh, Pa. Pipe thread lubricant. 2,065,247; Dec. 22.
- Smith, Herschel G., Swarthmore, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of pipe thread lubricants. 2,065,248; Dec. 22.
- Smith, Hiram T. (See Gilstrap, C. L., Smith, and Ralston.)
- Smith, Homer E., Toledo, Ohio. Automatic reclining chair. 2,032,773; Mar. 3.
- Smith Hood & Seal Corporation. (See Roehm, J. G., and Bliss, assignors.)
- Smith, Howard. (See Knapp, A. S., and Smith.)
- Smith, Howard, assignor to Knapp-Monarch Company, Belleville, Ill. Thermostat construction. 2,029,595; Feb. 4.
- Smith, Howard O., Des Moines, Iowa. Shooting jacket. 2,063,469; Dec. 8.
- Smith, Hugh, Buffalo, J. Schiedel, Hamburg, and A. B. Asbury, Buffalo, N. Y. Self-adjusting brake. 2,031,742; Feb. 25.
- Smith Incubator Company, The. (See Smith, Samuel B., assignor.)
- Smith, Irving R., Milwaukee, Wis., assignor to Sterling Wheelbarrow Company, West Allis, Wis. Foundry flask. 2,065,348; Dec. 22.
- Smith, J. E., & Co. (See Anderson, Albert J., assignor.)
- Smith, J. Hugo, Detroit, Mich. Tool and tool holder. 2,059,496; Nov. 3.
- Smith, Jack, assignor to Coca-Cola Company, Atlanta, Ga. Drain pipe appliance. 2,050,590; Aug. 11.
- Smith, James C., and J. S. Taylor assignors to Iverson Tool Company, Tulsa, Okla. Well cleanout tool. 2,028,418; Jan. 21.
- Smith, James H., Peoria, Ill. Pie pan. 2,037,280; Apr. 14.
- Smith, James J., deceased, by M. Smith, Glenside, and Provident Trust Company of Philadelphia, Philadelphia, executors, assignors to Mabel Smith, Glenside, Pa. Lifting device. 2,051,655; Aug. 18.
- Smith, James M., assignor to The Kennedy Car Liner & Bag Co., Shelbyville, Ind. Apparatus for forming paper tubing. 2,052,494; Aug. 25.
- Smith, James N., Westfield, N. J., assignor, by mesne assignments, to The Enterprise Aluminum Company. Spout attachment for vessels. 2,026,852; Jan. 7.
- Smith, James P., Portland, Oreg. Engine support. 2,044,920; June 23.
- Smith, James W. (See Dalton, H. G., and Smith.)
- Smith, James W. (See Pullar, Harold B., assignor.)
- Smith, James W., San Francisco, Calif. Bottle closure. 2,036,549; Apr. 7.
- Smith, Jasper A., assignor to Delco Appliance Corporation, Dayton, Ohio. Pumping apparatus. 2,037,401; Apr. 14.
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,030,409; Feb. 11.
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,030,410; Feb. 11.
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,042,163; May 26.
- Smith, Jesse, A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,059,615; Nov. 3.
- Smith, John E., assignor to Knapp-Monarch Company, Belleville, Ill. Automatic coffee maker. 2,029,596; Feb. 4.
- Smith, John E., assignor to Knapp-Monarch Company, Belleville, Ill. Unit heater. 2,064,389; Dec. 15.
- Smith, John E., Plainfield, N. J., assignor to Knapp-Monarch Company. Electrical connector plug. 2,034,273; Mar. 17.
- Smith, John E., Plainfield, N. J., assignor to Knapp-Monarch Company. Thermostatic switch. 2,041,304; May 19.
- Smith, John E.'s, Sons Company. (See Van Hooydonk, Adrian C., assignor.)
- Smith, John F., Quincy, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Cutting machine. 2,031,744; Feb. 25.
- Smith, John F., Quincy, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Upper roughing tool. 2,042,868; June 2.
- Smith, John F., Quincy, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Press deflating mechanism. 2,056,214; Oct. 6.
- Smith, John H., Camp Hill, Pa. Incandescent lamp. 2,031,182; Feb. 18.
- Smith, John H., Camp Hill, Pa. Electrical heating device. 2,065,760; Dec. 29.
- Smith, John H., Meadville, Pa. Fuel control means for airship engines. 2,060,536; Nov. 10.
- Smith, John P., Erlton, N. J., assignor to Radio Corporation of America. Television system. 2,045,315; June 23.
- Smith, John W. (See Leister, F., and Smith, assignors.)
- Smith, John W., Overbrook Manor, Pa. Method of and apparatus for feeding fuel. 2,035,203; Mar. 24.
- Smith, John W., Philadelphia, Pa. Diaphragm pump. 2,038,089; Apr. 21.
- Smith, John W., Philadelphia, Pa. Piston pump. 2,038,090; Apr. 21.
- Smith, John W., Philadelphia, Pa. Fabricating propeller blades and the like. 2,057,924; Oct. 20.
- Smith-Johnson Corporation. (See Smith, Neil V., assignor.)
- Smith, Joseph B., Salt Lake City, Utah. Brooder. 2,059,819; Nov. 3.
- Smith, Joseph C., St. Paul, Minn. Direction signal. 2,060,401; Nov. 10.
- Smith, Joseph E., Jr. (See Clausing, L. M. E., and Smith, Jr.)
- Smith, Joseph F., Fort Wayne, Ind. Game. 2,030,549; Feb. 11.
- Smith, Joseph G., West Norwood, N. J., assignor to Consolidated Trimming Corporation, New York, N. Y. Method of and apparatus for making ball-tassels. 2,033,655; Mar. 10.
- Smith, Joseph W., Stanaford, W. Va. Car lock for mine cars. 2,039,984; May 5.
- Smith, Julius W. (See Smith, Grover C., assignor.)
- Smith, Justin L., Watertown, assignor to Seymour Smith & Son, Inc., Oakville, Conn. Jointed pole for tree pruners. 2,030,550; Feb. 11.
- Smith, Karl D. (See Bird, J. C., and Smith.)
- Smith, Karl D., assignor to Union Steam Pump Company, Battle Creek, Mich. Viscolizer valve. 2,040,537; May 12.
- Smith, Karl D., and J. C. Bird, assignors to Union Steam Pump Company, Battle Creek, Mich. Viscolizer valve. 2,057,925; Oct. 20.
- Smith, Keith, Jr. (See Coleman, R. L., and Smith.)
- Smith, L. Blake. (See Cerf, Marcel E., assignor.)
- Smith, L. C., Bobbin Works. (See Wylie, Andrew, assignor.)
- Smith, L. C., & Corona Typewriters Inc. (See Avery, Henry A., assignor.)
- Smith, L. C., & Corona Typewriters, Inc. (See Gabrielson, Carl, assignor.)
- Smith, L. C., & Corona Typewriters, Inc. (See Moshier, Edson G., assignor.)
- Smith, L. Roy, et al. (See Daun, Carl D., assignor.)
- Smith, Landon P., Inc. (See Fancher, Charles J., assignor.)
- Smith, Lawrence C., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Liquid dispensing device. 2,063,002; Dec. 1.
- Smith, Lawrence E., assignor to Taylor Instrument Companies, Rochester, N. Y. Temperature responsive device. 2,053,974; Sept. 8.
- Smith, Lawrence M., Chicago, Ill. Syringe. 2,034,926; Mar. 24.
- Smith, Leonard C., assignor to Heating Ventilating & Air Conditioning Co. Inc., New York, N. Y. Air conditioning apparatus. 2,050,470; Aug. 11.
- Smith, Leonard S., Jr., Cincinnati, Ohio. Identifying laundry articles. 2,056,809; Oct. 6.
- Smith, Lester C., West Hartford, assignor to The Spencer Turbine Company, Hartford, Conn. Automatic dumper for carrier systems. 2,035,410; Mar. 24.
- Smith, Lewis R., receiver. (See Jackson, Alfred F., assignor.)
- Smith, Lewis R., receiver. (See Storrie, William, assignor.)
- Smith, Lewis R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control mechanism. 2,049,329; July 28.
- Smith, Lewis R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,051,110; Aug. 18.
- Smith, Lloyd E., Washington, D. C., dedicated to the free use of the public in the United States of America. Insecticide. 2,049,725; Aug. 4.
- Smith, Lloyd E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,061,599; Nov. 24.
- Smith, Louis, Kensington, London, assignor to Parcelads Limited, London, England. Apparatus for issuing gummed strip paper suitable for use for packing and like purposes. 2,034,840; Mar. 24.
- Smith, Louis H., El Cajon, Calif. Que ball bowling game apparatus. 2,052,584; Sept. 1.
- Smith, Louis H., El Cajon, Calif. Bowling table apparatus. 2,056,985; Oct. 13.
- Smith, M. Mayhill. (See Behnke, H. R., and Loser, assignors.)
- Smith, Mabel. (See Smith, James J., assignor.)
- Smith, Mabel, et al., executors. (See Smith, James J.)
- Smith, Manville D., New York, N. Y. Collapsible wire article. 2,031,231; Feb. 18.
- Smith, Marion D. (See Smith, H. A., Pettit, and Smith.)
- Smith, Marshall A., Jr., South Bend, Ind. Transmission dynamometer. 2,049,330; July 28.
- Smith, Milton B., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Glider structure. 2,044,862; June 23.
- Smith, Minta A., et al. (See Daun, Carl A., assignor.)
- Smith, Minta A., et al. (See Daun, Carl L., assignor.)



- Smith, Morris, Chester, Mont. Rack or body for wagons and trucks. 2,039,667; May 5.
- Smith, Myron H., Dundee, N. Y., assignor to E. P. Brown, Murfreesboro, N. C. Shipping container. 2,027,561; Jan. 14.
- Smith, Myron H., assignor to Milo Folding Box Corporation, Dundee, N. Y. Container. 2,053,847; Sept. 8.
- Smith, Neil V., assignor to Smith-Johnson Corporation, Los Angeles, Calif. Grease gun. 2,061,813; Nov. 24.
- Smith, Nelson P., assignor of three-fourths to J. G. Best, and one-fourth to F. W. Matthews, Toronto, Ontario, Canada. Animated sign and method of operating it. 2,040,538; May 12.
- Smith, Newell N. (See Gould, Ralph E., assignor.)
- Smith, Newell R., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Lead-in bushing. 2,036,652; Apr. 7.
- Smith, Norman G., Brunswick, and S. Smith, Auburn, Maine. Purifying feldspar. 2,062,072; Nov. 24.
- Smith, Omar H., West Englewood, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Halogenating hydrocarbons. 2,034,962; Mar. 24.
- Smith, Omar H., West Englewood, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Manufacture of styrol. 2,064,571; Dec. 15.
- Smith, Ora L., et al., trustee. (See Ramage, Alexander S., assignor.)
- Smith, Orsino C., Inglewood, Calif. Bottle for corrosive liquids. 2,035,017; Mar. 24.
- Smith, Paul C., Aurora, Ill., assignor, by mesne assignments, to Redler Conveyor Company, Quincy, Mass. Conveyor. 2,035,018; Mar. 24.
- Smith, Paul S., Cambridge, N. Y., assignor to R. S. Allen, Detroit, Mich. Apparatus for the manufacture of cemented pile fabric. 2,050,740; Aug. 11.
- Smith, Paul S., Cambridge, N. Y., assignor to R. S. Allen, Detroit, Mich. Manufacture of cemented pile fabrics. 2,051,010; Aug. 11.
- Smith, Paul S., Cambridge, N. Y., assignor to R. S. Allen, Detroit, Mich. Press mechanism. 2,051,011; Aug. 11.
- Smith, Pedro J. (See Ferreras, Rafael P., assignor.)
- Smith, Percy C., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Code calling system. 2,042,869; June 2.
- Smith, Percy N., East Camberwell, Victoria, and N. G. Brown, Kew, Victoria, Australia. Recording instrument for motor trucks or like purposes. 2,059,050; Oct. 27.
- Smith, Phillip H., Oakhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High frequency transmission system. 2,041,378; May 19.
- Smith, Preston R., Rahway, N. J., assignor, by mesne assignments, to Central Commercial Company. Method and apparatus for producing surfacing material. 2,033,656; Mar. 10.
- Smith, Preston R., Rahway, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa. Bituminous emulsion. 2,033,657; Mar. 10.
- Smith, R. Stanley, Beverly Hills, Calif., assignor to Badger Meter Manufacturing Company, Milwaukee, Wis. Piston meter. 2,055,710; Sept. 29.
- Smith, Rachel C. (See McMichael, Samuel, assignor.)
- Smith, Ralph E., assignor to The Galion Metallic Vault Company, Galion, Ohio. Lifting mechanism. 2,026,853; Jan. 7.
- Smith, Ralph E., assignor to The Galion Metallic Vault Company, Galion, Ohio. Body. 2,048,573; July 21.
- Smith, Ralph E., assignor to The Galion Metallic Vault Company, Galion, Ohio. Power take-off mechanism. 2,062,194; Nov. 24.
- Smith, Ralph E., assignor to The Galion Metallic Vault Company, Galion, Ohio. Power take-off mechanism. 2,062,195; Nov. 24.
- Smith, Ralph E., assignor to The Galion Metallic Vault Company, Galion, Ohio. Split drive-single control. 2,063,408; Dec. 8.
- Smith, Ralph M., Detroit, Mich. Circuit breaker. 2,032,072; Feb. 25.
- Smith, Ralph R., Fremont, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Dry cell. 2,060,832; Nov. 17.
- Smith, Ralston, Oakland, Calif. Ice shaving machine. 2,033,903; Mar. 10.
- Smith, Ray B., Tacoma, Wash. Glass beveling machine. 2,031,743; Feb. 25.
- Smith, Ray T., Piqua, Ohio. Filter and liquid and gas separator. 2,048,956; July 28.
- Smith, Raymond D., Pleasantville, N. Y. Time setting device. 2,032,774; Mar. 3.
- Smith, Raymond D., Fairfield, Conn. Lock stop device. 2,045,001; June 23.
- Smith, Raymond D., Pleasantville, N. Y. Speed governed motor. 2,060,833; Nov. 17.
- Smith, Reynolds B., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Metal coating mechanism. 2,054,549; Sept. 15.
- Smith, Richard D., Andover, Va., assignor of one-half to Joseph L. Ortner, Cincinnati, Ohio. Combined brake beam and bottom rod support for cars. 2,042,740; June 2.
- Smith, Richard N. (See Taylor, G. R., and Smith.)
- Smith, Robert F., Manheim, Pa. Water and temperature regulator for motors. 2,059,916; Nov. 3.
- Smith, Robert H., Salem, Oreg. Combination disk and shovel cultivator. 2,052,807; Sept. 1.
- Smith, Robert J., Baltimore, Md. Motorbus construction. 2,039,460; May 5.
- Smith, Robert L., Little Falls, N. J. Book construction. 2,027,497; Jan. 14.
- Smith, Robert L., assignor of forty-nine per cent to E. M. Shaner, Lynchburg, Va. Weed puller. 2,030,770; Feb. 11.
- Smith, Robert L., assignor of forty-nine per cent to E. M. Shaner, Lynchburg, Va. Weed puller. 2,057,067; Oct. 13.
- Smith, Robert S., Whittier, Calif., assignor to O. P. Yowell Service Company. Casing perforator. 2,046,752; July 7.
- Smith, Robert T., Freeport, N. Y. Mop wringer attachment. 2,028,025; Jan. 14.
- Smith, Robert W., Kansas City, Mo. Balancing and strengthening of ocular muscles and developing fusion. 2,057,066; Oct. 13.
- Smith, Roy D., Davenport, Iowa, assignor to Bee Line Manufacturing Company. Turning alignment gauge. 2,045,108; June 23.
- Smith, Roy D., Davenport, assignor to Bee Line Manufacturing Company, Scott County, Iowa. Vehicle supporting and checking apparatus. 2,045,109; June 23.
- Smith, Roy D., assignor to Bee Line Manufacturing Company, Davenport, Iowa. Automatic wheel aligner. 2,052,257; Aug. 25.
- Smith, Roy D., assignor to Bee Line Manufacturing Company, Davenport, Iowa. Automatic wheel aligner. 2,059,973; Nov. 3.
- Smith, Roy D., assignor to Bee Line Manufacturing Company, Davenport, Iowa. Automatic wheel aligner. 2,059,974; Nov. 3.
- Smith, Roy D., assignor to Bee Line Manufacturing Company, Davenport, Iowa. Automatic wheel aligner. 2,059,975; Nov. 3.
- Smith, Roy D., Davenport, Iowa, and F. J. Fransen, Rock Island, Ill., assignors to Bee Line Manufacturing Company, Davenport, Iowa. Motor vehicle frame adjusting means. 2,059,972; Nov. 3.
- Smith, Roy K. (See Akast, H., and Smith.)
- Smith, Roy M. (See Lewis, W. A., Jr., and Smith.)
- Smith, Roy W., Newark, Ohio. Utilizing waste carbon dioxide gas. 2,063,201; Dec. 8.
- Smith, Russell E., Belleville, Ontario, Canada. Renewable blade knife. 2,054,104; Sept. 15.
- Smith, Russell H., assignor of one-half to Alfred A. Lindsey, Quanah, Tex. Water block or dam forming device. 2,043,075; June 2.
- Smith, Russell H., assignor of one-half to A. A. Lindsey, Quanah, Tex. Furrow damming machine. 2,043,076; June 2.
- Smith, Russell T., Greenville, Mich., assignor to Gibson Electric Refrigerator Corporation. Refrigeration structure. 2,055,733; Sept. 29.
- Smith, Russell T., and F. L. Tarleton, assignors to Gibson Electric Refrigerator Corporation, Greenville, Mich. Unitary motor-pump assembly. 2,043,215; June 2.
- Smith, S. Morgan, Company. (See Bischoff, Robert, assignor.)
- Smith, S., & Sons (Motor Accessories), Limited. (See Dorer, P. O., and Landstad, assignors.)
- Smith, Samuel B., Rocky River, Ohio. Scraper and polisher for internal combustion engines. 2,056,080; Sept. 29.
- Smith, Samuel B., assignor to The Smith Incubator Company, Cleveland, Ohio. Tray construction. 2,048,358; July 21.
- Smith, Sanford H., San Francisco, Calif. Cutting and beveling tool. 2,065,761; Dec. 29.
- Smith Separator Corporation. (See McKeever, Roy S., assignor.)
- Smith, Seymour, & Son, Inc. (See Smith, Justin L., assignor.)
- Smith, Sidney B., Chelmsford, and T. L. Eckersley, Weatheroak, Danbury, England, assignors to Radio Corporation of America. Wireless direction finding, bearing finding, and similar system. 2,031,077; Feb. 18.
- Smith, Skardon T., Detroit, Mich. Automatic locking device. 2,028,629; Jan. 21.
- Smith, Stanton G. (See Smith, Norman G., and S. G.)
- Smith, Stuyvesant C., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,030,331; Feb. 11.
- Smith, Stuyvesant C., Aurora, Ill., assignor to Bendix Research Corporation, South Bend, Ind. Cushioning device. 2,055,242; Sept. 22.
- Smith, Swan, White Bear, assignor to D. C. Shepard, St. Paul, Minn. Forming containers with paper hoops. 2,060,642; Nov. 10.
- Smith, Sydney, Chobham, England. Vehicle. 2,049,474; Aug. 4.
- Smith, Sydney, Chobham, England. Vehicle body and door therefor. 2,050,070; Aug. 4.
- Smith, Sydney, Chobham, England. Hinge. 2,050,071; Aug. 4.
- Smith System Heating Company. (See Smith, Harry L., assignor.)
- Smith, T. L., Company. (See Rybeck, Adolph W., assignor.)
- Smith, Theodore A., Ridgewood, N. J., assignor to Radio Corporation of America. Television system. 2,029,395; Feb. 4.



- Smith, Theodore L., Concord, and N. Testi, assignors to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,043,124; June 2.
- Smith, Theodore W. (See Crowell, M. E., and Smith.)
- Smith, Thomas N., San Antonio, Tex. Internal combustion engine. 2,048,826; July 23.
- Smith, Thomas W., Yanceyville, assignor of one-half to F. B. Horton, Ruffin, N. C. Pump. 2,044,408; June 16.
- Smith, Varvara P., New York, N. Y. Lip shield. 2,032,672; Mar. 3.
- Smith, Vernon G., Willows, Calif. Spring controlled spark device for engines. 2,064,572; Dec. 15.
- Smith, Victor C., Norwalk, Conn. Combined closure filling valve, and nozzle for fuel tanks and other containers. 2,043,337; June 9.
- Smith, Victor N. M., Fergus, Ontario, assignor to Beatty Bros. Limited, Fergus, Wellington, Canada. Nozzle for vacuum cleaners. 2,027,793; Jan. 14.
- Smith, Walter A., assignor to National Sewing Machine Company, Belvidere, Ill. Sewing machine support. 2,066,017; Dec. 29.
- Smith, Walter A., assignor to National Sewing Machine Company, Belvidere, Ill. Sewing machine support. 2,066,018; Dec. 29.
- Smith, Walter P., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming brake shoes. 2,047,084; July 7.
- Smith Welding Equipment Corporation. (See Smith, Elmer H., assignor.)
- Smith, Wesley L., Cranford, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Combination flight instrument. 2,063,764; Dec. 8.
- Smith, Wilber J., Owatonna, Minn. Power take-off connections for washing machines and the like. 2,058,920; Oct. 27.
- Smith, Wiley C. (See Frey, R. W., and Smith.)
- Smith, William, and J. Thomas, assignors to Scottish Dyes, Limited, Grangemouth, Scotland. 3,3'-Dichlorindanthrone and producing the same. 2,056,593; Oct. 6.
- Smith, William. (See Thomson, R. F., Smith, and Primrose.)
- Smith, William A. (See Bernitz, Ernest, Sr., assignor.)
- Smith, William A. (See Horton, A. J., and Smith.)
- Smith, William A., Jr. (See Schorle, H. J., and Smith.)
- Smith, William A., Jr., North Arlington, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Percussive tool blowing device. 2,046,659; July 7.
- Smith, William A., Jr., North Arlington, N. J., and H. J. Schorle, Astoria, Long Island, assignors to Worthington Pump and Machinery Corporation, New York, N. Y. Drill steel retainer. 2,047,651; July 14.
- Smith, William A., Jr., North Arlington, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Throttle locking device. 2,060,256; Nov. 10.
- Smith, William A., Sr., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Feeding device. 2,027,562; Jan. 14.
- Smith, William A., Sr., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Hose coupling. 2,047,714; July 14.
- Smith, William A., Sr., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Guide saddle for rock drills. 2,048,757; July 28.
- Smith, William A., Sr., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rotation mechanism. 2,055,674; Sept. 29.
- Smith, William A., Sr., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock drill. 2,046,135; June 30.
- Smith, William A., Sr., Athens, and A. R. Mack, Easton, Pa., assignors to Ingersoll-Rand Company, Jersey City, N. J. Valve for rock drills. 2,048,957; July 28.
- Smith, William F., assignor to The Federal Bearings Co., Inc., Poughkeepsie, N. Y. Ball bearing. 2,038,009; Apr. 21.
- Smith, William F., assignor to The Federal Bearings Co., Inc., Poughkeepsie, N. Y. Ball bearing. 2,038,010; Apr. 21.
- Smith, William G., Newton Highlands, assignor to National Company, Inc., Malden, Mass. Indicating device. 2,060,587; Nov. 10.
- Smith, William H., Rochester, N. Y. Wire clip for papers. 2,056,215; Oct. 6.
- Smith, William I., Pasadena, Calif. Changeable display device. 2,045,619; June 30.
- Smith, William J., assignor to Jos. B. McCall, Jr., Philadelphia, Pa. Hydraulic shock absorber. 2,048,037; July 21.
- Smith, William J., Philadelphia, Pa., assignor of one-half to William H. Redheffer, Jr., and one-fourth to Abraham C. Stevenson, Philadelphia, Pa. Spinneret for the manufacture of artificial filaments. 2,055,320; Sept. 22.
- Smith, William M., Chicago, P. B. Parks, Oak Park, and E. A. Russell, Chicago, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Control switch mechanism. 2,030,945; Feb. 18.
- Smith, William M., Chicago, and D. W. Miller, Elmhurst, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Mercury column thermostat. 2,046,416; July 7.
- Smith, William T., McDonough, Ga. Cultivator. 2,058,363; Oct. 20.
- Smith, Willoughby S., Benchams, Newton Poppleford, H. J. Garnett, Lymne, Solefields, Sevenoaks, and J. N. Dean, Orpington, England. Insulated electrical conductor. 2,041,269; May 19.
- Smithe, F. L., Machine Co. (See Novick, Abraham, assignor.)
- Smithells, Colin J., Middlesex, England, assignor to General Electric Company. Manufacture of coiled coil or double helical filaments. 2,034,540; Mar. 17.
- Smithells, Colin J., Bushey, assignor to The M-O Valve Company Limited, London, England. Evacuated electric discharge vessel. 2,045,561; June 23.
- Smithers, Ernest E., Sydney, New South Wales, and C. D. Richardson, Brisbane, Queensland, Australia. Pneumatic surfboard or float. 2,064,128; Dec. 15.
- Smithers, Vernon L., Akron, Ohio, and H. A. Winkelmann, Chicago, Ill. Plastic composition. 2,041,217; May 19.
- Smithjohns, Inc. (See Richards, T. T., Johns, and Smith, assignors.)
- Smithson, Arthur, Glenwood, Minn. Detachable cutter and point for plows. 2,036,102; Mar. 31.
- Smithuysen, Wilhelm C. B. (See Van Peski, A. J., and Smithuysen, assignors.)
- Smithwick, Harold, Scarsdale, N. Y., and P. Halbo, Cranford, N. J., assignors, by mesne assignments, to Ramco, Inc. Method of and apparatus for making window bags. 2,026,711; Jan. 7.
- Smitmans, John A., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Shear. 2,043,398; June 9.
- Smittle, Walter R., St. Louis, Mo. Shaft packing. 2,033,403; Mar. 10.
- Smola, Emil, Newport News, Va. Automatic steering of ships. 2,063,765; Dec. 8.
- Smolak, George, Somerville, N. J. Veneered panel. 2,054,869; Sept. 22.
- Smolens, Harry G. (See Clark, J. A., and Smolens.)
- Smolík, Václav. (See Rauch, A., and Smolík.)
- Smoot Engineering Corporation. (See O'Connor, George K., assignor.)
- Smoot, Lloyd. (See Pfeifer, W. D., and Smoot.)
- Smoot, Theophilus H., assignor to Anchor Post Fence Company, Baltimore, Md. Rotary oil burner. 2,054,607; Sept. 15.
- Smoots, John P., assignor to The Standard Oil Company, Cleveland, Ohio. Treating petroleum distillates. 2,065,249; Dec. 22.
- Smullin, Edmond O., Clay Center, Kans. Musical instrument. 2,039,985; May 5.
- Smulski, Theodore J. (See Anderson, J. W., and Smulski.)
- Smulski, Theodore J., Gary, Ind. Reproducing apparatus. 2,035,099; Mar. 24.
- Smulski, Theodore J., assignor to The Anderson Company, Gary, Ind. Electric control system. 2,028,570; Jan. 21.
- Smulski, Theodore J., assignor to The Anderson Company, Gary, Ind. Electric control system. 2,028,571; Jan. 21.
- Smulski, Theodore J., assignor to The Anderson Company, Gary, Ind. Indicator. 2,040,217; May 12.
- Smulski, Theodore J., Lake Zurich, Ill., assignor to The Anderson Co., Gary, Ind. Indicating device. 2,051,912; Aug. 25.
- Smulski, Theodore J., assignor to The Anderson Company, Gary, Ind. Electrical apparatus. 2,061,048; Nov. 17.
- Smulski, Theodore J., assignor to The Anderson Company, Gary, Ind. Electrothermostatic apparatus. 2,063,705; Dec. 8.
- Smutny, Theodore J., assignor to Collegiate Mfg. Co., Inc., New York, N. Y. Combination beach robe and rug. 2,040,029; May 5.
- Smutny, Theodore J., assignor to Collegiate Mfg. Co., Inc., New York, N. Y. Garment. 2,053,227; Sept. 1.
- Smyer, Sidney J. (See Abernethy, J. W., Smyer, and Kuhn.)
- Smyly, Arthur L., Chicago, Ill. Making a hard surfaced cement. 2,028,956; Jan. 28.
- Smyly, Arthur L., Chicago, Ill. Oxidation of iron. 2,045,807; June 30.
- Smyly, Arthur L., Chicago, Ill. Manufacture of iron oxide. 2,045,808; June 30.
- Smyly, Arthur L., Chicago, Ill. Calorimeter. 2,058,522; Oct. 27.
- Smyser, Falor E. (See Folsom, E. C., and Smyser.)
- Smyser, Frederic H., Marblehead, Mass., assignor to the General Electric Company. Cellulosic material. 2,056,810; Oct. 6.
- Smyth, Harold E., Millville, Mass., assignor to Henry Owens & Company, Inc., Providence, R. I. Thread stop-motion. 2,064,697; Dec. 15.
- Smyth Manufacturing Company, The. (See Schramm, Carl, assignor.)
- Smythe, Edwin H. (See Loveridge, F. H., and Smythe.)
- Smythe, Edwin H., Evanston, Ill., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound picture apparatus. 2,027,207; Jan. 7.
- Smythe, Paul H., Jr., Chicago, Ill. Phonograph apparatus. 2,036,103; Mar. 31.
- Smythe, Philip R., Akron, Iowa. Carton. 2,057,852; Oct. 20.
- Snader, Howard B., Temple, assignor to Vanity Fair Silk Mills, Reading, Pa. Full fashioned hosiery knitting machine. 2,030,477; Feb. 11.
- Snappit Round Crystal Corporation. (See Small, Albert, assignor.)



- Snap-on Tools, Inc. (See Gagne, Gideon R., assignor.)  
 Snap-on Tools, Inc. (See Pilzer, Emil F., assignor.)  
 Snapp Foundry Inc. (See Heatwole, John R., assignor.)  
 Snavelly, Arnold R., Ashland, Ohio. Dental flask holder. 2,051,427; Aug. 18.  
 Snavelly, Clarence S., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Selective controlling and indicating apparatus. 2,062,839; Dec. 1.  
 Sneed & Company. (See Macdonald, Angus S., assignor.)  
 Sneed, Morton O., assignor to The Powers Regulator Company, Chicago, Ill. Thermostatic device. 2,055,675; Sept. 29.  
 Sneed, John, Grosse Pointe Shores, Mich. Friction brake. 2,054,470; Sept. 15.  
 Sneed John, Grosse Pointe Shores, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio, trustee for Steeldraulic Brake Corporation, Detroit, Mich. Brake. 2,031,390; Feb. 18.  
 Sneed, John, Fernhale, Mich., assignor, by mesne assignments, to The Midland Steel Products Company, Cleveland, Ohio, trustee for Steeldraulic Brake Corporation, Detroit, Mich. Brake. 2,035,843; Mar. 31.  
 Sneed, John, Ferndale, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio, trustee for Steeldraulic Brake Corporation, Detroit, Mich. Brake shoe. 2,048,574; July 21.  
 Snell, Foster D. (See Smith, Harry E., assignor.)  
 Snell, Foster D., Brooklyn, N. Y., and H. V. Moss, St. Louis, Mo., assignors to Swann Research, Inc., Sodium silicate detergent. 2,046,192; June 30.  
 Snell, Foster D., Inc. (See Haeseler, Kurt W., assignor.)  
 Snell, Joseph W., assignor to Durable Sign Company, Inc., Greenville, S. C. Sign. 2,048,359; July 21.  
 Snell, Samuel A., assignor to The Bingham Stamping & Tool Company, Toledo, Ohio. Welded article and process therefor. 2,031,863; Feb. 25.  
 Snell, Samuel A., assignor to The Bingham Stamping & Tool Company, Toledo, Ohio. Lifting jack. 2,054,025; Sept. 8.  
 Snell, Samuel A., assignor to The Bingham Stamping & Tool Company, Toledo, Ohio. Lever. 2,062,768; Dec. 1.  
 Sneathkamp, Ralph W., Champion Heights, Ohio. Gas plant. 2,049,333; July 28.  
 Sneyd, Frank N. (See Platt, J. A., and Sneyd.)  
 Snider, Robert D., West Middletown, assignor to The American Rolling Mill Company, Middletown, Ohio. Device for the housing of animals. 2,034,156; Mar. 17.  
 Snipes, C. L., Springer, N. Mex. Cattle guard. 2,052,851; Sept. 1.  
 Snoddy, Arnon O., and W. S. Martin, assignors to Procter & Gamble Company, The, Cincinnati, Ohio. Manufacture of wetting and foaming agents. 2,049,670; Aug. 4.  
 Snodgrass, Harrison V., Los Angeles, Calif. Gas mixer. 2,027,492; Jan. 14.  
 Snow, Greer B., Amelia Court House, Va. Gear shift for automobiles. 2,035,100; Mar. 24.  
 Snow, Harold A., Mountain Lakes, N. J., assignor to Radio Corporation of America. Automatic volume control circuits. 2,028,359; Jan. 21.  
 Snow, Harold A., Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Vacuum tube. 2,048,224; July 21.  
 Snow, Harold A., Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Vacuum tube. 2,048,225; July 21.  
 Snow, Harold A., Mountain Lakes, N. J., assignor to Radio Corporation of America. Vacuum tube. 2,048,226; July 21.  
 Snow, Harold A., Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Vacuum tube. 2,048,227; July 21.  
 Snow, Harold A., Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Vacuum tube. 2,048,228; July 21.  
 Snow, Harold A., Mountain Lakes, N. J., assignor to Radio Corporation of America. Vacuum tube. 2,048,229; July 21.  
 Snow, Harold A., Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Vacuum tube. 2,048,230; July 21.  
 Snow, Harold A., Mountain Lakes, N. J., assignor to Radio Corporation of America. Vacuum tube. 2,048,231; July 21.  
 Snow, Harold A., Mountain Lakes, N. J., assignor to Radio Corporation of America. Vacuum tube. 2,048,232; July 21.  
 Snow, Harold A., Mountain Lakes, N. J., assignor to Radio Corporation of America. Automatic volume control circuits. 2,065,910; Dec. 29.  
 Snow, Harold R., Neodesha, Kans., assignor to Standard Oil Company, (Indiana), Chicago, Ill. Treating hydrocarbon oil. 2,053,209; Sept. 1.  
 Snow, Herbert C. (See Muir, W., and Snow.)  
 Snow, Isaac, Lawrence, assignor to Draper Corporation, Hopedale, Mass. Loom shuttle. 2,059,180; Oct. 27.  
 Snow Manufacturing Co. (See Tow, James O., assignor.)  
 Snowden, William F., Brooklyn, N. Y. Door check. 2,063,526; Dec. 8.  
 Snyder, Aulden D., Cleveland, and A. F. Maier, Cleveland Heights, Ohio. Material fusing and projecting apparatus. 2,040,030; May 5.  
 Snyder, Cloyd L., South Bend, Ind. Aircraft. 2,062,148; Nov. 24.  
 Snyder, Edward, Fort Wayne, Ind. Winding apparatus. 2,030,660; Feb. 11.  
 Snyder, Francis H., Niagara Falls, N. Y., and S. F. M. MacLaren, Niagara Falls, Ontario, assignors to Industrial Research, Limited, Niagara Falls, Ontario, Canada. Protecting metal surfaces from corrosion. 2,052,363; Aug. 25.  
 Snyder, Frank D., Cardington, Ohio. Apparatus for the manufacture of prepared feeds. 2,047,599; July 14.  
 Snyder, Franklin L., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating equipment. 2,036,305; Apr. 7.  
 Snyder, George C., Elmhurst, N. Y., assignor, by mesne assignments, to President and Directors of The Manhattan Company, as trustee. Box. 2,048,476; July 21.  
 Snyder, Harold E., assignor to C. I. McAllister, Massillon, Ohio. Lapping method and apparatus. 2,039,852; May 5.  
 Snyder, Harry S., et al. (See Parks, R. D., and Hildenbrand, assignors.)  
 Snyder, Herbert W., Lima, Ohio, assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,044,109; June 16.  
 Snyder, Jacob R., Cleveland, Ohio. Shock absorber. 2,046,794; July 7.  
 Snyder, James E., Kenmore, assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Label. 2,046,492; July 7.  
 Snyder, James E., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Uniting materials. 2,060,906; Nov. 17.  
 Snyder, James E., Kenmore, and T. G. Finzel, Buffalo, assignors to du Pont Cellophane Company, Inc., New York, N. Y. Adhesive. 2,037,053; Apr. 14.  
 Snyder, James O., Indianapolis, Ind. Controlling compression in engines. 2,042,969; June 2.  
 Snyder, Johnson D. (See Goss, James H., and Snyder.)  
 Snyder, Lawrence B., assignor to Meinograph Process, Incorporated, Detroit, Mich. Reproducing colored copy on printing plates. 2,053,115; Sept. 1.  
 Snyder, Louis V., and T. Leggerie, Mount Vernon, N. Y. Resuscitating apparatus. 2,036,371; Apr. 7.  
 Snyder, Sol, Edgemere, N. Y. Preparing desiccated milk of magnesium and product resulting therefrom. 2,052,902; Sept. 1.  
 Snyder, Thomas A. (See Fuller, F. A., and Snyder.)  
 Snyder, Walter E., Troy, N. Y. Toggle bolt. 2,059,153; Oct. 27.  
 Snyder, William B., Schenectady, N. Y., assignor to General Electric Company. Rolling mill. 2,049,332; July 28.  
 Snyder, William E. (See Vogt, C. W., and Snyder.)  
 Sobatzki, Raymond J. (See Peck, F. W., and Sobatzki.)  
 Sobatzki, Raymond J., Philadelphia, Pa., and J. C. Kinahan, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing dimethoxydibenzanthrone. 2,042,414; May 26.  
 Sobel, Adolph J., Brooklyn, N. Y. Garter. 2,040,635; May 12.  
 Sobemi (abbreviation de: Société Belge d'Emballages Metalliques Industriels) Société Anonyme. (See Heymans, Paul, assignor.)  
 Sobie, Julius W., et al. (See Sobie, Sol, assignor.)  
 Sobie, Sol, Brooklyn, N. Y., assignor to J. D. Tarlowe, J. W. Sobie, and L. Kaufman. Ornamental composite fabric. 2,045,317; June 23.  
 Sobota, Andrew, assignor of one-half to A. Zachar, Philadelphia, Pa. Spool. 2,049,334; July 28.  
 Sochor, Zdeněk, Dvur Kralove nad Labem, Czechoslovakia. Machine for the wet treatment of materials. 2,062,945; Dec. 1.  
 Società Anonima "Officina Meccanica St. Andrea-Novara". (See Schleifer, Carlo, assignor.)  
 Società Italiana Pirelli. (See Cozzo, Giuseppe, assignor.)  
 Società Italiana Pirelli. (See Emanuelli, Luigi, assignor.)  
 Società Italiana Pirelli. (See Pestalozza, Ugo, assignor.)  
 Societe Alsacienne d'Explosifs (Societe a Responsabilite Limitée). (See Petter, Charles G., assignor.)  
 Société Anonyme Adolphe Saurer. (See Wyss, Walter, assignor.)  
 Société Anonyme Compagnie des Forges de Chatillon, Commentry & Neuves-Maisons. (See Quichon, Paul, assignor.)  
 Société Anonyme des Anciens Etablissements Braunstein Freres. (See Braunstein, Roger, assignor.)  
 Societe Anonyme Des Anciens Etablissements Hotchkiss & Cie. (See Sutter, C., and Dugled, assignors.)  
 Societe Anonyme des Chantiers et Ateliers de Saint-Nazaire (Penhoet). (See Pugnet, Rene, assignor.)  
 Societe Anonyme des Etablissements A. Olier. (See Olier, André, assignor.)  
 Societe Anonyme Des Manufactures Des Glaces & Produits Chimiques De Saint-Gobain, Chauny & Cirey. (See George, Henri, assignor.)  
 Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint Gobain, Chauny & Cirey. (See Boudin, Louis, assignor.)  
 Societe Anonyme des Pneumatiques Dunlop. (See Talon, Augustin, assignor.)  
 "Société Anonyme des Usines Chausson." (See Mollet, Léon J., assignor.)  
 Societe Anonyme Du Servo Frein Dewandre. (See Dewandre, Albert, assignor.)  
 Société Anonyme: Etablissements Ed. Jaeger. (See Rodanet, Charles H. H., assignor.)



- Societe Anonyme Etablissements Rouchaud & Lamassiaude. (See Rouchaud, Fernand A., assignor.)
- Société Anonyme, F. A. C. A. (See Blanchet, P., and Tillie, assignors.)
- Société Anonyme: Fours et Appareils Stein. (See Stein, Charles M., assignor.)
- Société Anonyme Francaise. (See Perrier, Daniel, assignor.)
- Société Anonyme Francaise du Ferodo. (See Amirault, Maxime, assignor.)
- Société Anonyme Francaise said: "Les Produits Chimiques Purs". (See Berthelemy, P., and Baylocq, assignors.)
- Societe Anonyme Le Carbone. (See Oppenheim, René, assignor.)
- Société Anonyme pour les Applications de l'Electricite & des Gaz Rares Etablissements Claude-Paz & Silva. (See Aexlos, J. G., and Claude, assignors.)
- Société Anonyme pour les Applications de l'Electricite & des Gaz Rares Etablissements Claude-Paz & Silva. (See Bethenod, J., and Claude, assignors.)
- Société Anonyme pour les Applications de l'Electricite et des Gaz Rares Etablissements Claude-Paz & Silva. (See Claude, André, assignor.)
- "Societe Anonyme Solex." (See Mennesson, Marcel L., assignor.)
- Société: Assurex, Le "Roi des Verres de Securite" Magnien, Monnier et Cie., et al. (See Magnien, Raymond, assignor.)
- Société Bronzavia. (See Kitroser, Isaac, assignor.)
- Societe Carbochimique, Société Anonyme. (See Ferrero, P., and Vandendries, assignors.)
- Société d'Electricite Mors. (See Le Goff, Lucien J. A., assignor.)
- Société d'Electrochimie, d'Electrometallurgie et des Acieries Electriques d'Ugine. (See Andrieux, Jean L., assignor.)
- Société d'Electrochimie, d'Electrometallurgie et des Acieries Electriques d'Ugine. (See Bornhauser, Oscar, assignor.)
- Societe d'Electrochimie, d'Electrometallurgie et des Acieries Electriques d'Ugine. (See Perrin, René, assignor.)
- Societe d'Electrochimie, d'Electrometallurgie et des Acieries Electriques d'Ugine. (See Perrin, René M. V., assignor.)
- Societe Des Applications "Guilux". (See Le Guillou, René J., assignor.)
- Societe des Ciments Francais et des Portland de Boulogne-sur-Mer et Compagnie des Portland de Desvres. (See Coiffu, Pierre, assignor.)
- Société des Moteurs Salmson. (See Heinrich, Jean, assignor.)
- Société des Procédés Serge Beaune. (See Beaune, Serge, assignor.)
- Societe des Usines Chimiques Rhone-Poulenc. (See Berger, P., and Bidaud, assignors.)
- Societe des Usines Chimiques Rhone-Poulenc. (See Cottet, Emile C., assignor.)
- Societe des Usines Chimiques Rhone-Poulenc. (See Delépine, M., and Gailliot, assignors.)
- Societe des Usines Chimiques Rhone-Poulenc. (See Fourneau, Ernest, assignor.)
- Société d'Etude pour l'Épuration des Eaux "Procedes G. et B." (See Giraud, Pierre R., assignor.)
- Société d'Etudes pour la Fabrication et l'Emploi des Engrais Chimiques. (See André, Louis, assignor.)
- Société d'Exploitation de Brevets pour l'Industrie l'Aviation et l'Automobile (Sebia). (See Dugelay, Paul, assignor.)
- Societe d'Exploitation des Brevets Lucien Simon (Amortisseurs Sanchok) (Societe Anonyme). (See Simon, Lucien, assignor.)
- Société D'Exploitation Des Procedes Dabeg, The Firm. (See Rine-Bruneau, Paul, assignor.)
- Société D'Inventions Aeronautiques et Mecaniques S. L. A. M. (See Lévy, Réne L., assignor.)
- Société du Caoutchouc Manufacturé. (See Mouilbau, Jules, assignor.)
- Société Etablissements Lambiotte Freres. (See Coutor, Charles, assignor.)
- Societe Francaise Radio-Electrique. (See Chireix, Henri, assignor.)
- Societe Generale Isothermos S. A. (See Bastin, Louis H. P., assignor.)
- Société Industrielle de Ferblanterie. (See Polly, Daniel, assignor.)
- Société la Precision Moderne. (See Parvillé, Maurice, assignor.)
- Société Lyonnaise de Textiles. (See Cusin, Maurice, assignor.)
- Societe Nobel Francaise (Societe Anonyme). (See Belloc, Maurice, assignor.)
- Societe Pour L'Exploitation Des Brevets A. G. I. (See Gillet, André A., assignor.)
- Société S. I. M. E. C. (Societe Industrielle de Materiel D'Entreprise et de Construction). (See Dubois, Charles E. F., assignor.)
- Societe S. P. H. I. N. X. (See Sanctorum, Charles, assignor.)
- Société van Cleef & Arpels. (See Arpels, Salomon dit C., assignor.)
- Society Compagnie de Chauffage Central par le Vide. (See Lavergne, Jean, assignor.)
- Society Comptoir d'Appareils Textiles, Société à Responsabilité Limitée. (See Blum, Izchak, assignor.)
- Society "L'Accessoire De Precision". (See Malivert, Jules E., assignor.)
- Society L'Aerotopographie. (See Ferber, Robert, assignor.)
- Society "L'Huile Des Records Du Monde S. A. F." (See Dintilhac, Jean G., assignor.)
- Society of Chemical Industry in Basle. (See Ackermann, Franz, assignor.)
- Society of Chemical Industry in Basle. (See Anderau, Walter, assignor.)
- Society of Chemical Industry in Basle. (See Bonhôte, Gérald, assignor.)
- Society of Chemical Industry in Basle. (See Bonhôte, G., and Apotheker, assignors.)
- Society of Chemical Industry in Basle. (See Bonhôte, G., and Danuser, assignors.)
- Society of Chemical Industry in Basle. (See Catineau, A., and Dür, assignors.)
- Society of Chemical Industry in Basle. (See Felix, F., and Huber, assignors.)
- Society of Chemical Industry in Basle. (See Felix, F., Bommer, and Huber, assignors.)
- Society of Chemical Industry in Basle. (See Felix, F., and Scheidegger, assignors.)
- Society of Chemical Industry in Basle. (See Gränacher, Charles, assignor.)
- Society of Chemical Industry in Basle. (See Graenacher, C., and Ackermann, assignors.)
- Society of Chemical Industry in Basle. (See Graenacher, C., Ackermann, Landolt, and Geigy, assignors.)
- Society of Chemical Industry in Basle. (See Graenacher, C., and Sallmann, assignors.)
- Society of Chemical Industry in Basle. (See Grieshaber, Fritz, assignor.)
- Society of Chemical Industry in Basle. (See Gyr, Joseph, assignor.)
- Society of Chemical Industry in Basle. (See Gyr, J., and Kaiser, assignors.)
- Society of Chemical Industry in Basle. (See Hartmann, M., and Wettstein, assignors.)
- Society of Chemical Industry in Basle. (See Hauser, H., and Bommer, assignors.)
- Society of Chemical Industry in Basle. (See Jaeck, W., and Schürch, assignors.)
- Society of Chemical Industry in Basle. (See Kambli, E., Fröhlich, and Stöcklin, assignors.)
- Society of Chemical Industry in Basle. (See Kambli, E., and Stöcklin, assignors.)
- Society of Chemical Industry in Basle. (See Kern, Walter, assignor.)
- Society of Chemical Industry in Basle. (See Knecht, O., Kappeler, and Apotheker, assignors.)
- Society of Chemical Industry in Basle. (See Krauer, Karl, assignor.)
- Society of Chemical Industry in Basle. (See Landolt, Albert, assignor.)
- Society of Chemical Industry in Basle. (See Moser, W., and Fioroni, assignors.)
- Society of Chemical Industry in Basle. (See Nold, H., and Jaeck, assignors.)
- Society of Chemical Industry in Basle. (See Ruperti, Andreas, assignor.)
- Society of Chemical Industry in Basle. (See Ruzicka, Leopold, assignor.)
- "Society of Chemical Industry in Basle." (See Schetelig, Paul, assignor.)
- Society of Chemical Industry in Basle. (See Schmid, Max, assignor.)
- Society of Chemical Industry in Basle. (See Scholl, R., and Meyer, assignors.)
- Society of Chemical Industry in Basle. (See Siebenbürger, Hugo, assignor.)
- "Society of Chemical Industry in Basle." (See Stöcklin, Ernst, assignor.)
- Society of Chemical Industry in Basle. (See Straub, F., Brunner, and Widmer, assignors.)
- Society of Chemical Industry in Basle. (See Straub, F., and Mayer, assignors.)
- Society of Chemical Industry in Basle. (See Sutter, Theodor, assignor.)
- Society of Chemical Industry in Basle. (See Theiler, Casimir, assignor.)
- Socony-Vacuum Company. (See Traver, Alfred E., assignor.)
- Socony-Vacuum Corporation. (See Prutzman, Paul W., assignor.)
- Socony-Vacuum Corporation. (See Story, B. W., and Fuller, assignors.)
- Socony-Vacuum Oil Company. (See Berry, Thomas M., assignor.)
- Socony-Vacuum Oil Company. (See Burkhard, Myron J., assignor.)
- Socony-Vacuum Oil Company. (See Curtis, Harry A., assignor.)
- Socony-Vacuum Oil Company. (See Francis, Alfred W., assignor.)
- Socony-Vacuum Oil Company. (See Herrmann, L. A., and Roehner, assignors.)
- Socony-Vacuum Oil Company. (See Klipfel, John M., assignor.)
- Socony-Vacuum Oil Company. (See Moran, Robert C., assignor.)
- Socony-Vacuum Oil Company. (See Moran, R. C., Evers, and Fuller, assignors.)
- Socony-Vacuum Oil Company. (See Rather, J. B., Beard, and Reiff, assignors.)
- Socony-Vacuum Oil Company. (See Reiff, Orland M., assignor.)



- Socony-Vacuum Oil Company. (See Sheldon, Howard W., assignor.)
- Socony-Vacuum Oil Company. (See Staber, Ernest H., assignor.)
- Socony-Vacuum Oil Company Incorporated. (See Beard, Leslie C., Jr., assignor.)
- Socony-Vacuum Oil Company, Inc. (See Berger, Henry G., assignor.)
- Socony-Vacuum Oil Company, Inc. (See Davis, H. S., and Francis, assignors.)
- Socony-Vacuum Oil Company, Incorporated. (See Reiff, O. M., and Badertscher, assignors.)
- Socony Vacuum Oil Company, Inc. (See Story, Bertrand W., assignor.)
- Soda Straw Manufacturing Corporation. (See Garling, Karl E., assignor.)
- Soden, Fred H., assignor to Continental Optical Company, Inc., Rochester, N. Y. Combined eyeglass pad and support. 2,041,975; May 26.
- Soderberg, Carl R., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine rotor construction. 2,029,681; Feb. 4.
- Soderberg, Carl R., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine gland. 2,040,218; May 12.
- Soderberg, Carl R., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Manufacturing blades. 2,063,706; Dec. 8.
- Soderberg, Carl R., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Manufacturing turbine nozzles. 2,063,707; Dec. 8.
- Soderberg, Sten E. B., Passaic, assignor to Leslie Company, Lyndhurst, N. J. Temperature regulator. 2,029,203; Jan. 28.
- Sodergreen, Axel L., Malverne, assignor to Herbert D. Pease, New York, N. Y. Making detergent. 2,049,476; Aug. 4.
- Soelch, George F. (See Ladewig, A. E., and Soelch.)
- Sofa, Arturo, New York, N. Y., assignor to H. B. Child, Medfield, Mass. Reproducing figure. 2,063,561; Dec. 8.
- Softened Rubber Limited. (See Ungar, Ralph M., assignor.)
- Soft-Lite Lens Company. (See Mendelsohn, W. A., and Shephard, assignors.)
- Sohl, Ralph W., Akron, Ohio, assignor, by mesne assignments, to Wingfoot Corporation, Wilmington, Del. Brake. 2,043,933; June 9.
- Sohl, Ralph W., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Making a rubber tire. 2,050,202; Aug. 4.
- Sohmer, Harry J. (See Heitzmann, Louis, assignor.)
- Sola Electric Co. (See Dickson, Ralph A., assignor.)
- Sola Electric Co. (See Sola, Joseph G., assignor.)
- Sola, Joseph G., Oak Park, assignor to Sola Electric Co., Chicago, Ill. Electrically operated switch. 2,051,622; Aug. 18.
- Solar Industries, Inc. (See Ballentine, Earle W., assignor.)
- Solar Manufacturing Corporation. (See Hetenyl, Paul, assignor.)
- Solari, Frank, San Diego, Calif. Device for cleaning out the overflow passages of wash basins. 2,045,731; June 30.
- Solari, Frank, San Diego, Calif. Device for cleaning out the overflow passages of wash basins. 2,045,732; June 30.
- Solar-Sturges Mfg. Co. (See Meyer, P. H., Bethke, and Walker, assignors.)
- Solder Seal Corporation. (See MacLean, J. Showles, assignor.)
- Sole, John H. (See Duguid, J. M., and Sole.)
- Solescope, Incorporated. (See Howe, Thorndike, D., Jr., assignor.)
- Soley, William G. (See Benner, R. C., and Soley.)
- Soll, Arthur. (See Larson, L. A., and Soll.)
- Soller, Arnold. (See Sprague, P. T., and Soller.)
- Soller, Walter, assignor of one-half to W. H. Woodin, Jr., Tucson, Ariz. Oscillator system. 2,035,574; Mar. 31.
- Solomon, Frank, New York, assignor to B. Brier, Long Beach, N. Y. Transfer ink. 2,029,204; Jan. 28.
- Solomon, Guillermo, Santiago, Dominican Republic. Cigarette processing machine. 2,038,612; Apr. 28.
- Solomon, Guillermo, Santiago, Dominican Republic. Electronic tube. 2,040,883; May 19.
- Solomon, Nathan L., Brooklyn, N. Y. Hair curler. 2,031,285; Feb. 18.
- Solomon, Thomas N., assignor of one-fourth to C. E. Pellow and one-fourth to C. S. Pellow, Detroit, Mich. Adjustable hinge structure for automobile bodies. 2,027,888; Jan. 14.
- Solon, Edwin M., Chicago, Ill. Package of matches. 2,031,011; Feb. 18.
- Solowinski, Joseph, Jr., New Windsor, N. Y. Radio and improved back therefor. 2,063,527; Dec. 8.
- Soltan, Alexander, Elmhurst, assignor to Novelty Slipper Co., Inc., New York, N. Y. Attachment for sewing machines. 2,046,493; July 7.
- Soltz, Herman, Woodside, assignor to General Register Corporation, New York, N. Y. Ticket issuing machine. 2,061,389; Nov. 17.
- Solvay Process Company, The. (See Hayes, J. W., and Britton, assignors.)
- Solvay Process Company, The. (See Keene, P. A., and Julien, assignors.)
- Solvay Process Company, The. (See Sundstrom, C., and Hayes, assignors.)
- Soman, Lester, assignor to Film Treatizer Corporation, New York, N. Y. Motion picture projector attachment. 2,037,602; Apr. 14.
- Soman, Mary E. U., Port Colborne, Canada, by decree of court, Mary E. Upthegrove. Detachable pail or like support for ladders. 2,051,060; Aug. 18.
- Somers, Richard H., U. S. Army, Mickleton, N. J., J. L. Gulon, U. S. Army, Kansas City, Mo., and J. C. Karnes, Buffalo, N. Y. System of and apparatus for observation and for range and position finding. 2,056,216; Oct. 6.
- Somervell, Howard, Evanston, assignor to American Steel Foundries, Chicago, Ill. Truck. 2,048,202; July 21.
- Somerville, Ian C. (See Turley, H. G., and Somerville.)
- Somes, Howard E., Detroit, Mich. Oven and system of ventilation therefor. 2,040,884; May 19.
- Sommer, Albert, New York, N. Y., assignor to T. R. C. Corporation, Wilmington, Del. Apparatus for producing pulverulent hydraulic binders with bituminous constituents. 2,055,224; Sept. 22.
- Sommer, Fritz. (See Haffner, F., and Sommer.)
- Sommer, Julius V. (See Schneider, H. G., and Sommer.)
- Sommer, Louis. (See Kelly, J. J., and Sommer, assignors.)
- Sommer, Martin H., New York, N. Y. Receptacle. 2,057,254; Oct. 13.
- Sommerfeld, Oscar E., Oak Park, Ill. Dental plate cleaning brush. 2,043,338; June 9.
- Sommers, Joseph A., and M. Friedman, Philadelphia, Pa. Lock stitching attachment. 2,033,858; Mar. 10.
- Sonabend, Abraham, Brooklyn, N. Y. Lock. 2,038,876; Apr. 28.
- Sonbert Machine Company, The. (See Engert, G. A., and Gibson, assignors.)
- Soudag, George W., Oakland, Calif., assignor to The American Rolling Mill Co., Middletown, Ohio. Surface drain culvert. 2,051,228; Aug. 18.
- Soneson, Walter P., et al. (See Montgomery, Floyd E., assignor.)
- Sonn, Emanuel J., Brooklyn, N. Y. Safety plate for gas burners. 2,037,603; Apr. 14.
- Sonne, John, Akron, Ohio. Electric sanitary safety razor. 2,052,495; Aug. 25.
- Sonneborn, L., Sons, Inc. (See Liberthson, Leo, assignor.)
- Sonnefeld, August, assignor to the firm Carl Zeiss, Jena, Germany. Microscope objective. 2,050,024; Aug. 4.
- Sonnenberg, Rudolph, South Bend, Ind. Automobile guard. 2,034,493; Mar. 17.
- Sonnenberg, Rudolph, South Bend, Ind. Holder for dental floss and the like. 2,052,520; Aug. 25.
- Sonnenburg, Clarence N., Baltimore, Md. Patty-hoe. 2,031,183; Feb. 18.
- Sonner, Philip J., Winfield, Kans. Baffle plate and radiant for gas heaters. 2,047,751; July 14.
- Sonner, Philip J., Winfield, Kans. Gas burner. 2,057,216; Oct. 13.
- Sonoco Products Company. (See Blanchet, Adias E., assignor.)
- Sonoco Products Company. (See Dunlap, Charles K., assignor.)
- Sonotone Corporation. (See Greibach, Emil H., assignor.)
- Sonotone Corporation. (See Nicholides, Emmanuel C., assignor.)
- Sonotone Corporation. (See White, Sidney Y., assignor.)
- Sontagh, John R., Audubon, and H. C. Holden, Woodbury, N. J., assignors to Radio Corporation of America. Intermittent feed mechanism. 2,064,275; Dec. 15.
- Soons, James E., Yonkers, assignor to Hoffman-Soons Electrical & Engineering Corporation, New York, N. Y. Change-over control of moving picture apparatus. 2,036,306; Apr. 7.
- Soper, Cleveland C., Kent, assignor to The Firestone Steel Products Company, Akron, Ohio. Metal container. 2,065,479; Dec. 22.
- Soper, Cleveland C., Kent, assignor to The Firestone Steel Products Company, Akron, Ohio. Metal container and making the same. 2,065,480; Dec. 22.
- Soper, John W., Baltimore, Md. Keyless lock. 2,034,997; Mar. 24.
- Soper, William H., Denver, Colo. Automatic lawn sprinkler. 2,057,217; Oct. 13.
- Sorensen, Albert, Washington, D. C. Heater. 2,031,551; Feb. 18.
- Sorensen, Alfred K., assignor to Crane Co., Chicago, Ill. Full area safety valve. 2,043,203; June 2.
- Sorensen, Andrew J. (See Whitelock, L. D., Bossart, Place, and Sorensen.)
- Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for communication systems. 2,029,396; Feb. 4.
- Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Communication system. 2,032,725; Mar. 3.
- Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for railway communication systems. 2,040,412; May 12.
- Sorensen, Andrew J., Edgewood, and L. R. Allison, Forest Hills, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa. Control system. 2,055,563; Sept. 29.
- Sorensen, Carl P., Chicago, Ill. Lighting system for vehicles. 2,046,976; July 7.
- Sorensen, Carl P., Chicago, Ill. Vehicle signaling system. 2,048,715; July 28.



- Sorensen, Charles E., and W. F. Pioch, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Welding machine. 2,057,794; Oct. 20.
- Sorensen, Henry, Los Angeles, Calif. Strut and antishearing member for girders. 2,058,364; Oct. 20.
- Sorensen, Charles E., Detroit, and L. S. Sheldrick, assignors to Ford Motor Company, Dearborn, Mich. Making vehicle wheels. 2,051,501; Aug. 18.
- Sorensen, Einar N., Fernandina, assignor of one-half to B. B. Brooks, Jacksonville, Fla. Washing and grading machine. 2,062,946; Dec. 1.
- Sorensen, Otto A., Lakeview, N. Y. Spray device. 2,061,987; Nov. 24.
- Sorensen, Rasmus C. P., Brooklyn, N. Y. Circuit breaker. 2,032,187; Feb. 25.
- Sørensen, Thora B. I., Copenhagen, Denmark. Folding collar. 2,059,663; Nov. 3.
- Sorenson, Niels A., and R. A. Walters, assignors to The Fostoria Pressed Steel Corporation, Fostoria, Ohio. Removal of abrading and other particles from suspension. 2,043,781; June 9.
- Sorenson, Wendell L., Brooklyn, N. Y. Artificial bait. 2,027,069; Jan. 7.
- Sorrentino, Ubaldo, New York, N. Y. Illustrated letter envelope. 2,052,729; Sept. 1.
- Sortore, Emerson J., Metuchen, and V. R. Kimball, Palisades Park, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Indicator dial operating mechanism. 2,046,977; July 7.
- Sosa, Augustus M. (See Schauer, L. L., and Sosa.)
- Sosa, Augustus M., assignor to Vulcan Corporation, Portsmouth, Ohio. Spray coating machine. 2,060,131; Nov. 10.
- Sosinski, Paul P., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Track shunting apparatus. 2,046,908; July 7.
- Sosinski, Paul P., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Track shunting apparatus. 2,057,255; Oct. 13.
- Soss, Joseph, Roselle, N. J. Concealed hinge. 2,040,279; May 12.
- Soss, Joseph, Roselle, N. J. Concealed hinge. 2,062,840; Dec. 1.
- Sosso, Giulio, Turin, Italy. Ammunition loading device with chain conveyor for small-arms. 2,031,433; Feb. 18.
- Sosson, Charles E., Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Ignition composition. 2,027,208; Jan. 7.
- Sosson, Charles E., Saltcoats, and H. Barlow, Falkirk, Scotland, assignors to Imperial Chemical Industries, Limited. Delay action electric fuse. 2,048,038; July 21.
- Soublier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Machine for forming hollow glass articles. 2,034,844; Mar. 24.
- Soublier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Glass gathering and molding apparatus. 2,038,808; Apr. 28.
- Soublier, Leonard D., and J. R. Hoge, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Glassware forming machine. 2,034,887; Mar. 24.
- Soukup, Frank R., Long Beach, Calif. Can cover remover. 2,044,129; June 16.
- Soule, Edward C., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of hydrogen peroxide. 2,035,101; Mar. 24.
- Soulé, Edward L., Oakland, Calif. Building material. 2,064,041; Dec. 15.
- Soule, George M., as trustee. (See Price, Manley R., assignor.)
- Soule, Leslie, et al., trustees. (See Dahl, Edward T., assignors.)
- Soulis, Harold A. (See Soulis, Wilbur T., assignor.)
- Soulis, Wilbur T., assignor to H. A. Soulis, Easton, Pa. Semitrailer. 2,050,471; Aug. 11.
- Soutar, Charles W. (See Burgoine, E., and Soutar.)
- Souter, Richard F., Armadale, and R. H. Murray, West Brunswick, Victoria, Australia. Burner for fuel oil and the like. 2,036,726; Apr. 7.
- South, Ernest H., Salisbury, Southern Rhodesia. Resilient wheel for vehicles. 2,048,575; July 21.
- Southam, George A., and G. R. Wainwright, assignor to Free Sewing Machine Co., Rockford, Ill. Rotary hook. 2,065,349; Dec. 22.
- Souther, B. L., Allison Park, C. L. Butler, and L. H. Cletcher, Pittsburgh, Pa., assignors to Mellon Institute of Industrial Research. Purification of apocrepine. 2,033,555; Mar. 10.
- Southern Acid and Sulphur Company. (See Pough, Francis H., assignor.)
- Southern Asbestos Company. (See Fabel, George S., assignor.)
- Southern Brighton Mills. (See Kelly, Timothy J., assignor.)
- Southern Brighton Mills. (See Morrison, Julian K., assignor.)
- Southern Cotton Oil Company, The. (See Royce, Harvey D., assignor.)
- Southern Kraft Corporation. (See Kondolf, Henry, assignor.)
- Southern Steel Company. (See White, Loyd J., assignor.)
- Southern Textile Machinery Company. (See De Spain, Thomas H., assignor.)
- Southern Webbing Mills, Inc. (See Joyce, Lyndon W., assignor.)
- Southey, Samuel J., Jr., Cleveland, Ohio. Tube dispenser. 2,062,364; Aug. 25.
- Southgate, George T., Forest Hills, N. Y. Electrolytic purification of water. 2,044,261; June 16.
- Southgate, George T., Forest Hills, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Brush structure. 2,042,279; May 26.
- Southgate, George T., Forest Hills, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Fluid fixture. 2,053,210; Sept. 1.
- Southgate, George T., Forest Hills, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Welding and cutting apparatus. 2,063,467; Dec. 8.
- Southworth, Edward, assignor to Southworth Machine Company, Portland, Maine. Humidifying apparatus. 2,060,257; Nov. 10.
- Southworth, Edward, Portland, and G. Whitney, Westbrook, assignors to Southworth Machine Company, Portland, Maine. Humidifying apparatus. 2,060,258; Nov. 10.
- Southworth, Francis E., New York, N. Y. Ashtray. 2,034,424; Mar. 17.
- Southworth Machine Company. (See Southworth, Edward, assignor.)
- Southworth Machine Company. (See Southworth, E., and Whitney, assignors.)
- Sovereign Machinery Company. (See Kershaw, Henry, assignor.)
- Soverhill, Harvey A., Chicago, Ill., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Safety device for electric heaters. 2,061,258; Nov. 17.
- Sovex Limited. (See Cadman, Hubert W., assignor.)
- Sowa, Frank J. (See Nieuwland, J. A., and Sowa.)
- Sowler, Percy F. C. (See Dickie, W. A., and Sowter.)
- Sowter, Percy F. C. (See Dickie, W. A., Finlayson, and Sowter.)
- Sowter, Percy F. C., Spondon, near Derby, England, assignor to Celanese Corporation of America. Textile yarn and the manufacture thereof. 2,044,130; June 16.
- Spacie, Thomas. (See Charter, J. A., and Spacie.)
- Spade, Henry E., Jackson, Mich. Steam trap. 2,053,641; Sept. 8.
- Spaeth, Charles, Cleveland, Ohio. System for the storing and handling of volatile or vaporizable liquids. 2,038,767; Apr. 28.
- Spaeth, Charles P., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Blasting cap charge. 2,031,677; Feb. 25.
- Spafford, Allen L., Cloquet, assignor to The Wood Conversion Company, Cloquet, Minn. Insulation pad and construction. 2,028,253; Jan. 21.
- Spafford, Allen L., assignor to Wood Conversion Company, Cloquet, Minn. Insulation structure. 2,045,733; June 30.
- Spain, Rowland W., assignor of one-half to Henry J. Tully & Company, New York, N. Y. Girdle and shorts. 2,059,820; Nov. 3.
- Spalding, A. G., & Bros. (See Reach, William F., assignor.)
- Spalding, Clarence G., Milford, assignor of one-half to G. R. Gould, New Haven, Conn. Laxative composition. 2,043,204; June 2.
- Spalding, John D. (See Hodge, A. J., and Spalding.)
- Spalding, John D., Los Angeles, Calif., assignor, by mesne assignments, to The National Superior Company, Toledo, Ohio. Rotary swivel. 2,031,337; Feb. 18.
- Spalding, John D., Los Angeles, Calif., assignor to The National Superior Company, Toledo, Ohio. Spring hook. 2,058,186; Oct. 20.
- Spalding, John D., Los Angeles, Calif., assignor to The National Superior Company, Toledo, Ohio. Spring hook. 2,058,187; Oct. 20.
- Spaloss, Frank. (See Fuchs, C. A., and Spaloss.)
- Spaloss, Frank, Hoboken, N. J., assignor, by mesne assignments, to Ralph C. Coxhead Corporation, New York, N. Y. Carriage driving and hammer returning mechanism. 2,030,411; Feb. 11.
- Spaloss, Frank, Hoboken, N. J., assignor, by mesne assignments, to Ralph C. Coxhead Corporation, New York, N. Y. Means to vary the impact of the printing element in typewriting machines. 2,051,112; Aug. 18.
- Spamer, Richard F. (See Hopkins, R. M., and Spamer.)
- Spamer, Richard F. (See Johnson, C. C., Hopkins, and Spamer.)
- Spänel, Abraham N., et al. (See Nilson, Lars G., assignor.)
- Spänel, Abraham N., and W. C. Henry, Rochester, N. Y.; said Henry assignor to said Spänel. Method and apparatus for making helically wound tubes. 2,048,360; July 21.
- Spang, Chalfont & Company. (See Burnish, Howard J., assignor.)
- Spang, Chalfant & Company. (See Eaton, George M., assignor.)
- Spang, Chalfant & Co. (See Rendleman, William N., assignor.)
- Spang, Joseph P., Quincy, Mass. Cooking appliance. 2,027,002; Jan. 7.
- Spangenberg, George R., Newark, N. J. Water heating. 2,061,174; Nov. 17.



- Spanner, Hans J., Berlin, Germany. Discharge device. 2,047,390; July 14.
- Spanner, Hans J., and E. Germer, Berlin, Germany, assignors, by mesne assignments, to said Hans J. Spanner. Discharge tube. 2,053,879; Sept. 8.
- Spargo, John. (See Mader, Emil A., assignor.)
- Sparklets Limited. (See Brewer, William, assignor.)
- Sparklin, Charles H., assignor to Birtman Electric Company, Chicago, Ill. Suction cleaner. 2,055,734; Sept. 29.
- Sparklin, Charles H., assignor to Birtman Electric Company, Chicago, Ill. Suction cleaner. 2,063,061; Dec. 8.
- Sparklin, Charles H., assignor to Birtman Electric Company, Chicago, Ill. Suction cleaner. 2,063,062; Dec. 8.
- Sparks, Joseph W., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Road oils. 2,059,051; Oct. 27.
- Sparks, Louis J., assignor of one-half to P. S. Thompson, Monticello, Ind. Permanent wave curler. 2,036,836; Apr. 7.
- Sparks Processes, Incorporated. (See Sparks, Stanley W., assignor.)
- Sparks, Rupert D., Williamson, W. Va. Recording device. 2,060,132; Nov. 10.
- Sparks, Stanley W., assignor to Sparks Processes, Incorporated, Norwalk, Conn. Making valve bodies. 2,063,528; Dec. 8.
- Sparks, Stanley W., assignor to Sparks Processes, Incorporated, Norwalk, Conn. Manufacture of extruded metal shapes by hot hydraulic extrusion. 2,063,562; Dec. 8.
- Sparks, Stanley W., assignor to Sparks Processes, Incorporated, Norwalk, Conn. Manufacture of extruded metal shapes by hot hydraulic extrusion. 2,063,563; Dec. 8.
- Sparks, William J. (See Reichert, J. S., and Sparks, assignors.)
- Sparks, William J., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Refining hydrocarbons. 2,042,557; June 2.
- Sparks-Withington Company, The. (See Scofield, Theodore J., assignor.)
- Sparling, Jacob L., Bay City, Mich., assignor of one-half to E. W. Sims, Chicago, Ill. Slip-on band for V-belts. 2,039,461; May 5.
- Spase, Charles B., Syracuse, N. Y., assignor to I. Saks. Clutch testing and rebuilding device. 2,044,818; June 23.
- Spase, Charles B., Syracuse, N. Y., assignor to Ira Saks. Clutch plate. 2,053,849; Sept. 8.
- Spase, Charles B., Syracuse, N. Y., assignor to I. Saks, Cleveland, Ohio. Clutch testing device. 2,059,407; Nov. 3.
- Spase, Charles B., Nedrow, assignor to W. C. Lipe Inc., Syracuse, N. Y. Clutch. 2,064,450; Dec. 15.
- Spase, Charles B., Nedrow, assignor to W. C. Lipe Inc., Syracuse, N. Y. Clutch. 2,064,499; Dec. 15.
- Spase, Charles B., Nedrow, assignor to W. C. Lipe Inc., Syracuse, N. Y. Clutch construction. 2,064,500; Dec. 15.
- Spath, Hermann. (See Fuchs, G., and Spath.)
- Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Forging means. 2,027,406; Jan. 14.
- Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Forging. 2,053,975; Sept. 8.
- Spaulding, Arch W. (See Freeze, J. R., and Spaulding.)
- Spaulding Fibre Co. Inc. (See Boyle, William E., assignor.)
- Spaulding Fibre Co. Inc., (See Boyle, W. E., and Van Lear.)
- Spaunburg, Harvey L., Bristol, Conn., assignor to Veeder-Root Incorporated. Counter. 2,040,026; May 5.
- Spaunburg, Harvey L., Bristol, Conn., assignor to Veeder-Root Incorporated. Counter. 2,040,031; May 5.
- Spear, John E., assignor of one-third to G. Maypole, and one-third to E. Werner, Helena, Mont. Valve. 2,030,332; Feb. 11.
- Spear, Lambert E., assignor to Blue Moon Cheese Products, Inc., Minneapolis, Minn. Measuring and filling mechanism. 2,031,912; Feb. 25.
- Spear, Lawrence Y., New London, assignor to Electric Boat Company, Groton, Conn. Periscope installation. 2,054,639; Sept. 15.
- Spear, Leolyn F. (See Logan, J. A., and Spear.)
- Spear, Leolyn F. (See Logan, J. A., and Spear, assignors.)
- Spear, Walter A., assignor to Victor Electric Products, Inc., Cincinnati, Ohio. Hot air apparatus. 2,043,934; June 9.
- Spearin, Chester R., Bellingham, Wash. Saw handle. 2,063,766; Dec. 8.
- Specht, Christian H. (See Lee, Frederick S., assignor.)
- Specht, Harry G., Montclair, assignor to Eastwood-Nealley Corporation, Belleville, N. J. Lubricated plug valve. 2,047,752; July 14.
- Specht, James E. (See Smith, G. W., and Specht.)
- Special Equipment Company. (See Ewald, Mark, assignor.)
- Specialty Automatic Machine Company. (See Sidebotham, Melvin H., assignor.)
- Specialty Insulation Manufacturing Company. (See Bateholts, Clinton, assignor.)
- Specialty Sales Corporation. (See Bavin, G. D., and Powell, assignors.)
- Specialty Sales Corporation. (See Powell, Max, assignor.)
- Speed, James A., Los Angeles, Calif. Carburetor. 2,060,538; Nov. 10.
- Speed, James A., assignor of one-fourth to A. M. Eckard and one-fourth to H. C. McManus, Los Angeles, Calif. Fuel feed for internal combustion engines. 2,051,351; Aug. 18.
- Speeder Machinery Corporation. (See Baker, Walter, assignor.)
- Speedry Gravure Corporation. (See Stouch, Clarence E., assignor.)
- Speer, Arthur R., Bronxville, N. Y. Apparatus for treating and dispensing beverages. 2,057,068; Oct. 13.
- Speer Carbon Company. (See Bemis, A. S., and May, assignor.)
- Speer Carbon Company. (See McQueer, Bert H., assignor.)
- Speer, John, Pittsburgh, Pa. Adjustable screen. 2,047,085; July 7.
- Speers, Mary W. F. (See Rinker, B. S., and Speers.)
- Speich, Edward W., Lima, Ohio. Catching dirt from agitator operating mechanism. 2,048,146; July 21.
- Speicher, William P. J., North East Township, Erie County, Pa., assignor to General Electric Company. Refrigerating cabinet. 2,027,845; Jan. 14.
- Speidel Corporation. (See Augenstein, Karl C., assignor.)
- Spelden, Fillison L., Atlanta, Ga., assignor to Mergenthaler Linotype Company. Printing form. 2,065,156; Dec. 22.
- Speik, Frederick A. (See Blake, William F., assignor.)
- Speik, Frederick A., South Pasadena, Calif. Mop and making same. 2,039,565; May 5.
- Speir, Godfrey B., Hempstead, N. Y., assignor, by mesne assignments, to Curtiss Aeroplane & Motor Company, Inc. Wheel starter. 2,050,741; Aug. 11.
- Speke, Frank C. (See Budd, D. B., and Speke.)
- Spelman, Isador. (See Miller, C., and Spelman.)
- Spelman, Mabel R. (See Philp, Hubert E., assignor.)
- Spellman, William R., Wilmington, Calif. Rotary combustion engine. 2,061,049; Nov. 17.
- Spellmeyer, Erwin F. (See John, R., and Spellmeyer.)
- Spellmeyer, Erwin F., East Orange, N. J. Aging alcoholic beverages. 2,031,232; Feb. 18.
- Spellmeyer, Erwin F., East Orange, N. J. Accelerating chemical reactions. 2,047,839; July 14.
- Spence, Earl F., and L. T. Lindquist, Fairfield, Ala. Roll temperature regulator for sheet mills. 2,064,182; Dec. 15.
- Spence, John L., Jr., Brooklyn, N. Y. Backlast and wear take-up for gears. 2,061,684; Nov. 24.
- Spence, Le Roy U. (See Andrews, C. E., and Spence.)
- Spence, Paulsen, East Orange, N. J. Temperature control device. 2,040,109; May 12.
- Spence, Peter, & Sons Limited, et al. (See Coles, W. V., and Riley, assignors.)
- Spence, Peter, & Sons, Limited. (See Crundall, Sydney F. W., assignor.)
- Spence, Zeno B., Goldsboro, N. C. Separable fastener. 2,053,747; Sept. 8.
- Spencer, Alexander, Westminster, London, England. India rubber spring. 2,032,100; Feb. 25.
- Spencer, Allard W., Winchester, assignor to J. P. Eustis Manufacturing Company, Cambridge, Mass. Support for bathroom articles and the like. 2,061,855; Nov. 24.
- Spencer, Earl E. (See Fennell, R. S., and Spencer.)
- Spencer, Grover C., Fort Myers, Fla. Trousers display fixture. 2,063,767; Dec. 8.
- Spencer, Howard F. (See Morton, W. A., and Spencer.)
- Spencer, James A., Teaneck, N. J., assignor to News Projection Corporation, New York, N. Y. Quotation projecting or analogous apparatus. 2,030,900; Feb. 18.
- Spencer, John A., Newtonville, Mass. Pump. 2,050,391; Aug. 11.
- Spencer, John A., Newtonville, Mass., assignor to General Plate Company, Attleboro, Mass. Thermally operated valve. 2,039,358; May 5.
- Spencer, John A., Newtonville, assignor to General Plate Company, Attleboro, Mass. Thermostatically controlled device. 2,040,762; May 12.
- Spencer, John A., Newtonville, assignor to General Plate Company, Attleboro, Mass. Thermostatically controlled device. 2,046,188; June 30.
- Spencer, John A., Newtonville, assignor to General Plate Company, Attleboro, Mass. Thermostat. 2,057,853; Oct. 20.
- Spencer, John A., Newtonville, assignor to General Plate Company, Attleboro, Mass. Thermostatic control. 2,066,162; Dec. 29.
- Spencer Lens Company. (See MacDonald, George S., assignor.)
- Spencer, Lloyd, assignor to The Technicraft Engineering Corp., Los Angeles, Calif. Collar breaker. 2,037,938; Apr. 21.
- Spencer, Lyle E., Chicago, Ill., assignor to Holland Furnace Company, Holland, Mich. Heater. 2,046,660; July 7.
- Spencer Manufacturing Co., The. (See Johnson, Forrest F., assignor.)
- Spencer, Millard C., East Orange, assignor to Crocker-Wheeler Electric Manufacturing Company, Ampere, N. J. Internal combustion engine. 2,061,600; Nov. 24.
- Spencer, Percy L., West Newton, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Thermionic gaseous discharge device. 2,048,203; July 21.
- Spencer, Percy L., West Newton, assignor to Raytheon Production Corporation, Newton, Mass. Thermionic gaseous discharge rectifier. 2,053,501; Sept. 8.



- Spencer, Percy L., West Newton, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Inverter. 2,056,412; Oct. 6.
- Spencer, Philip L., assignor to Watson-Williams Manufacturing Company, Millbury, Mass. Heddle frame. 2,033,359; Mar. 10.
- Spencer, Philip L., assignor to Watson-Williams Manufacturing Company, Millbury, Mass. Self-threading shuttle eye. 2,059,756; Nov. 3.
- Spencer, Ralph A., Richmond, Calif. Separator for removing oil from water, sand, and gravel. 2,058,044; Oct. 20.
- Spencer, Thomas A., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching system. 2,041,873; May 26.
- Spencer Turbine Company, The. (See Paine, Wilbur V., assignor.)
- Spencer Turbine Company, The. (See Smith, Lester C., assignor.)
- Spencer, Vernon, Randwick, near Sidney, New South Wales, Australia. Tennis racquet. 2,059,917; Nov. 3.
- Spencer, Wilton H. (See Lepore, Alfred L., assignor.)
- Spencer, Kurt. (See Zimmermann, A., and Spencker.)
- Spender, Donald L., assignor to Scovill Manufacturing Co., Waterbury, Conn. Liquid dispenser. 2,029,743; Feb. 4.
- Spengler, Walter J., Sidney, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Magneto. 2,048,896; July 28.
- Spengler, Walter J., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magneto generator. 2,060,259; Nov. 10.
- Spengler, Walter J., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magneto generator. 2,060,260; Nov. 10.
- Spenlé, Erwin A. (See Schafmeister, P., and Spenlé.)
- Speranza, James, Wilmerding, Pa. Radiator cleaner and leak checker. 2,035,513; Mar. 31.
- Sperlich, Herman A., Detroit, Mich. Cabinet. 2,027,498; Jan. 14.
- Sperlich, Herman A., Highland Park, Mich. Extensible support for use in conjunction with cabinets and the like. 2,032,188; Feb. 25.
- Sperling, Ezra F., assignor to Baker Perkins Company, Inc., Saginaw, Mich. Bake oven. 2,052,060; Aug. 25.
- Sperling, Rudolph, assignor to Hi-Lo Corporation, Richmond, Ind. Sludge detecting and oil sampling gun. 2,057,398; Oct. 13.
- Sperr, Frederick W., Jr., Vineland, N. J., assignor of one-fourth to H. B. Cooke, Greenwich, Conn. Mulch and using the same. 2,029,343; Feb. 4.
- Sperr, Frederick W., Jr., Vineland, N. J. Cleaning and polishing material. 2,059,052; Oct. 27.
- Sperry, Albert, Plainfield, N. J. Package wrapper, bag or the like. 2,053,116; Sept. 1.
- Sperry, Arthur G., Hollis, N. Y. Vise jaw wiper for typographical machines. 2,064,698; Dec. 15.
- Sperry, Arthur G., Hollis, assignor to Intertype Corporation, Brooklyn, N. Y. Wiper for slug trimming knives. 2,030,036; Feb. 4.
- Sperry, Elmer A., Jr. (See Bassett, P. R., and Sperry.)
- Sperry, Elmer A., Jr., assignor to Sperry Products, Inc., Brooklyn, N. Y. Self-synchronous transmission-system-controlled servomotor. 2,058,642; Oct. 27.
- Sperry, Elmer A., Jr., assignor to Sperry Products, Inc., Brooklyn, N. Y. Testing lubricants. 2,065,625; Dec. 29.
- Sperry, Elmer A., Jr., Brooklyn, B. G. Carlson, Bellerose, and M. F. Bates, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Artificial horizon. 2,044,151; June 16.
- Sperry Gyroscope Company. (See Bassett, P. R., and Carlson, assignors.)
- Sperry Gyroscope Company. (See Bassett, P. R., and Sperry, assignors.)
- Sperry Gyroscope Company. (See Bates, Mortimer F., assignor.)
- Sperry Gyroscope Company. (See Carlson, Bert G., assignor.)
- Sperry Gyroscope Company. (See Carlson, B. G., and Carter, assignors.)
- Sperry Gyroscope Company. (See Carter, Leslie F., assignor.)
- Sperry Gyroscope Company. (See Chafee, E. W., Murtagh, and Myers, assignors.)
- Sperry Gyroscope Company. (See Hodgman, Frederick S., assignor.)
- Sperry Gyroscope Company. (See House, Frank R., assignor.)
- Sperry Gyroscope Company. (See Moseley, Francis L., assignor.)
- Sperry Gyroscope Company. (See Myers, S. G., and Chafee, assignors.)
- Sperry Gyroscope Company. (See Nisbet, Robert H., assignor.)
- Sperry Gyroscope Company. (See Riggs, Alger S., assignor.)
- Sperry Gyroscope Company. (See Sperry, E. A., Jr., Carlson, and Bates, assignors.)
- Sperry Gyroscope Company. (See Walter, Hollis, assignor.)
- Sperry Gyroscope Company. (See Willis, Horace H., assignor.)
- Sperry Gyroscope Company. (See Wittkuhns, B. A., and Hull, assignors.)
- Sperry Gyroscope Company. (See Wittkuhns, B. A., and Watkins.)
- Sperry Gyroscope Company. (See Zand, Stephen J., assignor.)
- Sperry Gyroscope Company Inc. (See Thomas, Harold L., assignor.)
- Sperry, James W., South Pasadena, Calif. Disk bit and disk retaining means. 2,055,615; Sept. 29.
- Sperry, John B., assignor to The American Well Works, Aurora, Ill. Activated sludge system and apparatus for sewage treatment. 2,047,640; July 21.
- Sperry, Luke H., Hopewell City, Va., assignor to Hercules Powder Company, Wilmington, Del. Apparatus for the continuous treatment of fibrous materials. 2,028,419; Jan. 21.
- Sperry, Paul A., New Haven, Conn. Fabric. 2,043,451; June 9.
- Sperry, Paul A., New Haven, Conn. Expanding and guiding apparatus. 2,064,993; Dec. 22.
- Sperry, Philmore F., Chicago, Ill., assignor to Excel Auto Radiator Company. Heat exchange apparatus. 2,031,012; Feb. 18.
- Sperry, Philmore F., Chicago, Ill., assignor to Excel Auto Radiator Company. Air distributing device. 2,045,002; June 23.
- Sperry Products, Inc. (See Braddon, Fred D., assignor.)
- Sperry Products, Inc. (See Carter, Leslie F., assignor.)
- Sperry Products, Inc. (See De Lanty, Loren J., assignor.)
- Sperry Products, Inc. (See Drake, Harcourt C., assignor.)
- Sperry Products, Inc. (See Drake, H. C., and Braddon, assignors.)
- Sperry Products, Inc. (See Perry, Walter M., assignor.)
- Sperry Products, Inc. (See Roede, Charles B., assignor.)
- Sperry Products, Inc. (See Sperry, Elmer A., Jr., assignor.)
- Sperry, Theodore A., assignor to Electric Devices Corporation, Indianapolis, Ind. Electric circuit breaker. 2,055,183; Sept. 22.
- Sperti, George, Covington, Ky., assignor to Sperti Lamp Corporation, New York, N. Y. Lamp. 2,034,998; Mar. 24.
- Sperti, George, Covington, Ky., assignor to Sperti Lamp Corporation, New York, N. Y. Electric light source. 2,046,096; June 30.
- Sperti, George, Covington, Ky., assignor to Sperti Lamp Corporation, New York, N. Y. Lamp. 2,058,734; Oct. 27.
- Sperti, George, Covington, Ky., assignor to Sperti Lamp Corporation, New York, N. Y. Lamp. 2,065,988; Dec. 29.
- Sperti Lamp Corporation. (See Sperti, George, assignor.)
- Sperzel, Peter J., Minneapolis, Minn. Sanitary support for toilet bowls. 2,060,698; Nov. 10.
- Spesso, Basilia, Turin, Italy. Rug and pile fabric manufacture. 2,048,413; July 21.
- Speth, George W., assignor to The Leece-Neville Company, Cleveland, Ohio. Voltage regulator with temperature compensation. 2,055,636; Sept. 29.
- Speth, Leonard S. (See Cole, D. S., and Speth.)
- Speth, Leonard S., assignor, by mesne assignments, to The Leece-Neville Company, Cleveland, Ohio. Electric generating system. 2,040,448; May 12.
- Spicer, Charles R., Hastings, Nebr. Uterine vent. 2,063,202; Dec. 8.
- Spicer, Clarence W., Toledo, Ohio. Conveyer for heat treating furnaces. 2,028,479; Jan. 21.
- Spicer, Clarence W., Toledo, Ohio. Universal joint. 2,037,281; Apr. 14.
- Spicer Manufacturing Corporation. (See Pearce, J. W. B., and Raviolo, assignor.)
- Spicer Manufacturing Corporation. (See Peterson, Carl D., assignor.)
- Spicer Manufacturing Corporation. (See Reed, Raymond, assignor.)
- Spicer Manufacturing Corporation. (See Watson, Howard S., assignor.)
- Spicer, Myrle H., Wisconsin Dells, Wis. Control for electric score boards. 2,060,431; Nov. 10.
- Spicer, Walter E., assignor, by mesne assignments, to C. F. Burgess Laboratories, Inc., Madison, Wis. Muffler. 2,046,193; June 30.
- Spickler, Charles A., Yardley, Pa. Cleaning attachment for integral line-casting type machines. 2,044,486; June 16.
- Spickler, Charles A., Yardley, Pa. Variable liner gauge for integral line-casting type machines. 2,061,925; Nov. 24.
- Spiegel, Charles J., Elizabeth, N. J. Electrical receptacle wall box and supporting device. 2,050,132; Aug. 4.
- Spiegl, Ellis H., Salinas, Calif. Gathering apparatus. 2,057,280; Oct. 13.
- Spiegler, Earl C., and F. J. Kudrna, Jr., Chicago, Ill. Mounting for vehicle wheels. 2,038,011; Apr. 21.
- Spielman, Milton H., Cuyahoga Falls, assignor to The Black & Decker Electric Company, Kent, Ohio. Heat gun. 2,031,391; Feb. 18.
- Spies, Joseph R., College Park, Md. Obtaining free silver and iodine from silver iodide. 2,060,539; Nov. 10.
- Spiesbach, Edward J., East St. Louis, Ill. Building trim. 2,034,541; Mar. 17.
- Spieß, Georg, Leipzig, Germany. Sheet separating and feeding device. 2,031,078; Feb. 18.
- Spieß, Georg, Leipzig, Germany. Sheet separating and feeding device. 2,038,877; Apr. 28.



- Spiess, Georg, Leipzig, Germany. Feed regulating device. 2,042,131; May 26.
- Spiess, Georg, Leipzig, Germany. Folding attachment. 2,065,989; Dec. 29.
- Spiess, Otto, New York, N. Y. Bathtub appliance. 2,045,110; June 23.
- Spieth, Benjamin. (See Perkins, C. T., and Spieth.)
- Spiller, George A., Columbus, Ohio. Brake head. 2,031,184; Feb. 18.
- Spiller, George A., Columbus, Ohio. Brake head. 2,035,676; Mar. 31.
- Spillman, Albert, North Tonawanda, N. Y. Amusement device. 2,063,468; Dec. 8.
- Spillman, Charles O., Beaver, assignor to Pittsburgh Tube Company, Pittsburgh, Pa. Butt-weld pipe. 2,039,746; May 5.
- Spindler, Walter E., assignor to Aluminum Specialty Company, Manitowoc, Wis. Handle mounting for kitchenware. 2,061,409; Nov. 17.
- Spine, Charles R., and L. Calaluca, Somerville, N. J. Shelf for gas ovens. 2,066,237; Dec. 29.
- Spinetta, Dominique, assignor to Preparation Industrielle des Combustibles, Nogent-sur-Marne, France. Automatic control device for the pneumatic cleaning of coal. 2,038,138; Apr. 21.
- Spinette, Victor, Brussels, Belgium. Automatic charging device for tunnel ovens. 2,032,446; Mar. 3.
- Spinette, Victor, Brussels, Belgium. Tunnel oven for cooking products by indirect heating. 2,058,524; Oct. 27.
- Spinks, Joseph M., Atlanta, Ga. Holder for toilet articles. 2,028,694; Jan. 21.
- Spinner, Isidore, Chicago, and P. V. Spinner, Wilmette, Ill. Bookbinder. 2,027,563; Jan. 14.
- Spinner, Isidore, Chicago, and P. V. Spinner, Wilmette, Ill. Binding books. 2,030,478; Feb. 11.
- Spinner, Philip V. (See Spinner, Isidore, and P. V.)
- Spinosa, A. V., trustee. (See Lurie, Erwin M., assignor.)
- Spire, Sheldon S., assignor to Syracuse Chilled Plow Co., Inc., Syracuse, N. Y. Harrow. 2,057,854; Oct. 20.
- Spire, William H., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Electrical metal gathering machine. 2,037,604; Apr. 14.
- Spiro, Amster, New York, N. Y. Board game. 2,064,229; Dec. 15.
- Spiro, Harry, Chicago, Ill. Dentistry. 2,029,003; Jan. 28.
- Spitalny, Fred, Elizabeth, N. J. Vanity case construction. 2,059,821; Nov. 3.
- Spitler, Harry R., Eaton, Ohio, and A. S. Cameron, assignor to W. J. Cameron, Chicago, Ill. Optical instrument. 2,057,983; Oct. 20.
- Spitz, Morris, Cleveland Heights, Ohio. Composite cutting and threading tool. 2,046,041; June 30.
- Spitz, Morris, Cleveland Heights, Ohio. Appliance for reseating tools. 2,051,580; Aug. 18.
- Spitzglass, Albert F., assignor to Republic Flow Meters Company, Chicago, Ill. Instrument. 2,038,768; Apr. 28.
- Spitzglass, Albert F., Chicago, Ill., assignor, by mesne assignments, to The Brown Instrument Company, Philadelphia, Pa. Controlling and recording instrument. 2,052,511; Aug. 25.
- Spitzglass, Albert F., Chicago, Ill., assignor, by mesne assignments, to The Brown Instrument Company, Philadelphia, Pa. Flow proportioning means. 2,052,512; Aug. 25.
- Spitzglass, Albert F., and O. T. Handwerk, assignors to Republic Flow Meters Company, Chicago, Ill. Calculating apparatus. 2,045,621; June 30.
- Spitzglass, Albert F., and O. T. Handwerk, Chicago, Ill., assignors, by mesne assignments, to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,050,813; Aug. 11.
- Spitzli, Donald H., Arlington, N. J., assignor to Congoleum-Nairn Inc. Floor surfacing structure. 2,034,927; Mar. 10.
- Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,055,914; Sept. 29.
- Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,057,697; Oct. 20.
- Splitter, Hans. (See Hessenland, M., Kublun and Splitter.)
- Spoelstra, William J., Hawthorne, N. J. Heat economizer. 2,032,553; Mar. 3.
- Spohr, Carl W., assignor to Mechanical Refrigerated Car Company, Chicago, Ill. Temperature controlled vehicle. 2,061,856; Nov. 24.
- Spokes, Ray E. (See Lidkea, H. J., and Spokes.)
- Spokes, Ray E., Ann Arbor, Mich., assignor to American Brakeblok Corporation, New York, N. Y. Backing for composition friction elements. 2,052,808; Sept. 1.
- Spokes, Ray E., and H. H. Willard, Ann Arbor, Mich., assignors to American Brakeblok Corporation, New York, N. Y. Friction element. 2,049,522; Aug. 4.
- Sponable, Earl I., assignor, by mesne assignments, to Movietone, Inc., New York, N. Y. Spliced film and producing the same. 2,049,523; Aug. 4.
- Spool Cotton Company, The. (See Andrews, George H., assignor.)
- Spooner, Albert E., Renfrew, Ontario, Canada. Gate opening and closing device. 2,045,207; June 23.
- Spooner, William W., Ikley, England. Treatment of webs of material. 2,060,430; Nov. 10.
- Spooner, William W., Ikley, England. Calendaring, drying, or like treatment of materials. 2,065,032; Dec. 22.
- Spoor, Bessie D. L., administratrix. (See Laughlin, Elmyr A.)
- Sporn, Philip. (See Cornell, E. S., Freitag, and Sporn.)
- Spoun, Fritz. (See Steindorff, A., Pfaff, Staudermann, Johannsen, and Spoun.)
- Spradlin, Harry D. (See Beisley, W. F., Spradlin, Deadrich, and Eckhoff.)
- Sprague, Julian K., Quincy, Mass., assignor, by mesne assignments, to Sprague Specialties Company. Electrolytic condenser. 2,049,671; Aug. 4.
- Sprague, Philip T., and A. Soller, assignors to The Hays Corporation, Michigan City, Ind. Portable instrument. 2,033,491; Mar. 10.
- Sprague, Robert C., and J. F. McCann, Williamstown, assignors to Sprague Specialties Company, North Adams, Mass. Electrolytic device. 2,064,183; Dec. 15.
- Sprague Specialties Company. (See Danziger, Harold I., assignor.)
- Sprague Specialties Company. (See Potter, F. H., and MacAlpine, assignors.)
- Sprague Specialties Company. (See Sprague, R. C., and McCann, assignors.)
- Sprague Specialties Company. (See Robinson, Preston, assignor.)
- Sprague Specialties Company. (See Robinson, P., and Collins, assignors.)
- Sprague Specialties Co. (See Robinson, P., and Shugg, assignors.)
- Sprague Specialties Company. (See Sprague, Julian K., assignor.)
- Spratt, Robert G. (See Rea, Thomas K., assignor.)
- Spray Engineering Company. (See Thompson, Wayne B., assignor.)
- Spray, Lester E., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote controlling apparatus. 2,057,543; Oct. 13.
- Spreckels Sugar Company. (See Meredith, S. C., Alston, and Winslow, assignors.)
- Spreckels Sugar Company. (See Meredith, S. C., Alston, Winslow, and White, assignors.)
- Sprecker, Alfred L., Freeport, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Automatic scale. 2,046,005; June 30.
- Sprecker, Alfred L., Freeport, assignor to International Business Machines Corporation, New York, N. Y. Protection system. 2,059,757; Nov. 3.
- Sprenger, George W. (See Twiss, P. E., and Sprenger.)
- Spring, Jack. (See Spring, Krischtof and J.)
- Spring, Joseph J., Berlin, assignor to The Goss and De Leeuw Machine Company, New Britain, Conn. Metalworking machine. 2,053,748; Sept. 8.
- Spring, Krischtof and J., Portland, Oreg. Burglar alarm. 2,045,285; June 23.
- Spring, Laverne W., and J. J. Kanter, assignors to Crane Co., Chicago, Ill. Wear testing machine. 2,037,939; Apr. 21.
- Springer, George. (See Uhren, A., and Springer.)
- Springer, John T., Los Angeles, Calif., assignor, by decree of court, to S. Springer, widow of said J. T. Springer, deceased. Repair patch for tire casings. 2,057,797; Oct. 20.
- Springer, John T., Los Angeles, Calif., assignor, by decree of court, to S. Springer, widow of said J. T. Springer, deceased. Casing side wall patch. 2,057,798; Oct. 20.
- Springer, Ray W., Detroit, Mich. Polishing wheel. 2,060,952; Nov. 17.
- Springer, Sherry. (See Springer, John T., assignor, by decree of court.)
- Springfield Boiler Company. (See Duram, Arthur E., assignor.)
- Springfield Wire & Tinsel Co. (See Bradford, Edward S., Jr., assignor.)
- Springford, Vernon H., and W. H. Ellis, Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Door construction. 2,056,081; Sept. 29.
- Sprink, Isaac W., Whitehouse, assignor to The Logan Gear Company, Toledo, Ohio. Pump. 2,028,360; Jan. 21.
- Sprink, Isaac W., Whitehouse, assignor to The Logan Gear Company, Toledo, Ohio. Quenching machine. 2,062,769; Dec. 1.
- Sprosty, Lawrence O., Lakewood, Ohio. Making double bags. 2,043,782; June 9.
- Sproull, Charles W., Houston, Tex. Pump. 2,046,588; July 7.
- Sproull, Charles W., Houston, Tex. Valve. 2,048,975; July 28.
- Sproull, Wayne T., Detroit, Mich. Protecting cushion for spectacle cases. 2,047,652; July 14.
- Sprouse, Clifton, Abbeville, S. C. Vehicle signal. 2,047,896; July 14.
- Sprout Limited. (See von Skrbensky, Gerhard, assignor.)
- Sprunger, Vernon J., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of dipped goods. 2,041,788; May 26.
- Spry, William M., Beaumont, assignor to The Peerless Machinery Company, Boston, Mass. Buffing or scouring machine. 2,056,542; Oct. 6.
- Spühl, Julius, St. Gallen, Switzerland. Machine for the manufacture of pocket bands containing upholstery springs. 2,032,510; Mar. 3.
- Spullies, William, Maywood, N. J. Compensating gib for noiseless elevators. 2,045,620; June 30.



- Spun Steel Corporation, The. (See Harrison, William R., assignor.)
- Spurrier, Frank, Berkeley, Calif. Overhead rail. 2,061,857; Nov. 24.
- Spyker, Geertruy E., executrix. (See Spyker, Jacobus.)
- Spyker, Jacobus, Amsterdam, Netherlands, Geertruy E. Spyker, executrix of said Jacobus Spyker, deceased, assignor to Henry H. Logan, Chicago, Ill. Hydraulic shock absorber system. 2,065,832; Dec. 29.
- Square D Company. (See Ball, Albert P., assignor.)
- Square D Company. (See Bierenfeld, Josef, assignor.)
- Square D Company. (See Horton, Bryson D., assignor.)
- Square D Company. (See Jackson, John G., assignor.)
- Square D Company. (See Mekelburg, Earl F., assignor.)
- Square D Company. (See Van Valkenburg, Hermon L., assignor.)
- Squarey, Edward M., Newark, N. J., assignor, by mesne assignments, to Tamper-Proof Seal Corporation. Container cover. 2,048,084; July 21.
- Squibb, E. R., & Sons. (See Christansen, W. G., and Harris, assignors.)
- Squibb, E. R., & Sons. (See Christiansen, W. G., and Lee, assignors.)
- Squibb, E. R., & Sons. (See Lott, William A., assignor.)
- Squibb, E. R., & Sons. (See Lott, W. A., and Jurist, assignors.)
- Squibb, E. R., & Sons. (See Nitardy, Ferdinand W., assignor.)
- Squier, George A., Cleveland, Ohio. Mounting for ophthalmic lenses. 2,041,440; May 19.
- Squire, Nathan E., assignor to Ford Amusement Devices, Inc., Chicago, Ill. Target device. 2,061,092; Nov. 17.
- Squires, Harry, Thompsonville, Conn. Siphon device. 2,060,432; Nov. 10.
- Squires, John, Hagerstown, Md. Apparatus for balancing propeller blades. 2,028,254; Jan. 21.
- Squires, John, Hagerstown, Md. Apparatus for forming propeller blades. 2,047,296; July 14.
- Squires, Martin O., San Francisco, Calif. Dental manikin. 2,029,682; Feb. 4.
- Srbek, Josef. (See Kubelka, P., and Srbek.)
- Staats, Franklin E., assignor to Staats Hydraulic Appliance, Inc., Peoria, Ill. Hydraulic clutch. 2,035,514; Mar. 31.
- Staats, Franklin E., assignor to Staats Hydraulic Appliance, Inc., Peoria, Ill. Hydraulic clutch and brake. 2,038,613; Apr. 28.
- Staats, Franklin E., assignor to Staats Hydraulic Appliance, Inc., Peoria, Ill. Hydraulic transmission. 2,054,207; Sept. 15.
- Staats Hydraulic Appliance, Inc. (See Staats, Franklin E., assignor.)
- Staats, Gilson C. (See Powell, J. H., and Staats.)
- Staber, Ernest H., Manhasset, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for filling containers. 2,048,897; July 28.
- Staber, Ernest H., Manhasset, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Construction of gasometer roof tanks. 2,061,175; Nov. 17.
- Stablein, Wilhelm, Berlin-Hermsdorf, Germany, assignor to General Electric Company. Telemetering and position-signaling device and system. 2,061,410; Nov. 17.
- Stacey, Alfred E., Jr., Essex Fells, and C. E. Ernst, Elizabeth, assignors, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J. Distributing air. 2,046,215; June 30.
- Stacey, Alfred E., Jr., Essex Fells, and S. E. Lyman, Elizabeth, assignors, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J. Method and apparatus for controlling atmospheric conditions within an enclosure. 2,055,988; Sept. 29.
- Stacey, Alfred E., Jr., Essex Fells, C. M. Ashley, South Orange, and H. R. Art, Elizabeth, assignors, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J. Air conditioning rail road cars. 2,059,715; Nov. 3.
- Stacey Bros. Gas Construction Company, The. (See Einbeck, Friedrich, assignor.)
- Stacey Bros Gas Construction Company, The. (See Luebbe, Raphael B., assignor.)
- Stacey, Ernest W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for operating upon rubber-stock and like material. 2,034,061; Mar. 17.
- Stacey, Ernest W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Driving mechanism. 2,034,062; Mar. 17.
- Stacey, Ernest W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Web-supplying apparatus. 2,034,063; Mar. 17.
- Stacey, Ernest W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Foxing cementing machine. 2,039,359; May 5.
- Stacey, Ernest W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon shoes. 2,041,095; May 19.
- Stacey, Ernest W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Foxing laying machine. 2,041,379; May 19.
- Stachow, Carl F., Bremen, Germany. Arrangement of door buffers on the doors of motor cars. 2,035,844; Mar. 31.
- Stack, Elmer S., Arlington, Mass. Water heating and storage system with dual thermostatic control. 2,032,447; Mar. 3.
- Stack, Henry K., Portland, Oreg. Construction in watercraft. 2,052,991; Sept. 1.
- Stack, Jay W. (See Cook, John A., assignor.)
- Stack, Nannie I., London, England. Garment pattern. 2,054,715; Sept. 15.
- Stäckel, Walter. (See Otto, C., and Stäckel.)
- Stackhouse, John H., Chicago, Ill., assignor to Sheridan Electro-Units Corporation. Iron heating unit. 2,049,089; July 28.
- Stackpole Carbon Company. (See Eynon, Howard B., assignor.)
- Stackpole Carbon Company, The. (See Hathorn, Clarence J., assignor.)
- Stackpole Carbon Company, The. (See Williams, Hiram A., assignor.)
- Stacy, Thomas F., assignor to The French Oil Mill Machinery Co., Piqua, Ohio. Steeping press. 2,027,252; Jan. 7.
- Stacy, Thomas F., assignor to The French Oil Mill Machinery Co., Piqua, Ohio. Hydraulic press system. 2,034,157; Mar. 17.
- Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Hydraulic press. 2,062,043; Nov. 24.
- Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Hydraulic system. 2,062,196; Nov. 24.
- Stader, Florence M., Plymouth, Mich. Shoulder strap holder. 2,046,589; July 7.
- Stadler, Morris, New York, N. Y. Lamp shade. 2,037,941; Apr. 21.
- Stadler, Robert. (See Schilling, H., and Stadler.)
- Stadler, Robert. (See Wilke, W., Stadler, and Lappe.)
- Staeger, Stephen A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical differential oil well drilling system. 2,032,155; Feb. 25.
- Staeger, Stephen A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transparency meter. 2,044,131; June 16.
- Staegemann, Eugene, Allendale, N. J., assignor to The Permutit Company (1934), Wilmington, Del. Water treating apparatus. 2,051,155; Aug. 18.
- Staeheil, Alfonse, New York, N. Y. Stand for collapsible tubes. 2,034,777; Mar. 24.
- Staff, Aaron S., New York, N. Y. Forming veils. 2,032,448; Mar. 3.
- Staffel, Gerald, San Antonio, Tex. Insect trap. 2,063,768; Dec. 8.
- Staffier, John. (See Freda, V., Staffier, and Sunderland.)
- Stafford, Charles E., Spondon, near Derby, England, assignor to Celanese Corporation of America. Manipulation of sheet material. 2,026,754; Jan. 7.
- Stafford, Dale A., Glendale, Calif., assignor of twenty-five per cent to P. E. Hanger. Reenforcing furring strip. 2,061,050; Nov. 17.
- Stafford, Hiram M., Chicago, Ill., assignor, by mesne assignments, to Sealdrok Company of New England. Method and apparatus for conditioning mineral aggregate. 2,041,155; May 19.
- Stafford & Holt, Inc. (See Stafford, J. A., and Wurzbacher, assignors.)
- Stafford, John A., and K. Wurzbacher, assignors to Stafford & Holt, Inc., Little Falls, N. Y. Take-up device for knitting machines. 2,037,282; Apr. 14.
- Stafford, Thomas H., Meredith, N. H. Generator for gas-mantle lamps. 2,062,770; Dec. 1.
- Stafford, William L., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Thermal insulating structure. 2,042,870; June 2.
- Staggers, William F., Mannington, W. Va. Safety hitch. 2,034,841; Mar. 24.
- Stagmeier, Arthur F., Montclair, N. J., assignor, by mesne assignments, to B and K Machinery Corporation. Machine for applying gummed tape to cartons. 2,052,903; Sept. 1.
- Stahl, Carl, New York, N. Y. Apparatus for forming dental crowns or the like. 2,058,838; Oct. 27.
- Stahl, Frank E., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Clamping device. 2,043,125; June 2.
- Stahl, Frank E., assignor to Columbus McKinnon Chain Company, Tonawanda, N. Y. Detent means for cable drums. 2,053,976; Sept. 8.
- Stahl, Frank E., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Cutting V-shaped ends on chain link blanks. 2,057,928; Oct. 20.
- Stahl, Frank E., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Adjustable clamp. 2,061,718; Nov. 24.
- Stahl, Frank E., and R. W. Waterstrat, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Strap fastener for tire chains. 2,027,003; Jan. 7.
- Stahl, Frank E., Tonawanda, and R. J. Kieffer, Getzville, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Gearing. 2,064,699; Dec. 15.
- Stahl, Fred A. (See Miller, C. O., and Stahl.)
- Stahl, Rodolphe, Detroit, Mich., assignor to Aristo Corporation. Core and oil therefor. 2,047,297; July 14.
- Stahl, Wilhelm, Lahr, Baden, assignor to firm Albert Nestler Actien Gesellschaft, Lahr, Baden, Germany. Ruler attachment. 2,029,899; Feb. 4.



- Stahl, Wilhelm, assignor to the firm: Albert Nestler A.-G., Lahr, Germany. Drawing machine. 2,052,904; Sept. 1.
- Stable, William. (See Calem, B., and Stable.)
- Stahlecker, Wilhelm, Cannstatt, assignor to Vereinigte Kugellagerfabriken Aktiengesellschaft, Stuttgart-Bad-Cannstatt, Germany. Floating bearing. 2,034,670; Mar. 17.
- Stahlecker, Wilhelm, Cannstatt, and M. Schmid, Stuttgart-Gablenberg, Germany, assignors to Vereinigte Kugellagerfabriken Aktiengesellschaft, Schweinfurt, Germany. Tension pulley. 2,032,556; Mar. 3.
- Stalb, Karl, and H. Heres, Rheinfelden in Baden, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Joint production of a soda lye, poor in sodium chloride, and of glauber salt. 2,034,999; Mar. 24.
- Stainbrook, Clyde E., Memphis, Tenn. Stapler for securing buckles or the like. 2,054,994; Sept. 22.
- Stair, Carlyle B., Downers Grove, Ill. Safety razor. 2,044,189; June 16.
- Stair, George W., Merino, Colo. Bearing assembly. 2,062,947; Dec. 1.
- Stakmore Co. (See Geller, Roscoe G., assignor.)
- Staky, Carl E. (See Payzer, S. D., and Staky.)
- Stalcup, Ernest F., Rutledge, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling apparatus. 2,044,022; June 16.
- Stalcup, Ernest F., Rutledge, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling apparatus. 2,044,644; June 16.
- Stalcup, Ernest F., Rutledge, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steam jet refrigeration apparatus. 2,051,185; Aug. 18.
- Stålemark, Fritz R. V. (See Vos, M., and Stålemark.)
- Staley, A. E., Manufacturing Company. (See Gill, Lowell O., assignor.)
- Staley, A. E., Manufacturing Company. (See Greenfield, Robert E., assignor.)
- Staley, Allen C., Birmingham, assignor to Chrysler Corporation, Detroit, Mich. Portable air compressor. 2,037,830; Apr. 21.
- Staley, Allen C., Birmingham, assignor to Chrysler Corporation, Detroit, Mich. Air conditioning system. 2,037,831; Apr. 21.
- Staley, Elmer B., Nairona Heights, Pa. Folding rocking chair. 2,048,147; July 21.
- Staley, J. Wayne, Mount Pulaski, Ill. Warning signal for vehicles. 2,039,360; May 5.
- Staley, Joseph H., Columbus, Ind. Seal for two-part mercury tube switch envelope. 2,045,003; June 23.
- Stålhane, Johan B., Stockholm, assignor to Bolidens Gruvaktiebolag, Stockholm, Sweden. Arsenate cement or cement mixture. 2,028,420; Jan. 21.
- Stålhane, Johan B., assignor to Bolidens Gruvaktiebolag, Stockholm, Sweden. Arsenate - aluminate - cement. 2,044,337; June 16.
- Stalker, Edward A., Ann Arbor, Mich. Preventing the separation of the flow from curved surfaces. 2,037,940; Apr. 21.
- Stalker, Edward A., Ann Arbor, Mich. Reducing the fluid resistance of propelled vehicles. 2,037,942; Apr. 21.
- Stalker, Edward A., Ann Arbor, Mich. Boundary layer control for wings. 2,041,786; May 26.
- Stalker, Edward A., Ann Arbor, Mich. Aircraft. 2,041,787; May 26.
- Stalker, Edward A., Ann Arbor, Mich. Aircraft. 2,041,789; May 26.
- Stalker, Edward A., Ann Arbor, Mich. Aircraft. 2,041,790; May 26.
- Stalker, Edward A., Ann Arbor, Mich. Aircraft. 2,041,791; May 26.
- Stalker, Edward A., Ann Arbor, Mich. Aircraft. 2,041,792; May 26.
- Stalker, Edward A., Ann Arbor, Mich. Slotted wing. 2,041,793; May 26.
- Stalker, Edward A., Ann Arbor, Mich. Aircraft. 2,041,794; May 26.
- Stalker, Edward A., Ann Arbor, Mich. Aircraft. 2,041,795; May 26.
- Stalker, Edward A., Ann Arbor, Mich. Aircraft. 2,041,796; May 26.
- Stalker, Edward A., Ann Arbor, Mich. Aerodynamic control of aircraft. 2,049,572; Aug. 4.
- Stalker, Edward A., Ann Arbor, Mich. Control of aircraft. 2,049,573; Aug. 4.
- Stallard, Burrell, Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency generator system. 2,049,179; July 28.
- Stallard, Burrell, Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Constant temperature device. 2,050,633; Aug. 11.
- Stallard, Roswell G., Longview, Wash. Water meter coupling. 2,058,735; Oct. 27.
- Stallman, Granville H., Chicago, Ill. Sausage stuffing machine. 2,038,247; Apr. 21.
- Stallmann, Otto. (See Weiland, H. J., and Stallmann.)
- Stalnaker, Earl G., Chicago, Ill. Electromagnetic relay. 2,056,745; Oct. 6.
- Stam, Martinus J., The Hague, Netherland. Preparing pulveriform rubber by spraying latex in a drying atmosphere. 2,035,437; Mar. 24.
- Stam, Martinus J., The Hague, Netherlands. Preparation of a plastic vulcanizable material from rubber, gutta-percha, balata and the like. 2,041,305; May 19.
- Stam, Orville, Los Angeles, Calif. Shirt suspensory. 2,027,622; Jan. 14.
- Stamberger, Pinkus, Cracow, Poland. Lavatories, bidets, etc. 2,065,104; Dec. 22.
- Stamets, William K. (See Hibbard, Robert L., assignor.)
- Stamm, Alfred J., Madison, Wis. Dedicated to the free use of the Public. Simultaneously seasoning and treating water-swollen fibrous materials. 2,060,902; Nov. 17.
- Stampe, Gerhard K. E. H., Lubeck, Germany, assignor to Bernhard Drager, Brasov, Rumania. Purifying device. 2,054,890; Sept. 22.
- Stampfli, Joseph. (See Lawson, H. L., and Stampfli.)
- Stampit Corporation. (See Neuhausen, Sebastian P., assignor.)
- Stampleman, Samuel C., Cohasset, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and blade. 2,051,656; Aug. 18.
- Stanco Inc. (See Grant, Dudley H., assignor.)
- Stanco Incorporated. (See Sankowsky, Nicholas A., assignor.)
- Standard Alcohol Company. (See Archibald, F. M., and Beamer, assignors.)
- Standard Alcohol Company. (See Archibald, F. M., and Janssen, assignors.)
- Standard Alcohol Company. (See Brooks, Benjamin T., assignor.)
- Standard Alcohol Company. (See Le Baron, Robert F., assignor.)
- Standard Brands Incorporated. (See Bennett, William G., assignor.)
- Standard Brands Incorporated. (See Braun, Géza, assignor.)
- Standard Brands, Incorporated. (See Epstein, A. K., and Harris, assignors.)
- Standard Brands Incorporated. (See Gore, H. C., Landis, and Frey, assignors.)
- Standard Brands Incorporated. (See Kirby, G. W., and Frey, assignors.)
- Standard Brands Incorporated. (See Schultz, Alfred, assignor.)
- Standard Brands Incorporated. (See Schultz, A., and Frey, assignors.)
- Standard Brands Incorporated. (See Schultz, A. S., Kirby, and Frey, assignors.)
- Standard Brands Incorporated. (See Swift, Freeman R., assignor.)
- Standard Cap and Seal Corporation. (See Brinton, Christian H., assignor.)
- Standard Cap & Seal Corporation. (See Tevander, Olof N., assignor.)
- Standard Cap and Seal Corporation. (See Thomas, Charles A., assignor.)
- Standard Car Truck Company. (See Webb, Edwin W., assignor.)
- Standard Coupler Company. (See Goodwin, Ernest G., assignor.)
- Standard Development Company. (See Blau, Ludwig W., assignor.)
- Standard Electric Stove Company, The. (See Pierson, Charles A., assignor.)
- Standard Electric Time Company, The. (See Keilien, Saul, assignor.)
- Standard Electric Time Company, The. (See Kenerson, Stanley M., assignor.)
- Standard Envelope Manufacturing Company, The. (See Pearce, Lewis C., assignor.)
- Standard Equipments, Inc. (See Greenwood, Richard F., assignor.)
- Standard-I. G. Company. (See Birkby, Harold S., assignor.)
- Standard-I. G. Company. (See Davis, Garland H. B., assignor.)
- Standard-I. G. Company. (See Ellis, Carleton, assignor.)
- Standard-I. G. Company. (See Fisher, Harold W., assignor.)
- Standard-I. G. Company. (See Haslam, Robert T., assignor.)
- Standard-I. G. Company. (See Herold, P., and Kaufmann, assignors.)
- Standard-I. G. Company. (See Kiss, Stephen A., assignor.)
- Standard-I. G. Company. (See Krauch, C., and Pier, assignors.)
- Standard-I. G. Company. (See Pier, Mathias, assignor.)
- Standard-I. G. Company. (See Pier, M., Engel, and Kroenig, assignors.)
- Standard-I. G. Company. (See Pier, M., Jacob, and Simon, assignors.)
- Standard-I. G. Company. (See Pier, M., Ringer, and Simon, assignors.)
- Standard-I. G. Company. (See Pier, M., Simon, and Kroenig, assignors.)
- Standard-I. G. Company. (See Starr, John V., assignor.)
- Standard-I. G. Company. (See Watts, R. N., and Harris, assignors.)
- Standard-Knapp Corporation. (See Kimball, Wallace D., assignor.)
- Standard-Knapp Corporation. (See Kimball, W. D., Braren, and McFaul, assignors.)
- Standard-Knapp Corporation. (See Kimball, W. D., Braren, and Schaefer, assignors.)
- Standard-Knapp Corporation. (See Kimball, W. D., McKalg, and Braren, assignors.)
- Standard-Knapp Corporation of New York. (See Braren, Cornelius I., assignor.)



Standard Mailing Machines Company. (See Storck, Frederick W., assignor.)  
 Standard Mirror Company. (See La Hodny, W., and Hoff, assignors.)  
 Standard Motor Company Limited, The. (See Grinham, Edward G., assignor.)  
 Standard Oil Company. (See Abderson, John A., assignor.)  
 Standard Oil Company. (See Adams, C. E., and Scheinman, assignors.)  
 Standard Oil Company. (See Adams, Elmer W., assignor.)  
 Standard Oil Company. (See Adams, E. W., and Flint, assignors.)  
 Standard Oil Company. (See Adams, E. W., and McNulty, assignors.)  
 Standard Oil Company. (See Adams, E. W., and Rogers, assignors.)  
 Standard Oil Company. (See Anderson, John A., assignor.)  
 Standard Oil Company. (See Anderson, Lossie E., assignor.)  
 Standard Oil Company. (See Arveson, Maurice H., assignor.)  
 Standard Oil Company. (See Bahlke, William H., assignor.)  
 Standard Oil Company. (See Bahlke, W. H., and Whitman, assignors.)  
 Standard Oil Company. (See Broderson, Henry J., assignor.)  
 Standard Oil Company. (See Brown, A. B., and Diwoky, assignors.)  
 Standard Oil Company, The. (See Burk, Robert E., assignor.)  
 Standard Oil Company. (See Chase, G. F., and Anderson, assignors.)  
 Standard Oil Company. (See Diggs, Sterling H., assignor.)  
 Standard Oil Company. (See Diggs, S. H., Beard, and Page, assignors.)  
 Standard Oil Company. (See Diggs, S. H., and Page, assignors.)  
 Standard Oil Company. (See Eastman, E. C., and Barnard, assignors.)  
 Standard Oil Company. (See Eisinger, John O., assignor.)  
 Standard Oil Company. (See Fitz Simons, Ogden, assignor.)  
 Standard Oil Company. (See Fitz Simons, O., and Croxton, assignors.)  
 Standard Oil Company. (See Flint, George W., assignor.)  
 Standard Oil Company. (See Gerhart, Howard L., assignor.)  
 Standard Oil Company. (See Hilliker, William P., assignor.)  
 Standard Oil Company. (See Keith, P. C., Jr., Forrest, and Van Horn, assignors.)  
 Standard Oil Company. (See Kuentzel, W. E., and Geissman, assignors.)  
 Standard Oil Company. (See MacLaren, Frederick H., assignor.)  
 Standard Oil Company. (See MacLaren, F. H., and Stockdale, assignors.)  
 Standard Oil Company. (See Malick, Boyd C., assignor.)  
 Standard Oil Company, The. (See McConnell, Elliott B., assignor.)  
 Standard Oil Company. (See McNeil, Claude P., assignor.)  
 Standard Oil Company. (See Montgomery, Samuel A., assignor.)  
 Standard Oil Company. (See Page, James M., Jr., assignor.)  
 Standard Oil Company. (See Parkhurst, George L., assignor.)  
 Standard Oil Company. (See Paulus, M. G., and Thompson, assignors.)  
 Standard Oil Company. (See Payne, Donald E., assignor.)  
 Standard Oil Company. (See Price, William A., assignor.)  
 Standard Oil Company. (See Roberts, Edward N., assignor.)  
 Standard Oil Company. (See Roberts, Joseph K., assignor.)  
 Standard Oil Company. (See Roberts, J. K., and Carpenter, assignors.)  
 Standard Oil Company. (See Robinson, Jack, assignor.)  
 Standard Oil Company. (See Rogers, Francis M., assignor.)  
 Standard Oil Company, The. (See Rose, Bernard L., assignor.)  
 Standard Oil Company. (See Ruthruff, Robert F., assignor.)  
 Standard Oil Company. (See Ruthruff, R. F., Roberts, and Carpenter, assignors.)  
 Standard Oil Company. (See Schroeder, Carl J., assignor.)  
 Standard Oil Company. (See Seelig, W. F., and Wheeler, assignors.)  
 Standard Oil Company. (See Shepard, James H., assignor.)  
 Standard Oil Company. (See Shoemaker, B. H., and Taylor, assignors.)  
 Standard Oil Company, The. (See Smoots, John P., assignor.)  
 Standard Oil Company. (See Sparks, Joseph W., assignor.)  
 Standard Oil Company. (See Stauffer, John C., assignor.)  
 Standard Oil Company. (See Sullivan, Frederick W., Jr., assignor.)  
 Standard Oil Company. (See Sullivan, F. W., Jr., and Ruthruff, assignors.)

Standard Oil Company. (See Voorhees, Vanderveer, assignor.)  
 Standard Oil Company. (See Watts, George W., assignor.)  
 Standard Oil Company. (See Watts, G. W., and Mathews, assignors.)  
 Standard Oil Company. (See Wilson, Robert E., assignor.)  
 Standard Oil Company (Indiana). (See McGee, J. M., and Roe, assignors.)  
 Standard Oil Company (Indiana). (See McNeil, C. P., and Montgomery, assignors.)  
 Standard Oil Company (Indiana). (See Plummer, William B., assignor.)  
 Standard Oil Company (Indiana). (See Roberts, Joseph K., assignor.)  
 Standard Oil Company (Ind.) (See Ruthruff, Robert F., assignor.)  
 Standard Oil Company, (Indiana). (See Snow, Harold E., assignor.)  
 Standard Oil Company (Indiana). (See Sullivan, Frederick W., Jr., assignor.)  
 Standard Oil Company (Indiana). (See Villars, Donald S., assignor.)  
 Standard Oil Co., (Indiana) The. (See Wilson, Robert E., assignor.)  
 Standard Oil Company (Indiana). (See Youtz, Merrill A., assignor.)  
 Standard Oil Company of California. (See Bird, M. A., and Tuttle, assignors.)  
 Standard Oil Company of California. (See Brown, E. S., and Nutt, assignors.)  
 Standard Oil Company of California. (See Davidson, George A., assignor.)  
 Standard Oil Company of California. (See Davidson, G. A., Liddell, Hine, and Shannon, assignors.)  
 Standard Oil Company of California. (See Edwards, E. E., and Putnam, assignors.)  
 Standard Oil Company of California. (See Edwards, Samuel H., assignor.)  
 Standard Oil Company of California. (See Field, Edward, assignor.)  
 Standard Oil Company of California. (See Folsom, Leon T., assignor.)  
 Standard Oil Company of California. (See Folsom, L. T., and MacGregor, assignors.)  
 Standard Oil Company of California. (See Fossati, Francis N., assignor.)  
 Standard Oil Company of California. (See Gates, L. G., Herrick, Cavins, and Postlewaite, assignors.)  
 Standard Oil Company of California. (See Gay, Norman N., assignor.)  
 Standard Oil Company of California. (See Hampton, William H., assignor.)  
 Standard Oil Company of California. (See Hampton, W. H., and Rutherford, assignors.)  
 Standard Oil Company of California. (See Harger, Donald K., assignor.)  
 Standard Oil Company of California. (See Herrick, Henry N., assignor.)  
 Standard Oil Company of California. (See Kremser, Alois, assignor.)  
 Standard Oil Company of California. (See Lyman, Arthur L., assignor.)  
 Standard Oil Company of California. (See MacGregor, J. R., Folsom, and Edwards, assignors.)  
 Standard Oil Company of California. (See Maker, Frank L., assignor.)  
 Standard Oil Company of California. (See Postlewaite, William R., assignor.)  
 Standard Oil Company of California. (See Putnam, Joseph F., assignor.)  
 Standard Oil Company of California. (See Rolle, Edward, assignor.)  
 Standard Oil Company of California. (See Ruzicka, Clarence J., assignor.)  
 Standard Oil Company of California. (See Shiffer, W. H., and Holm, assignors.)  
 Standard Oil Company of California. (See Thompson, H. W., and Rutherford, assignors.)  
 Standard Oil Company of California. (See Williams, P. S., and Mineard, assignors.)  
 Standard Oil Company (Ohio), The. (See Burk, Robert E., assignor.)  
 Standard Oil Development Company. (See Anderson, Richard D., assignor.)  
 Standard Oil Development Company. (See Archibald, Francis M., assignor.)  
 Standard Oil Development Company. (See Baskin, Charles M., assignor.)  
 Standard Oil Development Company. (See Bird, John C., assignor.)  
 Standard Oil Development Company. (See Blau, Ludwig W., assignor.)  
 Standard Oil Development Company. (See Blau, L. W., and Gemmer, assignors.)  
 Standard Oil Development Company. (See Blau, L. W., and Statham, assignors.)  
 Standard Oil Development Company. (See Blau, L. W., and Watt, assignors.)  
 Standard Oil Development Company. (See Bryan, Andrew B., assignor.)  
 Standard Oil Development Company. (See Buc, Hyym E., assignor.)  
 Standard Oil Development Company. (See Buc, H. E., and Rosen, assignors.)



- Standard Oil Development Company. (See Buc, H. E., and Schuler, assignors.)
- Standard Oil Development Company. (See Buttari, Raul L., assignor.)
- Standard Oil Development Company. (See Cannon, George E., assignor.)
- Standard Oil Development Company. (See Carlson, E. W., and Wiezevich, assignors.)
- Standard Oil Development Company. (See Carrier, E. W., and Reeves, assignors.)
- Standard Oil Development Company. (See Davis, Garland H. E., assignor.)
- Standard Oil Development Company. (See Donlan, Theodore R., assignor.)
- Standard Oil Development Company. (See Eberle, W. A., and Hopkins, assignors.)
- Standard Oil Development Company. (See Edson, Frank H., assignor.)
- Standard Oil Development Company. (See Ellis, Carleton, assignor.)
- Standard Oil Development Company. (See Emerle, W. A., and Zepfler, assignors.)
- Standard Oil Development Company. (See English, Aden A., assignor.)
- Standard Oil Development Company. (See Farr, W. D., and Samuel, assignors.)
- Standard Oil Development Company. (See Forrest, H. O., Marek, and White, assignors.)
- Standard Oil Development Company. (See Frolich, Per K., assignor.)
- Standard Oil Development Company. (See Frolich, P. K., and Wiezevich, assignors.)
- Standard Oil Development Company. (See Frolich, P. K., Winning, and Fulton, assignors.)
- Standard Oil Development Company. (See Fulton, Stewart C., assignor.)
- Standard Oil Development Company. (See Fulton, S. C., and Kalichevsky, assignors.)
- Standard Oil Development Company. (See Fulton, S. C., and Kunc, assignors.)
- Standard Oil Development Company. (See Fulton, S. C., and Vesterdal, assignors.)
- Standard Oil Development Company. (See Gleason, Anthony H., assignor.)
- Standard Oil Development Company. (See Goss, H. F., and Opysek, assignors.)
- Standard Oil Development Company. (See Hanks, W. V., Freyermuth, and Potts, assignors.)
- Standard Oil Development Company. (See Howard, Frank A., assignor.)
- Standard Oil Development Company. (See Kalichevsky, Vladimir, assignor.)
- Standard Oil Development Company. (See Kettenring, L. C., and Robertson, assignors.)
- Standard Oil Development Company. (See Kuhl, Paul E., assignor.)
- Standard Oil Development Company. (See Lewis, J. B., and Bird, assignors.)
- Standard Oil Development Company. (See Lewis, Warren K., assignor.)
- Standard Oil Development Company. (See Lewis, William B., assignor.)
- Standard Oil Development Company. (See Loupe, Bernard A., assignor.)
- Standard Oil Development Company. (See Mack, Charles, assignor.)
- Standard Oil Development Company. (See Matheson, George L., assignor.)
- Standard Oil Development Company. (See Maverick, George M., assignor.)
- Standard Oil Development Company. (See Mikeska, Louis A., assignor.)
- Standard Oil Development Company. (See Mikeska, L. A., and Turner, assignors.)
- Standard Oil Development Company. (See Miller, F. L., and Morway, assignors.)
- Standard Oil Development Company. (See Moore, T. V., and Cannon, assignors.)
- Standard Oil Development Company. (See Mudge, Charles W., assignor.)
- Standard Oil Development Company. (See Noel, Henry M., assignor.)
- Standard Oil Development Company. (See Packie, J. W., and Stines, assignors.)
- Standard Oil Development Company. (See Peck, Edward B., assignor.)
- Standard Oil Development Company. (See Pollock, John E., assignor.)
- Standard Oil Development Company. (See Rhodes, Audsley V., assignor.)
- Standard Oil Development Company. (See Rickles, Nathaniel H., assignor.)
- Standard Oil Development Company. (See Robertson, L. H., and Eberle, assignors.)
- Standard Oil Development Company. (See Rosebrook, Guy L., assignor.)
- Standard Oil Development Company. (See Rosson, M. M., and Fasce, assignors.)
- Standard Oil Development Company. (See Schneider, Helmuth G., assignor.)
- Standard Oil Development Company. (See Schneider, H. G., and Sommer, assignors.)
- Standard Oil Development Company. (See Schneider, Helmuth S., assignor.)
- Standard Oil Development Company. (See Schonberg, J. R., and Robinson, assignors.)
- Standard Oil Development Company. (See Schrader, Leo W., assignor.)
- Standard Oil Development Company. (See Seaman, William, assignor.)
- Standard Oil Development Company. (See Seaman, W., and Huffman, assignors.)
- Standard Oil Development Company. (See Sloane, Reginald G., assignor.)
- Standard Oil Development Company. (See Sloane, R. G., and Wasson, assignors.)
- Standard Oil Development Company. (See Starr, J. V., and Edwards, assignors.)
- Standard Oil Development Company. (See Steik, Karl T., assignor.)
- Standard Oil Development Company. (See Stratford, Reginald K., assignor.)
- Standard Oil Development Company. (See Stratford, R. K., and Gurd, assignors.)
- Standard Oil Development Company. (See Stratford, R. K., and Huggett, assignors.)
- Standard Oil Development Company. (See Tryon, R. W., and Booth, assignors.)
- Standard Oil Development Company. (See Turner, Luther B., assignor.)
- Standard Oil Development Company. (See Verner, Jules, assignor.)
- Standard Oil Development Company. (See Vesterdal, Hans G., assignor.)
- Standard Oil Development Company. (See Vesterdal, H. G., and Carlson, assignors.)
- Standard Oil Development Company. (See Wells, Alfred A., assignor.)
- Standard Oil Development Company. (See Wiezevich, Peter J., assignor.)
- Standard Oil Development Company. (See Wiezevich, P. J., and Frolich, assignors.)
- Standard Oil Development Company. (See Wilson, Arthur M., assignor.)
- Standard Oil Development Company. (See Wilson, A. M., and Crosby, assignors.)
- Standard Oil Development Company. (See Winning, Carl, assignor.)
- Standard Oil Development Company. (See Winning, C., Sargent, and Dudley, assignors.)
- Standard Oil Development Company. (See Winning, C., and Thomas, assignors.)
- Standard Oil Development Company. (See Winning, C., and Young, assignors.)
- Standard Oil Development Company. (See Zimmer, J. C., and Morway, assignors.)
- Standard Power Bed Company. (See Bridenbaugh, Elmer H., assignor.)
- Standard Process Corporation. (See Ericksson, Emil, assignor.)
- Standard Products Company, The. (See Reid, James S., assignor.)
- Standard Products Corporation. (See Riecken, William E., assignor.)
- Standard Sanitary Manufacturing Company. (See Ottke, Robert L., assignor.)
- Standard Sanitary Manufacturing Company. (See Reed, J. C., 3d, and Schott, assignors.)
- Standard Sanitary Manufacturing Company. (See Schmiedeknecht, Victor E., assignor.)
- Standard Sanitary Manufacturing Company. (See Tafel, Theodore, Jr., assignor.)
- Standard Steel Works. (See Gredell, Otto N., assignor.)
- Standard Stoker Company, The. (See Anderson, Howard P., assignor.)
- Standard Stoker Company. (See Anderson, H. P., and Surdykowski, assignors.)
- Standard Stoker Company, The. (See Capps, Washington T., assignor.)
- Standard Stoker Company, The. (See Hansen, Christ T., assignor.)
- Standard Stoker Company, The. (See Harrison, Benjamin F., assignor.)
- Standard Stoker Company, The. (See Hogg, Francis, assignor.)
- Standard Stoker Company, The. (See Ketchpel, Paul A., assignor.)
- Standard Stoker Company, The. (See Lippert, Henry E., assignor.)
- Standard Stoker Company, The. (See Lower, Nathan M., assignor.)
- Standard Stoker Company, The. (See MacKenzie, Joseph B., assignor.)
- Standard Stoker Company, The. (See Moeller, Otto, assignor.)
- Standard Stoker Company, The. (See Moeller, O., and Ketchpel, assignors.)
- Standard Stoker Company, The. (See Myers, John W., assignor.)
- Standard Stoker Company, The. (See Peyton, William C., assignor.)
- Standard Stoker Company, The. (See Roesch, Frank P., assignor.)
- Standard Stoker Company, The. (See Snyder, Herbert W., assignor.)
- Standard Stoker Company, The. (See Surdy, C. J., and Turner, assignors.)
- Standard Stoker Company. (See Surdykowski, Charles J., assignor.)



- Standard Stoker Company, The. (See Surdykowski, Charles J. (Charles J. Surdy), assignor.)
- Standard Stoker Company. (See Surdykowski (Surdy), Charles J., assignor.)
- Standard Stoker Company, The. (See Turner, Edwin A., assignor.)
- Standard Stoker Company, The. (See Turner, E. A., and Surdy, assignors.)
- Standard Stoker Company, The. (See Wright, William N., assignor.)
- Standard Stoker Company, Incorporated, The. (See Hunt, Andrew M., assignor.)
- Standard Stoker Company, Incorporated, The. (See Surdy, Charles J., assignor.)
- Standard Ticket Games Corporation. (See Kirk, C. R., and Collison, assignors.)
- Standard-Trump Bros. Machine Company. (See Bristow, Paul W., assignor.)
- Standard-Trump Bros. Machine Company. (See Shelmire, Stanley R., assignor.)
- Standish, John C., Rensselaer, N. Y. Blanket. 2,031,013; Feb. 18.
- Standish, John C., Rensselaer, N. Y. Lapping cloth. 2,041,976; May 26.
- Standish, John F., Winthrop, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon the heel portions of shoes. 2,033,158; Mar. 10.
- Standish, John F., Winthrop, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 2,040,885; May 19.
- Standley, Albert H., assignor to Downington Manufacturing Company, Downington, Pa. Paper machinery. 2,062,238; Nov. 24.
- Stanelle, Arthur, Forest Junction, Wis. Weed eradicator. 2,045,376; June 23.
- Stanford Products, Ltd. (See Brower, William M., assignor.)
- Stange, Wm. J., Co. (See Levinson, A. A., and Pillsbury, assignors.)
- Stanitz, Jacques, assignor to The Youngstown Pressed Steel Company, Warren, Ohio. Sink, wash basin, and the like. 2,045,969; June 30.
- Stank, John. (See Gibson, H. C., Woodberry, and Stank.)
- Stankey, Oscar, East St. Louis, Ill. Vehicle speed tell-tale. 2,060,907; Nov. 17.
- Stankovitz, Szilard, et al. (See Stengel, Charles, assignor.)
- Stanley, Arthur M., Lynn, assignor to Stanley Engineering, Inc., Boston, Mass. Vehicle wheel. 2,037,832; Apr. 21.
- Stanley, Claude W., Mercer, Mo. Jar lifter and carrier. 2,038,139; Apr. 21.
- Stanley, Edmund, Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of finely divided material. 2,065,762; Dec. 29.
- Stanley Engineering, Inc. (See Stanley, Arthur M., assignor.)
- Stanley, Fred D., assignor to The Oil Country Specialties Mfg. Co., Coffeyville, Kans. Balancing device for well pumps. 2,050,506; Aug. 11.
- Stanley, Frederick C., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Reenforced toothed friction disk. 2,062,480; Dec. 1.
- Stanley, George E., Coventry, England. Presser-plate for clutches. 2,063,203; Dec. 8.
- Stanley, Harry, Rocky River, and V. J. Moir, Cleveland Heights, Ohio. Tightening device. 2,029,134; Jan. 28.
- Stanley, Harry, Rocky River, and V. J. Moir, Cleveland Heights, Ohio. Musical instrument. 2,029,135; Jan. 28.
- Stanley, Henry M. (See Brown, Joseph F., assignor.)
- Stanley, Herbert M. (See Joshua, W. P., Stanley, and Dymock.)
- Stanley, Leopold G., Maplewood, N. J. Toilet or traveling case. 2,038,319; Apr. 21.
- Stanley, Nathan M., Dayton, Ohio. Magnifying lens and supporting it. 2,056,693; Oct. 6.
- Stanley, Oscar M., New York, N. Y. Form for building construction. 2,058,268; Oct. 20.
- Stanley, Paul H., Glenside, Pa. Barometric device. 2,041,028; May 19.
- Stanley, Paul H., Willow Grove, Pa., and J. A. Roche, Dayton, Ohio. Zero thrust indicator. 2,055,637; Sept. 29.
- Stanley Works, The. (See Coe, Maxwell A., assignor.)
- Stanley Works, The. (See Davis, Willis G., assignor.)
- Stanley Works, The. (See Johnson, Carl J., assignor.)
- Stanley Works, The. (See Pelton, Henry, assignor.)
- Stanley Works, The. (See Prindle, Frank P., assignor.)
- Stanley Works, The. (See Robinson, David M., assignor.)
- Stanley Works, The. (See Stowell, Austin L., assignor.)
- Stannard, Bruce M., Binghamton, N. Y. Tail board for vehicles. 2,042,911; June 2.
- Stannard, Charles P. (See Chamberlain, C. H., and Stannard.)
- Stanolind Oil and Gas Company. (See Bays, George S., assignor.)
- Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electronic timer. 2,062,616; Dec. 1.
- Stanton, Lenthel, assignor to Big Square Sprinkler Co., Spokane, Wash. Sprinkler. 2,052,673; Sept. 1.
- Stanton, Myles, Schenectady, N. Y., assignor to General Electric Company. Water supply and distribution means for a humidifier. 2,035,728; Mar. 31.
- Stanton, Samuel J. S., Chicago, Ill. Bathing tank. 2,058,188; Oct. 20.
- Stanton, Wolcott P., Visalia, assignor to National Gravelite Corporation, San Francisco, Calif. Making light weight aggregate. 2,035,845; Mar. 31.
- Stanzel, George A., Des Moines, Iowa. Anticreep anchorage means for tire boots. 2,057,799; Oct. 20.
- Staples, Dana R., and S. E. Newhouse, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Control system. 2,039,038; Apr. 28.
- Staples, Elliott M., Hohokus, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,055,638; Sept. 29.
- Staples, Horace A., Plainfield, N. J., assignor to Habirshaw Cable and Wire Corporation, New York, N. Y. Machine for making electrical cables. 2,031,014; Feb. 18.
- Staples, Horace A., Plainfield, N. J., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Hollow cable. 2,046,978; July 7.
- Staples, Horace A., Plainfield, N. J., assignor to Habirshaw Cable and Wire Corporation, New York, N. Y. Making lead sheathed cables. 2,057,454; Oct. 13.
- Staples, Horace A., Plainfield, N. J., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Making copper sheathed steel core cables. 2,063,470; Dec. 8.
- Staples, John W. (See Brooks, W. C., and Staples.)
- Staples, Weltha J., Burlington Junction, Mo. Metallic ink eraser. 2,057,984; Oct. 20.
- Staples, William H. (See Adams, F. H., and Staples.)
- Stapleton, Arthur W., and R. H. Hatfield, London, England. Radio receiving system. 2,044,645; June 16.
- Stapleton, Victor, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbon oil. 2,026,803; Jan. 7.
- Stapling Machines Co. (See Babcock, Guilford C., assignor.)
- Stapling Machines Co. (See Babcock, Guilford C., Jr., assignor.)
- Stapling Machines Co. (See Rosenmund, Alfred L., assignor.)
- Stapling Machines Co. (See Stivers, Earl R., assignor.)
- Stapling Machines Co. (See Valley, Eugene F., assignor.)
- Star Brush Manufacturing Co. (See Schumann, Lawrence R., assignor.)
- Starbuck, James L., Los Angeles, Calif. Embalmer's arm and leg rest. 2,047,441; July 14.
- Starchless Curtain Perfector Institute, The. (See Shoub, Hyman L., assignor.)
- Starck, Franz. (See Sellner, E., and Starck.)
- Starck, Werner, Horheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing acetals. 2,055,391; Sept. 22.
- Stareck, Jesse E., Lawrence, Kans., assignor to Kansas City Testing Laboratory, Kansas City, Mo. Coating metal. 2,059,053; Oct. 27.
- Stargardt, Helen, Detroit, Mich. Measuring device for containers. 2,060,386; Nov. 10.
- Stargardt, Albert R., Newark, N. J., assignor to Gillette Safety Razor Company, Boston, Mass. Treating metal. 2,041,029; May 19.
- Stargardt, Albert R., Brookline, assignor to Gillette Safety Razor Company, Boston, Mass. Treating metal. 2,059,054; Oct. 27.
- Stargardt, Albert R., assignor to Gillette Safety Razor Company, Boston, Mass. Apparatus for treating metal. 2,059,976; Nov. 3.
- Starie, George B., Schenectady, N. Y., assignor to General Electric Company. Motor driven system. 2,050,863; Aug. 11.
- Stark, David D., Berkeley, and T. O. Edwards, Jr., Associated, assignors to Associated Oil Company, San Francisco, Calif. Acid treatment of oils. 2,052,852; Sept. 1.
- Stark, Gerald R., Old Greenwich, Conn., and J. A. Main, New York, N. Y., assignors to The Patent and Licensing Corporation, New York, N. Y. Composition roofing. 2,062,149; Nov. 24.
- Stark, Howard S., Kansas City, Mo. Electric etching apparatus. 2,058,365; Oct. 20.
- Stark, Joseph W., New York, N. Y., assignor to General Ribbon Mills, Ind., Catasaqua, Pa. Ornamental narrow fabric. 2,049,028; July 28.
- Stark, Julian H., Fort Wayne, Ind., assignor to General Electric Company. Coin time switch system. 2,028,630; Jan. 21.
- Stark, L. H. (See McDonald, William R., assignor.)
- Stark, Willet E., East Cleveland, assignor, by mesne assignments, to The Bryant Heater Company, Cleveland, Ohio. Boiler. 2,034,671; Mar. 17.
- Stark, Willet E., East Cleveland, assignor to The Bryant Heater Company, Cleveland, Ohio. Humidifier. 2,059,408; Nov. 3.
- Starkey, William C., Indianapolis, Ind., assignor, by mesne assignments, to W. C. Starkey, R. S. Pruitt, and W. H. Beal, trustees. Spring clutch. 2,027,794; Jan. 14.
- Starkey, William C., assignor, by mesne assignments, to W. C. Starkey, Indianapolis, Ind., R. S. Pruitt, and W. H. Beal, Chicago, Ill., trustees. Clutch spring. 2,030,333; Feb. 11.
- Starkey, William C., Indianapolis, Ind., assignor, by mesne assignments, to W. C. Starkey, R. S. Pruitt, and W. H. Beal, trustees. Overrunning clutch. 2,038,063; Apr. 21.



- Starkey, William C., Trustee et al. (See Barton, Clarence H., assignor.)
- Starkey, William C., Trustee et al. (See Brownlee, Dalmar T., assignor.)
- Starkey, William C., et al., trustees. (See Drexler, Charles, assignor.)
- Starkweather, G. C., Kenmore, and L. L. Haas, assignors to Buffalo Pressed Steel Company, Buffalo, N. Y. Muffler. 2,047,442; July 14.
- Starkweather, G. C., Kenmore, and L. L. Haas, assignors to Buffalo Pressed Steel Company, Buffalo, N. Y. Muffler. 2,047,443; July 14.
- Starline, Inc. (See Ferris, Howard J., assignor.)
- Starline, Inc. (See Ferris, Robert G., assignor.)
- Starlock Manufacturing Company. (See Hornicek, Jerry, assignor.)
- Starlock Manufacturing Company. (See Kerner, Edward V., assignor.)
- Starr, Albert C., Nephi, Utah, assignor to Bendix Aviation Corporation, South Bend, Ind. Floating actuator. 2,060,908; Nov. 17.
- Starr, Allan M., assignor to Starr Sweetland Corporation, Piedmont, Calif. Fuel injector. 2,050,392; Aug. 11.
- Starr, Charles E., Whittier, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake testing mechanism. 2,036,653; Apr. 7.
- Starr, Charles E., Inglewood, Calif., assignor to Perfecto Gear Differential Co., Bellingham, Wash. Speed change axle. 2,056,303; Oct. 6.
- Starr, Charles E., deceased, by E. M. Starr, administratrix, Inglewood, Calif., assignor to Perfecto Gear Differential Co., Bellingham, Wash. Free-wheeling mechanism. 2,064,230; Dec. 15.
- Starr, Eva M., administratrix. (See Starr, Charles E.)
- Starr, Frank M., Schenectady, N. Y., assignor to General Electric Company. Control and protection of electric circuits. 2,027,209; Jan. 7.
- Starr, James W., and L. W. Reis, Jersey City, N. J. Can perforating and resealing attachment. 2,055,989; Sept. 29.
- Starr, John V., Cranford, N. J., assignor to Standard-I. G. Company. Revivifying spent adsorbent clays. 2,055,616; Sept. 29.
- Starr, John V., and D. F. Edwards, Elizabeth, N. J., assignors to Standard Oil Development Company. Producing lubricating oils. 2,028,361; Jan. 21.
- Starr, Lewis T., Dallas, Tex. Depth gauge control and lead plug. 2,053,448; Sept. 8.
- Starr, Oscar L., Mission San Jose, assignor to Caterpillar Tractor Co., San Leandro, Calif. Tractor. 2,049,672; Aug. 4.
- Starr, Oscar L., Mission San Jose, assignor to Caterpillar Tractor Co., San Leandro, Calif. Control means for harvesters or the like operating mechanism. 2,049,673; Aug. 4.
- Starr, Oscar L., Mission San Jose, assignor to Caterpillar Tractor Co., San Leandro, Calif. Tractor. 2,051,186; Aug. 18.
- Starr Sweetland Corporation. (See Starr, Allan M., assignor.)
- Starrett, John S., Livingston, N. J., assignor to Radio Corporation of America. Power output tube bias arrangement. 2,048,758; July 28.
- Starrett, John S., Livingston, N. J., assignor to Radio Corporation of America. Multiple duty tube circuit. 2,054,664; Sept. 15.
- Starrett, John S., Livingston, N. J., assignor to Radio Corporation of America. Automatic fidelity control. 2,054,839; Sept. 22.
- Starrett, L. S., Company, The. (See Gielow, Harry C., assignor.)
- Stassi, George, New Orleans, La. Invalid drinking glass and tube. 2,052,496; Aug. 25.
- State of Iowa for Iowa State College of Agriculture and Mechanical Arts. (See Levine, M., Galligan, and Luebbers, assignors.)
- State, Will C., and M. Lammertse, Akron, and C. E. Gardner, Cuyahoga Falls, Ohio, assignor, by mesne assignments, to Wingfoot Corporation, Wilmington, Del. Tire building apparatus. 2,028,078; Jan. 14.
- States, Marshall N., Evanston, Ill., assignor to Central Scientific Company. Apparatus for using photoelectric cells quantitatively. 2,051,320; Aug. 18.
- Statham, Louis. (See Blau, L. W., and Statham.)
- Statham, Noel, Irvington-upon-Hudson, New York, N. Y. Adjustable attachment for belts and the like. 2,054,840; Sept. 22.
- Statham, Noel, Irvington-on-Hudson, N. Y. Sewage disposal. 2,059,286; Nov. 3.
- Stationers Loose Leaf Company. (See Lotter, Adolph G., assignor.)
- Statler, Walter H., Johnstown, Pa., assignor to Bethlehem Steel Company. Mine car. 2,053,922; Sept. 8.
- Staton, John W., et al. (See Kettleband, George F., assignor.)
- Staton, J. William, et al. (See Kettleband, George F., assignor.)
- Stattman, Walter A. (See Carroll, W. P., and Stattmann.)
- Statz, John. (See Fitzgibbon, E. J., and Statz.)
- Statz, Robert J. (See Dodge, A. Y., and Statz.)
- Staub, E. Elmer. (See Jack, D., and Matisek, assignors.)
- Stäubli, Hugo, assignor to Gebr. Stäubli & Co., Horgen, Zurich, Switzerland. Shedding mechanism for looms. 2,049,090; July 28.
- Staud, Cyril J. (See Fallesen, G. E., and Staud.)
- Staud, Cyril J. (See Van Dyke, R. H., Staud, and Gray.)
- Staud, Cyril J., and R. M. Briggs, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Hardening photographic gelatin emulsions and gelatin solutions. 2,063,351; Dec. 8.
- Staud, Edwin G., Minneapolis, Minn. Power amplifying device. 2,047,898; July 14.
- Staud, Edwin G., Minneapolis, Minn. Power amplifying device. 2,065,911; Dec. 29.
- Staud, Edwin G., Minneapolis, Minn. Pump construction. 2,065,912; Dec. 29.
- Staudermann, Wilhelm. (See Steindorff, A., Pfaff, Staudermann, Johannsen, and Spoun.)
- Staudinger, Hanns P. (See Auden, H. A., and Staudinger.)
- Stauf, Friedrich W. (See Henglein, F. A., and Stauf.)
- Stauffer, Charles F., River Forest, and S. Budlong, Chicago, Ill., said Stauffer assignor of twenty two-hundredths to E. Barre, and ten two-hundredths to J. N. Budlong, both of Chicago Ill. Automatic selective speed transmission. 2,058,736; Oct. 27.
- Stauffer Chemical Company. (See Missbach, Edmund C., assignor.)
- Stauffer, Christian H., Orofino, Idaho. Razor stropping device. 2,061,858; Nov. 24.
- Stauffer, John C., assignor to Standard Oil Company, Chicago, Ill. Separation of nitrogen bases. 2,063,564; Dec. 8.
- Stauffer, Roy, Los Angeles, Calif. Track laying and picking-up machine and method. 2,061,110; Nov. 17.
- Staup, George H., Palo Cedro, Calif. Pump. 2,052,497; Aug. 25.
- Stauss, Henry E., East Orange, and J. Ogden, Kearny, assignors to Baker & Co., Inc., Newark, N. J. Electric furnace. 2,063,274; Dec. 8.
- Staver, Edward F. (See Hafecost, F., and Staver, assignors.)
- Staveren, Herbert. (See Braunstein, Schullim, assignor.)
- Stavrov, George A. (See Kamdron, R. J., and Stavrov.)
- Stayman, Robert G., Ashtabula, assignor of one-fourth to W. S. Babcock, Columbus, Ohio. Ophthalmic lens suspension. 2,057,855; Oct. 20.
- Staynew Filter Corporation. (See Dollinger, Lewis L., assignor.)
- Stay-On Mfg. Company, The. (See Loeber, Edgar O., assignor.)
- Staytite Company, The. (See Muller, Frans G. D., assignor.)
- Stead, Charles W., Independence, Kans. Method of and apparatus for conditioning air. 2,062,771; Dec. 1.
- Steadman, Francis A., Marietta, Ohio. Toilet seat and cover. 2,050,472; Aug. 11.
- Steadman, Horace V., Dallas, Tex., assignor to Shell Development Company, San Francisco, Calif. Spring hydraulic motor for pressure recording bombs. 2,055,420; Sept. 22.
- Steam Motors, Inc. (See Crosby, George A., assignor.)
- Steam Motors, Inc. (See Delling, E. H., and Lamken, assignors.)
- Stearn, Franklin A., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone exchange system. 2,030,412; Feb. 11.
- Stearns, Frank B., Shaker Heights, Ohio. Effecting engine cylinder turbulence. 2,049,630; Aug. 4.
- Stearns, Frank B., Shaker Heights, Ohio. Engine cylinder liner. 2,049,631; Aug. 4.
- Stearns, Frank B., Shaker Heights, Ohio. Engine cylinder. 2,056,056; Sept. 29.
- Stearns, Frank B., Shaker Heights, Ohio. Scavenging and super-charging two-cycle engines. 2,056,057; Sept. 29.
- Stearns, Frank B., Shaker Heights, Ohio. Fuel pump for internal combustion engines. 2,059,758; Nov. 3.
- Stearns, Frank B., Shaker Heights, Ohio. Liquid fuel pressure regulator. 2,059,759; Nov. 3.
- Stearns, Harry C., Oak Park, Ill. Toy electric train apparatus. 2,058,523; Oct. 27.
- Stearns, Jake H., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Adjustable eccentric for sewing machines. 2,029,278; Jan. 28.
- Stearns Magnetic Manufacturing Company. (See Kiehaefer, Elmer C., assignor.)
- Stearns, Walter V., assignor to Sun Oil Company, Philadelphia, Pa. Apparatus for purifying mercury. 2,032,601; Mar. 3.
- Stearns, Walter V., assignor to Sun Oil Company, Philadelphia, Pa. Purifying mercury. 2,032,602; Mar. 3.
- Steatit-Magnesia Aktiengesellschaft. (See Kunstmann, Edgar, assignor.)
- Stebbins, Clyde E., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Curing connection. 2,043,935; June 9.
- Stechbart, Bruno. (See Howell, A. S., and Stechbart.)
- Stechbart, Bruno, assignor to The Bell & Howell Company, Chicago, Ill. Motion picture machine. 2,064,088; Dec. 15.
- Stecher, Joseph L. (See Amick, M. G., Lawrence, and Stecher.)
- Stecher, Joseph L., Wilmington, Del., M. G. Amick, Boothwyn, Pa., and C. E. Daniels, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Machine and method for making solid comminuted material. 2,047,391; July 14.
- Stecker, Alfred J. (See Rutzen, M. C., Pardee, and Stecker.)
- Steckley, Joseph F. (See Steckley, William and J. F.)



- Steckley, William and J. F., Geddes, S. Dak. Tractor guide. 2,063,204; Dec. 8.
- Steckly, Robert A., New York, N. Y. Armored motor truck body. 2,051,753; Aug. 18.
- Steczynski, Myron E., assignor to Knight Soda Fountain Company, Chicago, Ill. Draft arm. 2,056,986; Oct. 13.
- Stedefeld, Curt, et al. (See Barske, Ulrich, assignor.)
- Stedefeld, Curt, et al. (See Black, Willy, assignor.)
- Stedefeld, Curt, et al. (See Heyner, Fritz, assignor.)
- Stedefeld, Curt. (See Kruckenber, F., Stedefeld, and Black.)
- Stedefeld, Curt, Hanover, Germany. Multistage hydraulic coupling. 2,063,471; Dec. 8.
- Stedefeld, Curt, and W. Black, Hanover, Germany, said Black assignor to said Stedefeld. Electromagnetic rail brake. 2,054,716; Sept. 15.
- Stedman, Donald F., Ottawa, Ontario, Canada. Packing for fractionating columns and the like. 2,047,444; July 14.
- Stedwell, George W., Brooklyn, assignor to Keystone Controls, Inc., New York, N. Y. Metered liquid dispensing apparatus. 2,034,845; Mar. 24.
- Stedwell, George W., Brooklyn, assignor to Sherwell Controls, Inc., New York, N. Y. Liquid dispensing. 2,044,027; June 16.
- Steel, Gladstone M., Chillicothe, Ohio. Animated mechanical toy. 2,029,744; Feb. 4.
- Steel, Samuel T. (See Durnell, H. G., and Steel.)
- Steel Bound Container Corporation. (See Rutzen, M. C., Pardee, and Stecker, assignors.)
- Steelcraft, Incorporated. (See La Valley, Tennis J., assignor.)
- Steeldraulic Brake Corporation. (See Begg, Russell S.)
- Steeldraulic Brake Corporation. (See Sneed, John, assignor.)
- Steele, Charles G., and W. H. Stevens, Los Angeles, Calif. Making rolled hollow metal articles. 2,060,779; Nov. 10.
- Steele, Clarence M., Statesville, N. C. Clay working machine. 2,041,619; May 19.
- Steele, Floyd H., assignor to Handy Governor Corporation, Detroit, Mich. Combination of carburetor and governor. 2,032,638; Mar. 3.
- Steele, Frederick A. (See Gearhart, F. B., and Steele.)
- Steele, Frederick L., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Gear shift mechanism. 2,047,392; July 14.
- Steele, James R. (See Moore, G. L., and Steele.)
- Steele, James W., Kansas City, Mo. Garment buttonhole accessory. 2,041,675; May 19.
- Steele, James W., Kansas City, Mo. Film-coating means for blades. 2,058,366; Oct. 20.
- Steele, James W., Kansas City, Mo. Garment button and buttonhole attachment. 2,060,643; Nov. 10.
- Steele, Ray N., and E. E. McIlvain; said McIlvain, assignor to Said Steele, Cedar Rapids, Iowa. Piston. 2,040,032; May 5.
- Steel Heddle Manufacturing Company. (See Kaufmann, John J., assignor.)
- Steel Heddle Manufacturing Company. (See Maynard, Vance R., assignor.)
- Steel Heddle Manufacturing Company. (See Ragan, Ralph, assignor.)
- Steel Heddle Manufacturing Company. (See Wood, Hugh H., assignor.)
- Steel Kitchens Corporation. (See Block, Samuel J., assignor.)
- Steel Products Engineering Company, The. (See Burton, Warren D., assignor.)
- Steel Products Engineering Company, The. (See Walter, Joseph H., assignor.)
- Steel Scaffolding Company, The. (See Frost, George W., assignor.)
- Steel Stamping Company, The. (See Bregman, Harry, assignor.)
- Steel and Tubes, Inc. (See Davis, Archibald H., Jr., assignor.)
- Steel & Tubes, Inc. (See Knerr, H. C., and Farrow, assignors.)
- Steel & Tubes, Inc. (See Miller, Carl J., assignor.)
- Steel-Weld Equipment Corporation Ltd. (See ReQua, Frederick L., assignor.)
- Steel Wheel Corporation, The. (See Kliersath, Victor W., assignor.)
- Steen, Harford K., Newburgh, N. Y. Machine for making handled shopping bags. 2,060,450; Nov. 10.
- Steen, Harford K., Newburgh, N. Y. Making handled shopping bags. 2,060,451; Nov. 10.
- Steen, Harford K., Newburgh, N. Y. Handled shopping bag. 2,062,617; Dec. 1.
- Steen, Karl L., Detroit, Mich. Artificial bait. 2,039,039; Apr. 28.
- Steenbeck, Max, Berlin-Siemensstadt, and R. Wedel, Berlin-Haselhorst, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge device control. 2,036,307; Apr. 7.
- Steenbock, Harry, Madison, Wis., assignor to Wisconsin Alumni Research Foundation. Antirachitic product and process. 2,057,399; Oct. 13.
- Steenek, Robert. (See Dirkes, R. F., and Steeneck.)
- Steenek, Robert, assignor to The Western Union Telegraph Company, New York, N. Y. Stock selecting and indicating system. 2,034,064; Mar. 17.
- Steenek, Robert, assignor to The Western Union Telegraph Company, New York, N. Y. Transmitter for stock quotation boards. 2,053,749; Sept. 8.
- Steenstrup, Carl H., Niskayuna, N. Y., assignor to General Electric Company. Evaporator. 2,042,558; June 2.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,035,769; Mar. 31.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Cabinet door. 2,036,781; Apr. 7.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Refrigerator evaporator. 2,053,117; Sept. 1.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Flow controlling device for refrigerating systems. 2,056,022; Sept. 29.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Making fabricated piston and crosshead assemblies. 2,059,822; Nov. 3.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Compressor for refrigerating machines. 2,065,350; Dec. 22.
- Steenweg, William F., assignor to Allen-Bradley Company, Milwaukee, Wis. Electric switch. 2,059,670; Nov. 3.
- Steenweg, William F., assignor to Allen-Bradley Company, Milwaukee, Wis. Cabinet for electrical control devices and making the same. 2,059,671; Nov. 3.
- Stefancky, Rudolph, assignor, by mesne assignments, to Kelsey-Hays Wheel Company, Detroit, Mich. Wheel and producing the same. 2,062,841; Dec. 1.
- Stefanczyk, Mikolaj, Hamtramck, Mich. Ornamanetal heating radiator. 2,055,392; Sept. 22.
- Steffen, William F. (See Lichtenberg, E. H., Tranaas, and Steffen.)
- Stegeman, Henry J., Fairfield, assignor to The Locke Steel Chain Company, Bridgeport, Conn. Take-up device. 2,044,719; June 16.
- Stegeman, Henry J., Fairfield, assignor to The Locke Steel Chain Company, Bridgeport, Conn. Lawn mower. 2,045,497; June 23.
- Stegemann, Friedrich, assignor to Corporation of Seitz-Werke G. m. b. H., Bad Kreuznach, Germany. Cleaning bottles. 2,050,634; Aug. 11.
- Steger, Elmer F. (See Zimmerman, A. C., and Steger.)
- Stehr, Charles N., Los Angeles, Calif., assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,034,963; Mar. 24.
- Steiger, Edward C., assignor to Chicago Mill and Lumber Company, Chicago, Ill. Crate. 2,050,814; Aug. 11.
- Steigerwald, August, assignor to Emily Clark, New York, N. Y. Floor oiler or waxer. 2,028,079; Jan. 14.
- Steigerwald, Christian. (See Koeberle, K., Schweizer, and Steigerwald, assignors.)
- Steigerwald, Christian. (See Koeberle, K., Steigerwald, and Schweizer.)
- Steik, Karl T., Elizabeth, N. J., assignor to Standard Oil Development Company. Preparing alcohol-amine mineral oil sulphonates. 2,061,601; Nov. 24.
- Steimel, Karl. (See Urtel, R., and Steimel.)
- Steimel, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge tube and circuit arrangement. 2,031,137; Feb. 18.
- Steimel, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,054,452; Sept. 15.
- Steimel, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,056,872; Oct. 6.
- Steimel, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Thermionic device. 2,058,921; Oct. 27.
- Steimel, Karl, and E. Klotz, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Variable-gain amplifier arrangement. 2,057,857; Oct. 20.
- Stein, Alexander, Philadelphia, Pa. Electromagnetic device. 2,064,700; Dec. 15.
- Stein, Berthold. (See Nawiasky, P., Stein, Berthold, and Zell.)
- Stein, Berthold. (See Nawiasky, P., Stein, and Zell, assignors.)
- Stein, Charles M., assignor to Société Anonyme: Fours et Appareils Stein, Paris, France. Flow control mechanism. 2,044,646; June 16.
- Stein, George. (See Stein, Jacob and G.)
- Stein, Hall Manufacturing Company. (See Bauer, Jordan V., assignor.)
- Stein, Harry I. (See Gertler, Samuel E., assignor.)
- Stein, Hyman, Chelsea, Mass. Receptacle for catch basins or the like. 2,061,781; Nov. 24.
- Stein, Irving M., assignor to Leeds & Northrup Company, Philadelphia, Pa. Electrical measuring. 2,045,970; June 30.
- Stein, Irving, Monticello, N. Y. Clipping device. 2,049,574; Aug. 4.
- Stein, Jacob. (See Becher, H., and Stein.)
- Stein, Jacob, College Point, and G. Stein, Astoria, N. Y. Rolling machine. 2,027,564; Jan. 14.
- Stein, Leonard. (See Bockmühl, M., and Stein.)
- Stein, Leonard. (See Bockmühl, M., Ehrhart, and Stein.)
- Stein, Leonard. (See Bockmühl, M., Schaumann, Ehrhart, and Stein.)



- Stein, Marcel, Budapest, Hungary. Automatic lap-winding machine. 2,037,348; Apr. 14.
- Stein, Methven A. (See McCormick, W. K., and Stein.)
- Stein, Otto. (See Bruson, H. A., and Stein.)
- Steinbach, Albrecht. (See Schuftan, P., Karwat, and Steinbach.)
- Steinbach, Harry, Sunnyside, assignor to Rex Beach, New York, N. Y. Self-fertilizing flowerpot. 2,028,255; Jan. 21.
- Steinbach, John L., Tillamook, Oreg. Hydraulic cheese press. 2,054,304; Sept. 15.
- Steinberg, Bernhard, assignor to Toledo Hospital, Toledo, Ohio. Preventive inoculation, more particularly for peritonitis. 2,039,940; May 5.
- Steinberger, Raymond L., Westwood, assignor to G. W. Pierce, Cambridge, Mass. Apparatus for transmission and reception. 2,063,950; Dec. 15.
- Steinberger, Raymond L., Westwood, assignor to G. W. Pierce, Cambridge, Mass. Apparatus for transmission and reception. 2,063,951; Dec. 15.
- Steinberger, Raymond L., Westwood, assignor to G. W. Pierce, Cambridge, Mass. Apparatus for transmission and reception. 2,063,952; Dec. 15.
- Steinborn, Curt. (See Sacks, E., and Steinborn.)
- Steindorff, Adolf and H. Lange, Frankfort-on-the-Main-Hochst, and K. Horst, Hofheim-on-Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Sulphation products of aliphatic carbinols and preparing them. 2,062,842; Dec. 1.
- Steindorff, Adolph, K. Pfaff, and W. Staudermann, Frankfort-on-the-Main-Hochst, and A. Johannsen and F. Spoun, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Process for preserving green fodder. 2,054,026; Sept. 8.
- Steinecke, Fritz, Sindelfingen, near Stuttgart, assignor to Daimler Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Vehicle body. 2,055,594; Sept. 29.
- Steiner, Amos P., assignor to Landis Tool Company, Waynesboro, Pa. Comparator. 2,032,856; Mar. 3.
- Steiner, Amos P., E. P. Wine and H. E. Balsiger, assignors to Landis Tool Company, Waynesboro, Pa. Hydraulic ball race grinder. 2,029,510; Feb. 4.
- Steiner, Amos P., E. P. Wine and H. E. Balsiger, Waynesboro, assignors to Landis Tool Company, Waynesboro, Pa. Hydraulic ball race grinder. 2,029,511; Feb. 4.
- Steiner, Bernard S., Kirksville, Mo., assignor to The Peerless Machinery Company, Boston, Mass. Apparatus for reshaping shoe upper material. 2,056,987; Oct. 13.
- Steiner, Bernard S., Kirksville, Mo., assignor to The Peerless Machinery Company, Boston, Mass. Shoe machine. 2,056,988; Oct. 13.
- Steiner, Joseph C., Chicago, Ill. Fitting. 2,059,154; Oct. 27.
- Steiner, Leo, Budapest, Hungary. Clamping buckle. 2,028,530; Jan. 21.
- Steiner, Leo, Budapest, Hungary. Guiding the work piece in sharpening machines. 2,035,249; Mar. 24.
- Steiner, Max, Vienna, Austria. Shirt. 2,058,367; Oct. 20.
- Steiner Sales Company. (See Birr, R. G., and Grunwald, assignors.)
- Steiner, Waldo L., Ponca City, Okla., assignor, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oil. 2,063,857; Dec. 8.
- Steinhardt, Amos, assignor to American Steel Wool Mfg. Co. Inc., New York, N. Y. Scouring pad and holder therefor. 2,037,944; Apr. 21.
- Steinhardt, Ernest, assignor of one-half to J. Novicke, Beaver Dam, Wis. Transmission. 2,053,380; Sept. 8.
- Steinhart, Ferdinand, Munich, Germany. Welding joint for wire cloth. 2,049,752; Aug. 4.
- Steinharter, Joseph J. (See Grohsgal, Alexis C., assignor.)
- Steinharter, Laurence C. (See Donahoe, M. A., and Smith, assignors.)
- Steinke, Alfred, Harburg-Wilhelmsburg, Germany, assignor of four-tenths to F. J. L. Dorl, New York, N. Y. Spraying device. 2,035,677; Mar. 31.
- Steinman, Theodore C. (See Roedelheimer, E., and Steinman.)
- Steinmann, Karl, Winterthur, Switzerland. Rotary compressor. 2,050,473; Aug. 11.
- Steinmayer, Alwin G. (See Schultz, W. O., and Steinmayer.)
- Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Single insulator fuse mounting. 2,028,421; Jan. 21.
- Steinmayer, Alwin G., Milwaukee, assignor to The Line Material Company, South Milwaukee, Wis. Oil-filled pot head. 2,057,069; Oct. 13.
- Steinmayer, Alwin G., Milwaukee, and W. O. Schultz, assignors to Line Material Company, South Milwaukee, Wis. Housed type of drop-out fuse. 2,050,072; Aug. 4.
- Steinmetz, Alfred E., Jr. (See Navert, J. F., Steinmetz, Alfred M. and A. E.)
- Steinmetz, Alfred M. (See Navert, J. F., Steinmetz, Alfred M. and A. E.)
- Steinmetz, George R., Tiffin, Ohio. Identification card holder. 2,044,190; June 16.
- Steinmetz, Michel, Bollendorf, Eiffel, Reg. ez. Trier, Germany. Horseshoe. 2,056,373; Oct. 6.
- Steinmetz, William F., New York, N. Y. Fuel burner. 2,061,988; Nov. 24.
- Steinmetz, William F., and S. Rothschild, New York, N. Y. Safety razor. 2,053,642; Sept. 8.
- Steinway & Sons. (See Bilhuber, Paul H., assignor.)
- Stelkens, Willy, Cologne, Germany. Film extending press. 2,047,395; July 14.
- Stelkens, Willy, Cologne, Germany, assignor to United Shoe Machinery Corporation, Paterson, N. J. Conditioning device. 2,042,559; June 2.
- Stelkens, Willy, Cologne, assignor to C. F. Boehringer & Soehne G. m. b. H., Mannheim-Waldhof, Germany. Impregnating material for shoe linings. 2,054,870; Sept. 22.
- Stellar Corporation. (See Kauffmann, Frederick C., assignor.)
- Stellar Corporation. (See Parkin, Winfred T., assignor.)
- Stelzer, Franz H. B., assignor to the firm "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Machine for making cigar rolls. 2,033,310; Mar. 10.
- Stelzer, William, Oak Park, Ill. Scaffolding. 2,050,900; Aug. 11.
- Stelzer, William, assignor to Bendix Brake Company, South Bend, Ind. Wheel. 2,041,441; May 19.
- Stem, Edgar S., assignor of one-half to A. A. Stull, Alderson, Pa. Electrical connection. 2,026,755; Jan. 7.
- Stember, Bernard, East Orange, N. J. Lady's handbag. 2,061,293; Nov. 17.
- Stemen, William R. (See Urbain, O. M., and Stemen.)
- Stemen, William R. (See Urbain, O. M., and Stemen, assignors.)
- Stemmeler, Fred, Milwaukee, Wis. Spark plug. 2,064,089; Dec. 15.
- Stencel, Robert W., Lachine, Quebec, Canada. Sectional ready made house. 2,034,215; Mar. 17.
- Stene, Manfred. (See Alsaker, A., and Stene.)
- Stenerson, Leonard S., Salem, Oreg. Automatic radio frequency selector. 2,034,254; Mar. 17.
- Stengel, Charles, assignor to I. Wittinger, and S. Stankovits, Budapest, Hungary. Burglarproof coffer. 2,043,126; June 2.
- Stenger, August M. (See Le Valley, J., and Stenger, assignors.)
- Stenger, August M., Painted Post, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Railroad mounting for portables. 2,048,523; July 21.
- Stenger, August M., Painted Post, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Inlet unloader. 2,054,640; Sept. 15.
- Stenger, Edwin P., and A. O. Bruestle, assignors to The Cincinnati Mine Machinery Company, Cincinnati, Ohio. Bit block. 2,039,747; May 5.
- Stenger, Francis J., Los Angeles, assignor to C. Brooks, West Los Angeles, Calif. Device for operating animated signs. 2,053,351; Sept. 8.
- Stenger, Konrad, and C. E. Müller, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Green azodyestuffs. 2,057,455; Oct. 13.
- Stengl, Rudolph J. (See Davis, S. H., Anderson, and Stengl.)
- Stenglein, Naomi W. (See MacDonald, E. P., and Stenglein.)
- Stenhouse, David, Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Method of and apparatus for melting glass by electricity. 2,039,853; May 5.
- Stepbach, Robert F., assignor of one-half to E. H. Titchener & Co., Binghamton, N. Y., and one-half to Mushroom Supply Co., Toughkenamon, Pa. Basket handle. 2,034,065; Mar. 17.
- Stepbach, Robert F., assignor of one-half to E. H. Titchener & Co., Binghamton, N. Y., and one-half to Mushroom Supply Co., Toughkenamon, Pa. Basket handle. 2,034,066; Mar. 17.
- Stepham, Jack, Lewisham, England. Electrical signaling and indicating means. 2,054,955; Sept. 22.
- Stephan, Jack F., Los Angeles, Calif. Oil well jar. 2,059,540; Nov. 3.
- Stephen, Charles W. (See McCausland, W., and Stephen.)
- Stephens, Elton S., assignor to Consistometer Corporation, Chicago, Ill. Testing device for liquids. 2,043,127; June 2.
- Stephens, Estelle, executrix. (See Stephens, William.)
- Stephens, Fred W., Park Ridge, N. J., Combination window screen and storm sash. 2,047,086; July 7.
- Stephens, Harry D., Bristol, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Testing or inspecting machine. 2,038,012; Apr. 21.
- Stephens, Henry C., Ontario, and S. B. Hoar, Claremont, Calif., assignors, by mesne assignments, to Natural Food Products Company. Pasteurizing and cooling. 2,042,685; June 2.
- Stephens, Henry C., Balboa, and S. B. Hoar, Orange, Calif., assignors, by mesne assignments, to Natural Food Products Company. Pasteurizing and cooling. 2,042,686; June 2.
- Stephens Pump Company. (See Allen, Herbert, assignor.)
- Stephens Pump Company. (See Allen, H., and Works, assignors.)
- Stephens Pump Company. (See Tennant, J. A., and Allen, assignor.)
- Stephens, Robert M., Scotia, and V. J. Chapman, Schenectady, N. Y., assignors to General Electric Company. Welding apparatus. 2,066,163; Dec. 29.
- Stephens, Susan, Louisville, Ky. Slipper. 2,031,796; Feb. 25.



- Stephens, Thomas J., Brooklyn, N. Y. Apparatus for burning liquid fuels. 2,054,588; Sept. 15.
- Stephens, Thomas J., and H. H. Freund, Brooklyn, N. Y. Apparatus for producing and maintaining combustion of fluid fuel. 2,047,445; July 14.
- Stephens, Thomas M., Michigan City, Ind. Cutting tool. 2,058,737; Oct. 27.
- Stephens, Wayne B., Hollywood, Calif. Bridle attachment. 2,041,620; May 19.
- Stephens, William, deceased, E. Stephens, executrix, Akron, Ohio, said Stephens, assignor, by mesne assignments, to Wingfoot Corporation, Wilmington, Del. Combination compound tube. 2,050,213; Aug. 4.
- Stephens, William, deceased, by E. Stephens, executrix, Akron, Ohio; said Stephens, assignor, by mesne assignments, to Wingfoot Corporation, Wilmington, Del. Combination compound tube. 2,050,214; Aug. 4.
- Stephens, William G., Beckley, W. Va. Quick action hydraulic jack. 2,049,335; July 28.
- Stephenson, Albert. (See Bergamini, Herbert M., assignor.)
- Stephenson, Albert, assignor of one-half to H. M. Bergamini, New York, N. Y. Fracture and orthopedic operating frame. 2,027,795; Jan. 14.
- Stephenson, Arlington W., assignor, by mesne assignments, to Lenzart Company, San Francisco, Calif. Planographic printing plate and process. 2,031,185; Feb. 18.
- Stephenson, Elvin W., Oak Park, assignor to General Outdoor Advertising Co., Inc., Chicago, Ill. Advertising device. 2,041,497; May 19.
- Stephenson, John W., College Park, Ga. Grate basket. 2,050,591; Aug. 11.
- Stephenson, Paul A., Leonia, N. J., assignor to General Time Instruments Corporation, New York, N. Y. Striking clock. 2,038,965; Apr. 28.
- Stephenson, Reuben M., Oakland, Calif. Spraying materials. 2,036,837; Apr. 7.
- Stephenson, Thomas B., Springfield, Mass. Advertising, display, and demonstrating sign. 2,033,658; Mar. 10.
- Stephenson, William G., Newton Highlands, Mass. Display device and making the same. 2,061,294; Nov. 17.
- Steps, Robert A. (See Hartman, W. W., and Steps.)
- Sterick, Harrison D., Pittsburgh, Pa. Water heating and storage system. 2,033,260; Mar. 10.
- Sterick, Harrison D., Pittsburgh, Pa. Water heater. 2,060,452; Nov. 10.
- Stericker, William. (See Cleveland, T. K., and Stericker.)
- Sterling, Albert J., Brooklyn, N. Y. Airtight bag. 2,062,618; Dec. 1.
- Sterling Corporation, The. (See Flammang, J., Bowser and Ernst, assignors.)
- Sterling, Percy H., Mount Lebanon, Pa. Sink. 2,026,804; Jan. 7.
- Sterling, Robert J., assignor to United States Gypsum Company, Chicago, Ill. Plaster board reinforcement. 2,029,840; Feb. 4.
- Sterling, Scott, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Multifocal lens. 2,035,846; Mar. 31.
- Sterling Siren Fire Alarm Company Inc. (See Armstrong, Merton C., assignor.)
- Sterling Wheelbarrow Company. (See Smith, Irving R., assignor.)
- Stern, Benjamin B., Chicago, Ill. Rotary type pump. 2,064,635; Dec. 15.
- Stern, Charles, Jersey City, N. J., DeL. W. Davis, Sayre, Pa., and H. C. Gillespie, Huntington, W. Va., assignors to Ardcro Manufacturing Company, Hoboken, N. J. Rail flange lubricator. 2,047,600; July 14.
- Stern, Isaac, New York, N. Y. Collapsible furniture. 2,054,915; Sept. 22.
- Stern, Isaac, and L. Shookhoff, Brooklyn, N. Y., said Shookhoff assignor to said Stern. Conductor reel. 2,031,434; Feb. 13.
- Stern, Joel N., Alsten, and H. B. Larsen, Amal, Sweden. Planet wheel gearing. 2,031,286; Feb. 18.
- Stern, Joseph M., Company et al., The. (See Kaderbeck, George J., assignor.)
- Stern, Nathan, assignor to Alfred Teves Maschinen- und Armaturen Fabrik G. m. b. H., Frankfurt-on-the-Main, Germany. Grinding mill. 2,045,053; June 23.
- Stern, Raphael L., New Brunswick, N. J., assignor to Hercules Powder Company, Wilmington, Del. Wood pulp adapted for chemical use. 2,028,080; Jan. 14.
- Stern Slegman Prins Company. (See Prins, Frank L., assignor.)
- Sternau, S., & Co. (See Morin, Louis H., assignor.)
- Sternau, S., & Co. (See York, Albert F., assignor.)
- Sternberg, Huot W., Westport, assignor to The Owen Silent Spring Company, Inc., Bridgeport, Conn. Spring cushion structure. 2,048,414; July 21.
- Stetson, Charles C., St. Paul, Minn. Shipping container. 2,038,064; Apr. 21.
- Stetson, Graydon. (See Parsons, John B., assignor.)
- Steuer, Stefan, assignor to firm of Koh-i-noor Bleistift-fabrik U. & C. Hardtmuth, Bohm-Budweis, Czechoslovakia. Refillable pencil. 2,038,248; Apr. 21.
- Steurnagel, Rudolph, Rossville, Staten Island, N. Y. Mop holder. 2,065,407; Dec. 22.
- Steuterman, Edwin J. (See Strutz, R. M., and Steuterman.)
- Stevens, Albert W., Dayton, Ohio. Electrically operated camera shutter. 2,032,380; Mar. 3.
- Stevens, Arthur L., assignor to Katherine Stevens, Evanston, Ill. Heat interchanger. 2,051,277; Aug. 18.
- Stevens, Burt D., Evanston, and B. L. Sites, assignors to The Miehle Printing Press & Manufacturing Company, Chicago, Ill. Dampening printing plates. 2,063,636; Dec. 8.
- Stevens, Carl A., Carrollton, Ohio, assignor to The Carrollton Metal Products Company. Wire clip and handle. 2,031,577; Feb. 18.
- Stevens, Charles E., Kansas City, Mo. Turnstile. 2,037,397; Apr. 14.
- Stevens, Charles W., Bexley, Ohio. Hanger for gas meters. 2,044,647; June 16.
- Stevens, Charles W., assignor to The Lattimer-Stevens Company, Columbus, Ohio. Hanger structure for meters. 2,039,748; May 5.
- Stevens, Clarence C., Forestville, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Grinding machine. 2,040,449; May 12.
- Stevens, Clarence W., Wichita, and J. P. Neel, Valley Center, Kans. Wood storage tank for oils. 2,038,065; Apr. 21.
- Stevens, Clifford E., Glen Ridge, and W. T. Taber, Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electroacoustic device. 2,039,854; May 5.
- Stevens, Daniel S., Chicago, Ill. Gaseous conduction device. 2,061,390; Nov. 17.
- Stevens, Daniel S., and R. S. Woll, Chicago, Ill. Sterilizing device. 2,028,256; Jan. 21.
- Stevens, Donald R., Pittsburgh, and W. A. Gruse, Wilkesburg, assignors, by mesne assignments, to Gulf Oil Corporation of Pennsylvania, Pittsburgh, Pa. Degumming gasoline and the like. 2,038,614; Apr. 28.
- Stevens, Donald R., and C. R. Payne, assignors, by mesne assignments, to Gulf Oil Corporation, Pittsburgh, Pa. Degumming and stabilizing hydrocarbon distillates. 2,044,739; June 16.
- Stevens, Donald R., Swissvale, and W. A. Gruse, Wilkesburg, assignors, by mesne assignments, to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of antioxidants. 2,061,111; Nov. 17.
- Stevens, Ealy T., Nashville, Tenn. Rack. 2,043,841; June 9.
- Stevens, Elbridge W., Baltimore, Md. Lead-in conductor. 2,064,184; Dec. 15.
- Stevens, Emmazean, executrix. (See Stevens, Harry M.)
- Stevens, Fred, assignor to American Cast Iron Pipe Company, Birmingham, Ala. Sealing composition. 2,059,409; Nov. 3.
- Stevens, Frederick A., Providence, R. I. Ophthalmic mounting and parts thereof. 2,036,550; Apr. 7.
- Stevens, Frederick A., Providence, R. I. Ophthalmic mounting and method. 2,036,551; Apr. 7.
- Stevens, Frederick A., Providence, R. I. Ophthalmic mounting. 2,036,552; Apr. 7.
- Stevens, Frederick A., Providence, R. I. Tool for securing small metal screws in threaded position. 2,036,553; Apr. 7.
- Stevens, George E., Scottsbluff, Nebr., assignor to Western States Machine Company, Salt Lake City, Utah. Treating massecuite. 2,055,778; Sept. 29.
- Stevens, Harry F., Bartlesville, Okla. Sidewall formation sampler. 2,044,648; June 16.
- Stevens, Harry M., deceased, Schenectady, N. Y., by Emmazean Stevens, executrix, Schenectady, N. Y., assignor to General Electric Company. Time element device. 2,029,136; Jan. 28.
- Stevens, Harry M., deceased, E. Stevens, executrix, Schenectady, N. Y., assignor to General Electric Company. Electroresponsive device. 2,029,137; Jan. 28.
- Stevens, Henry P., assignor to Rubber Producers Research Association, London, England. Treatment of latex. 2,049,828; Aug. 4.
- Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Method and apparatus for shaping tires and mounting expandable cores therein. 2,028,695; Jan. 21.
- Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for treating plastic material. 2,032,073; Feb. 25.
- Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Slitting attachment for calenders. 2,034,641; Mar. 17.
- Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire building apparatus. 2,034,642; Mar. 17.
- Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire building apparatus. 2,045,534; June 23.
- Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Skiving apparatus. 2,048,361; July 21.
- Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Method and apparatus for making inner tubes. 2,065,033; Dec. 22.
- Stevens, J., Arms Company. (See Jefferson, Charles J., assignor.)
- Stevens, Joseph R. (See Morton, A. A., and Stevens.)
- Stevens, Katherine. (See Stevens, Arthur L., assignor.)
- Stevens, M. T., and Sons Company. (See Perry, Charles B., assignor.)
- Stevens, Robert C. (See Laube, G., Stevens, and Kaufman.)
- Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,028,631; Jan. 21.



- Stevens, Roy B., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Shipping cover. 2,035,027; Mar. 24.
- Stevens, Walter H. (See Steele, C. G., and Stevens.)
- Stevens, William H. (See Dougherty, A. P., and Stevens.)
- Stevens, William W., and C. P. Buhl, Dallas, Tex. Cooking utensil. 2,040,676; May 12.
- Stevenson, Abraham C., et al. (See Smith, William J., assignor.)
- Stevenson, Alexander R. Jr., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,047,039; July 7.
- Stevenson, Alexander R., Jr., Schenectady, N. Y., assignor to General Electric Company. Heat exchange apparatus. 2,056,023; Sept. 29.
- Stevenson, Andrew C., Fleet, England. Road vehicle. 2,032,511; Mar. 3.
- Stevenson, Ashton G., Chicago, Ill. Slug casting mold. 2,036,893; Apr. 7.
- Stevenson, Harry C., assignor to The Rochester Folding Box Co., Rochester, N. Y. Container for fragile articles. 2,038,454; Apr. 21.
- Stevenson, James A., Hamilton, Ohio. Garden cultivator. 2,044,262; June 16.
- Stevenson, James H., Los Angeles, Calif. Child's wheeled vehicle. 2,031,015; Feb. 18.
- Stevenson, Philip H., assignor of one-third to P. A. Witt, and one-third to G. A. Witt, Denver, Colo. Ore concentrating device. 2,052,809; Sept. 1.
- Stevenson, William M., Springfield, Mass., assignor to Chicopee Manufacturing Corporation, New Brunswick, N. J. Conditioning regenerated cellulose for use in the arts. 2,045,498; June 23.
- Stevey, Frederick C., Camas, Wash. Automatic coordinators for main and auxiliary sources of electricity. 2,041,306; May 19.
- Steward, Arthur B. (See Jeffries, H. W., and Steward.)
- Steward, Colby W., Manchester, Conn., assignor to Curtiss Aeroplane & Motor Company, Inc. Retractable landing gear. 2,044,338; June 16.
- Steward, Douglas P. (See Sann, O., and Steward.)
- Steward, Douglas P., Westmont, Pa. Car wheel and method of manufacture. 2,046,216; June 30.
- Steward, Douglas P., and J. V. Stewart, Johnstown, assignors to The Lorain Steel Company, Johnstown, Pa. Frog and switch track work. 2,030,231; Feb. 11.
- Steward, Douglas P., and J. V. Stewart, assignors to The Lorain Steel Company, Johnstown, Pa. Rail brace. 2,035,929; Mar. 31.
- Stewart, Alexander. (See McQueen, S. T., and Stewart.)
- Stewart, Alexander, Roselle, N. J., assignor to National Lead Company, New York, N. Y. Plumbite solutions. 2,047,040; July 7.
- Stewart, Andrew. (See Kirby, Matthew R., assignor.)
- Stewart, Andrew H., Shields, Pa. Furnace wall. 2,042,560; June 2.
- Stewart, Andrew H., Shields, Pa. Glass articles and making the same. 2,053,923; Sept. 8.
- Stewart, Andrew H., Shields, Pa., assignor to Ball Brothers Company, Muncie, Ind. Glass feeding method and apparatus. 2,053,381; Sept. 8.
- Stewart, Andrew H., Shields, assignor to The Phoenix Glass Company, Monaca, Pa. Glass feeding method and apparatus. 2,055,676; Sept. 29.
- Stewart, Andrew H., Shields, Pa., assignor to Ball Brothers Company, Muncie, Ind. Glass feeding apparatus. 2,062,619; Dec. 1.
- Stewart, Andrew H., Shields, Pa., assignor to Ball Brothers Company, Muncie, Ind. Method of and apparatus for feeding glass. 2,062,620; Dec. 1.
- Stewart Bros. (See Bailey, Charles W., assignor.)
- Stewart, Carlton D., Berkeley, Calif., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Trip cock device. 2,028,726; Jan. 21.
- Stewart, Charles B., and E. E. Johnson, St. Charles, Ill. Metal building structure. 2,038,966; Apr. 28.
- Stewart, Charles E., Verdun, assignor to June Corporation Limited, Montreal, Quebec, Canada. Axle drive mechanism. 2,043,077; June 2.
- Stewart, Charles E., Verdun, assignor to Juno Corporation, Ltd., Montreal, Quebec, Canada. Lubricator. 2,063,352; Dec. 8.
- Stewart, Charles G., New York, N. Y. Combination book and attaching device. 2,027,889; Jan. 14.
- Stewart, Clyde E., Upper Darby, Pa., assignor to General Electric Company. Electric impulse transmitting system. 2,053,118; Sept. 1.
- Stewart, Donald H., assignor to Eastman Kodak Company, Rochester, N. Y. Camera latch. 2,027,004; Jan. 7.
- Stewart, Duncan J., assignor to H. J. Colman, Rockford, Ill. Temperature control system. 2,062,337; Dec. 1.
- Stewart, Earl M., and S. Shagrin, Youngstown, Ohio. Arc hand heel support. 2,031,510; Feb. 18.
- Stewart, Edward C., assignor to Tygart Valley Glass Company, Washington, Pa. Leer. 2,033,261; Mar. 10.
- Stewart, Edward C., Washington, Pa., assignor, by mesne assignments, to Hartford-Empire Company, Hartford, Conn. Apparatus for feeding molten glass. 2,060,475; Nov. 10.
- Stewart, Emmitt L., Oklahoma City, Okla., assignor to P. P. Williams and C. L. Purdue. Attachment for measuring tapes. 2,035,379; Mar. 24.
- Stewart, Fred L. (See Terry, M. H., and Stewart.)
- Stewart, Frederick W., Beaver, assignor to The Phoenix Glass Company, Monaca, Pa. Receptacle for liquids. 2,052,728; Sept. 1.
- Stewart, George H. (See Merrill, A. B., and Stewart.)
- Stewart, Hector H. (See Edlin, G. S., and Stewart.)
- Stewart, John E. (See Praetorius, E., and Stewart.)
- Stewart, John H., assignor of one-half to R. A. Stewart, Lynnfield, Mass. Shoe counter mold. 2,053,352; Sept. 8.
- Stewart, John Q. (See Frantz, S. G., and Stewart.)
- Stewart, John V. (See Stewart, D. P., and Stewart.)
- Stewart, Leon D. (See Baxter, R. C., and Stewart.)
- Stewart & Lloyds Limited. (See Neilson, J. R. B., and Willis, assignors.)
- Stewart, Marion S., Wellesley, Mass. Food strainer. 2,030,274; Feb. 11.
- Stewart, Patterson O., New York, N. Y. Suppressor. 2,033,745; Mar. 10.
- Stewart, Ralph B., Chevy Chase, Md. Game device. 2,061,112; Nov. 17.
- Stewart, Robert J. (See Huntley, G. J., and Stewart.)
- Stewart, Roland A. (See Stewart, John H., assignor.)
- Stewart, Vernon A. (See Klopfenstein, C., and Stewart.)
- Stewart, Walter C., Gastonia, N. C. Differential for roving frames and the like. 2,038,860; Apr. 28.
- Stewart, Walter C., assignor to W. A. Klutz, Gastonia, N. C. Compound differential for roving frames. 2,027,710; Jan. 14.
- Stewart-Warner Corporation. (See Bystricky, Joseph, assignor.)
- Stewart-Warner Corporation. (See Bystricky, J., and Schmid, assignor.)
- Stewart-Warner Corporation. (See Davis, Ernest W., assignor.)
- Stewart-Warner Corporation. (See Davis, E. W., and Williams, assignors.)
- Stewart-Warner Corporation. (See Hansmann, Elwood, assignor.)
- Stewart-Warner Corporation. (See Le Fevre, Arden W., assignor.)
- Stewart-Warner Corporation. (See Nord, Walter G., assignor.)
- Stewart-Warner Corporation. (See Thomas, G. F., and Bystricky, assignors.)
- Stewart-Warner Corporation. (See Whitted, John B., assignor.)
- Stewart-Warner Corporation. (See Williams, Lynn A., assignor.)
- Stewart-Warner Corporation. (See Zerk, Oscar U., assignor.)
- Stibbe, Erving H., Peshtigo, Wis. Jar holder. 2,055,854; Sept. 29.
- Sticelber, Merlin A. (See Stoneman, William, Jr., assignor.)
- Sticelber, Merlin A., Kansas City, assignor of one-half to W. Stoneman, Jr., Kansas City, Mo. Controlling temperatures in the refrigerating systems of package sealing machines. 2,030,725; Feb. 11.
- Sticelber, Merlin A., Kansas City, Mo. Sealing equipment for wrapping machines. 2,049,876; Aug. 4.
- Stich, John, Oneida, N. Y. Tape cutter. 2,038,910; Apr. 28.
- Sticht, Martin F., Woodhaven, N. Y. Cabinet. 2,061,010; Nov. 17.
- Sticht, William F., Maplewood, N. J. Vibrating tooth brush. 2,044,863; June 23.
- Stickel, Carl A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,029,279; Jan. 28.
- Stickel, Charles W. (See Tuttle, W. R., and Stickel.)
- Stickley, George W., Massena, N. Y., assignor to Aluminum Company of America, Pittsburgh, Pa. Vibration damper. 2,043,717; June 9.
- Stickley, Leopold, Fayetteville, N. Y. Wood joint construction. 2,053,382; Sept. 8.
- Stickney, Burnham C., Hillside, N. J. Internal combustion engine. 2,047,235; July 14.
- Stickney, Burnham C., Hillside, N. J., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Tabulating device. 2,027,565; Jan. 14.
- Stickney, Burnham C., Hillside, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Type-writing machine. 2,038,685; Apr. 28.
- Stickney, Burnham C., Hillside, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Computing machine. 2,058,922; Oct. 27.
- Stickney, Burnham C., Hillside, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Type-writing machine. 2,061,989; Nov. 24.
- Stickney, Fernald S., Nutley, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Instrument casing. 2,055,990; Sept. 29.
- Stiebel, Theodor, Berlin-Tempelhof, Germany. Electrically heated water reservoir. 2,051,657; Aug. 18.
- Stiebel, Theodor, Berlin-Tempelhof, Germany. Electrically heated hot water reservoir. 2,051,658; Aug. 18.
- Stiebel, Theodor, Berlin-Tempelhof, Germany. Electric immersion heater. 2,060,644; Nov. 10.
- Stiegler, Gerhard, Hohenstein, Germany. Stocking. 2,057,929; Oct. 20.
- Stiehl, Otto E., Solingen, and E. Lohr, Jr., Solingen-Ohligs, Germany. Knife with handle casing. 2,037,943; Apr. 21.



- Stieler, Harry F., assignor to Altos Hydraulic Devices Company, Chicago, Ill. Jack. 2,036,654; Apr. 7.
- Stiemke, Walter H. (See Jett, George C., assignor.)
- Stiening, Frank H., Mount Lebanon, assignor of one-half to E. A. Hamburg, Pittsburg, Pa. Refrigerating apparatus. 2,047,753; July 14.
- Stiff, Fred C. (See Connors, G. H., and Stiff.)
- Stigen, Alf L., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Means to control the ratio between separated constituents in a centrifugal separator. 2,055,915; Sept. 29.
- Stikstofbindingsindustrie "Nederland". (See van Seters, Arnoud W., assignor.)
- Stiles, Hugh R. (See Legg, D. A., and Stiles.)
- Stiles, Noel R., Billingshurst, England. Construction of vacuum carpet sweepers. 2,052,498; Aug. 25.
- Still, Andrew L., Los Angeles, Calif. Automatic brake. 2,031,186; Feb. 18.
- Still, Andrew L., Los Angeles, Calif. Process and apparatus for cracking oil. 2,039,611; May 5.
- Still, Arthur J. (See Shreve, R. N., Pritchard, Farr, Still, and Crosby.)
- Still, Carl Gesellschaft mit beschränkter Haftung. (See Breitbach, Fritz, assignor.)
- Still, Carl, Recklinghausen, Germany. Apparatus for the production of coke and gas in horizontal chamber ovens. 2,030,334; Feb. 11.
- Still, Carl, Recklinghausen, Germany. Apparatus for the expansion of hydrocarbons for cracking and distillation. 2,030,771; Feb. 11.
- Still, W. M., & Sons Limited. (See Jones, Alfred, assignor.)
- Stille Inventions Limited. (See von Heising, Kurt, assignor.)
- Stilling, William H., London, assignor to Isaac Braithwaite & Son Engineers Limited, Kendal, England. Automatic time release device. 2,032,189; Feb. 25.
- Stillman, Albert L. (See Zwayer, E. B. A., and Stillman.)
- Stillman, Thomas B., South Orange, assignor to The Babcock & Wilcox Company, Newark, N. J. Steam boiler. 2,048,039; July 21.
- Stillwell, Albert G., Cos Cob, Conn. Fertilizer and making same. 2,049,524; Aug. 4.
- Stillwell, Albert G., Cos Cob, Conn. Fertilizer base material. 2,049,525; Aug. 4.
- Stillwell, Charles W., Framingham, Mass., assignor to A. J. Messner, Rochester, N. Y., and E. L. Schumacher, Southbridge, Mass. Container. 2,031,233; Feb. 18.
- Stillwell, William D. (See Harshaw, W. J., and Stillwell.)
- Stilson, Alec Y., assignor to Sargent & Company, New Haven, Conn. Casket handle. 2,065,764; Dec. 29.
- Stilson, Herbert A., et al. (See Houtsinger, Henry J., assignor.)
- Stilwell, Fred W., Kansas City, Mo. Vehicle spring. 2,054,305; Sept. 15.
- Stilwell, George R., Plainfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Photo-electric tube. 2,029,040; Jan. 28.
- Stilwell, Neil C., Anderson, Ind. Toy. 2,038,769; Apr. 28.
- Stimmel, Edgar P. (See Dempsey, H. C., and Stimmel.)
- Stimpson, Edwin B., Company. (See Gualtiere, Julius, assignor.)
- Stimpson, Edwin B., Company. (See Rau, Henry V., assignor.)
- Stimpson, Wallace I., and F. E. Douglas, assignors to Draper Corporation, Hopedale, Mass. Loom temple. 2,042,415; May 26.
- Stimpson, Walter F. (See Connors, Carl L., assignor.)
- Stimpson, Walter F., Detroit, Mich. Weighing scale. 2,047,335; July 14.
- Stimson, Jonathan C., Chicago, Ill. Apparatus for making reflectors. 2,056,491; Oct. 6.
- Stimson, Robert W. (See Saltrick, William R., assignor.)
- Stimson, Robert W., New York, N. Y. Manufacture of metallic alloys. 2,049,091; July 28.
- Stine, Samuel B., Osceola Mills, Pa. Strainer. 2,049,336; July 28.
- Stine, Wilmer E., assignor to The Lincoln Electric Company, Cleveland, Ohio. Material for arc welding. 2,065,157; Dec. 22.
- Stiner, Edgar E., Sharps Chapel, Tenn. Retractable step for vehicles and the like. 2,029,745; Feb. 4.
- Stines, Daniel E. (See Packie, J. W., and Stines.)
- Stinson, Edgar S., Wenatchee, assignor of one-half to H. M. Madden, Seattle, Wash. Floor polishing machine. 2,041,442; May 19.
- Stinson, Lyman A., Chicago, assignor of one-half to J. L. Allen, Wilmette, Ill. Automatic show card printing device. 2,060,749; Nov. 10.
- Stires, William H., assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Dredge bucket. 2,052,521; Aug. 25.
- Stires, William H., assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Dredge bucket. 2,063,858; Dec. 8.
- Stires, William H., assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Dredge bucket. 2,063,859; Dec. 8.
- Stirlen, Eugene D. (See Haugh, H. A. Jr., Geer, and Stirlen.)
- Stirlen, Eugene D., and C. D. Geer, assignors to The Engineering and Research Corporation, New Haven, Conn. Control system. 2,049,526; Aug. 4.
- Stirlen, Eugene D., and F. G. Kelly, assignors to American Teletector Corporation, New Haven, Conn. Alarm system. 2,064,994; Dec. 22.
- Stirling, Charles P., Wilmington, Mass., assignor to Oxford Varnish Corporation, Detroit, Mich. Printing member. 2,039,195; Apr. 28.
- Stirling, Robert L., Salinas, and K. J. W. Freitag, Oakland, Calif. Said Freitag assignor to said Stirling. Field motor truck. 2,054,143; Sept. 15.
- Stirrup, Frank A., Westfield, N. J. Paper roll fixture. 2,052,950; Sept. 1.
- Stirrup, Frank A., Westfield, N. J., assignor of one-third to A. C. Ayer, Scarsdale, N. Y., and one-third to F. F. Engstrom, Newark, N. J. Cork or plug for hollow tiles. 2,055,184; Sept. 22.
- Stitz, Wilbur E., Dayton, Ohio. Frequency meter. 2,060,834; Nov. 17.
- Stivender, Paul M., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Regulating system. 2,055,138; Sept. 22.
- Stivers, Earl R., Rockaway, N. J., assignor to Stapling Machines Co. Partition for compartment boxes or crates. 2,039,612; May 5.
- Stockdale, Harry C., Ravenna, Ohio, assignor to Food Machinery Corporation, San Jose, Calif. Apparatus for bagging rollable articles. 2,028,297; Jan. 21.
- Stockdale, Harry C., Ravenna, Ohio, assignor to Food Machinery Corporation, San Jose, Calif. Machine for bagging potatoes or the like. 2,065,158; Dec. 22.
- Stockdale, Thomas E. (See MacLaren, F. H., and Stockdale.)
- Stockel, Hans C., Chicago, Ill. Coin slot mechanism. 2,049,527; Aug. 4.
- Stockelbach, Frits E., Montclair, N. J. Photographic developer. 2,037,742; Apr. 21.
- Stockelbach, Frits E., Montclair, N. J. Composition for preventing sunburn. 2,041,874; May 26.
- Stocker, Arthur C., Haddon Heights, N. J., assignor to Radio Corporation of America. Impedance coupled amplifier. 2,045,316; June 23.
- Stockfeth, Sigurd J., Bloomington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,045,971; June 30.
- Stockholm, Charles A., Beaumont, Tex. Level and inclinometer. 2,042,365; May 26.
- Stockholms Benmjölsfabriks Aktiebolag. (See Eckerbom, Gustaf, assignor.)
- Stockil, Raymond O., Takoma Park, Md. Foldable and reclining chair. 2,037,945; Apr. 21.
- Stöcklin, Ernst. (See Kambli, E., Fröhlich, and Stöcklin.)
- Stöcklin, Ernst. (See Kambli, E., and Stöcklin.)
- Stöcklin, Ernst, Binningen, near Basel, assignor to "Society of Chemical Industry in Basle," Basel, Switzerland. Indigoid dyestuffs and making same. 2,027,890; Jan. 14.
- Stocks, Herbert H. (See Linch, F. W., and Stocks.)
- Stockstrom, Arthur, and A. H. Brodbeck, assignors to American Stove Company, St. Louis, Mo. Broiler for gas ranges. 2,027,124; Jan. 7.
- Stocq, Edmond, Nice, France. Shock absorber for vehicles and other loads. 2,045,208; June 23.
- Stoddard, Alfred L. (See Stout, Lloyd J., assignor.)
- Stoddard, Edgar S., Berwyn, assignor to The Conover Company, Chicago, Ill. Dishwashing machine. 2,032,156; Feb. 25.
- Stoddard, Edgar S., Berwyn, assignor to The Conover Company, Chicago, Ill. Dishwashing machine. 2,044,132; June 16.
- Stoddard, Ralph N., assignor to Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa. Welding method and apparatus. 2,050,393; Aug. 11.
- Stoddard, Wallace W., Savannah, Ga. Veneer machine. 2,027,295; Jan. 7.
- Stoddard, William B., Jr. (See Weisberg, L., and Stoddard, Jr.)
- Stoekicht, Wilhelm, Munich-Solln, Germany. Planet gearing. 2,027,655; Jan. 14.
- Stoekly, Johann J. (See Hartmann, A., Stoekly, and Uytendogaart.)
- Stoekle, Erwin R., assignor to Central Radio Laboratories, Inc., Milwaukee, Wis. Key operated control means for radio receiving sets. 2,039,123; Apr. 28.
- Stoekle, Erwin R., assignor to Central Radio Laboratories, Inc., Milwaukee, Wis. Adjustable resistance. 2,041,380; May 19.
- Stoerk, Carl. (See Knoll, M., Schiff, and Stoerk.)
- Stoesser, Sylvia M. (See Grebe, J. J., and Stoesser.)
- Stoesser, Sylvia M. (See Grebe, J. J., Stoesser, and Minger.)
- Stoesser, Sylvia M., and W. Fry, assignors to The Dow Chemical Company, Midland, Mich. Acid composition for treatment of deep wells. 2,048,362; July 21.
- Stoesser, Wesley C., assignor to The Dow Chemical Company, Midland, Mich. Halogenated phenyl-diphenyl oxide. 2,028,081; Jan. 14.
- Stoesser, Wesley C., assignor to The Dow Chemical Company, Midland, Mich. Purification of phenylphenols. 2,050,815; Aug. 11.
- Stoffel, Franz L., Arbon, Switzerland. Apparatus for making signs. 2,062,044; Nov. 24.
- Stoffel, Henry, Wichita, Kans. Delivery bike. 2,034,153; Mar. 17.



- Stogoff, Peter E., Wilksburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Energy translating system. 2,032,958; Mar. 3.
- Stokely, Ray L., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,029,683; Feb. 4.
- Stokely, Ray L., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,034,846; Mar. 24.
- Stokely, Ray L., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,039,668; May 5.
- Stokely, Ray L., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,041,096; May 19.
- Stokely, Ray L., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,042,561; June 2.
- Stokely, Ray L., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,042,562; June 2.
- Stokely, Ray L., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,060,261; Nov. 10.
- Stokes, F. J., Machine Company. (See Stokes, Francis J., assignor.)
- Stokes, F. J., Machine Company. (See Westin, Charles J., assignor.)
- Stokes, F. J., Machine Company. (See Westin, C. J., and Beck, assignors.)
- Stokes, F. J., Machine Company. (See Westin, C. J., and Donaghy, assignors.)
- Stokes, Francis J., assignor to F. J. Stokes Machine Company, Philadelphia, Pa. Automatic tube closing and clip attaching machine. 2,027,792; Jan. 14.
- Stokes, George, Long Beach, Calif. Time switch mechanism. 2,031,187; Feb. 18.
- Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Expandable bit. 2,060,352; Nov. 10.
- Stokes, John S., Huntington Valley, and E. G. Rider, assignors to Stokes and Smith Company, Philadelphia, Pa. System for making box blanks. 2,048,301; July 21.
- Stokes and Smith Company. (See Federwitz, Theodore A., assignor.)
- Stokes & Smith Company. (See Federwitz, T. A., and Bailey, assignors.)
- Stokes and Smith Company. (See Remington, Joseph P., assignor.)
- Stokes and Smith Company. (See Rider, Ernest G., assignor.)
- Stokes and Smith Company. (See Rider, E. G., and Bailey, assignors.)
- Stokes and Smith Company. (See Stokes, J. S., and Rider, assignors.)
- Stokes, William K., assignor to The Alvey-Ferguson Company, Cincinnati, Ohio. Live roller conveyer. 2,055,053; Sept. 22.
- Stokke, Herbert M. (See Smith, Harold H., assignor.)
- Stokkeby, Einar O., Goteborg, Sweden. Manufacture of rice flakes. 2,064,701; Dec. 15.
- Stoll, Albert, Koblenz, Switzerland. Reclining chair. 2,027,125; Jan. 7.
- Stoll, Albert, assignor to C. L. Brackett, Detroit, Mich. Washer. 2,034,494; Mar. 17.
- Stoll, Forest R., Carey, Ohio. Well-drilling machine. 2,035,350; Mar. 24.
- Stoll, Hermann, assignor to Robert Bosch Aktiengesellschaft Stuttgart, Germany. Incandescent igniter. 2,031,985; Feb. 25.
- Stoll, Max, Brooklyn, N. Y. Tilting and swivel chair. 2,048,148; July 21.
- Stollberg, Walter C., Quincy, Ill. Overflow device. 2,032,231; Feb. 25.
- Stoller, Hugh M. (See Fetter, C. H., Morton, and Stoller.)
- Stoller, Hugh M., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiple speed motor. 2,041,875; May 26.
- Stoller, Hugh M., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic device. 2,046,705; July 7.
- Stoltenberg, Louis, Oakland, Calif. Window sash. 2,031,338; Feb. 18.
- Stoltenberg, Louis, Oakland, Calif. Potato harvesting apparatus. 2,053,643; Sept. 8.
- Stolz, Joseph, Sachenhausen-in-Mark, J. Hanke and G. Lux, Berlin-Charlottenburg, and R. Logstädt, Berlin-Schöneberg, Germany, assignors to Westinghouse Electric and Manufacturing Company. Circuit breaker. 2,044,133; June 16.
- Stone, Abraham, Brooklyn, N. Y. Clothing container. 2,030,661; Feb. 11.
- Stone, Albert A., and R. Clarkson, Deptford, London, England. Packing machine. 2,045,337; June 23.
- Stone, Arthur A., assignor of one-fifth to F. J. Stone, Minneapolis, Minn., and one-fifth to O. E. Stone, Toledo, Ohio, and one-fifth to C. P. Stone, Owatonna, Minn. Station indicator. 2,034,450; Mar. 17.
- Stone, Barbara, New York, N. Y. Combined article wrapper and carrier. 2,054,641; Sept. 15.
- Stone, Charles, Wayland, Mich. Self-propelled roller skate. 2,061,334; Nov. 17.
- Stone, Charles P., et al. (See Stone, Arthur A., assignor.)
- Stone, Donald D., Flint, assignor to General Motors Corporation, Detroit, Mich. Bearing lubrication. 2,030,232; Feb. 11.
- Stone, Earl R., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Grate structure. 2,062,481; Dec. 1.
- Stone, Edward, San Francisco, Calif. Flower holder. 2,057,856; Oct. 20.
- Stone, Elmer B., assignor to The American Hardware Corporation, New Britain, Conn. Permutation lock. 2,062,431; Dec. 1.
- Stone, Fred B., Haddon Heights, N. J., assignor to Radio Corporation of America. Detector-oscillator circuit. 2,047,653; July 14.
- Stone, Fred B., Haddon Heights, N. J., assignor to Radio Corporation of America. Electric discharge modulating system. 2,050,474; Aug. 11.
- Stone, Frederick, assignor, by mesne assignments, to Hydril Company, Los Angeles, Calif. Packing head. 2,038,140; Apr. 21.
- Stone, Fredrick J., et al. (See Stone, Arthur A., assignor.)
- Stone, Frederick W., Cleveland, Ohio. Apparatus for oil fractionation. 2,048,576; July 21.
- Stone, George W., Yukon, W. Va. Safety mine car scotch. 2,038,141; Apr. 21.
- Stone, Harry W., Los Angeles, Calif. Vehicle construction. 2,052,056; Aug. 25.
- Stone, Irwin, New York, N. Y. Insecticidal spray. 2,028,109; Jan. 14.
- Stone, Irwin, New York, N. Y. Container for ice cream, etc. 2,034,067; Mar. 17.
- Stone, Irwin, New York, N. Y. Sterilizing vacuum cleaner dirt receptacles. 2,061,176; Nov. 17.
- Stone, J., & Company Limited. (See Brown, Arthur J. S., assignor.)
- Stone, J., & Company Limited. (See Cotter, Ernest W., assignor.)
- Stone, J., & Company Limited. (See Empson, Alfred W., assignor.)
- Stone, James A., Philadelphia, Pa. Refrigerator. 2,030,413; Feb. 11.
- Stone, John S., San Diego, Calif., assignors to American Telephone and Telegraph Company. Composite oscillator for electromagnetic waves. 2,026,712; Jan. 7.
- Stone, John S., San Diego, Calif., assignor to American Telephone and Telegraph Company. Radio receiving system. 2,037,154; Apr. 14.
- Stone, Lawrence, Jr., Denver, Colo. Automatic short wave converter. 2,033,492; Mar. 10.
- Stone, Leland F., Congers, N. Y., assignor to General Electric Company. Protective arrangement. 2,032,959; Mar. 3.
- Stone, Levi R., Lodi, and E. E. Smith, Chico, Calif., said Smith assignor to said Stone. Nut meat picking machine. 2,048,204; July 21.
- Stone, Mandel, Chicago, Ill. Locking a door. 2,031,552; Feb. 18.
- Stone, Melvin, New York, N. Y. Metallic printing process. 2,043,309; June 9.
- Stone, Nathaniel B., Washington, D. C. Chuck. 2,039,855; May 5.
- Stone, Ordell E., et al. (See Stone, Arthur A., assignor.)
- Stone, Richard E., Cocoa, Fla. Directional signal for automobiles. 2,050,769; Aug. 11.
- Stone, Sam, Seattle, Wash. Propelling pleasure boats. 2,031,339; Feb. 18.
- Stone, Sardine and C. W. Weidner, Columbus, Ohio. Combination anti-rail creeper and fastener. 2,053,168; Sept. 1.
- Stone, Walter R., Inman, S. C. Rocker shaft bearing for looms. 2,049,753; Aug. 4.
- Stone, William A., Kalamazoo, Mich. Lighting fixture. 2,065,626; Dec. 29.
- Stoneback, Samuel A., Philadelphia, Pa. Window glass insulation system. 2,042,077; May 26.
- Stoneberg, Fred. (See Galum, J. C., Jr., and Stoneberg.)
- Stonebraker, Fred, Sr., San Diego, Calif. Display sign. 2,031,620; Feb. 25.
- Stonecipher, Oscar J., Taylorville, Ill., assignor of one-half to A. Lang, Indianapolis, Ind. Clamping wires and wire clamp. 2,039,462; May 5.
- Stoneman, William, Jr. (See Sticelber, Merlin A., assignor.)
- Stoneman, William, Jr., assignor of one-half to M. A. Sticelber, Kansas City, Mo. Heat-exchange unit for wrapping machines. 2,053,540; Sept. 8.
- Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Drill chuck. 2,042,197; May 26.
- Stoner, William, Fresno, Calif. Drier. 2,058,739; Oct. 27.
- Stoner, William J., Oklahoma City, Okla. Gas mixer. 2,052,258; Aug. 25.
- Stoney, John T., Lakewood, Ohio, and U. B. Williams, Miami, Fla. Kite plane. 2,063,961; Dec. 15.
- Stoody Company. (See Stoody, Shelley M., assignor.)
- Stoody Company. (See Stoody, Winston F., assignor.)
- Stoody, Shelley M., assignor to Stoody Company, Whittier, Calif. Scarifier tooth. 2,033,594; Mar. 10.
- Stoody, Winston F., assignor to Stoody Company, Whittier, Calif. Sand blast nozzle and holder. 2,038,249; Apr. 21.
- Stoos, Joseph A. (See Cornell, E. S., Koerner, and Stoos.)
- Stopford, Charles W. (See Humphreys, O. W., Hunt, and Stopford.)



- Stoppany, Ambrogio, Mailand, Italy, assignor to Ringsdorf-Werke Aktiengesellschaft, Mehlem on the Rhine, Germany. Brush holder for electrical apparatus. 2,039,196; Apr. 28.
- Stöppel, Maximilian, Lippstadt, assignor to Josef Scholtes, Düsseldorf, Germany. Apparatus for cutting foods and the like. 2,040,017; May 5.
- Storaasli, George, Spokane, Wash. Christmas tree lamp socket holder. 2,036,655; Apr. 7.
- Storace, Giovanni B., Savona, Italy. Road and like paving. 2,047,119; July 7.
- Storch, Albert. (See Becker, L., and Storch.)
- Storch, Henry H., Pittsburgh, Pa., and N. Fragen, Ann Arbor, Mich., assignors to The United States of America, as represented by the Secretary of Commerce. Recovering potassium sulphate from syngenite. 2,033,159; Mar. 10.
- Storch, Max H., Bell Harbor, N. Y. Frame assembly for mirrors and the like. 2,049,029; July 28.
- Storch, Max H., Bell Harbor, Long Island, N. Y. Frame assembly for mirrors and the like. 2,056,811; Oct. 6.
- Storch, Otto P., Ozone Park, N. Y. Collapsible display device. 2,049,231; July 28.
- Storch, Otto P., Ozone Park, assignor to The United States Printing & Lithograph Company, New York, N. Y. Flash-light display rack. 2,028,026; Jan. 14.
- Storch, Samuel, Brooklyn, N. Y. Hair brush. 2,059,617; Nov. 3.
- Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Sheet stock clamp for duplicators. 2,036,971; Apr. 7.
- Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Apparatus for duplicating printed matter. 2,036,972; Apr. 7.
- Storck, Frederick W., Arlington, assignor to Standard Mailing Company, Everett, Mass. Block-out system and device. 2,049,877; Aug. 4.
- Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Addressing machine. 2,054,344; Sept. 15.
- Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Feeding severing, and moistening device. 2,061,524; Nov. 17.
- Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Master clamping device for duplicators. 2,061,525; Nov. 17.
- Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Moistening and feeding device for duplicators. 2,061,526; Nov. 17.
- Storck, Walter H., Nashville, Ill. Metal weather strip. 2,032,726; Mar. 3.
- Storer, Norman W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transportation apparatus. 2,044,134; June 16.
- Storer, Richard M., Denver, Colo. Mold for freezing liquids or semiliquids. 2,032,639; Mar. 3.
- Storey, Norman C., Hunslet, Leeds, England. Auxiliary transmission mechanism for use on tractors. 2,034,778; Mar. 24.
- Storey, Norman C., Hunslet, Leeds, England. Tilling machinery of the rotary type. 2,034,779; Mar. 24.
- Storey, Norman C., Hunslet, Leeds, England. Rotary tilling machinery. 2,034,780; Mar. 24.
- Storey, Norman C., Leeds, England. Tractor hoist. 2,054,608; Sept. 15.
- Storey, Norman C., and P. R. Hasson, Hunslet, Leeds, England. Rotary tilling machine. 2,031,188; Feb. 18.
- Storey, Ralph C. (See Ellis, G. H., and Storey.)
- Storey, Storey and Donaghey. (See Newton, Lee F., assignor.)
- Stork, Charles H., New Philadelphia, Ohio. Trousers support and fastener. 2,053,169; Sept. 1.
- Stork, Frederick W. (See Eastham, Charles J., assignor.)
- Storke, Harold G., Trustee. (See Gustain, L. C., and Hoffin, assignors.)
- Storm, James A., St. Louis, Mo. Dental floss holder. 2,059,287; Nov. 3.
- Storm Manufacturing Co. Inc. (See Hane, Carl O., assignor.)
- Storm Manufacturing Co. (See Lundell, J. M., and Hane, assignors.)
- Storms, Roy B. (See Rivers, D. S., and Storms.)
- Storrie, William, Providence, R. I., assignor to L. R. Smith, receiver for Apco Mossberg Corporation. Brake shoe centralizing device. 2,029,138; Jan. 28.
- Storsand, Bjorn R., San Francisco, Calif. Ore jig. 2,039,613; May 5.
- Story, Bertrand W., Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Colorimeter. 2,043,816; June 9.
- Story, Bertrand W., Paulsboro, and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Corporation, New York, N. Y. Mineral oil composition. 2,028,257; Jan. 21.
- Story, Edward B., Dormont, and W. T. Case, Beaver, assignors to A. M. Byers Company, Pittsburgh, Pa. Mechanism for delivering material. 2,040,157; May 12.
- Story, Ernst J., and J. M. Delaney, Cincinnati, Ohio. Shoe construction. 2,030,276; Feb. 11.
- Story, Le Roy G. (See Bennett, H. T., and Story.)
- Story, LeRoy G., Beacon, assignor to The Texas Company, New York, N. Y. Refining hydrocarbon oils. 2,043,936; June 9.
- Story, Le Roy G., Beacon, assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 2,050,816; Aug. 11.
- Story, Le Roy G., Bronxville, assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,065,351; Dec. 22.
- Story, Le Roy G., Glenham, assignor to The Texas Company, New York, N. Y. Petroleum distillate product. 2,034,274; Mar. 17.
- Storz, Leon A. (See Ogg, D., and Storz.)
- Stössel, Max, Zurich, Switzerland. Mechanical pencil. 2,063,637; Dec. 8.
- Stott Stoker Company, The. (See Morton, Harold S., assignor.)
- Stouch, Clarence E., Great Neck, assignor to Speedy Gravure Corporation, New York, N. Y. Inking system for printing presses. 2,040,961; May 19.
- Stouder, Lewis W., Ardmore, Okla. Air conditioner. 2,054,272; Sept. 15.
- Stouffer, Daniel S., Los Angeles, Calif. Crankshaft rotating tool. 2,060,262; Nov. 10.
- Stouges, Anthony J., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,029,952; Feb. 4.
- Stouges, Anthony J., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Typographical machine. 2,037,095; Apr. 14.
- Stouges, Anthony J., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Slug casting mold. 2,048,664; July 21.
- Stouges, Anthony J., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,065,159; Dec. 22.
- Stough, Jay A., assignor to Stough Tank Erecting Company, Tulsa, Okla. Floating deck for oil storage tanks. 2,036,372; Apr. 7.
- Stough Tank Erecting Company. (See Stough, Jay A., assignor.)
- Stoughton, Dillis H., University City, assignor to Shapleigh Hardware Company, St. Louis, Mo. Thrust bearing. 2,050,817; Aug. 11.
- Stout Engineering Laboratories, Inc. (See Smith, Frank M., assignor.)
- Stout, Frank M., and W. P. Cunningham, Tulsa, Okla. Fluid pressure control valve. 2,034,216; Mar. 17.
- Stout, Harry H., Clifton, and J. M. Samuel, Douglas, Ariz. Roasting apparatus. 2,046,753; July 7.
- Stout, Lloyd J., assignor to A. L. Stoddard, Chicago, Ill. Fluid connection and valve assembly. 2,061,814; Nov. 24.
- Stout, Mark W., Jr., assignor of forty one-hundredths to J. C. Wynecoop, Wellpinit, Wash. Grading machine. 2,029,122; Jan. 28.
- Stout, Minor W., Kansas City, Mo. Heat recovery. 2,048,759; July 28.
- Stout, Minor W., Kansas City, Mo. Heat exchanger. 2,056,492; Oct. 6.
- Stout Motor Car Corporation. (See Stout, William B., assignor.)
- Stout, William B., Detroit, assignor to Stout Motor Car Corporation, Dearborn, Mich. Motor car. 2,047,336; July 14.
- Stout, William B., Detroit, Mich., assignor to Pullman-Standard Car Manufacturing Company. Railway car. 2,056,217; Oct. 6.
- Stout, William B., Detroit, Mich., assignor to Pullman-Standard Car Manufacturing Company. Railway car. 2,056,218; Oct. 6.
- Stout, William B., and E. H. Wright, Detroit, Mich., assignors to Pullman-Standard Car Manufacturing Company. Car truck. 2,056,219; Oct. 6.
- Stout, William B., and E. H. Wright, Detroit, Mich., assignors to Pullman-Standard Car Manufacturing Company. Car truck. 2,056,220; Oct. 6.
- Stout, William B., E. H. Wright, Detroit, and O. G. Blocher, Dearborn, Mich., assignors to Pullman-Standard Car Manufacturing Company. Brake system for vehicles. 2,056,223; Oct. 6.
- Stout, Winnifred A., Stockton, Calif. Flush valve. 2,047,120; July 7.
- Stoutenburgh, Paul P., Washington, D. C. Method and apparatus for determining the force of gravity. 2,032,381; Mar. 3.
- Stoutenburgh, Paul P., East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Direct coupled tube system. 2,052,730; Sept. 1.
- Stovall, Fred. (See Halle, Bobbe, assignor.)
- Stovall, William D., and J. W. Gale, Madison, Wis., assignors of three-fifths to R. Malcom, Chicago, Ill. Pork rind bait and preparing the same. 2,054,565; Sept. 15.
- Stover, Emory F., Wynnewood, Pa. Indicating, recording, and integrating fluid. 2,050,674; Aug. 11.
- Stover, Frank B., Detroit, Mich., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Remote control for high pressure tanks. 2,043,632; June 9.
- Stover Manufacturing & Engine Co. (See Chronic, C. C., and Molter, assignors.)
- Stover, Oscar H., and E. H. Brigham, assignors to The Oleothesin Company, Inc., Buffalo, N. Y. Anæsthetic. 2,027,126; Jan. 7.
- Stow, Mack. (See Langer, T. W., McBride, Carlson, Stow, and Clardy.)



- Stow, Wesley F., Tampa, Fla. High speed marine propeller. 2,036,727; Apr. 7.
- Stowe, Loyd R., Shaker Heights, Ohio. Stoker. 2,026,805; Jan. 7.
- Stowell, Austin L., assignor to The Stanley Works, New Britain, Conn. Combination hand tool and spark tester. 2,048,652; July 21.
- Stowell, Austin L., assignor to The Stanley Works, New Britain, Conn. Coilable measuring device. 2,052,259; Aug. 25.
- Stowell, Byron F. (See Scott, J. Y., and Stowell, assignors.)
- Stowell, Byron F., assignor to Van Norman Machine Tool Company, Springfield, Mass. Valve seat puller. 2,036,657; Apr. 7.
- Stowell, Byron F., assignor to Van Norman Machine Tool Company, Springfield, Mass. Automatic grinding machine. 2,036,658; Apr. 7.
- Stowell, Byron F., and R. S. Pyne, assignors to Van Norman Machine Tool Company, Springfield, Mass. Valve seat cutter. 2,036,656; Apr. 7.
- Stowell, Frank C., Medford, Mass. Track working machine. 2,041,876; May 26.
- Stoyan, John, East Kildonan, assignor to Canada Packers Limited, St. Boniface, Manitoba, Canada. Rotary induction branding unit. 2,044,263; June 16.
- Stoyan, John, East Kildonan, assignor to Canada Packers Limited, St. Boniface, Manitoba, Canada. Rotary conduction branding unit. 2,044,264; June 16.
- Strachan & Henshaw, Limited. (See Sargent, T., and French, assignors.)
- Strachan, Thomas H., and W. H. Fryer, Dayton, assignors, by mesne assignment, to The Hobart Manufacturing Company, Troy, Ohio. Meat slicer. 2,037,283; Apr. 14.
- Strachovsky, Nikita, et al. (See Banister, Xenia, assignor.)
- Strachovsky, Nikita. (See Paulsen, J. F., and Strachovsky.)
- Stracka, Joseph, Cleveland, Ohio. Device for supporting shade and drapery poles. 2,050,507; Aug. 11.
- Straehler, Hans. (See Reger, M., and Straehler.)
- Straeten, Charles L., assignor to Industrial Patents Corporation, Chicago, Ill. Slicing machine. 2,038,770; Apr. 28.
- Straeten, Charles L., assignor to Industrial Patents Corporation, Chicago, Ill. Slicing machine attachment. 2,060,540; Nov. 10.
- Strain, Daniel E., assignor to Du Pont Viscoloid Company, Wilmington, Del. Depolymerizing alpha substituted acrylic acid esters. 2,030,901; Feb. 18.
- Strain, Daniel E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile material. 2,046,885; July 7.
- Strain, Daniel E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Flexible article. 2,046,886; July 7.
- Straka, Anton, assignor of twenty per cent to R. Jaromir Pesenka and twenty-five per cent to E. De Giorgi, Chicago, Ill. Target. 2,059,918; Nov. 3.
- Straley, John R., Los Angeles, assignor to A. W. Lewis, La Canada, Calif. Transmission tower. 2,049,783; Aug. 4.
- Stranahan, Robert P., Larchmont, assignor to Reynolds Metals Company, New York, N. Y. Sound insulation and material therefor. 2,057,071; Oct. 13.
- Strand, Carl A., Birmingham, assignor to Stran-Steel Corporation, Detroit, Mich. Structural element. 2,062,843; Dec. 1.
- Strand, Harold P. (See Walker, H. A., and Strand.)
- Strand, Steen. (See Thorp, J. R., and Strand.)
- Strandgren, Carl B., Versailles, France. Power transmission device. 2,055,951; Sept. 29.
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,056,374; Oct. 6.
- Strandt, Gustav B., Milwaukee, Wis. Door opening mechanism. 2,034,781; Mar. 24.
- Strang, Harold E., South Ardmore, Pa., assignor to General Electric Company. Electric circuit breaker. 2,050,864; Aug. 11.
- Stran-Steel Corporation. (See Strand, Carl A., assignor.)
- Stran-Steel Corporation. (See Waugh, Hugh L., assignor.)
- Strasburger, Lester R., Washington, D. C. Protective system. 2,037,399; Apr. 14.
- Strasser, Friedrich, Basel, Switzerland. Aluminium solder. 2,059,497; Nov. 3.
- Stratford, Charles W., Kansas City, Mo., and A. E. Drissner, assignors to National Acme Company, Cleveland, Ohio. Centrifuge. 2,060,835; Nov. 17.
- Stratford, Herbert R., assignor to H. B. Fay, Cleveland, Ohio. Stabilizing sheet vulcanized fiber. 2,028,932; Jan. 28.
- Stratford, Reginald K., Sarnia, Ontario, Canada, assignor to Standard Oil Development Company. Treating lubricating oils with phenol at high temperatures. 2,052,196; Aug. 25.
- Stratford, Reginald K., and J. L. Huggett, Sarnia, Ontario, Canada, assignors to Standard Oil Development Company. Lubricants and manufacturing the same. 2,031,986; Feb. 25.
- Stratford, Reginald K., and G. W. Gurd, Sarnia, Ontario, Canada, assignors to Standard Oil Development Company, Delaware. Treating residual oils with a selective solvent. 2,035,102; Mar. 24.
- Stratford, William M. (See Dearborn, R. J., and Stratford.)
- Stratford, William M., assignor to The Texas Company, New York, N. Y. Producing motor fuel. 2,034,317; Mar. 17.
- Stratford, William M., Port Arthur, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 2,043,016; June 2.
- Strattard, Charles L., Fairfield, Conn., assignor to Aluminum Company of America, Pittsburgh, Pa. Building construction. 2,064,276; Dec. 15.
- Strattner, Frederick. (See Wagner, W. C., and Strattner.)
- Stratton, Albert C., assignor to A. S. Marlow, Ridgewood, N. J. Self-priming impeller pump. 2,059,288; Nov. 3.
- Stratton, Carl H. (See Dunlap, S. T., and Stratton.)
- Stratton, Frazier O. (See Hicks, R. M., and Stratton.)
- Stratton, James L., and A. J. Henry, Oklahoma City, Okla. Slidable tippie platform for vehicles. 2,065,833; Dec. 29.
- Stratton, Lee, Cincinnati, Ohio. Refrigerator shelf construction. 2,057,544; Oct. 13.
- Stratton, William G., Hilt, Calif. Self-loading device for trailers of logging trucks. 2,034,842; Mar. 24.
- Straub, Anthony A., St. Mary's, Pa., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode heating element for thermionic tubes. 2,031,340; Feb. 18.
- Straub, Fritz, and Hans Meyer, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Complex metal compounds of disazo-dyestuffs. 2,042,810; June 2.
- Straub, Fritz, Basel, Switzerland, E. Brunner, Manchester, England, and W. Widmer, assignors to "Society of Chemical Industry in Basle," Basel, Switzerland. Chromiferous dyestuffs and making same. 2,048,898; July 28.
- Straub, Joseph C. A., and H. S. Manwaring, Fort Wayne, Ind., assignors to International Harvester Company, Vacuum control device for engines. 2,059,410; Nov. 3.
- Straub, Samuel C., New York, and A. Whittemore, Bronxville, assignor to Certain-Teed Products Corporation, New York, N. Y. Covering for surfaces exposed to the weather. 2,057,545; Oct. 13.
- Straub, Willem F., and H. J. Lemmens, Eindhoven, Netherlands, assignors to Radio Corporation of America. Electrolytic condenser. 2,030,122; Feb. 11.
- Straubel, Louis A., Green Bay, Wis. Paper roll and forming same. 2,050,394; Aug. 11.
- Straubel, Louis A., Green Bay, Wis. Forming paper rolls. 2,053,786; Sept. 8.
- Strauch, Claus B., New York, N. Y. Composition and method for producing stabilized foam. 2,043,633; June 9.
- Strauch, Claus B., New York, N. Y. Nasal inhaler. 2,057,397; Oct. 13.
- Straus, Sylvan M., Gloversville, N. Y. Glove. 2,034,120; Mar. 17.
- Straus, Sylvan M., Gloversville, N. Y. Glove. 2,051,111; Aug. 18.
- Strausbach, Arlington S. (See Breen, J. R., and Strausbach.)
- Strauss, Albert A., Pittsburgh, Pa. Foot guard. 2,046,217; June 30.
- Strauss, Alfred J., and J. E. Huhn, Louisville, Ky. Necktie and retainer therefor. 2,035,847; Mar. 31.
- Strauss, Herman S. (See Martin, Charles A., assignor.)
- Strauss, Irene, et al. (See Kaufmann, Johanna, assignor.)
- Strauss, Jerome, Pittsburgh, assignor to Vanadium Corporation of America, Bridgeville, Pa. Welding material. 2,040,189; May 12.
- Strauss, Joseph B., Chicago, Ill. Suspension tram system. 2,040,886; May 19.
- Strauss, Joseph B., Chicago, Ill. Tramway station construction. 2,043,356; June 9.
- Strauss, Joseph B., Chicago, Ill. Truck for air tramways. 2,043,357; June 9.
- Strauss, Joseph B., Chicago, Ill. Bridge. 2,057,168; Oct. 13.
- Strauss, Joseph B., San Francisco, Calif. Recording mechanism. 2,030,479; Feb. 11.
- Strauss, Joseph B., San Francisco, Calif. Combined cofferdam and pier fender construction method. 2,043,452; June 9.
- Strauss, Joseph B., San Francisco, Calif. Gear and rack meshing mechanism. 2,046,661; July 7.
- Strauss, Joseph B., San Francisco, Calif. Lift bridge. 2,047,601; July 14.
- Strauss, Joseph B., San Francisco, Calif. Hydraulic scale. 2,052,116; Aug. 25.
- Strauss, Joseph B., San Francisco, Calif. Bridge tower construction. 2,054,995; Sept. 22.
- Strauss, Joseph B., San Francisco, Calif. Vehicle steering mechanism. 2,057,930; Oct. 20.
- Strauss, Joseph B., San Francisco, Calif. Combined truck and supporting mechanism for aerial cars. 2,060,402; Nov. 10.
- Strauss, Lucian I. (See Hartsell, Charlie J., assignor.)
- Strauss, Luke J., Buffalo, N. Y. Safety razor. 2,033,262; Mar. 10.
- Strauss, Nathan J., assignor to Freyberg Bros. Inc., New York, N. Y. Adhesive wrapping strip. 2,049,030; July 28.
- Strauss, Stuart M. (See Emerson, A., Jr., and Strauss.)



- Strauss, Theodore O., assignor to Casteel Research Laboratories, Inc., New York, N. Y. Moving picture film reel. 2,032,336; Feb. 25.
- Straussberger, Hans J. (See Mutchler, A. W., and Straussberger.)
- Straussler Mechanization Limited. (See Straussler, Nicholas, assignor.)
- Straussler, Nicholas, assignor to Straussler Mechanization Limited, London, England. Suspension of road wheels of vehicles. 2,033,493; Mar. 10.
- Strawn, Marion L., and R. L. Rougemont, assignors to The Ingersoll Milling Machine Company, Rockford, Ill. Method and machine for metal working. 2,049,400; July 28.
- Strawn, Orval R., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling mechanism. 2,029,512; Feb. 4.
- Strawn, Taylor. (See Howell, Charles A., assignor.)
- Strawinsie, Fern A., Corunna, Mich. Ventilator. 2,030,551; Feb. 11.
- Strayer, Arthur C., New Brighton, Pa. Storage file. 2,049,337; July 28.
- Strazzulla, Sebastiano, Genova, Italy. Rotary engine. 2,065,160; Dec. 22.
- Streander, Philip B., Scarsdale, assignor, by mesne assignments, to Underpinning & Foundation Company, Inc., New York, N. Y. Apparatus for aerating sewage and the like. 2,054,395; Sept. 15.
- Streb, Robert J. (See Chappell, R. R., and Streb.)
- Strebler, George L., St. Louis, Mo. Compressor. 2,044,957; June 23.
- Strecker, Felix. (See Fischer, F., Strecker, and Neugebauer.)
- Strecker, Felix, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Copying lenticulated films. 2,040,280; May 12.
- Streckfuss, Elmer G. (See Lensky, G. A., and Streckfuss.)
- Streckfuss, Elmer G., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Guarded juice extracting machine. 2,026,918; Jan. 7.
- Streckfuss, Elmer G., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Slicing machine. 2,065,352; Dec. 22.
- Streckfuss, Elmer G., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Agitating machine. 2,065,353; Dec. 22.
- Streen, Morris E., Newark, N. J. Foot pedal organization for motor vehicles. 2,065,354; Dec. 22.
- Street, Gustavus C., Jr., Houston, Tex. Motor driven vehicle. 2,061,719; Nov. 24.
- Street, John B., and O. E. Simon, Jackson, Miss. Two-color attachment for printing presses. 2,046,218; June 30.
- Streeter-Amet Company. (See Brendel, Max E., assignor.)
- Streeter-Amet Company. (See Brendel, Max E., assignor.)
- Streever, Frederick S., Ballston Spa, N. Y. Muzzle. 2,056,493; Oct. 6.
- Strehan, George E., Leonia, N. J. Rigid frame building construction. 2,033,595; Mar. 10.
- Strehlow, Walter F., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Steering mechanism for motor vehicles. 2,039,749; May 5.
- Strehmel, Paul, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Shielding device. 2,030,275; Feb. 11.
- Streicher, Johann S., assignor to American Platinum Works, Newark, N. J. Pen point. 2,041,381; May 19.
- Streitwolf, Karl. (See Kollé, W., Hallensleben, Streitwolf, and Bauer.)
- Streitwolf, Karl, Frankfurt-on-the-Main, A. Fehrle, Bad Soden-on-the-Taunus, and P. Fritzsche and W. Herrmann, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Basic bismuth salts of aromatic mercury compounds. 2,050,592; Aug. 11.
- Strelow, Wilhelm, assignor to Flaschengas-Geräte Gesellschaft mit Beschränkter Haftung, Berlin-Zehlendorf, Germany. Receptacle for liquefied gases. 2,057,800; Oct. 20.
- Stresau, Richard, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Electric arc welding. 2,033,311; Mar. 10.
- Stresino, Carlo, assignor to A. O. Smith Corporation, Milwaukee, Wis. Composite article. 2,049,878; Aug. 4.
- Streyckmans, Hector J., New York, assignor, by mesne assignments, to Automation Pictures, Inc., New York, N. Y. Device for the rewinding of photographic films. 2,031,079; Feb. 18.
- Strezynski, George J., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Reclaiming oil containing carbon. 2,030,480; Feb. 11.
- Strezynski, George J., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Refining mineral oils. 2,062,733; Dec. 1.
- Strezynski, George J., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Purifying and dewaxing mineral oils. 2,066,164; Dec. 29.
- Strezynski, George J., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Purifying and dewaxing mineral oils. 2,066,165; Dec. 29.
- Strezynski, George J., Poughkeepsie, N. Y., and G. N. Pfau, Fort Worth, Tex., assignors to The De Laval Separator Company, New York, N. Y. Treating a cold mixture of acid sludge, oil, and wax. 2,066,166; Dec. 29.
- Striebeck, Richard, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Spark plug insulator. 2,045,318; June 23.
- Strickland, James S. (See Pomeroy, Ollin K., Sr., assignor.)
- Strickland, Royal F., Cleveland Heights, Ohio, assignor to General Electric Company. Incandescent lamp and manufacturing the same. 2,032,232; Feb. 25.
- Strickland, Royal F., Cleveland Heights, Ohio, assignor to General Electric Company. Enclosed arc device. 2,047,042; July 7.
- Strickland, Royal F., Cleveland Heights, Ohio, assignor to General Electric Company. Molding process and article produced thereby. 2,047,043; July 7.
- Strickland, Silas A., Detroit, Mich. Making roller bearing cages. 2,045,420; June 23.
- Strickler, Harrison K., Erie, Pa. Fluid container. 2,043,339; June 9.
- Strid, Sven J., Chicago, Ill. Coupler support. 2,058,269; Oct. 20.
- Strid, Sven J., Chicago, Ill. Coupler support. 2,058,270; Oct. 20.
- Strider, Isaac H., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Glass banding machine. 2,045,881; June 30.
- Strieby, Clara D., Bloomington, Ill. Stocking pocket. 2,039,197; Apr. 28.
- Strieby, Maurice E., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Loaded transmission line. 2,029,041; Jan. 28.
- Strieby, Maurice E., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier line power supply. 2,037,183; Apr. 14.
- Strief, Willis H., Cincinnati, Ohio. Mixer. 2,033,453; Mar. 10.
- Stright, James L., Summerside, Prince Edward Island, Canada. Compass. 2,026,919; Jan. 7.
- Strigl, Karl J., Astoria, N. Y. Transmission mechanism. 2,051,187; Aug. 18.
- Strindberg, Richard, assignor to Development Associates, Inc., Worcester, Mass. Dry type self-cleaning air filter. 2,030,552; Feb. 11.
- Strindberg, Richard, assignor to Development Associates, Inc., Worcester, Mass. Gas filter. 2,050,508; Aug. 11.
- String Detector Company. (See Fitger, A. K., and Dumble, assignors.)
- Stringer, Eugene A. (See Hatch, E. J., and Stringer.)
- Stringer, Melvin, Pasadena, Calif. Fishing reel. 2,054,306; Sept. 15.
- Stringfield, Raymond B., assignor to Dental Plastics Company, Los Angeles, Calif. Dental impression composition. 2,057,456; Oct. 13.
- Strobel, Alfons, deceased, Munich, Germany, M. Strobel, sole heiress. Sewing machines. 2,036,104; Mar. 31.
- Strobel, Minna (sole heiress). (See Strobel, Alfons.)
- Stroberg, Emory S., Macon, Ga. Lock structure. 2,066,080; Dec. 29.
- Strobl, Hans, Berlin-Tempelhof, assignor to Lutschiffbau Zeppelin G. m. b. H., Friedrichshafen, Bodensee, Germany. Balloon envelope material and manufacturing the same. 2,032,857; Mar. 3.
- Strobridge, William, Syracuse, N. Y., assignor, by mesne assignments, to Reconstruction Finance Corporation. Washing machine. 2,038,066; Apr. 21.
- Strobridge, William, Syracuse, N. Y., assignor, by mesne assignments, to Reconstruction Finance Corporation. Washing machine. 2,051,014; Aug. 11.
- Strobridge, William, Syracuse, assignor, by mesne assignments, to United States Hoffman Machinery Corporation, New York, N. Y. Latch for sliding doors. 2,057,070; Oct. 13.
- Strock, Edward C. (See Strock, William L. and E. C.)
- Strock, Frank M., et al. (See Woodruff, Jacob W., assignor.)
- Strock, William L. and E. C., Los Angeles, Calif. Adjustable mold for battery cell connectors. 2,030,726; Feb. 11.
- Strogen, Charles P., Rochester, N. Y. Cigarette parking tray. 2,061,335; Nov. 17.
- Strohacker, Louis, assignor to Structo Manufacturing Company, Freeport, Ill. Riding toy. 2,065,034; Dec. 22.
- Strohmenger, Arthur P., London, England, assignor to The Quasi-Arc Company Limited. Electrode or welding rod. 2,054,609; Sept. 15.
- Strohmenger, Georg. (See Gehrke, W., and Strohmenger.)
- Strom, Algot, assignor of one-half to J. A. Bulger, Juneau, Alaska. Pole scaffold. 2,060,953; Nov. 17.
- Strom, Clifton O., Racine, Wis. Wear testing machine. 2,040,962; May 19.
- Strombeck-Becker Manufacturing Company. (See Bergstrand, Andrew P., assignor.)
- Stromberg-Carlson Telephone Manufacturing Company, The. (See Graham, Virgil M., assignor.)
- Stromberg-Carlson Telephone Manufacturing Company, The. (See Levy, Maurice L., assignor.)
- Stromberg-Carlson Telephone Manufacturing Company, The. (See Olney, Benjamin, assignor.)
- Stromberg-Carlson Telephone Manufacturing Company, The. (See Olney, B., and Veal, assignors.)
- Stromberg-Carlson Telephone Manufacturing Company. (See Powell, Winfred T., assignor.)
- Stromberg Electric Company. (See Denniston, Adolph L., assignor.)
- Stromberg Electric Company. (See Jackson, Edward B., assignor.)



- Stromberg, Martin L., Marshfield, Oreg. Nutcracker. 2,031,189; Feb. 18.
- Stromberg Motoscope Corporation. (See Hubertl, J. A., assignor, and Lawrence.)
- Stromgren, Charles D., Los Angeles, Calif. Setting brake shoes. 2,045,882; June 30.
- Strommer, Luther T. (See Scharf, J. J., Hasselbach, and Strommer.)
- Stronach, Harry S., assignor to Strowan Corporation, Oak Park, Ill. Nail and making same. 2,044,740; June 16.
- Strong, Allen K., Seneca Falls, assignor to Columbian Rope Company, Auburn, N. Y. Twine package. 2,035,930; Mar. 31.
- Strong, Archie H., Conshohocken, Pa. Water heater. 2,057,989; Oct. 13.
- Strong, Carl W., Watchung, N. J. Nut shelling machine. 2,065,544; Dec. 29.
- Strong, Eldred J., Harrisburg, Pa., assignor to Harrisburg Steel Corporation. Apparatus for producing an improved forged steel tractor shoe. 2,064,956; Dec. 22.
- Strong, Eldred J., assignor to Harrisburg Steel Corporation, Harrisburg, Pa. Method and apparatus for producing an improved forged steel tractor shoe. 2,064,957; Dec. 22.
- Strong, Harry H., Toledo, Ohio. Arc regulator. 2,028,572; Jan. 21.
- Strong, James B., assignor to Ramapo Ajax Corporation, New York, N. Y. Safety connecting rod for switch stands. 2,041,382; May 19.
- Strong, William E. S., assignor to John B. Pierce Foundation, New York, N. Y. Composite building unit. 2,038,967; Apr. 28.
- Stroock, Bertram A., et al. (See Sinclair, Leonard, assignor.)
- Stroud, Archibald W., Milngavie, Scotland. Conveyer. 2,061,782; Nov. 24.
- Stroud, Charles E. (See Fox, J. H., and Stroud.)
- Stroud, Charles E., Ford City, assignor to Pittsburgh Plate Glass Company, Armstrong County, Pa. Assembly frame for use in making insulating glass. 2,038,771; Apr. 28.
- Stroud, Charles E., Ford City, assignor to Pittsburgh Plate Glass Company, Alleghany County, Pa. Double glazed window. 2,049,528; Aug. 4.
- Stroud, Charles M. (See Austin, Reed S., assignor.)
- Stroud, Charles M., Minneapolis, Minn. Control for oil burners or similar apparatus. 2,045,883; June 30.
- Stroud, Paul G., assignor to Belmont Hosiery Company, Belmont, N. H. Take-up mechanism for knitting machines. 2,044,741; June 16.
- Stroud, William A., Wilkesboro, assignor of one-half to Gilliam-Stroud, Inc., North Wilkesboro, and one-half to I. D. Blumenthal, Charlotte, N. C. Drink mixing apparatus. 2,064,861; Dec. 22.
- Strough, J. Val, San Leandro, Calif. Center post battery cover. 2,052,499; Aug. 25.
- Stroup, Philip T., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Alloy. 2,053,924; Sept. 8.
- Stroup, Philip T., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Alloy. 2,053,925; Sept. 8.
- Stroup, Philip T., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Degassing molten aluminum and its alloys. 2,056,233; Oct. 6.
- Stroup, Philip T., New Kensington, assignor to Aluminum Co. of America, Pittsburgh, Pa. Degassing molten aluminum and its alloys. 2,056,234; Oct. 6.
- Strout, Ralph C., Wollaston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Cap applying machine. 2,036,105; Mar. 31.
- Strowan Corporation. (See Stronach, Harry S., assignor.)
- Structo Manufacturing Company. (See Strohacker, Louis, assignor.)
- Strum, James A. (See Bettinger, H. B., and Strum.)
- Strunz, S., & Sons, Inc. (See McGrael, Edward J., assignor.)
- Strupp, Ernst, Munich, Germany. Carbonization of all kinds of pulp waste lyes. 2,056,746; Oct. 6.
- Struthers, George G. (See Robne, Even J., assignor.)
- Strutt, Maximilian J. O., Eindhoven, Netherlands, assignor to Radio Corporation of America. Alarm device. 2,038,878; Apr. 28.
- Strutton, Edwin B., Toledo, Ohio. Puzzle. 2,041,030; May 19.
- Strutz, Reg. M., and E. J. Steuterman, Boonville, Mo. Corn cob pipe and making same. 2,027,457; Jan. 14.
- Strutzel, John D., Maywood, Ill. Beverage charging. 2,052,810; Sept. 1.
- Stryker, William H., Elmhurst, Ill. Rumble deck and cover construction. 2,039,124; Apr. 28.
- Strzyzewski, Anton. (See Rumscheidt, C., Jeltsch, Strzyzewski, and Hegge.)
- Stuard, James A., Roaring Spring, Pa. Separator. 2,036,106; Mar. 31.
- Stuard, James A., Roaring Springs, Pa. Separator. 2,058,189; Oct. 20.
- Stuart, Alexander T., Toronto, Ontario, Canada. Method and apparatus for the storage of energy. 2,036,613; Apr. 7.
- Stuart, Carl P., Gorham, N. H. Clamping device. 2,052,853; Sept. 1.
- Stuart, Charles S. (See List, A., and Stuart.)
- Stuart, Donald R., assignor to H. P. Stuart, Omaha, Nebr. Cornerpiece for frames. 2,039,125; Apr. 28.
- Stuart, Frederick J., assignor of one-fourth to H. L. Sleigh, and one-fourth to A. S. Cheston, Birmingham, England. Securing panels within their frames. 2,056,024; Sept. 29.
- Stuart, Helen P. (See Stuart, Donald R., assignor.)
- Stuart, John C. K., et al. (See Echberg, Arthur F., assignor.)
- Stuart, Kenneth B., Pueblo, assignor to The Colorado Fuel and Iron Corporation, Denver, Colo. Active carbon production. 2,055,755; Sept. 29.
- Stuart, Kimberly, Neenah, Wis. Portable folding stove. 2,061,336; Nov. 17.
- Stuart, Kimberley, Neenah, Wis., and G. B. Linderman, Jr., Beverly, N. J. Baking utensil. 2,027,296; Jan. 7.
- Stuart, Lemuel M., Brooklyn, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Movement checking mechanism. 2,042,280; May 26.
- Stuart, Robert, Forest Hills, N. Y. Sheet feeding and delivering mechanism. 2,028,813; Jan. 28.
- Stuart, William W., Des Moines, Iowa. Control structure. 2,037,155; Apr. 14.
- Stubbings, Eric O. (See Durant, H. T., and Stubbings.)
- Stubblefield, Buford M., Poland, and L. R. Thomas and E. S. Harrar, Youngstown, assignors to The Youngstown Sheet & Tube Company, Youngstown, Ohio. Automatic valve control. 2,059,411; Nov. 3.
- Stubbs, Everard, Springfield, Vt. Freehand grinding machine. 2,043,017; June 2.
- Stubbs, Gerald S. (See Owings, Lawrence P., assignor.)
- Stubbs, Robert S., Hanna, Alberta, Canada. Direction indicator. 2,032,029; Feb. 25.
- Stuber, Walter J. (See Reukauf, E., Jr., and Stuber.)
- Stubnitz-Greene Spring Corporation. (See Greene, Daniel A., assignor.)
- Stubnitz-Greene Spring Corporation. (See Stubnitz, Maurice, assignor.)
- Stubnitz, Maurice, assignor to Fort Pitt Bedding Company, Pittsburgh, Pa. Combination air and spring cushion seat and the like. 2,031,745; Feb. 25.
- Stubnitz, Maurice, assignor to Stubnitz-Greene Spring Corporation, Adrian, Mich. Trim assembly. 2,059,493; Nov. 3.
- Stuck, Charles C., assignor of one-half to R. C. Schneider, Beloit, Wis. Fishing bobber. 2,043,817; June 9.
- Stuck, Harold D., assignor to John W. Bolton & Sons, Inc., Lawrence, Mass. Fitting Jordan shell linings. 2,029,123; Jan. 28.
- Stuck, Harold D., and P. A. De Nault, North Andover, assignors to J. W. Bolton & Sons, Inc., Lawrence, Mass. Staggered riveted Jordan lining. 2,052,197; Aug. 25.
- Stuckey, Samuel G., assignor to Obear-Nester Glass Company, St. Louis, Mo. Glass feeding. 2,033,959; Mar. 17.
- Stuckey, Samuel G., assignor to Obear-Nester Glass Company, St. Louis, Mo. Glass feed control mechanism. 2,055,711; Sept. 29.
- Stuckey, Samuel G., assignor to Obear-Nester Glass Company, St. Louis, Mo. Glass feeder for suction molds. 2,063,565; Dec. 8.
- Stucki, Arnold, Pittsburgh, Pa. Side bearing. 2,065,763; Dec. 29.
- Studebaker Corporation, The. (See Hughes, James R., assignor.)
- Studebaker Corporation, The. (See Moore, Earl E., assignor.)
- Studebaker Corporation, The. (See Roos, Delmar G., assignor.)
- Studer, Fritz, Glockenthal, near Thoune, Switzerland. Apparatus for making imitation counterfeit articles. 2,038,455; Apr. 21.
- Studt, Ernst, assignor to Norddeutsche Seekabelwerke Aktiengesellschaft, Nordenham, Germany. Packing material. 2,047,497; July 14.
- Studt, Ernst, Nordenham, Oldenburg, assignor to Norddeutsche Seekabelwerke A.-G., Nordenham, Germany. Submarine cable. 2,059,055; Oct. 27.
- Stuebing, William, Jr., Cincinnati, Ohio. Machine for making binding strips. 2,042,912; June 2.
- Stuebing, William, Jr., Cincinnati, Ohio, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Multiple stage lifting truck. 2,028,708; Jan. 21.
- Stuhlmacher, Richard, Siegmars, near Chemnitz, assignor to Wanderer-Werke vorm. Winkhofer & Jaenicke Akt.-Ges., Schonau-Chemnitz, Germany. Machine tool, particularly milling machine having a counter support. 2,030,481; Feb. 11.
- Stuhmer, Geo. F., & Company. (See Kosman, J., and Brykczynski, assignors.)
- Stuivenberg, Cornelis H., assignor to Naamlooze Vennootschap "Kamatec", Amsterdam, Netherlands. Sorting machine for punched cards. 2,037,605; Apr. 14.
- Stukart, Hendrik, assignor to U. S. Slicing Machine Company, La Porte, Ind. Knife sharpening mechanism. 2,052,365; Aug. 25.
- Stull, Albert A. (See Stem, Edgar S., assignor.)
- Stull, David L., and M. D. Grayson, Birmingham, Ala. Ice cream freezer. 2,055,735; Sept. 29.
- Stull, John S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Threading tool. 2,040,344; May 12.
- Stull, Norman C. (See Heffernan, Francis P.)
- Stultz, Ernest L., assignor to Viking Refrigerators, Inc., Kansas City, Mo. Display case. 2,049,594; Aug. 4.



- Stultz, James D., assignor to Ida I. Garr, and himself, Shively, Ky. Braking device. 2,042,563; June 2.
- Stumpf, John H., West Forrest Hills, N. Y., assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Piston ring. 2,031,341; Feb. 18.
- Stupakoff, Semon H., Pittsburgh, Pa. Container closure. 2,034,596; Mar. 17.
- Stupakoff, Semon H., Pittsburgh, Pa. Cathode. 2,057,931; Oct. 20.
- Sturdevant, George L., San Antonio, Tex., assignor of eighteen and three-fourths per cent to B. D. Talley, and six and one-fourth per cent to H. H. Richardson, Bogalusa, La. Automobile seat construction. 2,059,056; Oct. 27.
- Sturdy's, J. F., Sons Co. (See Nelson, Nels T., assignor.)
- Sturges Battery Corporation. (See Sturges, Norman D., assignor.)
- Sturges, Norman D., assignor to Sturges Battery Corporation, New York, N. Y. Storage battery. 2,035,995; Mar. 31.
- Sturges, Thomas B. (See Ferguson, John A., assignor.)
- Sturgis, Carl L., East Bridgewater, Mass. Shoe last. 2,046,536; July 7.
- Sturken, Oswald, Leonia, N. J., assignor to Resinox Corporation, New York, N. Y. Production of plastic materials from proteins. 2,053,850; Sept. 8.
- Sturken, Oswald, Leonia, N. J., and J. C. Woodruff, Terre Haute, Ind., assignors to Resinox Corporation, New York, N. Y. Production of plastic material from protein. 2,040,033; May 5.
- Sturm, Ansgar F., New Dorp, Staten Island, N. Y., assignor to Mergenthaler Linotype Company. Accounting machine. 2,052,905; Sept. 1.
- Sturm, Ansgar F., New Dorp, Staten Island, N. Y., assignor to Mergenthaler Linotype Company. Accounting machine. 2,052,906; Sept. 1.
- Sturm, Ernst, Berlin-Lankwitz, and R. Fleischmann, Berlin-Charlottenburg, assignors to Chemische Fabrik Johann A. Wulff, Berlin, Germany. Making compounds containing heavy metals and sulphhydryl groups from keratinates. 2,046,795; July 7.
- Sturm, Erwin, Stuttgart-Botnang, Germany. Rotary piston engine especially for fluid gears. 2,049,092; July 28.
- Sturtevant, B. F., Company. (See Allen, George W., assignor.)
- Sturtevant, B. F., Company. (See Allen, George W. and L. B., assignors.)
- Sturtevant, B. F., Company. (See Anderson, Samuel M., assignor.)
- Sturtevant, B. F., Company. (See Baenninger, Hermann, assignor.)
- Sturtevant, B. F., Company. (See Bergstrom, Carl O., assignor.)
- Sturtevant, B. F., Company. (See Ferre, Albert W., assignor.)
- Sturtevant, B. F., Company. (See Foss, Benjamin S., assignor.)
- Sturtevant, B. F., Company. (See Fritzberg, Lawrence H., assignor.)
- Sturtevant, B. F., Company. (See Goldthwaite, George R., assignor.)
- Sturtevant, B. F., Company. (See Hagen, Harold F., assignor.)
- Sturtevant, B. F., Company. (See Hagen, H. F., and Anderson, assignors.)
- Sturtevant, B. F., Company. (See Hanson, Milton E., assignor.)
- Sturtevant, B. F., Company. (See Heaton, H. C., and Watt, assignors.)
- Sturtevant, B. F., Company. (See Higgins, Darragh L., assignor.)
- Sturtevant, B. F., Company. (See Leonard, Merton S., assignor.)
- Sturtevant, B. F., Company. (See Palmer, Robert T., assignor.)
- Sturtevant, B. F., Company. (See Sewell, Henry R., assignor.)
- Sturtevant, George R., Lynn, Mass., assignor to General Electric Company. Reversible meter hanger support. 2,053,119; Sept. 1.
- Sturtevant Mill Company. (See Doyle, William T., assignor.)
- Sturtevant Mill Company. (See Sturtevant, Thomas J., assignor.)
- Sturtevant, Thomas J., Wellesley, assignor to Sturtevant Mill Company, Boston, Mass. Air separator. 2,030,612; Feb. 11.
- Stüsser, Joseph, New Britain, Conn. Radio receiver. 2,037,946; Apr. 21.
- Stüsser, Richard, Cologne-Deutz, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Water-insoluble azodyestuffs. 2,028,480; Jan. 21.
- Stüsser, Richard, Cologne-Deutz, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azodyestuffs containing chromium. 2,054,489; Sept. 15.
- Stüsser, Richard, Cologne-Deutz, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Chromium complex compounds. 2,054,490; Sept. 15.
- Stüssi, Jakob, Lucerne, Switzerland. Apparatus for producing hollow concrete pipes and the like. 2,038,861; Apr. 28.
- Stütting, Heinrich, Witten-on-the-Ruhr, Germany. Rolling mill. 2,041,271; May 19.
- Stutz, Adam, and J. Milstead, Chicago, Ill. Dental light. 2,038,911; Apr. 28.
- Stutz, George F. A., and A. C. Elm, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Paint. 2,058,111; Oct. 20.
- Styll, Harry H., and L. L. Gagnon, assignors to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,043,842; June 9.
- Styll, Harry H., and L. L. Gagnon, assignors to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,043,843; June 9.
- Stylofede Corporation. (See Robbins, Jesse J., assignor.)
- Styri, Haakon, assignor to S K F Industries, Inc., Philadelphia, Pa. Thermally treating quenched and hardened steels. 2,041,649; May 19.
- Suarez de Deza Zapata, Rafael. (See Gelizo, F. A., Rodriguez and Suarez de Deza Zapata.)
- Subia, Anton, assignor to Eclipse Counterbore Company, Detroit, Mich. Adjustable tool holder. 2,043,598; June 9.
- Subkow, Philip. (See Merrill, D. R., and Subkow.)
- Subkow, Philip, assignor to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for dewaxing oil. 2,054,273; Sept. 15.
- Submarine Signal Company. (See Hubbard, Beverly R., assignor.)
- Submarine Signal Company. (See Kunze, Willy, assignor.)
- Submarine Signal Company. (See Turner, Edwin E., assignor.)
- Submarine Signal Company. (See Turner, Edwin E., Jr., assignor.)
- Submarine Signal Company. (See Williams, Robert L., assignor.)
- Submarine Signal Corporation. (See Fay, R. D., and Dorsey, assignors.)
- Submersible Motor Pump Co. (See Coberly, Clarence J., assignor.)
- Subrizi, Victor. (See Ives, H. E., and Subrizi.)
- Sucharski, Chester J., South Milwaukee, and A. W. Lees, Racine, Wis. Radiator. 2,028,298; Jan. 21.
- Suchy, Robert, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Production of magnesium. 2,051,913; Aug. 25.
- Suckfield, George A., Avalon, assignor to Pressed Steel Car Company, Pittsburgh, Pa. Car brake. 2,062,533; Dec. 1.
- Suckling, Claude. (See Handley, J., Suckling, Claude, and R. H.)
- Suckling, Robert H. (See Handley, J., Suckling, Claude, and R. H.)
- Suckow, Frederick G. (See Swan, H. G., and Suckow.)
- Suczek, Robert, Detroit, Mich. Automatic clutch controlling mechanism. 2,027,070; Jan. 7.
- Süddeutsche Metallwaren-Fabrik Kommandit-Gesellschaft. (See Wagner, Adolf, assignor.)
- Süddeutsche Telefon-Apparate-Kabelund Drahtwerke, Aktiengesellschaft, Tekade. (See Okolicsanyi, Franz v., assignor.)
- Suddoth, Frank E., assignor of one-half to J. L. Weed, Des Moines, Iowa. Gas generating apparatus. 2,035,026; Mar. 24.
- Sudlitz, Czeslaw. (See Dunin-Markiewicz, Sudlitz, and Smisiewicz.)
- Suekoff, Louis A., deceased, Wilmette, P. G. Suekoff, administratrix of said L. A. Suekoff, assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Upholstered chair seat construction. 2,052,811; Sept. 1.
- Suekoff, Pauline G., administratrix. (See Suekoff, Louis A.)
- Suellow, Alfred G., and C. C. Wolford, assignors to Felins Tying Machine Co., Milwaukee, Wis. Cultivator. 2,063,769; Dec. 8.
- Suess, Heinrich, Berlin-Tegel, Germany, assignor to Rheinmetall-Borsig Aktiengesellschaft. Fractionating column. 2,064,390; Dec. 15.
- Suess, Herbert M. (See Waechter, K. O., and Suess.)
- Suess, Raymond P. (See Welch, J. W., and Suess.)
- Suessenguth, Hermann. (See Kircher, C., Mueller, and Suessenguth.)
- Sugar-Less Candy Company. (See Kang, Young S., assignor.)
- Sugden, Walter J. (See Drysdale, William D., assignor.)
- Suhi, Frank, Chicago, Ill. Stock bending and shaping device. 2,034,316; Mar. 17.
- Suhm, Charles E., and L. S. Ankenbruck, Houston, Tex., assignors of one-fourth to A. Cossette and one-fourth to P. J. Hesse, both of Harris County, Tex. Pump rod assembly. 2,042,078; May 26.
- Suhr, Herman, assignor to Acme Sheet Metal Works, Milwaukee, Wis. Method of and apparatus for drying. 2,061,259; Nov. 17.
- Suiter, William A., Rochester, assignor of one-fourth to J. Matheos, and one-fourth to C. Matheos, Spencerport, N. Y. Apparatus for making ice cream suckers. 2,053,926; Sept. 8.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Reversible shaded pole motor. 2,027,846; Jan. 14.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Pulsation apparatus. 2,040,677; May 12.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Differential time delay system. 2,059,057; Oct. 27.



- Suits, Chauncey G., Madison, Wis., assignor to General Electric Company. Block signal system. 2,030,662; Feb. 11.
- Sukro Corporation. (See Leonard, G., and Eldred, assignors.)
- Suksdorf, Alfred, Schenectady, N. Y., assignor to General Electric Company. Control system. 2,041,576; May 19.
- Sukumlyn, Thomas W., Los Angeles, Calif. Vacuum tube device. 2,035,623; Mar. 31.
- Sukumlyn, Thomas W., Los Angeles, Calif. Control system for electron emission. 2,061,113; Nov. 17.
- Sullins, Marion W., Toledo, assignor to Thompson Products, Incorporated, Cleveland, Ohio. Valve construction. 2,057,858; Oct. 20.
- Sullivan, Alan P. (See Morgan, J. D., and Sullivan.)
- Sullivan, Alexander H. (See McCullough, P. J., and Sullivan.)
- Sullivan, Arthur G., Philadelphia, Pa. Therapeutic appliance. 2,065,295; Dec. 22.
- Sullivan, David J., Fairfield, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Perforated corset material. 2,054,274; Sept. 15.
- Sullivan, Dennis J., Lynn, Mass., assignor to United Shoe Manufacturing Corporation, Paterson, N. J. Manufacture of strap sandals. 2,057,072; Oct. 13.
- Sullivan, Frederick W., Jr., Hammond, Ind., assignor to Standard Oil Company (Indiana), Chicago, Ill. Conversion of hydrocarbons. 2,031,987; Feb. 25.
- Sullivan, Frederick W., Jr., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Solvent fractionation. 2,034,495; Mar. 17.
- Sullivan, Frederick W., Jr., Hammond, Ind., assignor to Standard Oil Company (Indiana), Chicago, Ill. Preparing valuable hydrocarbon products from acid sludge. 2,036,973; Apr. 7.
- Sullivan, Frederick W., Jr., and R. F. Ruthruff, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Treatment of hydrocarbon oil. 2,043,269; June 9.
- Sullivan, George H., et al. (See Knapp, George S., assignor.)
- Sullivan, James W. (See Henry, C. E., and Sullivan.)
- Sullivan, John H., Los Angeles, Calif. Latching device. 2,055,054; Sept. 22.
- Sullivan, Joseph M., Jackson Heights, N. Y. Combination screen and awning. 2,039,745; May 5.
- Sullivan Machinery Company. (See Baldwin, Clyde P., assignor.)
- Sullivan Machinery Company. (See Berteling, John F., assignor.)
- Sullivan Machinery Company. (See Campbell, Roy E., assignor.)
- Sullivan Machinery Company. (See Currier, Leslie A., assignor.)
- Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)
- Sullivan Machinery Company. (See Halleck, Frank A., assignor.)
- Sullivan Machinery Company. (See Holmes, Morris P., assignor.)
- Sullivan Machinery Company. (See Huffman, Mervin C., assignor.)
- Sullivan Machinery Company. (See Johansen, Harry C., assignor.)
- Sullivan Machinery Company. (See Joy, Joseph F., assignor.)
- Sullivan Machinery Company. (See Lamberton, Ralph E., assignor.)
- Sullivan Machinery Company. (See Mercer, Henry H., assignor.)
- Sullivan Machinery Company. (See Noble, Warren, assignor.)
- Sullivan Machinery Company. (See Nygren, Carl O., assignor.)
- Sullivan Machinery Company. (See Osgood, Charles F., assignor.)
- Sullivan Machinery Company. (See Osgood, Robert C., assignor.)
- Sullivan Machinery Company. (See Prendergast, James and J., assignors.)
- Sullivan Machinery Company. (See Reilly, John L., assignor.)
- Sullivan Machinery Company. (See Scott, Robert W., assignor.)
- Sullivan Machinery Company. (See Simmons, Leon E., assignor.)
- Sullivan Machinery Company. (See Weiner, Rudolph S., assignor.)
- Sullivan Machinery Company. (See Whinnen, Eugene, assignor.)
- Sullivan Machinery Company. (See Wilcox, Albert C., assignor.)
- Sullivan Machinery Company. (See Wineman, Wade H., assignor.)
- Sullivan Machinery Company. (See Wyman, Charles W., assignor.)
- Sullivan, Margaret B., et al. (See Hoyer, Frederic J., assignor.)
- Sullivan, Peter B., Randolph, Mass. Shoe heel. 2,031,511; Feb. 18.
- Sullivan, Pike H., New Rochelle, and H. V. Atwell, White Plains, N. Y., assignors to Gasoline Products Company, Inc., Newark, N. J. Treating hydrocarbon oils. 2,050,025; Aug. 4.
- Sullivan, Raymond H., and W. R. Gordon, Rochester, N. Y., assignors to General Motors Corporation, Detroit, Mich. 2,064,090; Dec. 15.
- Sulloway, Frank J. (See Austin, John H., assignor.)
- Sulloway Page Company. (See Karlberg, Axel O. A., assignor.)
- Sullivan, William. (See Webber, Ray R., assignor.)
- Sullivan, William D., West New York, N. J. Fume and dust eliminator. 2,032,101; Feb. 25.
- Sullivan, William J., assignor to M. Townley, Chicago, Ill. Brick lifting device. 2,033,746; Mar. 10.
- Sulzberger, Nathan, New York, N. Y. Moistureproof cigarette and making same. 2,033,791; Mar. 10.
- Sulzer Frères Societe Anonyme. (See Atteslander, Edouard, assignor.)
- Sulzer Frères Société Anonyme. (See Egloff, Hans C., assignor.)
- Sulzer Frères Société Anonyme. (See Kägi, Emil, assignor.)
- Sulzer Frères Société Anonyme. (See Lieberherr, Arthur, assignor.)
- Sulzer Frères Société Anonyme. (See Luchsinger, Emil, assignor.)
- Sulzer Frères, Société Anonyme. (See Metteli, Arnold, assignor.)
- Sulzer Frères Societe Anonyme. (See Moetteli, Arnold, assignor.)
- Sulzer Frères Societe Anonyme. (See Schaer, Charles, assignor.)
- Sulzer, Frères Société Anonyme. (See Simmen, Oscar, assignor.)
- Sulzer Frères Société Anonyme. (See Walti, Heinrich, assignor.)
- Sulzer Frères Société Anonyme. (See Zingg, Ernst, assignor.)
- Sumitomo Electric Wire & Cable Works Limited. (See Miyamoto, Itaru, assignor.)
- Summa, Hans, Schwarzenbach-on-the-Saale, Germany. Weaving shuttle. 2,033,556; Mar. 10.
- Summa, Hans, Schwarzenbach-on-the-Saale, Germany. Robbin. 2,055,952; Sept. 29.
- Summerhays, Harold F., assignor to Riverside Sheet Metal Works, Inc., Riverside, Calif. Orchard heater. 2,029,548; Feb. 4.
- Summerour & Devine, Inc. (See Summerour, M. A., and Devine, assignors.)
- Summerour, Marion A., and H. C. Devine, Jr., Kansas City, Kans., assignors to Summerour & Devine, Inc., Kansas City, Mo. Lighting fixture. 2,065,105; Dec. 22.
- Summers, Caleb E., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Venturi type cylinder head. 2,030,663; Feb. 11.
- Summers, Caleb E., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Engine mounting. 2,038,968; Apr. 28.
- Summers, Caleb E., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Oscillatory joint. 2,053,583; Sept. 8.
- Summers, Claude M. (See Smith, H. A., and Summers.)
- Summers, Claude M., Fort Wayne, Ind., assignor to General Electric Company. Electric circuit control means. 2,040,763; May 12.
- Summers, Earl G., Clendenin, W. Va. Pie cutter. 2,061,442; Nov. 17.
- Summers, Frank, Memphis, Tenn. Score board. 2,065,624; Dec. 29.
- Summers, John R., assignor of one-third to R. K. Covington, and one-third to T. E. Covington, Little Rock, Ark. Steering wheel cover. 2,058,740; Oct. 27.
- Summers, Kenneth E., Old Fletton, England. Wheel dressing device for abrasive lapping machines. 2,046,097; June 30.
- Summers, Lee A., Washington, D. C. Motor vehicle engine control. 2,040,716; May 12.
- Summers, Otto M., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,035,575; Mar. 31.
- Summers, Otto M., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,038,912; Apr. 28.
- Summers, Otto M., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,045,809; June 30.
- Summers, Reuben E., San Diego, Calif. Traffic signal. 2,050,635; Aug. 11.
- Summerson, William H. (See Goudsmit, A., and Summerson.)
- Summey, David L., deceased, Waterbury, Conn., The Colonial Trust Company and R. P. W. Summey, executors, assignors to Scovill Manufacturing Company, Waterbury, Conn. Metallurgical apparatus. 2,030,482; Feb. 11.
- Summey, David L., deceased, The Colonial Trust Company and R. P. W. Summey, executors, assignors to Scovill Manufacturing Company, Waterbury, Conn. Treating metals. 2,060,133; Nov. 10.
- Summey, David L., deceased, The Colonial Trust Company and R. P. W. Summey, executors, assignors to Scovill Manufacturing Company, Waterbury, Conn. Apparatus for refining metals. 2,060,134; Nov. 10.
- Summey, David L., deceased, The Colonial Trust Company and R. P. W. Summey, executors, assignors to Scovill Manufacturing Company, Waterbury, Conn. Metallurgical apparatus. 2,060,135; Nov. 10.



- Summey, David L., deceased, The Colonial Trust Company and R. P. W. Summey, executors, assignors to Scovill Manufacturing Company, Waterbury, Conn. Electric furnace. 2,060,136; Nov. 10.
- Summey, Richard P. W., et al, executors. (See Summey, David L.)
- Sumner, Bowater B. (See Fenstermacher, J. D., and Sumner.)
- Sumner, Henry C., Wyberton, F. J. Taylor, and F. Langley, Kirton, England. Coin-freed delivery machine. 2,029,205; Jan. 28.
- Sumner, Henry C., Wyberton, and F. J. Taylor and F. Langley, Kirton, England. Coin-freed or operated vending machine. 2,050,475; Aug. 11.
- Sumwalt, Clarence A., Texhoma, Okla. Mobile toy carousal. 2,054,396; Sept. 15.
- Sun Newspapers Limited. (See Hardy, Sydney T. C., assignor.)
- Sun Oil Company. (See Banks, D. B., and Barton, assignors.)
- Sun Oil Company. (See Chatfield, Victor M., assignor.)
- Sun Oil Company. (See Moxey, John G., assignor.)
- Sun Oil Company. (See Musante, A. F. S., and Perrine, assignors.)
- Sun Oil Company. (See Pew, Arthur E., Jr., assignor.)
- Sun Oil Company. (See Pew, A. E. Jr., and Thomas, assignors.)
- Sun Oil Company. (See Stearns, Walter V., assignor.)
- Sun Oil Company. (See Terrell, H. T., Hughes, and Carter, assignors.)
- Sun Oil Company. (See Thayer, Clarence H., assignor.)
- Sun Oil Company. (See Thomas, Henry, assignor.)
- Sun Oil Company. (See Vose, Richard S., assignor.)
- Sun Rubber Company, The. (See Lower, Melvin S., assignor.)
- Sun Tube Corporation, The. (See Friden, John H., assignor.)
- Sunberg, Gustaf A. (See Viberg, Sven G., assignor.)
- Sund, Alfred D., Santa Rosa, Calif. Dust mop bumper. 2,063,132; Dec. 8.
- Sundbach, Carl, Weymouth, Mass. Refrigeration apparatus particularly adapted for freezing fish. 2,041,443; May 19.
- Sundback, Gideon, assignor to Hookless Fastener Company, Meadville, Pa. Slider for slide fasteners. 2,027,326; Jan. 7.
- Sundback, Gideon, assignor to Hookless Fastener Company, Meadville, Pa. Making separable fastener sliders. 2,041,156; May 19.
- Sundback, Gideon, assignor to Hookless Fastener Company, Meadville, Pa. Separable fastener. 2,044,191; June 16.
- Sundback, Gideon, assignor to Hookless Fastener Company, Meadville, Pa. Apparatus and method for assembling separable interlocking fasteners. 2,045,884; June 30.
- Sundback, Gideon, Meadville, Pa., assignor to Hookless Fastener Company, Meadville, Pa. Separable interlocking fastener. 2,046,796; July 7.
- Sundback, Gideon, assignor to Hookless Fastener Company, Meadville, Pa. Slide fastener. 2,061,682; Nov. 24.
- Sundback, Gideon, assignor to Hookless Fastener Company, Meadville, Pa. Slider. 2,065,250; Dec. 22.
- Sundback, Gideon, Meadville, Pa., assignor to Hookless Fastener Company, Meadville, Pa. Separable fastener. 2,066,059; Dec. 29.
- Sundback, Gideon, Meadville, Pa., assignor to Hookless Fastener Company, Meadville, Pa. Slider for slide fasteners. 2,066,061; Dec. 29.
- Sundberg, Carl E., Quincy, assignor to Albert & J. M. Anderson Manufacturing Company, Boston, Mass. Time switch. 2,038,391; Apr. 21.
- Sundberg, Carl E., Quincy, assignor to Albert & J. M. Anderson Manufacturing Company, Boston, Mass. Time switch. 2,041,797; May 26.
- Sundell, G. A., et al. (See Hallwood, Thomas H., assignor.)
- Sundell, Theodore, Muskegon, Mich. Keyway broach and pilot. 2,050,901; Aug. 11.
- Sunderhauf, Frederick A., Rutherford, N. J., assignor to Reynolds Metals Company, New York, N. Y. Display stand. 2,059,823; Nov. 3.
- Sunderland, Alfred E., Asheville, assignor to American Enka Corporation, Enka, N. C. Treatment of artificial silk. 2,053,368; Oct. 20.
- Sunderland, Louis. (See Freda, V., Staffier, and Sunderland.)
- Sundin, Albert A., Chicago, Ill. Transmission lock. 2,041,621; May 19.
- Sundstrand Machine Tool Co. (See Buell, Timothy B., assignor.)
- Sundstrand Machine Tool Co. (See Schroeder, Clement J., assignor.)
- Sundstrand Machine Tool Co. (See Swanson, Fred R., assignor.)
- Sundstrand, Oscar J., Rockford, assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Calculating machine. 2,041,977; May 26.
- Sundstrand, Oscar J., Rockford, Ill., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Bookkeeping machine. 2,060,954; Nov. 17.
- Sundstrand, Oscar J., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Algebraic totalizer. 2,057,400; Oct. 13.
- Sundstrand, Oscar J., and W. A. Anderson, Rockford, Ill., assignors, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Bookkeeping machine. 2,056,747; Oct. 6.
- Sundstrom, Carl, and J. W. Hayes, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Purification of calcium chloride brines. 2,032,727; Mar. 3.
- Sundstrom, Ivar, assignor to Bay State Optical Company, Attleboro, Mass. Eyeglass construction. 2,046,706; July 7.
- Sundt, Edward V., and B. Kollath, Chicago, Ill. Electric fuse. 2,041,383; May 19.
- Sun-Maid Raisin Growers of California. (See Forrest, Thomas W. W., assignor.)
- Sunnen, Joseph, Kirkwood, Mo. Device for testing the alignment of connecting rods of engines. 2,036,238; Apr. 7.
- Sunnen, Joseph, Kirkwood, Mo. Piston ring compressor. 2,037,096; Apr. 14.
- Sunnen, Joseph, Kirkwood, Mo. Engine cylinder grinding machine. 2,040,281; May 12.
- Sunnen, Joseph, Kirkwood, Mo. Device for assembling connecting rod bearings preparatory to grinding. 2,053,584; Sept. 8.
- Suomala, John B., Camden, N. J., assignor to Radio Corporation of America. Two-speed motor. 2,051,799; Aug. 18.
- Supco Products Corporation. (See Gottlieb, Saul, assignor.)
- Super Diesel Tractor Corporation. (See Scott, Philip L., assignor.)
- Super Mold Corporation. (See Wook, Herbert J., assignor.)
- Superheater Company, The. (See Armacost, Wilbur H., assignor.)
- Superheater Company, The. (See Blome, August B., assignor.)
- Superheater Company, The. (See Gordon, Charles W., assignor.)
- Superheater Company, The. (See Griffin, Joseph F., assignor.)
- Superheater Company, The. (See Hall, Frederic, assignor.)
- Superheater Company, The. (See Huet, André, assignor.)
- Superheater Company, The. (See Magis, Auguste, assignor.)
- Superheater Company, The. (See Makely, Ralph G., assignor.)
- Superheater Company, The. (See Ostermann, Rudolf M., assignor.)
- Superheater Company, The. (See Peperkorn, Heinrich, assignor.)
- Superheater Company, The. (See Rawson, Emanuel, assignor.)
- Superheater Company, The. (See Rawson, E., and Griffin, assignors.)
- Superheater Company, The. (See Ringel, C., and Smith, assignors.)
- Superheater Company, The. (See Robinson, Eric A., assignor.)
- Superheater Company, The. (See Shane, W., and Smith, assignors.)
- Superheater Company, The. (See Smith, Bert, assignor.)
- Superheater Company, The. (See Wood, John E., assignor.)
- Superior Cement Corporation. (See Sexton, August H., assignor.)
- Superior Meter Company. (See Martin, Thomas J., assignor.)
- Superior Steel Corporation. (See Kientz, Joseph C., Jr., assignor.)
- Superior Switchboard & Devices Company. (See Grace, Richard W., assignor.)
- Superior Underwear Company, The. (See Black, James L., assignor.)
- Superior Yarn Mills, Incorporated. (See Suttentfield, W. H., York, and Howard, assignors.)
- Superstat Company. (See Smith, Hazor J., assignor.)
- Supina, Walter T., Manchester, Conn. Game device. 2,066,238; Dec. 29.
- Suppiger, Gerhart S., C. Alexander, Belleville, Ill., and J. H. Schreiber, St. Louis, Md., assignors to Scientific Tablet Co., Belleville, Ill. Tablet depositing machine. 2,060,645; Nov. 10.
- Supplie, Adolf, Wetter-on-the-Ruhr, Germany. Fastening device. 2,041,444; May 19.
- Supreme Instruments Corporation. (See Fausett, Floyd, assignor.)
- Surdy, Charles J. (See Turner, E. A., and Surdy.)
- Surdy, Charles J., Tuckahoe, N. J., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,050,984; Aug. 11.
- Surdy, Charles J., Tuckahoe, and E. A. Turner, New York, N. Y., assignors to The Standard Stoker Company, Incorporated. Stoker mechanism. 2,061,783; Nov. 24.
- Surdy, Charles J., by judicial change of name. (See Anderson, H. P., and Surdykowski, assignors.)
- Surdy, Charles J. (by judicial change of name). (See Surdykowski, Charles J., (Surdy, Charles J.).)
- Surdy, Charles J., (judicial change of name). (See Surdykowski, Charles J.)
- Surdykowski, Charles J. (See Anderson, H. P., and Surdykowski.)



- Surdykowski, Charles J., Tuckahoe, N. Y., said Surdykowski, now by judicial change of name, C. J. Surdy, assignor to Standard Stoker Company, Inc. Locomotive tender. 2,029,298; Feb. 4.
- Surdykowski, Charles J., Tuckahoe, N. Y., now by judicial change of name, C. J. Surdy, assignor to Standard Stoker Company, Inc. Locomotive tender. 2,029,397; Feb. 4.
- Surdykowski, Charles J., Tuckahoe, N. Y., said Surdykowski by judicial change of name Charles J. Surdy, assignor to The Standard Stoker Company, Incorporated. Stoker. 2,064,277; Dec. 15.
- Surface Combustion Corporation. (See Branche, Nelson T., assignor.)
- Surface Combustion Corporation. (See Branche, N. T., and Beam, assignors.)
- Surface Combustion Corporation. (See Cone, Carroll, assignor.)
- Surface Combustion Corporation. (See de Coriolis, E. G., and Moser, assignors.)
- Surface Combustion Corporation. (See Hepburn, William M., assignor.)
- Surface Combustion Corporation. (See Hepburn, W. M., and Barber, assignors.)
- Surface Combustion Corporation. (See Hepburn, W. M., and Munford, assignors.)
- Surface Combustion Corporation. (See Munford, Theodore W., assignor.)
- Surface Combustion Corporation. (See Winder, Frank J., assignor.)
- Surface Combustion Corporation. (See Winder, F. J., and Swift, assignors.)
- Surface, Morris E., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Lighting fixture. 2,026,756; Jan. 7.
- Surface, Morris E., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Lighting fixture. 2,062,772; Dec. 1.
- Surfacing Wheel Corporation. (See Hodgkins, Albert A., assignor.)
- Surgident, Ltd. (See Boeger, H. F., and Van Rossem, assignors.)
- Surjaninoff, Maria, Stammersdorf, Austria. Winding for electric machines. 2,055,595; Sept. 29.
- Surmann, Johannes R., Berlin-Schlachtensee, Germany. Device for storing eggs or the like. 2,028,258; Jan. 21.
- Surra, Stéphane, Chambéry, France. Carburetor for internal combustion engines. 2,049,180; July 28.
- Surtees, Robert E., Riverside, Ill., assignor of one-half to L. D. Matchette, Milwaukee, Wis. Liner for a brake drum and making the drum. 2,028,573; Jan. 21.
- Sussberg & Feinberg, Inc. (See Sussberg, Victor L., assignor.)
- Sussberg, Victor L., assignor to Sussberg & Feinberg, Inc., New York, N. Y. Slip. 2,062,150; Nov. 24.
- Süssenguth, Otto, Erkner near Berlin, Germany, assignor, by mesne assignments, to Bakelite Corporation, New York, N. Y. Molding compositions from urea and solid polymeric aldehydes and making the same. 2,053,228; Sept. 1.
- Süssenguth, Otto, Erkner, near Berlin, Germany, assignor to Bakelite Corporation, New York, N. Y. Making molding compositions from urea. 2,053,229; Sept. 1.
- Süssenguth, Otto, Erkner, near Berlin, Germany, assignor to Bakelite Corporation, New York, N. Y. Making molding compositions from urea. 2,053,230; Sept. 1.
- Sussin, Max H., assignor of one-half to F. L. Barchard, Chicago, Ill. Pressure fluid supply system and apparatus. 2,029,085; Jan. 28.
- Sussman, Jacob, assignor to The Eye-Lens Corporation. Photographic lens system. 2,033,596; Mar. 10.
- Sussmeier, Lorenz. (See Donderer, Josef, assignor.)
- Susu Nut Company, The. (See Swain, Lester M., assignor.)
- Sutcliffe, Arthur G., assignor to Ilg Electric Ventilating Co., Chicago, Ill. Darkroom ventilator. 2,054,526; Sept. 15.
- Sutcliffe, Edgar R., Lowton, Newton-Le-Willows, England. Apparatus for loading or piling bricks or the like. 2,040,574; May 12.
- Sutcliffe, Harry L. (See Maccarone, F., and Cutcliffe.)
- Suter, Harold G., et al. (See Fairchild, Glen G., assignor.)
- Suter, Marcel J., assignor to Eugene, Ltd., New York, N. Y. Hair curling and waving appliance. 2,043,634; June 9.
- Sutfin, Fred R., and C. Cailliau, Detroit, Mich. Pipe cleaning device. 2,063,205; Dec. 8.
- Sutherland, Alfred, Jellicoe, Ontario, Canada. Clamp puller. 2,037,834; Apr. 21.
- Sutherland, Clarence R., Dayton, Ohio. Protective packet. 2,041,577; May 19.
- Sutherland, Daniel M., Jr., Morrisville, Pa. Manufacture of fiber products. 2,030,946; Feb. 18.
- Sutherland, Daniel M., Jr., Morrisville, Pa. Fiber refining and refiner. 2,035,994; Mar. 31.
- Sutherland Paper Company. (See Annen, James E., assignor.)
- Sutherland Paper Company. (See Frostad, George O., assignor.)
- Sutherland, William F., and G. G. Waite, Toronto, Ontario, Canada. Meter for indicating ratio of fluid fuel consumption to engine speed. 2,031,192; Feb. 18.
- Sutleif, John R., Lapine, Oreg. Wire reel. 2,029,953; Feb. 4.
- Sutinen, John, Duluth, Minn. Railroad rail bracing. 2,052,041; Aug. 25.
- Sutliff, James T. (See Kent, Walter E., assignor.)
- Sutliff, Wayne N., et al. (See Ridley, Ralph M., assignor.)
- Suttenfield, William H., Statesville, and O. L. York, and V. A. Howard, Longisland, assignors to Superior Yarn Mills, Incorporated, Statesville, N. C. Dyeing machine. 2,048,302; July 21.
- Sutter, Charles, Suresnes, and E. A. Dugied, Courbevoie, assignors to Societe Anonyme des Anciens Etablissements Hotchkiss & Cie, Levallois-Perret, Seine, France. Gun carriage. 2,039,198; Apr. 28.
- Sutter, Charles, Suresnes, and E. A. Dugied, Courbevoie, assignors to Societe Anonyme des Anciens Etablissements Hotchkiss & Cie, Levallois-Perret, France. Gas controlled automatic firearm. 2,052,368; Aug. 25.
- Sutter, Theodor. (See Gams, A., and Sutter.)
- Sutter, Theodor, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of synthetic resins of the aminealdehyde type. 2,029,954; Feb. 4.
- Sutter, Theodor, Basel, Switzerland, assignor, by mesne assignments, to Ciba Products Corporation, Dover, Del. Synthetic resins and making same. 2,034,597; Mar. 17.
- Sutter, Theodor, Basel, Switzerland, assignor, by mesne assignments, to Ciba Products Corporation, Dover, Del. Synthetic resins and making same. 2,038,142; Apr. 21.
- Sutter, Theodor, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Synthetic resins and making same. 2,042,741; June 2.
- Sutton, Cyril D., assignor of one-sixth to C. A. Miller, one-sixth to I. H. Culp, one-sixth to H. E. Cormier, one-sixteenth to Edward Pringle, Buffalo, N. Y. Scaffold for structural workers. 2,043,128; June 2.
- Sutton, Gerald J., assignor to Brough Nicholson & Hall Limited, London, England. Edging of fabrics or other materials. 2,047,337; July 14.
- Sutton, Harry G., Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Attachment for garment pressing machines. 2,042,640; June 2.
- Sutton, Hubert, and L. F. LeBrocq, South Farnborough, England. Protection of metallic surfaces. 2,064,325; Dec. 15.
- Sutton, John C., assignor to The Brearley Company, Rockford, Ill. Bathroom scale. 2,049,632; Aug. 4.
- Sutton, Roy C., University City, Mo. Alkaline detergent powder and making the same. 2,034,361; Mar. 17.
- Sutton, Walter C. (See Crossman, F., and Sutton.)
- Sutton, Walter C., Shaker Heights, assignor to The Lindsay Wire Weaving Company, Cleveland, Ohio. Seam for woven wire fabric and making same. 2,049,575; Aug. 4.
- Sutton, Wilson L., assignor to Fleetwings, Inc., Garden City, Long Island, N. Y. Spar structure. 2,027,711; Jan. 14.
- Sutton, Wilson L., Long Island, assignor to Fleetwings, Inc., Garden City, N. Y. Spar structure. 2,055,756; Sept. 29.
- Suwalkowski, Joseph, assignor of five and three-twentieths to I. Tomaszewski and ten and seventeen-twentieths to K. T. Dabrowski, North Detroit, Mich. Threshing machine. 2,036,239; Apr. 7.
- Sveda, Joseph E., Garfield, and H. G. Lehmann, Woodridge, N. J. Educational test device. 2,048,976; July 28.
- Svensden, Svend S., Madison, Wis., assignor to Clay Reduction Company, Chicago, Ill. Manufacture of granular aluminum hydroxide. 2,036,508; Apr. 7.
- Svensden, Svend S., Madison, Wis., assignor, by mesne assignments, to Burgess Titanium Company. Manufacture of titanium compounds. 2,042,434; May 26.
- Svensden, Svend S., Madison, Wis., assignor, by mesne assignments, to Burgess Titanium Company. Treatment of titanium-bearing materials. 2,042,435; May 26.
- Svensden, Svend S., assignor to Burgess Titanium Company, Madison, Wis. Purification of titanium compounds. 2,042,436; May 26.
- Svensden, Svend S., Madison, Wis., assignor to Basic Metals Corporation, Chicago, Ill. Lead product. 2,065,408; Dec. 22.
- Svenska Akkumulator Aktiebolaget Jungner. (See Gustafsson, Nils G. A., assignor.)
- Svenska Aktiebolaget Bromsregulator. (See Browall, Bert H., assignor.)
- Svenska Aktiebolaget Gasaccumulator. (See Björklund, Gustaf E., assignor.)
- Svenska Aktiebolaget Gasaccumulator. (See Dalén, G., and Björklund, assignors.)
- Svenska Tandsticks Aktiebolaget. (See Ringer, Ferdinand, assignor.)
- Svenson, Ernest J., Rockford, Ill. Material working apparatus. 2,030,335; Feb. 11.
- Svenson, Ernest J., Rockford, Ill. Plastic lubricating seal. 2,032,817; Mar. 3.
- Svenson, Ernest J., Rockford, Ill. Plunger pump. 2,048,524; July 21.
- Svenson, Ernest J., Rockford, Ill. Valve construction. 2,051,278; Aug. 18.
- Svenson, Ernest J., Rockford, Ill. Gear tooth construction. 2,051,914; Aug. 25.
- Svenson, Ernest J., assignor to W. F. & John Barnes, Company, Rockford, Ill. Machine tool unit. 2,036,162; Mar. 31.
- Svenson, Sven, San Francisco, Calif. Motor starting switch. 2,054,957; Sept. 22.



- Svensson, Anders, Swissvale, Pa. Combination drafting and computing rule. 2,059,289; Nov. 3.
- Svensson, Carl D., assignor to L. A. Svensson, Stockholm, Sweden. Composition of asphalt emulsion. 2,037,948; Apr. 21.
- Svensson, Lilly A. (See Svensson, Carl D., assignor.)
- Svensson, Sijune, Hissmofors, Krokum, Sweden. Method of and an apparatus for charging cellulose digesters or the like. 2,029,086; Jan. 28.
- Svetlik, Kurt, Chemnitz in Sachsen, Germany. Waxing apparatus. 2,037,349; Apr. 14.
- Svikhart, Miles L., Garden City Park, assignor to Western Electric Company, Incorporated, New York, N. Y. Book support. 2,062,482; Dec. 1.
- Svoboda, John F., assignor to Dudley Lock Corporation, Chicago, Ill. Lock. 2,039,126; Apr. 28.
- Swain, Eulalie, Midland, Tex. Combined sink and drain. 2,035,000; Mar. 24.
- Swain, Howland M., assignor to The Irwin Auger Bit Company, Wilmington, Ohio. Auger bit. 2,029,447; Feb. 4.
- Swain, Raymond A. (See Hennegan, P. M., and Swain, assignors.)
- Swallen, Lloyd C. (See Irey, K. M., and Swallen.)
- Swallen, Lloyd C., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Separation of methyl amines. 2,045,929; June 30.
- Swallen, Lloyd C., Terre Haute, Ind., assignor to Aesinox Corporation, New York, N. Y. Varnish compositions and making same. 2,055,953; Sept. 29.
- Swallow, Francis P., assignor to United States Envelope Company, Worcester, Mass. Method and apparatus for the manufacture of drinking cups. 2,043,018; June 2.
- Swallow, Sidney T. (See Andrews, J. W., and Swallow.)
- Swallow, William, Headington, assignor to The Pressed Steel Company of Great Britain Limited, Cowley, Oxford, England. Vehicle body front construction. 2,058,923; Oct. 27.
- Swallow, William, Headington, Oxford, England, assignor to The Pressed Steel Company of Great Britain Limited, Cowley, Oxford, England. Vehicle chassis frame. 2,066,019; Dec. 29.
- Swalm, Robert A., Buffalo, N. Y., assignor to Curtiss Aeroplane Motor Company, Inc. Parking brake. 2,034,121; Mar. 17.
- Swalm, Robert A., Buffalo, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Aircraft landing gear. 2,053,053; Sept. 1.
- Swan Carburetor Company, The. (See Swan, John W., assignor.)
- Swan, Charles W., executor. (See Swan, John C.)
- Swan, George W., Flat Rock, Mich. Oscillating cultivator. 2,028,957; Jan. 28.
- Swan, Harry, New York, N. Y., assignor to Patents Incorporated, Wilmington, Del. Safety razor. 2,046,219; June 30.
- Swan, Horace G., Buffalo, and F. G. Suckow, Bowmansville, assignors to The Gould Coupler Company, Rochester, N. Y. Cushioning mechanism. 2,054,566; Sept. 15.
- Swan, Hylton, Upper Montclair, and S. Higgins, Verona, N. J., assignors to Bakelite Corporation, New York, N. Y. Printing plate. 2,028,709; Jan. 21.
- Swan, Hylton, Upper Montclair, and S. Higgins, Verona, N. J., assignors to Bakelite Corporation, New York, N. Y. Printing plate. 2,028,710; Jan. 21.
- Swan, Hylton, Upper Montclair, and S. Higgins, Verona, N. J., assignors to Bakelite Corporation, New York, N. Y. Printing plate. 2,028,711; Jan. 21.
- Swan, Hylton, Upper Montclair, and S. Higgins, Verona, N. J., assignors to Bakelite Corporation, New York, N. Y. Printing plate. 2,028,712; Jan. 21.
- Swan, John C., deceased, Marietta, Ohio, C. W. Swan, executor. Apparatus for processing gas. 2,032,074; Feb. 25.
- Swan, John W., Sarasota, Fla., assignor to The Swan Carburetor Company, Cleveland, Ohio. Manifolding means for multicylinder engines. 2,046,797; July 7.
- Swan, Joseph H., 3d, assignor to The Gardner-Richardson Company, Middletown, Ohio. Paper manufacture. 2,039,361; May 5.
- Swan, Otto, and F. Pollitzer, New York, N. Y. Dental restoration. 2,028,882; Jan. 28.
- Swank, Albert M. (See Swank, Helen Y., and A. M.)
- Swank, Calvin P., Philadelphia, Pa. Loose leaf folder. 2,042,366; May 26.
- Swank, Helen Y., and A. M., Johnstown, Pa. Separating and retarding relative movement of refractory, vitrified and like products during transportation. 2,062,948; Dec. 1.
- Swank, James W. (See Calkins, R. M., and Swank.)
- Swanland, Frederick O., Philadelphia, Pa. Two-way hose check valve. 2,044,921; June 23.
- Swann, Charles E. (See Crandall, George W., assignor.)
- Swann, Charles E. (See Landberg, F., and Dahlstrom, assignors.)
- Swann Fertilizer Company. (See Klugh, Bethune G., assignor.)
- Swann, James S., assignor to Railway Metal Products Company, Chicago, Ill. Operating mechanism for railway car doors. 2,041,650; May 19.
- Swann Research, Incorporated. (See Ballard, J. L., and K. Jenkins, assignors.)
- Swann Research, Incorporated. (See Booth, Charles F., assignor.)
- Swann Research, Incorporated. (See Durgin, Charles B., assignor.)
- Swann Research Incorporated. (See Jenkins, R. L., and Foley, assignors.)
- Swann Research, Incorporated. (See Jenkins, R. L., and Hardy, assignors.)
- Swann Research, Incorporated. (See Moose, Joe E., assignor.)
- Swann Research, Incorporated. (See Moss, Henry V., assignor.)
- Swann Research, Inc. (See Snell, F. D., and Moss, assignors.)
- Swanson, Axel W., Chicago, Ill., assignor to Holmquist-Swanson Company. Play pen. 2,059,058; Oct. 27.
- Swanson, Charles A., Chicago, Ill. Mower guard. 2,046,590; July 7.
- Swanson, Edwin C. (See Abramson, J. H., and Swanson.)
- Swanson, Ernest R., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 2,036,441; Apr. 7.
- Swanson, Ernest R., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Conveyer means for winding and like machines. 2,058,839; Oct. 27.
- Swanson, Esther B. R., Milwaukee, Wis. Detachable heel lift. 2,044,409; June 16.
- Swanson, Fred R., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Work support. 2,036,240; Apr. 7.
- Swanson, Fred W., Des Moines, Iowa. Spectacle case. 2,057,801; Oct. 20.
- Swanson, Gunnard E., New Britain, Conn. Lock. 2,049,548; Aug. 4.
- Swanson, Hjalmar A., assignor to Cummins Perforator Company, Chicago, Ill. Check signing and indorsing mechanism. 2,039,566; May 5.
- Swanson, Hjalmar A., assignor to Cummins Perforator Company, Chicago, Ill. Check signing and endorsing machine. 2,064,391; Dec. 15.
- Swanson, Ralph W., Mount Pleasant, Mich. Wall table. 2,031,287; Feb. 18.
- Swanson, Ralph W., Mt. Pleasant, Mich. Folding bracket. 2,038,143; Apr. 21.
- Swanson, Swan, Sparta, Mich. Building material. 2,038,250; Apr. 21.
- Swanson, Swan G., Chicago, Ill. Automatic transmission. 2,040,450; May 12.
- Swanson & Thompson. (See Thompson, Elmer B., assignor.)
- Swanson, Verner J., Elmhurst, and J. L. Yarian, Chicago, Ill.; said Yarian assignor to said Swanson. Piston ring. 2,047,806; July 14.
- Swanson, William N., Chicago, Ill. Rake. 2,049,595; Aug. 4.
- Swanstrom, Arthur C., Irvington, N. J., assignor to Elastic Stop Nut Corporation. Nut structure. 2,026,757; Jan. 7.
- Swanstrom, Carl, Duluth, Minn. Horseshoe. 2,043,358; June 9.
- Swanstrom, Otto, Duluth, Minn. Horseshoe. 2,043,359; June 9.
- Swars, Paul G., Larchmont, N. Y. Apparatus for heating water. 2,066,190; Dec. 29.
- Swart, Leland K. (See Honaman, R. K., Inskip, and Swart.)
- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Electrical protective system. 2,032,512; Mar. 3.
- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Electrical protective system. 2,032,513; Mar. 3.
- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Gas-filled tube and circuit therefor. 2,032,514; Mar. 3.
- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Electrical protective system. 2,040,219; May 12.
- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Electrical protective system. 2,043,399; June 9.
- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Electrical protective system. 2,044,512; June 16.
- Swart, Leland K., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resetting circuit for trigger devices. 2,056,235; Oct. 6.
- Swart, Leland K., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Circuits for resetting gaseous discharge devices. 2,056,912; Oct. 6.
- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Electrical protective system. 2,065,765; Dec. 29.
- Swart, Leland K., Mountain Lakes, and J. D. Tebo, Verona, N. J., said Swart assignor to American Telephone and Telegraph Company, and said Tebo assignor to Bell Telephone Laboratories, Inc. Electrical protective system. 2,054,008; Sept. 8.
- Swart, Richard H., assignor to General Refrigeration Corporation, Beloit, Wis. Refrigerating apparatus. 2,051,971; Aug. 25.
- Swart, Richard H., assignor to General Refrigeration Corporation, Beloit, Wis. Heat interchanger. 2,061,742; Nov. 24.
- Swartfager, Bryce. (See Mellars, N. W., and Swartfager.)
- Swartswelter, Ralph A., Masontown, Pa. Pen. 2,052,500; Aug. 25.



- Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,057,401; Oct. 13.
- Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,059,290; Nov. 3.
- Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,059,291; Nov. 3.
- Swartwout, Amy R., executrix. (See Swartwout, Everett W.)
- Swartwout Company, The. (See Mastenbrook, Henry J., assignor.)
- Swartwout, Everett W., Scarsdale, N. Y. Compressor. 2,034,159; Mar. 17.
- Swartwout, Everett W., deceased, White Plains, N. Y., by A. R. Swartwout, Executrix. Transformer measuring instrument. 2,062,110; Nov. 24.
- Swartz, Carl E. (See Palm, J. V. O., and Swartz.)
- Swartz, Carl E. (See Phillips, A. J., and Swartz.)
- Swartz, Carl E., Highland Park, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Coating ferrous metals with cadmium. 2,040,282; May 12.
- Swartz, Carl E., Highland Park, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Flux for cadmium and its alloys and regenerating same. 2,040,283; May 12.
- Swartz, Charles A. (See Searles, A., and Swartz.)
- Swartz, Guy E., Detroit, Mich. Shaft operating and locking device. 2,066,167; Dec. 29.
- Swartz, Milton D., Baltimore, Md. Polish. 2,048,303; July 21.
- Swasey, John M., Boston, Mass. Umbrella mirror. 2,043,019; June 2.
- Swauger, John S., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction box cover. 2,042,198; May 26.
- Swayne, Frank J., near Centralia, Wash., assignor to The De Long Hook and Eye Company. Lingerie tape holder. 2,059,618; Nov. 3.
- Swearingen, Milton P., Decatur, Ind. Butter tub reconditioning machine. 2,051,156; Aug. 18.
- Swedeland, Adolf, Toledo, Ohio. Tin cutter. 2,031,190; Feb. 18.
- Swedeland, Adolf, Chicago, Ill. Paring knife. 2,031,191; Feb. 18.
- Sweek, William O., Phoenix, assignor of one-fifth to W. T. McGeorge, Tucson, one-fifth to J. S. Benroth, Phoenix, Ariz., one-fifth to J. A. Saunders, Washington, D. C., and one-fifth to H. H. Porter, Clarendon, Va. Irrigating and fertilizing plants. 2,028,172; Jan. 21.
- Sweek, William O., and J. S. Benroth, Phoenix, Ariz., assignors of one-third to J. A. Saunders, Washington, D. C. Preparing palatable beverages containing alcohol. 2,032,818; Mar. 3.
- Sweeley, Edward A., Alexandria, Va., and N. T. Anderson, Washington, D. C. Bulkhead and bunker for refrigerator and other cars. 2,050,476; Aug. 11.
- Sweeley, Edward A., and R. Killingstad, Alexandria, Va., assignors to Fruit Growers Express Company. Heating apparatus. 2,065,251; Dec. 22.
- Sweeney, James A., Providence, R. I., assignor to Universal Optical Corporation. Ophthalmic mounting. 2,037,284; Apr. 14.
- Sweeney, Ross J., Harrisburg, Pa. Internal combustion engine. 2,060,263; Nov. 10.
- Sweeper Products Co. (See Milligan, John F., assignor.)
- Sweeper-Vac Company, The. (See Daniels, D. C., and Wassall, assignors.)
- Sweet, Alvin J. (See Perkins, R. L., and Sweet.)
- Sweet, Andrew T., Houghton, and J. D. MacCarthy, assignors to General Manganese Corporation, Detroit, Mich. Obtaining manganese values from ores containing them. 2,059,499; Nov. 3.
- Sweet, Cecil H. (See Erwin, W. C., and Sweet.)
- Sweet, Cecil H., assignor of one-half to W. C. Erwin, Brea, Calif. Releasing rope socket. 2,060,403; Nov. 10.
- Sweet, Clifford I., assignor to The Delphos Bending Company, Delphos, Ohio. Baby rocker. 2,061,527; Nov. 17.
- Sweet, Frederick D. (See Foster, W. D., and Sweet.)
- Sweet, Frederick D., New York, N. Y., and W. D. Foster, Washington Township, Bergen County, N. J., assignors to Kinatome Patents Corporation. Film handling apparatus. 2,036,894; Apr. 7.
- Sweet, Harold E. (See Baker, Kenneth H., assignor.)
- Sweet, Harold E. (See Lynds, Fred H., assignor.)
- Sweet, Harry, assignor to Brown Company, Berlin, N. H. Fiber conduit installation. 2,056,304; Oct. 6.
- Sweet, Laurence A., Huntington Park, Calif. Battery terminal connection. 2,052,117; Aug. 25.
- Sweet, Sterling S. (See McNally, J. G., and Sweet.)
- Sweetland, Earl, Grosse Isle, and R. E. Vander Cook, Inkster, Mich., assignors to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Purifying concentrated caustic soda solutions. 2,040,717; May 12.
- Sweetland, Ernest J., Piedmont, Calif. Filter and operating same. 2,042,564; June 2.
- Sweets Laboratories, Inc. (See Canning, Franklin V., assignor.)
- Sweetsier, Ernest H. (See Twisleton-Wykeham-Fiennes, M. A., and Sweetsier.)
- Swendsen, Johan W., Oslo, Norway. Device for regulating the air-gap between the stator and rotor in dynamo machines having annular elements. 2,039,199; Apr. 28.
- Swendsen, Johan W., Oslo, Norway. Induction motor with disk-wound stator and rotor. 2,045,734; June 30.
- Swennes, Benjamin A. (See Trott, R. S., Swennes, and Miller.)
- Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Automatic starting means for hydrocarbon engines. 2,060,955; Nov. 17.
- Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Water pump. 2,065,834; Dec. 29.
- Swennes, Benjamin A., Rockford, Ill., and R. S. Trott, Denver, Colo.; said Swennes assignor to said Trott. Engine mounting. 2,044,649; June 16.
- Swenson, Carl E., et al. (See Anderson, Edmund B., assignor.)
- Swenson, Carl E., Rockford, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Universal joint. 2,037,947; Apr. 21.
- Swenson, Carl E., and E. B. Anderson, Rockford, assignors, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Universal joint assembly. 2,064,392; Dec. 15.
- Swenson, Eric A., Beakiss, Tex. Automatic firearm. 2,057,169; Oct. 13.
- Swenson, Frank, Teaneck, N. J., assignor to Multi-Lino-Segment Company, New York, N. Y. Printing press cylinder and preparing the same for the printing operation. 2,037,833; Apr. 21.
- Swenson, Maria. (See Carlson, Oscar, assignor.)
- Swenson, Theodore L. (See Balls, A. K., and Swenson.)
- Swentzel, John P. (See Baumann, H. N., Jr., Swentzel, and Logan.)
- Swetta, John R., and W. E. Lehotsky, Detroit, Mich. Sharpener. 2,032,640; Mar. 3.
- Swidersky, Stanley T., Houtzdale, Pa. Fastener. 2,041,498; May 19.
- Swift, Charles W., assignor to Multichrome Press Equipment Limited, Auckland, New Zealand. Plate cylinder for rotary printing presses. 2,038,320; Apr. 21.
- Swift, Claude E. (See Bray, U. B., and Swift.)
- Swift, Claude E. (See Dillon, L., and Swift.)
- Swift, Claude E., Glendale, assignor to Union Oil Company of California, Los Angeles, Calif. Fractionation of mineral oil. 2,031,234; Feb. 18.
- Swift and Company. (See Davis, Elmer M., assignor.)
- Swift and Company. (See Mallory, Charles E., assignor.)
- Swift and Company. (See McKee, Harry H., assignor.)
- Swift and Company. (See McKee, H. H., and Henney, assignors.)
- Swift & Company. (See Richardson, W. D., Grettie, and Newton, assignors.)
- Swift and Company. (See Walter, Charles T., assignor.)
- Swift & Company Fertilizer Works. (See Siems, Herman B., assignor.)
- Swift, Donald D., Hartford, and H. E. Robertson, East Hartford, assignors to M. Swift & Sons, Incorporated, Hartford, Conn. Metallic leaf with flexible backing. 2,044,922; June 23.
- Swift, Edwin M., assignor of one-half to G. Newell, Seattle, Wash. Electropneumatic gear shift. 2,035,678; Mar. 31.
- Swift, Freeman R., Mount Vernon, assignor to Standard Brands Incorporated, New York, N. Y. Souring material. 2,060,264; Nov. 10.
- Swift, George W., Jr., Bordentown, assignor to G. W. Swift, Jr., Inc., Bordentown, N. J. Mechanism for unwinding mill rolls. 2,027,796; Jan. 14.
- Swift, George W., Jr., Bordentown, assignor to George W. Swift, Jr., Inc., Bordentown, N. J. Cut-off machine. 2,031,512; Feb. 18.
- Swift, George W., assignor to G. W. Swift, Jr., Inc., Bordentown, N. J. Corrugated paperboard machine. 2,039,750; May 5.
- Swift, George W., Jr., assignor to George W. Swift, Jr., Inc., Bordentown, N. J. Method and apparatus for making sanitary napkins. 2,040,799; May 12.
- Swift, George W., Jr., assignor to George W. Swift, Jr., Inc., Bordentown, N. J. Corrugating machine. 2,043,635; June 9.
- Swift, George W., Jr., assignor to George W. Swift, Jr., Inc., Bordentown, N. J. Mechanism for unwinding mill rolls. 2,050,509; Aug. 11.
- Swift, George W., Jr., assignor to George W. Swift, Jr., Inc., Bordentown, N. J. Cut-off machine. 2,059,412; Nov. 3.
- Swift, George W., Jr., Inc. (See Swift, George W., Jr., assignor.)
- Swift, Howard E., assignor to The Martin Trailer Company, Westfield, Mass. Automotive vehicle. 2,042,079; May 26.
- Swift, Justin R., and R. W. Redin, Chicago, Ill. Rubber type holder and type therefor. 2,041,499; May 19.
- Swift, Lincoln L. (See Winder, F. J., and Swift.)
- Swift, M., & Sons, Incorporated. (See Swift, D. D., and Robertson, assignors.)
- Swift, Otto S., Long Beach, Calif. Vertical structural interlocking panel system. 2,061,859; Nov. 24.
- Swigert, Arthur M., Jr., Detroit, Mich. Measuring instrument. 2,051,502; Aug. 18.



- Swigert, Charles F., Jr., assignor to Electric Steel Foundry Company, Portland, Oreg. Flexible bucket tooth connection. 2,055,265; Sept. 22.
- Swigert, Clarence J., Detroit, Mich., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,054,144; Sept. 15.
- Swilens, Charles, Chicago, Ill. Lock. 2,063,708; Dec. 8.
- Swilmeyer, Frithjof. (See Dahlen, M. A., Detrick, Etzel-miller, and Zwilmeyer.)
- Swinburne, James, East Orange, assignor to Carrier Engineering Corporation, Newark, N. J. Liquid level control device. 2,059,716; Nov. 3.
- Swingspout Measure Company. (See Wiswell, Ozro N., assignor.)
- Swink, Hearn, Salisbury, N. C., and P. W. Douglass, Ridgewood, N. J., assignors to Cannon Mills Company, Kannapolis, N. C. Reinforced hemstitching. 2,045,885; June 30.
- Swinton, David R., Detroit, Mich., assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Spring leaf spacer. 2,028,299; Jan. 21.
- Swinyard, William O. (See Wheeler, H. A., and Swinyard.)
- Swinyard, William O. (See Wheeler, H. A., Whitman, Case, and Swinyard.)
- Swiss Knitting Company (See Kattermann, Emil D., assignor.)
- Swoboda, Adolph R., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric conductor. 2,046,707; July 7.
- Sydnos, Kolbein, Stabekk, near Oslo, Norway. Device for indicating magnetic directions. 2,049,232; July 28.
- Sykes, Adrian F., St. Albans, England. Acoustic translating device. 2,038,687; Apr. 28.
- Sykes, Wesley P., Cleveland Heights, Ohio, assignor to General Electric Company. Cobalt-tungsten alloys. 2,050,865; Aug. 11.
- Sykes, Wilfred, Chicago, Ill. Rolling ferrous sheet material. 2,043,521; June 9.
- Sykes, Wilfred, Chicago, Ill., assignor, by mesne assignments, to Direct Current Welding Company. Electric welding of tubing. 2,059,824; Nov. 3.
- Sykes, William E. (See Try, Walter H., assignor.)
- Sykes, William E., Buffalo, N. Y. Gear generating machine. 2,029,398; Feb. 4.
- Sykes, William E., Buffalo, N. Y. Gear. 2,051,915; Aug. 25.
- Sylvan, Stig G. Son, assignor to American Air Filter Company, Inc., Louisville, Ky. Rotary dust separator. 2,039,127; Apr. 28.
- Sylvania Industrial Corporation. (See Bleibler, Ernest, assignor.)
- Sylvania Industrial Corporation. (See Joseph, Curt, assignor.)
- Sylvania Industrial Corporation. (See Morgan, Willard L., assignor.)
- Sylvania Industrial Corporation. (See Mulligan, Rex P., assignor.)
- Sylvania Industrial Corporation. (See Reichel, Frank H., assignor.)
- Sylvania Industrial Corporation. (See Wallach, R. N., and Schwarz, assignors.)
- Sylvania Industrial Corporation. (See Wickmann, Paul A., assignor.)
- Symank, Karl, Mittweida, Germany, assignor to Robert Arnold, London, England. Fuel heater for internal combustion engines. 2,048,977; July 28.
- Symes, Henry H. C., Guadalcanar, Solomon Islands. Barrel cleaning cartridge for firearms. 2,047,897; July 14.
- Symington Company, The. (See Barrows, Donald S., assignor.)
- Symington Company, The. (See Barrows, D. S., and Couch, assignors.)
- Symington Company, The. (See Couch, Glenn F., assignor.)
- Symington Company, The. (See Heffelfinger, Arthur E., assignor.)
- Symington Company, The. (See Smith, Harold K., assignor.)
- Symington-Gould Corporation, The. (See Kadel, Byers W., assignor.)
- Symington, R. & W. H., & Company Limited. (See Jackson, Roland T., assignor.)
- Symington, T. H., & Son, Inc. (See Drenning, Percy R., assignor.)
- Symington, T. H., & Son, Inc. (See Drenning, P. R., Ashley, and Casey, assignors.)
- Symon, Benjamin G. (See Eldridge, L. C., and Symon.)
- Symonds, Cleon W., Pasadena, Calif. Ultraviolet ray instrument. 2,056,990; Oct. 13.
- Symonds, Ralph F., Marblehead, assignor to New England Trawler Equipment Co., Boston, Mass. Motorized unit. 2,052,674; Sept. 1.
- Symons, William J., West Los Angeles, Calif. Valve cooling means. 2,063,106; Dec. 22.
- Synchrome Corporation. (See Wright, Walter L., assignor.)
- Synco Machine Company. (See Fantone, C. B., and Jameson, assignors.)
- Synco Sound, Inc. (See Murdock, Sidney A., assignor.)
- Syndergaard, Askan W., Copenhagen, Denmark. Tank for storage of liquids, especially hydrocarbons. 2,031,553; Feb. 18.
- Synnott, John E., Hartford, assignor to J. J. Synnott, West Hartford, Conn. Water heater. 2,038,807; Apr. 28.
- Synnott, John J. (See Synnott, John E., assignor.)
- Synthetic Products, Inc. (See Mnookin, Nathan M., assignor.)
- Syracuse Chilled Plow Co. (See Cook, Curtiss L., assignor.)
- Syracuse Chilled Plow Co. (See Spire, Sheldon S., assignor.)
- Syracuse Toolelectric Mfg. Corp. (See Sacrey, Elmer P., assignor.)
- Sywert, Philip T., Scotia, and J. L. Knight, Schenectady, N. Y., assignors to General Electric Company. Sliding cabinet shelf. 2,033,792; Mar. 10.
- Szabo, Gustave V., New York, N. Y. Ash receptacle. 2,029,139; Jan. 28.
- Szabó, Nickolaus, Bronx, N. Y. Spring key holder. 2,064,862; Dec. 22.
- Szabo, Stephen G. (See Rhead, C. C., and Szabo.)
- Szal, Jan, Warsaw, Poland. Synchronizing device for machine guns on aircraft. 2,027,755; Jan. 14.
- Szalay, Franz, Budapest, Hungary. Collector for electric current. 2,063,206; Dec. 8.
- Szayna, Antoni, Lwow, Poland, assignor to Sinclair Refining Company, New York, N. Y. Hydrogenation of hydrocarbons. 2,065,201; Dec. 22.
- Szegvari, Andrew. (See Albright, R. W., and Szegvari.)
- Szekely, Ernest, assignor to Bayley Blower Company, Milwaukee, Wis. Rotor for a blower. 2,044,028; June 16.
- Szelle, Charles, Astoria, N. Y., assignor to Atlas Revolving Door Corporation, New York, N. Y. Revolving door. 2,064,863; Dec. 22.
- Szymanowitz, Raymond, Hillside, N. J., assignors to Acheson Colloids Corporation. Matrix and coating composition therefor. 2,047,087; July 7.
- T. & P. Optical Co. (See Pappert, E. & Smith, assignors.)
- T. R. C. Corporation. (See Plauson, Hermann, assignor.)
- T. R. C. Corporation. (See Sommer, Albert, assignor.)
- Taber, Charlotte, B., Flushing, N. Y. Flower holder. 2,035,001; Mar. 24.
- Taber, Ralph F., North Tonawanda, N. Y. Apparatus for measuring stiffness of flexible materials. 2,063,275; Dec. 8.
- Taber, William T. (See Stevens, C. E., and Taber.)
- Taber, William T., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electroacoustic device. 2,039,856; May 5.
- Ta'Bois, Percival L., London, assignor of one-half to I. Tuckett, Cowes, Isle of Wight, England. Automatic calendar. 2,039,567; May 5.
- Taborsky, Frank G., Bellwood, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for testing electrical devices. 2,031,016; Feb. 18.
- Tabozzi, Giacinto, Milan, Italy. Flexible tube and union. 2,037,350; Apr. 14.
- Tachentschel, Hermann, Maschinenfabrik. (See Pracht, Rudolph, assignor.)
- Tackaberry, Robert D., Lewiston, Me. Stretcher and guider. 2,049,276; July 28.
- Taddiken, Ulrich A., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser. 2,040,963; May 19.
- Tade, Leroy A., Claremont, Calif. Trailer hitch coupling. 2,039,689; May 5.
- Tafel, Theodore, Jr., Ben Avon, Pa., assignor to Standard Sanitary Manufacturing Company. Dish-supporting rack. 2,039,362; May 5.
- Taferner, Joseph A., et al. (See Popovich, Nicholas, assignor.)
- Tagliabue, C. J., Mfg. Co. (See Wilhelm, Robert M., assignor.)
- Tagliabue, Charles J., Mfg. Co. (See Bast, F. J., and Skinner, assignors.)
- Tagliabue, Charles J., Mfg. Co. (See Erbguth, Paul F. K., assignor.)
- Tagliabue, Charles J., Mfg. Co. (See Fairchild, C. O., and Henderson, assignors.)
- Taguchi, Junzo, Yotsuya-ku, Tokyo-shi, Japan. Attachment for artificial teeth. 2,032,102; Feb. 25.
- Taheny, Thomas J., Pawtucket, R. I. Nonrefillable bottle. 2,042,367; May 26.
- Tahsler, Richard G., Cleveland, Ohio. Dancing doll toy. 2,066,239; Dec. 29.
- Tahvonen, Carl, and R. A. Wright, assignors to National Log Construction Co., Grayling, Mich. Building and log construction. 2,040,110; May 12.
- Tailleferre, Henri, Paris, France. Fluidtight coupling. 2,043,562; June 9.
- Tainton Research Corporation. (See Tainton, Uryln C., assignor.)
- Tainton, Uryln C., Baltimore, Md., assignor to Tainton Research Corporation. Laminated article. 2,042,030; May 26.
- Tainton, Uryln C., and F. W. Harris, Baltimore, Md., said Harris assignor to said Tainton. Cleaning ferrous articles. 2,063,529; Dec. 8.
- Tait, Francis, Jr., Philadelphia, Pa., assignor to Howard Hosiery Company, Sinking Spring, Pa. Safety point bar for flat knitting machines. 2,037,097; Apr. 14.
- Tait, Wilfred E. (See Cohn, I. E., and Tait.)



- Tait, William O., Jr., Crestwood, assignor to Sheldon Hydraulic Corporation, New York, N. Y. Steering mechanism for vehicles, etc. 2,048,978; July 28.
- Tajmal Limited. (See Pfaff, H. E., Shaffer, and Metherell, assignors.)
- Takahashi, Tatsumi, Higashi-Ku, Osaka, Japan. Pneumatic hammer testing machine. 2,035,729; Mar. 31.
- Takanashi, Masami, Tokyo, assignor of one-half to S. Furui, Yokohama, Japan. Rheostat. 2,058,525; Oct. 27.
- Takayanagi, Kenjiro. (See Nakashima, T., and Takayanagi.)
- Takens, Enno. (See Maschmeijer, A. J. H., and Takens.)
- Takeuchi, Nakaji. (See Tsutsumi, Yojo, assignor.)
- Talbot, Clement, Limited. (See Roesch, Georges H., assignor.)
- Talbot, Edwin R., Joliet, Ill. Battery testing device. 2,053,353; Sept. 8.
- Talbot, Frank A., Baltimore, Md., assignor to Quaker State Oil Refining Co. Combined filling closure and gauge rod. 2,029,345; Feb. 4.
- Talbot, Howard H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Reel. 2,028,422; Jan. 21.
- Talbot, Howard H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Roll chuck assembly for rolling mills of the backed-up working roll type. 2,042,871; June 2.
- Talbot, Howard H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Backing roll chuck latch. 2,042,872; June 2.
- Talbot, Howard H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Shear. 2,059,187; Oct. 27.
- Talbot, Kenneth H., Wauwatosa, Wis., and T. C. Thee, Omaha, Nebr. Machine for making roads. 2,046,417; July 7.
- Talbot, Richard J. (See Couture, Romeo J., assignor.)
- Talbot, William F. (See Esselen, G. J., and Talbot.)
- Talbot, Boone S., St. Paul, Minn. Collapsible windshield visor. 2,064,393; Dec. 15.
- Talbot, James E., Dobbs Ferry, assignor to Anaconda Wire & Cable Company, New York, N. Y. Stranded ribbon hanger. 2,059,825; Nov. 3.
- Talbot, Nelson S. (See Hochwalt, C. A., and Carmody, assignors.)
- Talbot, Nelson S. (See Hochwalt, C. A., and Thomas, assignors.)
- Talbot, Nelson S. (See Thomas, C. A., and Hochwalt, assignors.)
- Talen, Charles G. W., New Orleans, La. Building construction. 2,032,030; Feb. 25.
- Talking Weighing Machine Company, The. (See Brown, Frederick, assignor.)
- Tallerdy, Willard B., Bridgeport, Conn. Air brake system and bleeder valve therefor. 2,039,751; May 5.
- Talley, Bascom D., et al. (See Sturdevant, George L., assignor.)
- Talley, George D. (See McCord, Frank P., assignor.)
- Talley, Thurmon H., Little Falls, N. Y. Electric power attachment for typewriters. 2,036,659; Apr. 7.
- Tallmadge, Webster, & Company Inc. (See Serrell, John A., assignor.)
- Tallmadge, Webster, & Company Inc. (See Thomas, Herbert G., assignor.)
- Tallman, Gentry L. (See Tallman, L. R. and G. L.)
- Tallman, Leslie R. and G. L., Shelbyville, Ill. Combine baler. 2,038,809; Apr. 28.
- Tallman, Leslie R. and G. L., Shelbyville, Ill. Combination baler and mower. 2,055,677; Sept. 29.
- Tallmadge, Frank C. (See Tubbs, Ernest A., assignor.)
- Talon, Augustin, Bourg-la-Reine, France, assignor of one-half to Societe Anonyme des Pneumatiques Dunlop, Paris, France. Removable guiding device for automobile vehicles running on rails. 2,062,801; Dec. 1.
- Tamm, Rudolf, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, near Berlin, Germany. Apparatus for testing the running of timepieces. 2,050,866; Aug. 11.
- Tammen, Henry C. (See Howard, E. E., and Tammen.)
- Tammenoksa, Vaino. (See Korhonen, Toivo, assignor.)
- Tamper-Proof Seal Corporation. (See Squarey, Edward M., assignor.)
- Tampke, Hans. (See Schirmacher, K., Schaich, Wolfram, Tampke, Billig, and Schirmacher.)
- Tamsitt, Joseph C., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Elevator signal apparatus. 2,039,568; May 5.
- Tamsitt, Joseph C., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Electrical contactor. 2,061,391; Nov. 17.
- Tanaka, Soai, Sakyo-Ku, Kyoto, Japan. Manufacturing a cotton fiber-like material from straw. 2,065,877; Dec. 29.
- Tanasso, Vincent, Harrison and J. J. Pomeranz, Brooklyn, N. Y. Latch means for folding oxford eyeglasses. 2,046,708; July 7.
- Tanasso, Vincent, Harrison, and J. J. Pomeranz, Brooklyn, N. Y. Folding Oxford eyeglasses. 2,061,411; Nov. 17.
- Tanatar, Marc, Paris, France. Method and apparatus for developing sound record motion picture film. 2,036,442; Apr. 7.
- Tandy, Thomas Y., Stockton, Calif. Gas-tank cap lock. 2,054,145; Sept. 15.
- Tangen, Anthony, Detroit, Mich. Power take-off mechanism. 2,033,597; Mar. 10.
- Tangerman, William J., Hammond, Ind., assignor to Union Metal Products Company, Chicago, Ill. Railway car wall. 2,041,651; May 19.
- Tanner, Arnold J., North Haven, Conn. Container. 2,052,675; Sept. 1.
- Tanner, Arthur M., Pittsburgh, Pa. Burial casket. 2,050,675; Aug. 11.
- Tanner, James F., Bristol, England. Apparatus for delivering predetermined quantities of granular or pulverulent material. 2,046,220; June 30.
- Tanner, Philip A., assignor to Johnson Motor Company, Waukegan, Ill. Internal combustion engine. 2,058,526; Oct. 27.
- Tanner, Robert R., assignor to Metal Finishing Research Corporation, Detroit, Mich. Coated aluminum article and producing the same. 2,032,897; Mar. 3.
- Tanner, Robert R., Highland Park, and H. J. Lodeesen, assignors to Metal Finishing Research Corporation, Detroit, Mich. Method of and material for coating metal. 2,045,490; June 23.
- Tannewitz, Edward F., assignor to The Detroit Gasket and Manufacturing Company, Detroit, Mich. Window mounting. 2,052,585; Sept. 1.
- Tanning Process Company, The. (See Connor, John H., assignor.)
- Tanning Process Company, The. (See Merritt, Matthew M., assignor.)
- Tan-Sad Chair Company (1931) Limited, The. (See Gabb, Archibald H., assignor.)
- Tansley, George H. (See Moore, F. T., and Tansley.)
- Tansley, Leslie R. (See Townsend, J. S., and Tansley.)
- Tanzen, August, Dessau-Haideburg in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Film roll. 2,060,956; Nov. 17.
- Tanzi, Guido, Brooklyn, N. Y., assignor, by mesne assignments, to B. Filippone & Co. Inc., Passaic, N. J. Making dough forms and product. 2,029,684; Feb. 4.
- Tanzi, Guido, assignor to V. La Rosa & Sons, Inc., Brooklyn, N. Y. Macaroni die. 2,045,421; June 23.
- Tanzi, Guido, assignor to V. La Rosa & Sons, Inc., Brooklyn, N. Y. Macaroni die. 2,049,754; Aug. 4.
- Tanzi, Mario, Boston, Mass. Macaroni die. 2,062,338; Dec. 1.
- Taplin, Howard A., Kansas City, Mo. Needle bearing spring end mounting means. 2,037,156; Apr. 14.
- Taplin, Howard A., Kansas City, Mo. Needle bearing spring end mounting means. 2,042,811; June 2.
- Taplin, Manufacturing Company, The. (See Higgs, Melvin, assignor.)
- Tappan, Chester, New York, N. Y. Apparatus for maintaining a plurality of electrical devices in isochronism. 2,033,494; Mar. 10.
- Tappan, Chester, assignor to General Talking Pictures Corporation, New York, N. Y. Sound-on-film apparatus. 2,063,566; Dec. 8.
- Tappe, Wilhelm, Bucharest, Rumania. Apparatus for extinguish fires. 2,064,278; Dec. 15.
- Tarasuk, Michael, Hamtramck, Mich. Universal cutting tool. 2,043,679; June 9.
- Tarbox, John P., assignor to Budd Wheel Company, Philadelphia, Pa. Fixture for assembling rubber articulated joints. 2,031,797; Feb. 25.
- Tarbox, John P., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. System of control for electric spot welding. 2,034,275; Mar. 17.
- Tarbox, John P., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Railway vehicle tire. 2,039,498; May 5.
- Tarbox, John P., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sinuous seam weld and making same. 2,050,026; Aug. 4.
- Tarbox, Leslie E., North Reading, Mass. Lighting device for automobiles. 2,031,342; Feb. 18.
- Tarisien, Theophile, Livry-Gargan, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed controlled brake. 2,055,112; Sept. 22.
- Tarisien, Theophile, Livry-Gargan, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. High speed passenger brake. 2,061,883; Nov. 24.
- Tark, Marcus B., assignor to Link-Belt Company, Philadelphia, Pa. Sludge discharge collector. 2,052,676; Sept. 1.
- Tarkington, Harry K., assignor of one-half to S. M. Murlie, Los Angeles, Calif. Dynamic microphone. 2,031,678; Feb. 25.
- Tarkington, Wilson, assignor of one-half to S. J. Lucia, E. M. Lucia, and J. Matranga, Houston, Tex. Bailer. 2,040,413; May 12.
- Tarleton, Frederic L. (See Smith, R. T., and Tarleton.)
- Tarleton, Frederic L., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Refrigerator cabinet. 2,035,103; Mar. 24.
- Tarleton, Frederic L., Greenville, Mich., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Unloader valve for fluid compressors. 2,040,964; May 19.
- Tarleton, Frederic L., assignor to General Motors Corporation, Dayton, Ohio. Condenser for refrigerating apparatus. 2,057,505; Oct. 13.
- Tarlow, Isidor, Brockton, Mass. Bottom filler. 2,053,502; Sept. 8.
- Tarlowe, Joseph D., et al. (See Sobie, Sol, assignor.)



- Tarrant, Harold, Sydney, New South Wales, Australia. Window fastening device. 2,053,804; Sept. 8.
- Tarris, Frederick J., Silvertown, London, England, assignor to The India Rubber, Gutta Percha and Telegraph Works Company Limited, Aldwych, London, England. Aircraft wheel brake. 2,027,210; Jan. 7.
- Tartikoff, Morris, Brooklyn, N. Y. Attachment for wash suits. 2,035,002; Mar. 24.
- Tartikoff, Morris, Brooklyn, N. Y. Attachment for wash-suits. 2,059,826; Nov. 3.
- Tarvin, Cleo E., New York, and W. G. Dodge, Flushing, assignors to News Syndicate Co., Inc., New York, N. Y. Mechanism for measuring color change. 2,060,957; Nov. 17.
- Tashjian, Armen H., assignor to The Rivet-Grip Steel Co., Cleveland, Ohio. Fireproof metal-clad insulating plank. 2,059,664; Nov. 3.
- Tashjian, Armen H., and D. H. Holden, assignors, by mesne assignments, to The Rivet-Grip Steel Co., Cleveland, Ohio. Window construction. 2,051,754; Aug. 18.
- Tasker, Homer G., Douglaston, assignor to United Research Corporation, Long Island City, N. Y. Electrical network. 2,037,285; Apr. 14.
- Tasker, Homer G., Douglaston, assignor to United Research Corporation, Long Island City, N. Y. Film magazine. 2,061,177; Nov. 17.
- Tassie, William O., St. Boniface, Manitoba, assignor of one-half to J. A. Richardson, Winnipeg, Manitoba, Canada. Fountain pen. 2,027,656; Jan. 14.
- Tassio, Salvator, San Francisco, Calif. Guide. 2,057,281; Oct. 13.
- Tastenhoeye, Hubert, Vilvorde, Belgium. One wheeled trailer for automobiles and similar vehicles. 2,027,127; Jan. 7.
- Tate, Edward H., Malden, Mass. Mop. 2,028,883; Jan. 28.
- Tate, Kenneth L., assignor to Taylor Instrument Companies, Rochester, N. Y. Force-measuring device. 2,037,949; Apr. 21.
- Tate, Kenneth L., assignor to Taylor Instrument Companies, Rochester, N. Y. Regulator and recording regulator. 2,050,742; Aug. 11.
- Tatlow, Herbert E., Solihull, England. Hinge. 2,051,428; Aug. 18.
- Tatosian, Harry G., Bridgeport, Conn., assignor, by mesne assignments, to Ice Cream Cone Machine Corporation, New York, N. Y. Cake baking iron. 2,029,448; Feb. 4.
- Tatroe, Raymond F., Coffeyville, Kans. Root spray. 2,027,005; Jan. 7.
- Tatter, John W., Detroit, assignor of one-half to G. B. Ingersoll, Dearborn, Mich. Clutch. 2,040,034; May 5.
- Tatter, John W., Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Brake mechanism. 2,050,902; Aug. 11.
- Tatter, John W., Detroit, Mich., assignor, by mesne assignments, to Bendix Products Corporation, South Bend, Ind. Brake mechanism. 2,057,749; Oct. 20.
- Tatter, John W., Detroit, assignor, by mesne assignments, of one-half to Ella I. Ingersoll, Dearborn, Mich. Clutch. 2,057,802; Oct. 20.
- Tatter, John W., Detroit, Mich., assignor of one-half to George B. Ingersoll, Dearborn, Mich. Clutch. 2,057,803; Oct. 20.
- Tatter, John W., Detroit, assignor of one-half to G. B. Ingersoll, Dearborn, Mich. Clutch. 2,061,093; Nov. 17.
- Tatter, John W., Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,064,574; Dec. 15.
- Tatter, John W., Akron, Ohio, assignor, by mesne assignments, to Bendix Products Corporation, South Bend, Ind. Brake. 2,064,573; Dec. 15.
- Tatum, John J., Baltimore, Md. Car spring mounting. 2,029,644; Feb. 4.
- Tatum, John J., Baltimore, Md. Car body construction. 2,044,513; June 16.
- Tatum, John J., Baltimore, Md. Journal box bearing. 2,044,514; June 16.
- Tatum, John J., Baltimore, Md. Car body construction. 2,044,515; June 16.
- Tatum, John J., Baltimore, Md. Car roof structure. 2,055,055; Sept. 22.
- Tatzl, Hans, Vienna, Austria, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,036,163; Mar. 31.
- Taub, Alex. (See McMillin, R. M., and Taub.)
- Taub, Edward A., assignor to Gibraltar Corrugated Paper Co., Inc., North Bergen, N. J. Service device. 2,050,636; Aug. 11.
- Taub, Ludwig, and W. Kropp, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company Inc., New York, N. Y. N-Monoalkylated 5,5-disubstituted barbituric acids. 2,061,114; Nov. 17.
- Taube, Carl, Leverkusen-Wiesdorf, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azodyestuffs and intermediate products therefor. 2,054,397; Sept. 15.
- Taube, Carl, Leverkusen-I. G.-Werk, and J. Hilger, Leverkusen-Wiesdorf, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuffs. 2,026,920; Jan. 7.
- Taube, Carl, Leverkusen-I. G.-Werk, and E. Tietze, Cologne-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuffs and intermediate products therefor. 2,049,674; Aug. 4.
- Tauber, Joseph M., Chicago, Ill. Electric fan. 2,060,699; Nov. 10.
- Taubert, Herman, West Englewood, assignor of one-half to Joseph Arciere, Union City, N. J. Sewing machine. 2,058,271; Oct. 20.
- Tauf, Benjamin, assignor to I. S. Rosin, Chicago, Ill. Nursing bottle. 2,043,718; June 9.
- Taunton, Edmund M. (See Maley, A. W., and Taunton.)
- Tauschek, Gustav, assignor to International Business Machines Corporation, New York, N. Y. Machine for simulating hand-writing. 2,049,675; Aug. 4.
- Tauschek, Gustav, Vienna, Austria, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Machine for utilizing registration cards. 2,056,375; Oct. 6.
- Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Band saw guide. 2,032,233; Feb. 25.
- Tautz, Herbert E., assignor to the Delta Manufacturing Company, Milwaukee, Wis. Jointer fence adjustment. 2,037,286; Apr. 14.
- Tautz, Herbert E., assignor to The Delta Manufacturing Company, Milwaukee, Wis. Circular-saw machine. 2,038,810; Apr. 28.
- Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Trunnion. 2,040,718; May 12.
- Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Drill press head. 2,041,578; May 19.
- Tautz, Herbert E., assignor to The Delta Manufacturing Company, Milwaukee, Wis. Shaper. 2,045,422; June 23.
- Tautz, Herbert E., assignor to The Delta Manufacturing Company, Milwaukee, Wis. Chuck. 2,055,916; Sept. 29.
- Tavani, Gennaro, New York, N. Y. Article of jewelry. 2,046,754; July 7.
- Taveau, René de M., Newburgh, assignor to The Texas Company, New York, N. Y. Motor fuel. 2,034,643; Mar. 17.
- Taveau, René de M., Newburgh, assignor to The Texas Company, New York, N. Y. Manufacture of glycols. 2,041,272; May 19.
- Tavender, Walter K., Haworth, N. J. Sadiron. 2,055,678; Sept. 29.
- Taxner, Frank, Turtle Creek, Pa. Thermal cut-out switch. 2,060,836; Nov. 17.
- Taxner, Frank, Turtle Creek, Pa. Switch for electric circuits. 2,060,837; Nov. 17.
- Tay, George H., Philipsburg, assignor to Lee Metal Products Company, Inc. Center line scraper agitator. 2,027,756; Jan. 14.
- Taylor, Albert H., Washington, D. C., and L. C. Young, Hyattsville, Md. Oscillator. 2,029,346; Feb. 4.
- Taylor, Albert H., Washington, D. C. Crystal oscillator. 2,037,743; Apr. 21.
- Taylor, Allan R. (See Davidson, T., and Taylor.)
- Taylor, Alvin M., Montclair, N. J. Phenol recovery. 2,056,748; Oct. 6.
- Taylor, Arnold N., assignor to C. M. Hall Lamp Company, Detroit, Mich. Fluted headlight lens. 2,063,207; Dec. 8.
- Taylor, Arnold N., assignor to C. M. Hall Lamp Company, Detroit, Mich. Combined lens and reflector. 2,064,501; Dec. 15.
- Taylor, Arthur B., Pennant Hills, New South Wales, Australia. Bale ties. 2,035,351; Mar. 24.
- Taylor, Basil G. (See Earley, J. J., and Taylor.)
- Taylor, Britton M., Old Hickory, Tenn., assignor to Du Pont Rayon Company, New York, N. Y. Apparatus for production of artificial thread. 2,052,731; Sept. 1.
- Taylor, Burt E. (See Page, W., and Taylor.)
- Taylor, C. C. (See Schneringer, Frederick N., assignor.)
- Taylor, Carl R., Cleveland Heights, assignor to The Cream Cone Machine Company, Cleveland, Ohio. Cone rolling machine. 2,045,535; June 23.
- Taylor, Cecil H., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,060,909; Nov. 17.
- Taylor, Charles B. (See Crafts, I. M., and Taylor.)
- Taylor, Charles C. (See Taylor, Edmund R. and C. C., and Wadsworth.)
- Taylor, Charles C., Flushing, N. Y., assignor to American Telephone and Telegraph Company. Radio receiving circuits. 2,045,735; June 30.
- Taylor, Charles C., and A. L. Galloway, assignors to Tobacco By-Products and Chemical Corporation, Louisville, Ky. Anthelmintic. 2,033,495; Mar. 10.
- Taylor, Charles H., North Canton, Ohio. Heat treating and torch therefor. 2,065,627; Dec. 29.
- Taylor, Charles H., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,027,938; Jan. 14.
- Taylor, Charles L., Biglerville, Pa. Apple packing device. 2,028,300; Jan. 21.
- Taylor, Charles L., Biglerville, Pa. Shipping crate. 2,028,301; Jan. 21.
- Taylor, Claude C., Whittier, Calif. Well cleaner. 2,052,006; Aug. 25.
- Taylor, Clyde A., Chicago, Ill., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake device. 2,040,451; May 12.
- Taylor & Company. (See Taylor, John M., assignor.)
- Taylor, Constance P., Brooklyn, N. Y. Push-back curtain and drapery hook. 2,037,098; Apr. 14.
- Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Remote control system. 2,028,110; Jan. 14.



- Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,029,513; Feb. 4.
- Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,038,067; Apr. 21.
- Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Indicating and controlling system. 2,048,653; July 21.
- Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control system. 2,064,231; Dec. 15.
- Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control method and means. 2,065,835; Dec. 29.
- Taylor, Don L., Winters, assignor of fifty-one per cent to Lambert Marketing Co., Sacramento, Calif. Packing fresh vegetables. 2,052,854; Sept. 1.
- Taylor, Donald D., assignor to Advance Engineering Corporation, Duncannon, Pa. Highway marker. 2,036,373; Apr. 7.
- Taylor, Dudley F., Indianapolis, Ind., assignor to Continental Optical Company, Inc., Rochester, N. Y. Device for securing or separating parts held together by a fusible material. 2,041,978; May 26.
- Taylor, Earl E., assignor to F. E. Taylor, Lynn, Mass. Safety razor. 2,046,709; July 7.
- Taylor, Edmund R., Mount Vernon, C. C. Taylor, Flushing, and P. W. Wadsworth, Elmhurst, said Wadsworth assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., and said E. R. Taylor and C. C. Taylor assignors to American Telephone and Telegraph Company. Signaling system for radiotelephones. 2,064,958; Dec. 22.
- Taylor, Edward A., Shaker Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Zinc chloride base flux. 2,031,913; Feb. 25.
- Taylor, Edward H. (See Taylor, James H., and E. H.)
- Taylor, Edward H., Oak Park, Ill. Welding. 2,031,138; Feb. 18.
- Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Electric fuse. 2,030,613; Feb. 11.
- Taylor, Ernest W., assignor to Industrial Brownhoist Corporation, Bay City, Mich. Car dumper retarding mechanism. 2,038,811; Apr. 28.
- Taylor, Eugene S., Chicago, Ill. Torque motor. 2,030,277; Feb. 11.
- Taylor, Eugene S., Chicago, Ill. Parking apparatus. 2,031,392; Feb. 18.
- Taylor, Eugene V., Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,051,916; Aug. 25.
- Taylor, Eugene V., Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. 2,064,575; Dec. 15.
- Taylor, Fannie E. (See Taylor, Earl E., assignor.)
- Taylor, Francis M. (See Brooks, W. H., and Taylor.)
- Taylor, Frank J., Los Altos, Calif. Sanitary cover. 2,062,949; Dec. 1.
- Taylor, Frederick J. (See Sumner, H. C., Taylor, and Langley.)
- Taylor, Gavin R., Montreal West, Quebec, and R. N. Smith, Toronto, Ontario, assignors to McColl-Frontenac Oil Co. Limited, Montreal, Quebec, Canada. Solid lubricant. 2,038,688; Apr. 28.
- Taylor, Gavin R., Montreal West, Quebec, and R. N. Smith, Toronto, Ontario, assignors to McColl-Frontenac Oil Co. Limited, Montreal, Quebec, Canada. Solid lubricant. 2,038,689; Apr. 28.
- Taylor, George, Penwortham, Preston, England. Safety razor. 2,040,345; May 12.
- Taylor, George, Penwortham, Preston, England. Safety razor. 2,046,006; June 30.
- Taylor, George E., Westfield, N. J., assignor to General Chemical Company, New York, N. Y. Manufacture of phosphates. 2,028,632; Jan. 21.
- Taylor, George F., Schenectady, N. Y., assignor to General Electric Company. Laminated cemented carbide tool bit. 2,053,977; Sept. 8.
- Taylor, George H., Norfolk, assignor to Metallic Tag Company, Richmond, Va. Marking tag. 2,061,215; Nov. 17.
- Taylor, H. Birchard, et al. (See Gaines, Eugene F., assignor.)
- Taylor, Halsey W., Company, The. (See Peik, Paul G., assignor.)
- Taylor, Harry, Springfield, Mass. Dishwashing device. 2,054,307; Sept. 15.
- Taylor, Henry R., Okemah, Okla. Guard cap. 2,029,955; Feb. 4.
- Taylor, Herbert B., Rochester, N. Y. Card game board. 2,049,181; July 28.
- Taylor, Herbert B., assignor to General Railway Signal Company, Rochester, N. Y. Emergency operator for railway traffic controlling devices. 2,045,930; June 30.
- Taylor, Herbert B., assignor to General Railway Signal Company, Rochester, N. Y. Mechanical brake for railway switch machines. 2,051,400; Aug. 18.
- Taylor, Herbert J. (See Alfreds, Torris H., assignor.)
- Taylor Instrument Companies. (See Bandoly, Erich, assignor.)
- Taylor Instrument Companies. (See Brown, H. Brainard, assignor.)
- Taylor Instrument Companies. (See Clawson, Albert E., assignor.)
- Taylor Instrument Companies. (See De Mers, Clayton D., assignor.)
- Taylor Instrument Companies. (See Foote, Edward B., assignor.)
- Taylor Instrument Companies. (See Herrmann, Louis G., assignor.)
- Taylor Instrument Companies. (See Hubbard, Karl H., assignor.)
- Taylor Instrument Companies. (See Hubbard, K. H., and Clarridge, assignors.)
- Taylor Instrument Companies. (See Hurlburt, Edward N., assignor.)
- Taylor Instrument Companies. (See Newell, F. B., and Mason, assignors.)
- Taylor Instrument Companies. (See Norwood, Harry Y., assignor.)
- Taylor Instrument Companies. (See Olson, Raymond E., assignor.)
- Taylor Instrument Companies. (See Smith, Lawrence E., assignor.)
- Taylor Instrument Companies. (See Tate, Kenneth L., assignor.)
- Taylor Instrument Companies. (See Vogt, William H., assignor.)
- Taylor Instrument Companies. (See Widmer, Jules A., assignor.)
- Taylor, Jack F. M., San Francisco, B. S. Greensfelder, Wilmington, and R. N. Shiras, Long Beach, assignors to Shell Development Company, San Francisco, Calif. Manufacturing motor fuel. 2,055,455; Sept. 22.
- Taylor, James, Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Blasting charge. 2,038,772; Apr. 28.
- Taylor, James, Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Blasting charge. 2,046,194; June 30.
- Taylor, James, Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Blasting charge. 2,048,827; July 28.
- Taylor, James G., Dayton, Ohio. Projectile. 2,044,819; June 23.
- Taylor, James H., Oak Park, Ill. Valve housing and making same. 2,065,035; Dec. 22.
- Taylor, James H. and E. H., Oak Park, Ill. Valve construction. 2,065,628; Dec. 29.
- Taylor, James S. (See Smith, J. C., and Taylor.)
- Taylor, James S., Tulsa, Okla. Oil well tubing wrench. 2,028,737; Jan. 21.
- Taylor, James S., Tulsa, Okla. Well clean-out tool. 2,061,489; Nov. 17.
- Taylor, James W., San Antonio, Tex. Automatic control valve. 2,054,916; Sept. 22.
- Taylor, John J., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Vibration damper and process of assembly. 2,028,930; Jan. 28.
- Taylor, John J., Barberton, Ohio, assignor to The Ohio Brass Company, Mansfield, Ohio. Support for conductors. 2,031,235; Feb. 18.
- Taylor, John J., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Trimmer. 2,036,241; Apr. 7.
- Taylor, John J., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Strain yoke for electrical conductors. 2,039,499; May 5.
- Taylor, John J., Wadsworth, assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 2,028,931; Jan. 28.
- Taylor, John J., Wadsworth, assignor to The Ohio Brass Company, Mansfield, Ohio. Cable clamp. 2,031,236; Feb. 18.
- Taylor, John J., Wadsworth, assignor to The Ohio Brass Company, Mansfield, Ohio. Assembling insulators. 2,039,500; May 5.
- Taylor, John J., Wadsworth, assignor to The Ohio Brass Company, Mansfield, Ohio. Trunnion clamp for conductors. 2,039,501; May 5.
- Taylor, John J., Wadsworth, assignor to The Ohio Brass Company, Mansfield, Ohio. Insulating support. 2,058,643; Oct. 27.
- Taylor, John J., Wadsworth, assignor to The Ohio Brass Company, Mansfield, Ohio. Cable clamp. 2,059,413; Nov. 3.
- Taylor, John J., Wadsworth, assignor to The Ohio Brass Company, Mansfield, Ohio. Clamp. 2,061,371; Nov. 17.
- Taylor, John J., Wadsworth, assignor to The Ohio Brass Company, Mansfield, Ohio. Vibration damper. 2,064,636; Dec. 15.
- Taylor, John L., Milwaukee, Wis. Dynamometer. 2,035,576; Mar. 31.
- Taylor, John L., Milwaukee, Wis. Blower. 2,037,402; Apr. 14.
- Taylor, John L., Milwaukee, Wis. Flexible shaft coupling. 2,041,218; May 19.
- Taylor, John L., Milwaukee, Wis. Scavenging tappet. 2,047,446; July 14.
- Taylor, John L., Milwaukee, Wis. Slicing machine and stringer. 2,051,352; Aug. 18.
- Taylor, John L., Milwaukee, Wis. Insulating piston structure. 2,058,741; Oct. 27.
- Taylor, John L., Milwaukee, Wis. Static balancing machine. 2,060,958; Nov. 17.
- Taylor, John L., Milwaukee, Wis. Atomizer. 2,063,709; Dec. 8.
- Taylor, John L., West View, Pa. Hatch construction. 2,061,337; Nov. 17.



- Taylor, John M., Villanova, assignor to Taylor & Company, Inc., Norristown, Pa. Nonmetallic gear, pulley, or the like, and producing the same. 2,037,440; Apr. 14.
- Taylor, John M., Villanova, assignor, to Taylor & Company, Norristown, Pa. Nonmetallic gear, pulley, and the like. 2,061,815; Nov. 24.
- Taylor, Joseph H., Huddersfield, England. Electrical heating system for buildings. 2,042,742; June 2.
- Taylor, Joseph I., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Thread and/or fabric. 2,042,437; May 26.
- Taylor, Kenneth. (See Shoemaker, B. H., and Taylor.)
- Taylor, Marvin M. (See Lavigne, Michael A. S., assignor.)
- Taylor, Maurice H., Stoneham, assignor to Merrimac Chemical Company, Everett, Mass. Corrosion inhibitor. 2,060,138; Nov. 10.
- Taylor, Norman H., Singapore, Straits Settlements. Method of and apparatus for measuring the resistance to deformation of asphalt paving and other materials. 2,036,443; Apr. 7.
- Taylor, Reginald, Didsbury, Manchester, and J. K. Byrom, Levenshulme, Manchester, assignors to The Renold and Coventry Chain Company Limited, Didsbury, Manchester, England. Driving chain joint and making same. 2,033,361; Mar. 10.
- Taylor, Robert B., assignor to Hawaiian Canneries Company, Ltd., Kapaa, Hawaii. Automatic pineapple machine. 2,034,160; Mar. 17.
- Taylor, Robert B. M., assignor, by mesne assignments, to Paralex Corporation, Newark, N. J. Bookbinding machine. 2,046,278; June 30.
- Taylor, Robert B. M., assignor, by mesne assignments, to Paralex Corporation, Newark, N. J. Book. 2,058,272; Oct. 20.
- Taylor, Scelt E. (See Engman, R. F., and Taylor.)
- Taylor, Scott V. E., Detroit, Mich. Hydraulic transmission. 2,055,510; Sept. 29.
- Taylor, Wallace, Pawtucket, R. I., assignor to The Textile-Finishing Machinery Company. Textile finishing machine. 2,058,369; Oct. 20.
- Taylor, Warren G., Chicago, Ill. Illuminating lamp. 2,037,099; Apr. 14.
- Taylor-Wharton Iron & Steel Company. (See Andrews, Charles B., assignor.)
- Taylor-Wharton Iron & Steel Company. (See Hanks, George R., assignor.)
- Taylor-Wharton Iron & Steel Company. (See Stires, William H., assignor.)
- Taylor-Wharton Iron & Steel Company. (See Welch, Arthur R., assignor.)
- Taylor, William, assignor to Kapella Limited, Leicester, England. Screw mechanisms for focusing optical instruments or for other purposes. 2,053,231; Sept. 1.
- Taylor, William A. (See Dreyfus, H., Dickie, and Taylor.)
- Taylor, William C., assignor to Corning Glass Works, Corning, N. Y. High electrical resistant soft glass composition. 2,038,690; Apr. 28.
- Taylor, William C., assignor to Corning Glass Works, Corning, N. Y. Glass resistant to alkali metal vapors and making it. 2,038,691; Apr. 28.
- Taylor, William E., East Orange, N. J., assignor to American Can Company, New York, N. Y. Method and apparatus for purifying oil in tin coating machines. 2,026,598; Jan. 7.
- Taylor, William H., Muskego, assignor to The Vilter Manufacturing Company, Milwaukee, Wis. Machine for producing congealed substances. 2,054,841; Sept. 22.
- Taylor, William H., Muskego, Wis., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Ice making machine. 2,063,770; Dec. 8.
- Taylor, William H., Muskego, Wis., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Ice machine. 2,063,771; Dec. 8.
- Taylor, William I. (See Dickie, W. A., and Taylor, assignors.)
- Taylor, William I. (See Dreyfus, H., and Taylor.)
- Taylor, William I. (See Dreyfus, H., Dickie, and Taylor.)
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of artificial materials. 2,030,189; Feb. 11.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of artificial materials. 2,031,798; Feb. 25.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Treatment of textile materials. 2,032,603; Mar. 3.
- Taylor, William I., Spondon, near Derby, assignor to Celanese Corporation of America. Artificial filament, yarn or thread. 2,034,008; Mar. 17.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Treatment of filaments, threads, and the like. 2,034,009; Mar. 17.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of textile materials. 2,036,838; Apr. 7.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of staple fiber. 2,037,835; Apr. 21.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation. Production of artificial materials. 2,041,798; May 26.
- Taylor, William Ivan, Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of artificial filaments. 2,042,743; June 2.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of artificial textile materials. 2,044,135; June 16.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Treatment and manufacture of artificial yarns, threads, filaments, and the like. 2,044,136; June 16.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of artificial materials. 2,045,377; June 23.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Process and apparatus for the manufacture of artificial materials. 2,058,527; Oct. 27.
- Taylor, William I., Spondon, near Darby, England, assignor to Celanese Corporation. Manufacture of artificial products. 2,065,766; Dec. 29.
- Taylor, William I., and A. H. Woodruff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Apparatus for feeding and winding textile threads. 2,031,799; Feb. 25.
- Taylor, William I., and J. W. Grebby, Spondon, near Derby, England, assignors to Celanese Corporation of America. Artificial textile material. 2,064,279; Dec. 15.
- Taylor, William M., Andover, Mass. Shuttle. 2,036,660; Apr. 7.
- Taylor, William P., Colorado Springs, Colo. Crumbless bread knife. 2,059,414; Nov. 3.
- Taylor, William T., Elkins Park, Pa., assignor to George D. Ellis and Sons, Incorporated. Art of working sheet metal. 2,059,292; Nov. 3.
- Tayton Company. (See Durrant, Fred A., assignor.)
- Tazelaar, Josiah, Grand Rapids, Mich. Game table. 2,035,204; Mar. 24.
- Tea, Clark A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Weather strip. 2,060,353; Nov. 10.
- Teague, Merwyn C., Jackson Heights, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Playing surface. 2,054,527; Sept. 15.
- Teague, Walter D., New York, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Camera construction. 2,059,827; Nov. 3.
- Teahen, James M., Detroit, Mich. Water closet. 2,028,027; Jan. 14.
- Teahen, James M., Detroit, Mich. Water closet seat and cover. 2,037,287; Apr. 14.
- Teahen, James M., Detroit, Mich. Flow regulating control valve for plumbing fixtures. 2,059,760; Nov. 3.
- Teamer, Richard B., Somerville, N. J. Bottle stopper. 2,048,525; July 21.
- Tear, Harry R., Evanston, Ill. Lubricating device. 2,055,596; Sept. 29.
- Tear, Harry R., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,036,509; Apr. 7.
- Tear, Harry R., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,046,418; July 7.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,049,182; July 28.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Motor vehicle lift. 2,052,118; Aug. 25.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Motor vehicle lift. 2,052,119; Aug. 25.
- Tear, Harry R., Evanston, Ill., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,061,743; Nov. 24.
- Tear, Harry R., Evanston, Ill., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,063,409; Dec. 8.
- Tear, Harry R., Evanston, Ill., assignor to The Lubrication Corporation. Lubricating device. 2,063,410; Dec. 8.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,063,411; Dec. 8.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,063,412; Dec. 8.
- Tear, Harry R., and H. C. Roth, assignors to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,042,744; June 2.
- Tear, James D. (See Poitras, E. J., and Tear.)
- Teare, Benjamin R., Jr., Schenectady, N. Y., assignor to General Electric Company. Electric control circuits. 2,043,844; June 9.
- Teare, Robert C., Evanston, assignor to O-Cedar Corp'n., Chicago, Ill. Mop handle support. 2,064,502; Dec. 15.
- Teare, William H., Schenectady, N. Y., assignor to General Electric Company. Seal for electric discharge devices. 2,050,867; Aug. 11.
- Tears, Claude F., Mountain Lakes, N. J., assignor to The Petroleum Processes Corporation, Wichita, Kans. Pump for compressed liquefied gases. 2,028,531; Jan. 21.
- Tears, Claude F., Warren, Pa., assignor to The Petroleum Processes Corporation, Wichita, Kans. Dewaxing and partially decolorizing petroleum lubricating stock. 2,049,277; July 28.



- Teats, Roscoe, Denver, Colo., assignor to American Smelting and Refining Company, New York, N. Y. Separating zinc and cadmium in sulphate solution. 2,038,969; Apr. 28.
- Teats, Roscoe, Denver, Colo., assignor to American Smelting and Refining Company, New York, N. Y. Recovering thallium. 2,060,453; Nov. 10.
- Tebo, Gordon B., and J. C. Burkholder, Toronto, Ontario, Canada. Hight potential indicator. 2,061,115; Nov. 17.
- Tebo, Julian D. (See Swart, L. K., and Tebo.)
- Tebo, William A., Anthony, R. I., assignor to Draper Corporation, Hopedale, Mass. Shuttle. 2,058,190; Oct. 20.
- Tebo, William A., Anthony, R. I., assignor to Draper Corporation, Hopedale, Mass. Automatically threading loom shuttle. 2,064,362; Dec. 15.
- Tebo, William A., Anthony, R. I., assignor to Draper Corporation, Hopedale, Mass. Shuttle for automatic looms. 2,064,363; Dec. 15.
- Techmer, Ewald F., assignor to William E. Bucholz, Chicago, Ill., as trustee. Propeller blade. 2,053,851; Sept. 8.
- Technicolor, Inc. (See Ames, Malcolm H., assignor.)
- Technicolor, Inc. (See Clark, Arthur B., assignor.)
- Technicolor, Inc. (See Troland, Leonard T., assignor.)
- Technicolor Motion Picture Corporation. (See Ames, M. H., and Troland, assignors.)
- Technicolor Motion Picture Corporation. (See Burbank, Benjamin B., assignor.)
- Technicolor Motion Picture Corporation. (See Rackett, Gerald F., assignor.)
- Technicolor Motion Picture Corporation. (See Whittaker, Lloyd E., assignor.)
- Technicraft Engineering Corp. (See Haines, Marcus W., assignor.)
- Technicraft Engineering Corporation. (See Johnston, Mordica O., assignor.)
- Technicraft Engineering Corporation, The. (See Lane, Wilfred G., assignor.)
- Technicraft Engineering Corp., The. (See Meyer, Gerhard, assignor.)
- Technicraft Engineering Corp., The. (See Spencer, Lloyd, assignor.)
- Technicraft Engineering Corporation. (See Tilbury, L. C., and Turechek, assignors.)
- Technicraft Engineering Corp. (See Turechek, George F., assignor.)
- Technicraft Engineering Corporation, The. (See Wells, Walter T., assignor.)
- Technicraft Engineering Corp., The. (See Wells, W. T., and Smith, assignors.)
- Tedman, William F. (See Broadway, L. F., and Tedman.)
- Teed, Oren F., Los Angeles, Calif. Carburetor. 2,042,913; June 2.
- Tees, James E. (See Grinstead, W. H., and Tees.)
- Teeter, Wilford H. (See Aseltine, F. E., Kindl, and Teeter.)
- Teeter, Wilford H., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,035,770; Mar. 31.
- Teetor, Charles N., Hagerstown, Ind. Dumping vehicle. 2,033,209; Mar. 10.
- Teetor, Charles N., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring expander. 2,044,451; June 16.
- Teetor, Charles N., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring and expander structure. 2,053,384; Sept. 8.
- Teetor, Macy O., Newcastle, assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring structure. 2,064,576; Dec. 15.
- Teetor, Ralph J., Cadillac, Mich. Clamp. 2,037,184; Apr. 14.
- Tefag Textil-Finanz A.-G. (See Rossmann, Rudolf, assignor.)
- Tefft, Erving W. (See Jackson, D. D., and Tefft.)
- Tefft, Ivan D., assignor to The Parker Pen Company, Janesville, Wis. Fountain pen. 2,031,343; Feb. 18.
- Teichmann, Charles F., assignor to The Texas Company, New York, N. Y. Treating alkaline solutions. 2,036,839; Apr. 7.
- Teidemann, Clinton C., assignor of one-third to W. W. Austin, and one-third to F. A. Murrmann, South Bend, Ind. Door mat. 2,031,867; Feb. 25.
- Teisberg, Henry A., Cottage Grove, Wis. Ensilage distributor. 2,040,506; May 12.
- Teissèdre, Gustave, Strassburg-Alsace, France. Typewriter. 2,044,550; June 16.
- Teitelbaum, Louis N. (See Sarringar, William J., assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Ekman, Olof I. H., assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Käll, Alfred, assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Vos, M., and Stålemark, assignors.)
- Telefonograph-Patentverwertungs-Gesellschaft m. b. H. (See Neumann, Leopold, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Anders, Guido, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Bartels, Hans, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Bechmann, Rudolf, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Berndt, W., and Gothe, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Böhm, Otto, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Böhm, O., and Osnos, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Buschbeck, Werner, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Cohn, Henny, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Engel, Hans G., assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Engel, H.-G., and Ulrich, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Fetterowsky, E., and Lux, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Friedrich, Hans, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gothe, Albrecht, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gothe, A., and Roosenstein, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gürtler, Rudolf, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gutmann, Herbert, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hagen, Gerhard B., assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hammer, A., and Schäfer, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Heegner, Kurt, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hensel, B., Hess, and Richter, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hermanspann, Paul, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie M. b. H. (See Herriger, Felix, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hofer, R., and Kummerer, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hollman, Hans E., assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Huber, W., and Roosenstein, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Jobst, Gunther, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Jobst, G., and Roosenstein, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Jobst, G., and Rothe, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Jobst, G., and Sammer, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kautter, Wolfgang, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H. (See Kautter, W., and Roosenstein, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Klotz, E., and Roosenstein, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Knoll, Max, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kotowski, Paul, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kühle, Wilhelm E., assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kühle, W. E., Prinz, and Herriger, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kummerer, Wilhelm, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Leib, August, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Leib, A., and Scharlau, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Leifer, G., and Weeber, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Lissauer, Herbert, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Lucas, Kurt, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Michelssen, Fritz, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Moser, Wilhelm, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Mueller, Paul, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Muth, Herbert, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Osnos, Mendel, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Pohontsch, Max, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Prinz, Dietrich, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Prinz, D., and Roosenstein, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Prinz, D., and Wehnert, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rechnitzer, Rudolf, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Roder, Hans, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rohnfeld, Johannes, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Roosenstein, Hans O., assignor.)



- Telefunken Gesellschaft für drahtlose Telegraphie m. b. H. (See Roosenstein, H. O., and Runge, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Roosenstein, H. O., Kautter, and Rothe, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie M. b. H. (See Rothe, Horst, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Runge, Wilhelm, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Runge, W., and Gothe, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Runge, W., and Pohontsch, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. h. H. (See Saar, Franz, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schapira, Carl, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Scharlau, Hans, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schmidt, Arthur, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schriever, Otto, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröter, Fritz, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Steimel, Karl, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Steimel, K., and Klotz, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Urtel, Rudolf, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Urtel, R., and Steimel, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie, G. m. b. H. (See von Arco, G., and Schröter, assignors.)
- Telefunken Gesellschaft für Drahtlose, Telegraphie m. b. H. (See Walter, Ludwig, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Wilhelm, Karl, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Wilhelm, K., and Klotz, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Winkler, Johannes, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie M. b. H. of Berlin. (See Leib, August, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie mit beschränkter Haftung. (See Bahler, Justus, assignor.)
- Telephon-Apparat-Fabrik E. Zwietsch & Co. C. m. b. H. (See Biniek, Georg, assignor.)
- Telephonics Corporation. (See Weidenman, William T., assignor.)
- Teleradio Engineering Corporation. (See Ketcham, Lyman G., assignor.)
- Teleregister Corp., The. (See Frischknecht, E., and Abeglen, assignors.)
- Teleregister Corporation, The. (See Haselton, Merton L., assignor.)
- Teleregister Corporation, The. (See Hicks, Raymond M., assignor.)
- Teleregister Corporation, The. (See Hicks, R. M., and Stratton, assignors.)
- Teleregister Corporation, The. (See Whitney, Charles S., assignor.)
- Teleregister Corporation, The. (See Whitney, C. S., and Quinby, assignors.)
- Telescope Folding Furniture Company. (See Parry, Amos G., assignor.)
- Teleswitch Corporation. (See Gibbs, Leon M., assignor.)
- Teletype Corporation. (See Bracken, S., and Goetz, assignors.)
- Teletype Corporation. (See Burcky, Charles W., assignor.)
- Teletype Corporation. (See Carr, John O., assignor.)
- Teletype Corporation. (See Corswandt, R. H., and Zenner, assignors.)
- Teletype Corporation. (See Goetz, Maurus T., assignor.)
- Teletype Corporation. (See Kleinschmidt, Edward E., assignor.)
- Teletype Corporation. (See Kleinschmidt, Edward E., and E. F.)
- Teletype Corporation. (See Krum, Howard L., assignor.)
- Teletype Corporation. (See Krum, H. L., and Zenner, assignors.)
- Teletype Corporation. (See Larson, Edward S., assignor.)
- Teletype Corporation. (See Potts, Louis M., assignor.)
- Teletype Corporation. (See Rickerson, Frank H., assignors.)
- Teletype Corporation. (See Thienemann, Rolf A., assignor.)
- Teletype Corporation. (See Walden, Lester M., assignor.)
- Teletype Corporation. (See Zenner, Walter J., assignor.)
- Television Laboratories, Ltd. (See Farnsworth, Philo T., assignor.)
- Telgmann, Bernhard, Dortmund-Barop, Germany. Mechanically moved grate. 2,043,719; June 9.
- Tell, David E., San Francisco, Calif. Method and apparatus for measuring and controlling absolute pressure. 2,040,284; May 12.
- Tellegen, Bernardus D. H. (See Holst, G., and Tellegen.)
- Tellegen, Bernardus D. H., Eindhoven, Netherlands, assignor to Radio Corporation of America. Circuit arrangement for coupling a tuned circuit with a tube. 2,047,524; July 14.
- Tellegen, Bernardus D. H., Eindhoven, Netherlands, assignor to Radio Corporation of America. Radio receiving system. 2,054,528; Sept. 15.
- Teller, Jacob, New Rochelle, assignor to Teller Stove Designing Corporation, New York, N. Y. Constructing stoves and ranges. 2,030,772; Feb. 11.
- Teller, Jacob, New Rochelle, assignor to Teller Stove Designing Corporation, New York, N. Y. Stove and range construction. 2,040,346; May 12.
- Teller, Jacob, New Rochelle, and A. P. Schulz, assignors to Teller Stove Designing Corporation, New York, N. Y. Cooking range construction. 2,029,449; Feb. 4.
- Teller, Jacob, New Rochelle, and A. P. Schulz, Rockford, Ill., assignors to Teller Stove Designing Corporation, New York, N. Y. Range construction. 2,044,516; June 16.
- Teller, Jacob, New Rochelle, N. Y., and A. P. Schulz, Rockford, Ill., assignors to Teller Stove Designing Corporation, New York, N. Y. Cooking stove and range construction. 2,058,191; Oct. 20.
- Teller, Spencer J., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure means. 2,054,012; Sept. 8.
- Teller Stove Designing Corporation. (See Teller, Jacob, assignor.)
- Teller Stove Designing Corporation. (See Teller, J., and Schulz, assignors.)
- Teller, W. Kedzie, assignor to Weco Products Company, Chicago, Ill. Treating bristles. 2,055,321; Sept. 22.
- Teller, W. Kedzie, assignor to Weco Products Company, Chicago, Ill. Treating bristles. 2,055,322; Sept. 22.
- Teller, William R. (See Jones, E. D., and Teller.)
- Teller, William R., Bayside, A. Frankenthaler, New York, and W. S. Todd, Manhasset, assignors to Non-Slip Fastener Inc., New York, N. Y. Garment clip. 2,036,242; Apr. 7.
- Telsit Insulation Corporation. (See Leppik, Johannes, assignor.)
- Telson, David, and E. D. Resnik, Brooklyn, N. Y. Blood pressure testing means. 2,053,383; Sept. 8.
- Telumigraph Company. (See Rustad, Louis L., assignor.)
- Temperli, Edward D., St. Louis, Mo., assignor, by mesne assignments, to Tray Service Company, Dallas, Tex. Serving tray. 2,049,386; July 28.
- Temple, Arthur H., West Hollywood, assignor of one-half to Joseph Herzstam, Los Angeles, Calif. Fastener. 2,035,028; Mar. 24.
- Temple, George W., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Machine for testing collapsible tubes. 2,061,744; Nov. 24.
- Temple, Leonard B. (See Jacob, J. A. W., and Temple.)
- Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Regulating valve. 2,038,013; Apr. 21.
- Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Regulator. 2,049,549; Aug. 4.
- Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Fluid controlling and distributing apparatus. 2,064,864; Dec. 22.
- Temple, Robert, Jr., Brooklyn, N. Y. Forming bonds. 2,038,913; Apr. 28.
- Temple, Robert, Jr., assignor to Robert Temple, Inc., Denver, Colo. Compressing device. 2,030,803; Feb. 11.
- Temple, Robert, Jr., Pittsburgh, Pa. Method and apparatus for forming joints. 2,064,129; Dec. 15.
- Temple, Robert, Jr., Brooklyn, N. Y. Cartridge. 2,064,503; Dec. 15.
- Temple, Robert, Inc. (See Temple, Robert, Jr., assignor.)
- Templeton, Bryce O., Queens Village, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Forming containers. 2,055,185; Sept. 22.
- Templeton, Edwin G., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Collapsible chuck. 2,043,937; June 9.
- Templeton, James C., London, England. Optical system for observing displacement or deflection in connection with measuring instruments. 2,038,914; Apr. 28.
- Templeton, Kenly & Co. Limited. (See Neher, Charles, assignor.)
- Templin, Justin D., Jr., Whitefish, Mont. Tree holder. 2,044,192; June 16.
- Templin, Richard L., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Preparing metal stock and apparatus therefor. 2,029,800; Feb. 4.
- Templin, William, Glen Ellyn, assignor to Briede & Rogovsky, Inc., Chicago, Ill. Advertising window illumination. 2,029,841; Feb. 4.
- Temprite Products Corporation. (See Kellogg, Herbert C., assignor.)
- Tenderet Corporation. (See Hintz, John C., assignor.)
- Tendler, David, Malvern, Pa. Gate latch. 2,062,073; Nov. 24.
- Tengel, Louis, Geneva, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Artificial bait. 2,032,819; Mar. 3.
- Tennant, G. H., Company. (See Hale, Lloyd, assignor.)
- Tennant, G. H., Company. (See Pennock, E. M., and Hale, assignors.)
- Tennant, Joseph A., and H. Allen, assignors, by mesne assignments, to Stephens Pump Company, Round Rock, Tex. Pump. 2,033,210; Mar. 10.
- Tennessee Corporation. (See Plummer, James K., assignor.)
- Tennessee Eastman Corporation. (See Othmer, Donald F., assignor.)
- Tennessee Eastman Corporation. (See Pack, Charles, assignor.)
- Tennessee Products Corporation. (See Carlin, J. C., and Canfield, assignors.)



- Tennessee Valley Authority. (See Curtis, Harry A., assignor.)
- Tennessee Valley Authority. (See Curtiss, H. A., and Abrams, assignors.)
- Tennessee Valley Authority. (See Pole, Gordon R., assignor.)
- Tenney, Albert B. (See Laghetto, Louis, assignor.)
- Tenney, Perry L., and O. Rasmussen, Lansing, assignors to General Motors Corporation, Detroit, Mich. Transmission control. 2,047,807; July 14.
- Tenney, William G., Chicago, Ill. Battery terminal. 2,059,669; May 5.
- Tenny, Edward J., Paterson, N. J. Clutching device. 2,043,563; June 9.
- Ten Raa, George J. (See Schnack, Mabel B., assignor.)
- Te Pas, Edmund J., Rocky River, assignor to The Patrol Valve Company, Cleveland, Ohio. Thermostatic valve. 2,027,458; Jan. 14.
- Te Pas, Edmund J., Rocky River, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Centrifugal laundry extractor. 2,060,454; Nov. 10.
- Te Pas, Edmund J., Lakewood, assignor to The Cleveland Heater Company, Cleveland, Ohio. Relief valve. 2,047,654; July 14.
- Te Pas, Edmund J., Lakewood, assignor to The Cleveland Heater Company, Cleveland, Ohio. Liquid heater. 2,060,139; Nov. 10.
- Teplitz, Abraham J. (See Ambrose, H. A., and Teplitz.)
- Teplitz, Abraham J. (See Loomis, A. G., Teplitz, and Ambrose.)
- Teppema, Jan, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preparing thiazyl monosulphides. 2,028,082; Jan. 14.
- Teppema, Jan, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerator of vulcanization. 2,050,203; Aug. 4.
- Teppema, Jan, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Thiazyl esters of dithiocarbamic acids and making. 2,054,453; Sept. 15.
- Teppema, Jan, Wayne, N. J., assignor to Wingfoot Corporation, Wilmington, Del. Benzothiazyl disulphides and preparation thereof. 2,047,923; July 14.
- Tepper, Joseph, Boston, Mass. Easel. 2,064,232; Dec. 15.
- Terenyi, Almos F. and A., Dearborn, Mich. Lock mechanism. 2,053,880; Sept. 8.
- Terenyi, Arpad. (See Terenyi, Almos F. and A.)
- Ter Horst, William P. (See Ellis, C., and Ter Horst.)
- Ter Horst, William P., Silver Lake, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Pickling inhibitor. 2,050,204; Aug. 4.
- Terhune, Leonard B., Newark, N. J., assignor to Dupont Viscoloid Company, Wilmington, Del. Brush drilling machine. 2,044,339; June 16.
- Terkelsen, Edwin A. (See Derry J., and Terkelsen.)
- Terman, Frederick E., Stanford University, Calif. Variable vacuum tube resistor. 2,037,202; Apr. 14.
- Terman, Frederick E., Stanford University, Calif. Frequency changing system. 2,055,736; Sept. 29.
- Terman, Frederick E., Stanford University, Calif. Radio receiving system. 2,055,737; Sept. 29.
- Ternstedt Manufacturing Company. (See Andersen, A. C., and Bowlus, assignors.)
- Ternstedt Manufacturing Company. (See De Orlow, Stephen, assignor.)
- Ternstedt Manufacturing Company. (See Fisher, Alfred J., assignor.)
- Ternstedt Manufacturing Company. (See Flynn, John B., assignor.)
- Ternstedt Manufacturing Company. (See Foster, Howard M., assignor.)
- Ternstedt Manufacturing Company. (See Hanson, E. J., and Hickman, assignors.)
- Ternstedt Manufacturing Company. (See Jackson, John W., assignor.)
- Ternstedt Manufacturing Company. (See McCorkell, Frank C., assignor.)
- Ternstedt Manufacturing Company. (See Rhead, C. C., and Szabo, assignors.)
- Ternstedt Manufacturing Company. (See Simpson, Emery G., assignor.)
- Ternstedt Manufacturing Company. (See Van Voorhees, H. E., and Simpson, assignors.)
- Terrell, Charles F., Jr., assignor to The Pure Oil Company, Chicago, Ill. Sight feed indicator and measuring device. 2,047,715; July 14.
- Terrell, Edgar A., assignor to The Terrell Machine Company, Charlotte, N. C. Bobbin stripper. 2,053,978; Sept. 8.
- Terrell, Hasson T., E. M. Hughes, and P. L. Carter, Chester, assignors to Sun Oil Company, Philadelphia, Pa. Removing soaps from asphaltic still bottoms and purifying the same. 2,056,913; Oct. 6.
- Terrell Machine Company, The. (See Kimbirl, Avery C., assignor.)
- Terrell Machine Company, The. (See Kimbirl, Julius E., assignor.)
- Terrell Machine Company, The. (See Terrell, Edgar A., assignor.)
- Terrill, Franklin E., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Reversible rotary motor. 2,037,351; Apr. 14.
- Terry, Charles M., assignor to A. W. Cash Company, Decatur, Ill. Adjustable loading means. 2,044,452; June 16.
- Terry, Charles M., assignor to A. W. Cash Company, Decatur, Ill. Furnace pressure regulation. 2,053,750; Sept. 8.
- Terry, Clifford B., East Orange, N. J., assignor to Radio Corporation of America. Aircraft altimeter. 2,055,883; Sept. 29.
- Terry, Edward F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock drill. 2,034,122; Mar. 17.
- Terry, Edward F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Locking device. 2,039,941; May 5.
- Terry, Edward F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock drill. 2,048,958; July 28.
- Terry, L. C., et al. (See Monroe, Daniel B., assignor.)
- Terry, Matson C., Detroit, Mich., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,031,237; Feb. 18.
- Terry, Matson C., Detroit, Mich., assignor to Westinghouse Electric & Manufacturing Company. Pump for refrigeration apparatus. 2,040,507; May 12.
- Terry, Merrill H., and F. L. Stewart, Columbus, Ohio. Refrigerator door. 2,046,909; July 7.
- Terry, Robert, assignor to General Motors Corporation, Detroit, Mich. Copper brazing. 2,060,959; Nov. 17.
- Terry, Robin H. (See Boegehold, A. L., Schluchter, and Terry.)
- Terry, Roy V., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin receptacle. 2,052,322; Aug. 25.
- Terry, Spencer B., West Hartford, Conn., assignor, by mesne assignments, to Niles-Bement-Pond Company, New York, N. Y. Comparator. 2,065,951; Dec. 29.
- Terwilliger, Ivan M., Altadena, Calif. Displaying pictures. 2,026,713; Jan. 7.
- Teschner, Bruno S. (See Marlies, C. A., and White, assignors.)
- Tessier, Louis A., Amesbury, Mass. Circuit breaker plug. 2,038,970; Apr. 28.
- Tessky, Karl, Esslingen, Germany. Automatic lathe. 2,028,362; Jan. 21.
- Tessky, Karl, Esslingen-on-the-Neckar, Germany. Automatic lathe. 2,042,687; June 2.
- Tessmer, Edwin W., Tomahawk, Wis. Dirigible toboggan. 2,027,128; Jan. 7.
- Testi, Nicholas. (See Smith, T. L., and Testi.)
- Testi, Nicholas, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and blade magazine. 2,050,395; Aug. 11.
- Testi, Nicholas, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,058,529; Oct. 27.
- Testi, Nicholas, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,061,720; Nov. 24.
- Testi, Nicholas, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and blade. 2,061,721; Nov. 24.
- Teter, Paul E. (See Erickson, G. L., and Teter.)
- Tetlow, Lewis J., Holyoke, Mass. Aircraft brake. 2,033,659; Mar. 10.
- Tetlow, Max W., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Covering heels. 2,032,449; Mar. 3.
- Tetlow, Max W., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Attaching soles to shoes. 2,044,029; June 16.
- Tetlow, Max W., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Insole and the manufacture thereof. 2,050,396; Aug. 11.
- Teubner, Edmund E., assignor to The Hollar Company, Philadelphia, Pa. Electric combination lock. 2,059,919; Nov. 3.
- Teupel, Ernst. (See Wahl, O., Teupel, and Schmidt.)
- Tevander, Olof N., assignor to Standard Cap and Seal Corporation, Chicago, Ill. Bottle capping machine. 2,047,911; July 14.
- Teves, Alfred, Maschinen- und Armaturen Fabrik G. m. b. H. (See Stern, Nathan, assignor)
- Teves, Alfred, Maschinen- und Armaturen-Fabrik Gesellschaft mit beschränkter Haftung. (See Engel, Ernst, assignor.)
- Teves, Marten C., Eindhoven, Netherlands, assignor to Radio Corporation of America. Phototube. 2,066,081; Dec. 29.
- Teves, Martin C. (See de Boer, J. H., Bruynes, and Teves.)
- Teves, Marten C. (See DeBoer, J. H., and Teves.)
- Teves, Martin C. (See Hendrik, J. H., van Geel, and Teves.)
- Teves, Martin C., and H. J. M. van Embden, assignors to N. V. Phillips' Gloeilampenfabrieken, Eindhoven, Netherlands. Photoelectric tube. 2,031,864; Feb. 25.
- Tevis, Robert, New York, N. Y. Keyboard. 2,031,017; Feb. 18.
- Tewes, Anthony B., assignor to Papendick, Inc., St. Louis, Mo. Baked-loaf slicing and trayng machine. 2,062,844; Dec. 1.
- Texaco Salt Products Company. (See Langer, Theodore W., assignor.)
- Texaco Salt Products Company. (See Langer, T. W., McBride, Carlson, Stow, and Clardy, assignors.)
- Texaco Salt Products Company. (See Martin, Otto V., assignor.)
- Texas Company, The. (See Behimer, Otto, assignor.)



- Texas Company, The. (See Carlstrom, John, assignor.)  
 Texas Company, The. (See Chebotar, Leo P., assignor.)  
 Texas Company, The. (See Clarke, Louis A., assignor.)  
 Texas Company, The. (See Clarke, L. A., and Levin, assignors.)  
 Texas Company, The. (See Clegg, Charles V., assignor.)  
 Texas Company, The. (See Colligan, Francis X., assignor.)  
 Texas Company, The. (See Colmar, Robert I., assignor.)  
 Texas Company, The. (See Cullison, Benjamin F., assignor.)  
 Texas Company, The. (See Davis, Eugene L., assignor.)  
 Texas Company, The. (See Dearborn, Richard J., assignor.)  
 Texas Company, The. (See Dearborn, R. J., and Stratford, assignors.)  
 Texas Company, The. (See de Florez, Luis, assignor.)  
 Texas Company, The. (See Drake, Rollin L., assignor.)  
 Texas Company, The. (See Dudley, Oscar E., assignor.)  
 Texas Company, The. (See Esch, Joseph F., assignor.)  
 Texas Company, The. (See Gardner, E. W., Roden, and Felder, assignors.)  
 Texas Company, The. (See Gross, H. H., and Overbaugh, assignors.)  
 Texas Company, The. (See Gullette, W. S., and Kimball, assignors.)  
 Texas Company, The. (See Halpern, M., Logan, Manley, and Ullrich, assignors.)  
 Texas Company, The. (See Haralson, Cull C., assignor.)  
 Texas Company, The. (See Hendrey, Waldersee B., assignor.)  
 Texas Company, The. (See Jefferson, Do, assignor.)  
 Texas Company, The. (See Kaufman, Gus, assignor.)  
 Texas Company, The. (See Kaufman, G., and Puryear, assignors.)  
 Texas Company, The. (See Kizer, Howard W., assignor.)  
 Texas Company, The. (See Knowles, Edwin C., assignor.)  
 Texas Company, The. (See Lauer, C. E., Manley, and Loeb, assignors.)  
 Texas Company, The. (See Loeb, Henry D., assignor.)  
 Texas Company, The. (See Manley, Robert E., assignor.)  
 Texas Company, The. (See Manley, R. E., and Gross, assignors.)  
 Texas Company, The. (See Manley, R. E., McCarty, and Gross, assignors.)  
 Texas Company, The. (See Manley, R. E., and Ullrich, assignors.)  
 Texas Company, The. (See McAllister, Chester B., assignor.)  
 Texas Company, The. (See McCarty, B. Y., and Skelton, assignors.)  
 Texas Company, The. (See Moore, William F., assignor.)  
 Texas Company, The. (See Myracle, Trueman M., assignor.)  
 Texas Company, The. (See Nelson, Roy F., assignor.)  
 Texas Company, The. (See Nelson, R. F., and Zapf, assignors.)  
 Texas Company, The. (See Neuman, Leonard J., assignor.)  
 Texas Company, The. (See Overbaugh, Walter V., assignor.)  
 Texas Company, The. (See Pevere, Ernest F., assignor.)  
 Texas Company, The. (See Pevere, E. F., and Ludeman, assignors.)  
 Texas Company, The. (See Puls, John H., assignor.)  
 Texas Company, The. (See Remy, Theron P., assignor.)  
 Texas Company, The. (See Ritchie, Allan V., assignor.)  
 Texas Company, The. (See Scoville, Loren P., assignor.)  
 Texas Company, The. (See Smith, Harry L., assignor.)  
 Texas Company, The. (See Stapleton, Victor, assignor.)  
 Texas Company, The. (See Story, Le Roy G., assignor.)  
 Texas Company, The. (See Stratford, William M., assignor.)  
 Texas Company, The. (See Taveau, René de M., assignor.)  
 Texas Company, The. (See Teichmann, Charles F., assignor.)  
 Texas Company, The. (See Thatcher, William N., assignor.)  
 Texas Company, The. (See Thomas, James M., assignor.)  
 Texas Company, The. (See Thurston, Robert R., assignor.)  
 Texas Company, The. (See Titus, Leon D., assignor.)  
 Texas Company, The. (See Towne, Charles C., assignor.)  
 Texas Company, The. (See Trow, Richard F., assignor.)  
 Texas Company, The. (See Watson, Claude W., assignor.)  
 Texas Company, The. (See White, George D., assignor.)  
 Texas Company, The. (See Wight, Roy R., assignor.)  
 Texas Gulf Sulphur Company. (See Bencowitz, Isaac, assignor.)  
 Texas Gulf Sulphur Company. (See Bencowitz, I., and Wood, assignors.)  
 Texas Gulf Sulphur Company. (See Duecker, Werner W., assignor.)  
 Texas Gulf Sulphur Company. (See Duecker, W. W., and Payne, assignors.)  
 Texas Pacific Coal & Oil Co. (See Levine, I. Morris, assignor.)  
 Texas Pacific Coal & Oil Co. (See Pfau, George M., assignor.)  
 Texas Pacific Coal & Oil Co. (See Pfau, G. M., Bolin, and Zublin, assignors.)  
 Texas Pacific Coal & Oil Co. (See Pfau, G. M., and Pruitt, assignors.)  
 Texas Pacific Coal & Oil Co. (See Zublin, Ernest W., assignor.)  
 Textile-Finishing Machinery Company, The. (See Rusden, Richard E., assignor.)  
 Textile-Finishing Machinery Company, The. (See Taylor, Wallace, assignor.)  
 Textile Machine Works. (See Anke, Rudolph, assignor.)  
 Textile Machine Works. (See Autem, Fred, assignor.)  
 Textile Machine Works. (See Bitzer, Gottlob, assignor.)  
 Textile Machine Works. (See Gastrich, Gustav, assignor.)  
 Textile Machine Works. (See Janssen, Henry, assignor.)  
 Textile Machine Works. (See Kalbach, Samuel E., assignor.)  
 Textile Machine Works. (See Krissiep, Max, assignor.)  
 Textile Machine Works. (See Meyer, C. F., and Zwicky, assignors.)  
 Textile Machine Works. (See Richter, Emil, assignor.)  
 Textile Machine Works. (See Richter, E., and Schmidt, assignors.)  
 Textile Machine Works. (See Richter, Max, assignor.)  
 Textile Machine Works. (See Schmidt, Paul, assignor.)  
 Textile Machine Works. (See Waechter, K., and Suess, assignors.)  
 Textile Machine Works. (See Waechter, K. O., and Suess, assignors.)  
 Thacher, George H., Melrose, and C. C. Willson, Newton, Mass. Card table. 2,045,931; June 30.  
 Thacker, William T., Greenville, S. C. Rocker stud bearing. 2,066,240; Dec. 29.  
 Thackeray, Norman C., Providence, R. I. Decorated fabric and making the same. 2,051,353; Aug. 18.  
 Thaheld, Feri A., assignor to C. S. Crickmer, Dallas, Tex. Swab. 2,057,859; Oct. 20.  
 Thaheld, Feri A., assignor to The Guiberson Corporation, Dallas, Tex. Drill bit. 2,060,354; Nov. 10.  
 Thal, Wilhelm, Nowawes, near Potsdam, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Supervision of the dielectric losses of a conductor. 2,029,685; Feb. 4.  
 Tharp, Charles W., et al. (See McDowell, John, J. F., and E., assignors.)  
 Tharp, Frank E., Worland, Wyo. Drain pipe cleaner. 2,036,614; Apr. 7.  
 Tharp, James H., Abilene, assignor of one-half to C. W. Coats, Baird, Tex. Gauge. 2,036,895; Apr. 7.  
 Thatcher, Linden A., Belleville, N. J., assignor, by mesne assignments, to Eugene, Ltd., New York, N. Y. Permanent waving. 2,038,971; Apr. 28.  
 Thatcher, William N., North Tarrytown, assignor to The Texas Company, New York, N. Y. Introducing antiknock fuels into internal combustion engines. 2,050,978; Aug. 11.  
 Thau, Charles K., Brooklyn, N. Y. Hair waving device. 2,033,598; Mar. 10.  
 Thau, Philip F., New York, N. Y. Bicycle with horse riding action. 2,029,842; Feb. 4.  
 Thayer, Charles H., Ashland, Mass., assignor to General Electric Company. Meter connection checking device. 2,035,996; Mar. 31.  
 Thayer, Clarence H., Wallingford, assignor to Sun Oil Company, Philadelphia, Pa. Method and apparatus for firing oil stills. 2,029,956; Feb. 4.  
 Thayer, Josephus J., Hollywood, Ill., assignor to J. L. Ferguson Company. Case loader. 2,050,547; Aug. 11.  
 Thayer, Josephus J., Hollywood, Ill., assignor to J. L. Ferguson Company. Coupon feeding machine. 2,057,698; Oct. 20.  
 Thayer, Paul M., Milwaukee, Wis. Method and apparatus for filtering sewage. 2,065,836; Dec. 29.  
 Thayer, Starr, Houston, Tex. Pipe cleaning apparatus. 2,064,577; Dec. 15.  
 Theaman, Herman. (See Putt, Earl B., assignor.)  
 Thearle, Ernest L., Schenectady, N. Y., assignor to General Electric Company. Dynamic balancing machine. 2,043,845; June 9.  
 Thearle, Ernest L., Schenectady, N. Y., assignor to General Electric Company. Apparatus for dynamically balancing rotatable bodies. 2,050,073; Aug. 4.  
 Thebaud, John E. (See Armstrong, E., and Thebaud.)  
 Thee, Theodore C. (See Talbot, K. H., and Thee.)  
 Theel, Percival, Jarrettown, Pa. Coating composition. 2,045,932; June 30.  
 Thege, Edwin O. P., assignor to Aktiebolaget Atlas Diesel, Stockholm, Sweden. Anchoring cylinders in engines with angularly disposed cylinders. 2,041,979; May 26.  
 Thege, Edwin O. P., assignor to Aktiebolaget Atlas Diesel, Stockholm, Sweden. Supercharging device for internal combustion engines. 2,052,198; Aug. 25.  
 Thege, Edwin O. P., and P. O. Ångkvist, assignors to Aktiebolaget Atlas Diesel, Stockholm, Sweden. Internal combustion engine. 2,053,528; Oct. 27.  
 Theilacker, Hans F., South Bend, Ind. Flashing signal system for motor vehicles. 2,030,664; Feb. 11.  
 Theiler, Casimir, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Evaporating liquids. 2,042,488; June 2.  
 Theiler, Ewald, Berlin-Wilmersdorf, Germany. Glass-molding machine. 2,055,884; Sept. 29.  
 Theimer, Ernst T., Newark, N. J., assignor to van Ameringen-Haebler, Inc., New York, N. Y. Synthetic production of alcohols. 2,047,396; July 14.  
 Thein, Friedrich W. N. (See Whiston, H. W., McIvor, and Thein.)



- Theils, Erich, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Cyanuric acid. 2,045,111; June 23.
- Thelander, Wilbur V. (See Trott, R. S., and Thelander.)
- Thelen, Wilhelm S. (See Jarmin, Roland C., assignor.)
- Theobald, Thomas O., Detroit, Mich. Steam heating system. 2,033,012; Mar. 3.
- Theremin, Leon, assignor to M. B. Zinman, E. B. Morgenstern, and L. Theremin, New York, N. Y. Timing system. 2,047,912; July 14.
- Thermatomic Carbon Company. (See Cretney, Robert W., assignor.)
- Thermo Brakes Corporation. (See Smith, George L., assignor.)
- Thermoid Rubber Company. (See Hall, William H., Jr., assignor.)
- Thermoid Textile Company. (See Hall, William H., Jr., assignor.)
- Thermopane Company, The. (See Haven, Charles D., assignor.)
- Theumann, Max J., Lyon, France, assignor to Du Pont Rayon Company, New York, N. Y. Producing artificial silk. 2,035,997; Mar. 31.
- Theus, Percival, Beauford, S. C. Card holder. 2,036,729; Apr. 7.
- Thew, Gerald R., Hopewell Junction, N. Y. Hand cultivator. 2,047,498; July 14.
- Thew Shovel Company. (See Wilson, Emery J., assignor.)
- Thewes, William O., assignor to The Ridge Tool Company, North Ridgeville, Ohio. Pipe wrench. 2,051,755; Aug. 18.
- Thibaud, Gibbs & Cie. (See Ripert, Jean, assignor.)
- Thibault, Federico J. (See Greenfield, E., and Thibault.)
- Thibedeau, Albert J., Ottawa, Ontario, Canada. Paper machine slitter knife. 2,043,818; June 9.
- Thibierge, Jean G., Douai, France. Machine for manufacturing reinforcing elements for concrete structures. 2,032,673; Mar. 3.
- Thiel, Emil. (See Frank, K., Dietz, Privinsky, and Thiel.)
- Thiel, Emil E., assignor to the Printing Machinery Company, Cincinnati, Ohio. Adjustable rule mechanism. 2,034,161; Mar. 17.
- Thiel, Erich, assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Amusement apparatus. 2,043,454; June 9.
- Thiel, John A., et al., executors. (See Hansen, Oswald H., assignor.)
- Thiele, Harry E. (See Frede, C. F., and Thiele.)
- Thiele, William A., North Tonawanda, N. Y. Preserving jar. 2,031,800; Feb. 25.
- Thieman, Frederick P. (See Renken, H. J., and Thieman.)
- Thieme, Anna D., assignor to the firm H. Bahlens's Keks-fabrik A. G., Hannover, Germany. Device for ripping open paper envelopes. 2,043,129; June 2.
- Thieme, Otto, Hartford, Conn., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,066,128; Dec. 29.
- Thierner, Erwin, Hennigsdorf, Germany, assignor to General Electric Company. Pipe welding apparatus. 2,043,020; June 2.
- Thienemann, Rolf A., assignor to Teletype Corporation, Chicago, Ill. Control unit for linecasting and composing machines. 2,060,838; Nov. 17.
- Thies, Herman R., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Condensation derivatives of rubber. 2,039,238; Apr. 28.
- Thies, Herman R., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,058,840; Oct. 27.
- Thies, Herman R., assignor to Wingfoot Corporation, Akron, Ohio. Producing molded products. 2,043,938; June 9.
- Thies, Herman R., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Container. 2,064,767; Dec. 15.
- Thies, Herman R., Kent, assignor to Wingfoot Corporation, Akron, Ohio. Vulcanization of rubber. 2,043,939; June 9.
- Thies, Herman R., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Electrical insulation. 2,064,768; Dec. 15.
- Thies, Herman R., and T. A. Riehl, Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Molded product. 2,054,454; Sept. 15.
- Thiesen, Stephen, Hoboken, N. J. Comb cleaning device. 2,036,840; Apr. 7.
- Thilborger, William J., New Orleans, La. Wall structure. 2,027,493; Jan. 14.
- Thirlwell, Thomas W., St. Albans, W. Va. Direction indicator switch. 2,038,456; Apr. 21.
- Thode, Adolf, Hamburg-Billbrook, Germany. Insulating method for electric and thermo-technical purposes, and apparatus for accomplishing the same. 2,047,525; July 14.
- Tholl, John F., Needham, assignor to American Tool and Machine Company, Hyde Park, Mass. Steady bearing for centrifugal separators. 2,028,730; Jan. 21.
- Tholl, John F., Needham, assignor to American Tool and Machine Company, Hyde Park, Mass. Discharger for centrifugal separators. 2,036,974; Apr. 7.
- Tholl, John F., Needham, assignor to American Tool & Machine Co., Hyde Park, Boston, Mass. Centrifugal separator. 2,063,472; Dec. 8.
- Thom, James C., Chicago, Ill., assignor to United States Tobacco Company, New York, N. Y. Apparatus for and making pouch-like containers. 2,059,416; Nov. 3.
- Thoma, Andrew, Cambridge, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Shoe filler. 2,056,236; Oct. 6.
- Thoma, Gerald F., Canton, Ohio. Freezing apparatus. 2,030,233; Feb. 11.
- Thoma, Hans, Karlsruhe-Baden, Germany. Hydraulic transmission. 2,059,155; Oct. 27.
- Thomann, Frederick A., East Moline, assignor to Deere & Company, Moline, Ill. Cotton harvester. 2,064,394; Dec. 15.
- Thomas, Adolph A., New York, N. Y., assignor to Radio Corporation of America. System and apparatus for recording and reproducing sound. 2,031,865; Feb. 25.
- Thomas, Adolph A., assignor to Radio Corporation of America, New York, N. Y. Electric recording and reproducing apparatus. 2,032,190; Feb. 25.
- Thomas, Adolph A., New York, N. Y., assignor to Radio Corporation of America. Electric sound-reproducing apparatus. 2,032,450; Mar. 3.
- Thomas, Adolph A., New York, N. Y., assignor to Radio Corporation of America, Delaware. Telephone instrument. 2,035,104; Mar. 24.
- Thomas, Adolph A., assignor to Radio Corporation of America, New York, N. Y. Electronic vacuum tube. 2,037,352; Apr. 14.
- Thomas, Adolph A., assignor to Radio Corporation of America, New York, N. Y. Radio tuning device. 2,038,321; Apr. 21.
- Thomas, Adolph A., assignor to Radio Corporation of America, New York, N. Y. Radio tuning device. 2,038,322; Apr. 21.
- Thomas, Adolph A., assignor to Radio Corporation of America, New York, N. Y. Radio tuning device. 2,038,323; Apr. 21.
- Thomas, Adolph A., New York, N. Y., assignor to General Electric Vapor Lamp Co., Hoboken, N. J. Electric lamp. 2,042,199; May 26.
- Thomas, Adolph A., assignor to Radio Corporation of America, New York, N. Y. Remote tuning system for radio receivers. 2,046,755; July 7.
- Thomas, Adolph A., assignor to Radio Corporation of America, New York, N. Y. Telephone instrument. 2,049,784; Aug. 4.
- Thomas, Adolph A., New York, N. Y. Electronic device. 2,052,542; Aug. 25.
- Thomas, Adolph A., New York, N. Y., assignor to Radio Corporation of America. Radio receiver. 2,056,305; Oct. 6.
- Thomas, Adolph A., New York, N. Y. Lifting means and sideward driving mechanism for automobiles. 2,058,530; Oct. 27.
- Thomas, Adolph A., assignor to Radio Corporation of America, New York, N. Y. Remote control device for radio receivers. 2,062,259; Nov. 24.
- Thomas, Adolph A., assignor to Radio Corporation of America, New York, N. Y. Electronic vacuum tube. 2,064,865; Dec. 22.
- Thomas, Albert, Paris, France. Photoelectric apparatus. 2,035,773; Mar. 31.
- Thomas, Albert A., Indianapolis, Ind. Fracture appliance. 2,056,749; Oct. 6.
- Thomas, Albert H., Lakewood, Ohio, assignor of one-half to Natt Corbin, Lexington, Ky. Weed exterminating tool. 2,055,266; Sept. 22.
- Thomas, Albert H. J., assignor to Bryce Limited, Hackbridge, England. Fuel injection pump. 2,050,134; Aug. 4.
- Thomas, Albert R., Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,044,597; June 16.
- Thomas, Albert R., San Antonio, Tex. Vase. 2,062,684; Dec. 1.
- Thomas, Albert R., New York, N. Y., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Absorption type refrigerating system. 2,063,276; Dec. 8.
- Thomas, Albert R., Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,063,353; Dec. 8.
- Thomas, Albert R., New York, N. Y., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,064,233; Dec. 15.
- Thomas, Archibald P., Birmingham, England, assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,064,578; Dec. 15.
- Thomas, Arthur, Wallington, England, assignor to The Accounting & Tabulating Corporation of Great Britain Limited, Machine for sorting statistical cards. 2,034,010; Mar. 17.
- Thomas, Arthur, Wallington, assignor to The Accounting & Tabulating Corporation of Great Britain Limited, London, England. Machine for verifying perforated record cards. 2,055,186; Sept. 22.
- Thomas, Arthur, Wallington, England, assignor to The Accounting and Tabulating Corporation of Great Britain Limited. Sensing Pin box for record card controlled statistical machines. 2,059,293; Nov. 3.



- Thomas, Arthur, Thornton Heath, assignor to The Accounting & Tabulating Corporation of Great Britain Limited, London, England. Counting machine. 2,034,542; Mar. 17.
- Thomas, Arthur M., Mendham, N. J., assignor to Thomas & Marcus, Inc., New York, N. Y. Slip. 2,056,025; Sept. 29.
- Thomas, Arthur W. (See Thurman, B. H., Thomas, and Mattikow.)
- Thomas, Ben E. (See Thomas, John E., assignor.)
- Thomas & Betta Co., The. (See Buchanan, Stephen N., assignor.)
- Thomas, Charles A. (See Hochwalt, C. A., and Thomas.)
- Thomas, Charles A., assignor to Monsanto Petroleum Chemicals, Inc., Dayton, Ohio. Protective coating composition. 2,035,250; Mar. 24.
- Thomas, Charles A., assignor to Monsanto Petroleum Chemicals, Inc., Dayton, Ohio. Protective coating composition and preparing the same. 2,035,251; Mar. 24.
- Thomas, Charles A., assignor, by mesne assignments, to Monsanto Petroleum Chemicals, Inc., Dayton, Ohio. Prepared resin. 2,039,363; May 5.
- Thomas, Charles A., assignor, by mesne assignments, to Monsanto Petroleum Chemicals, Inc., Dayton, Ohio. Protective coating material. 2,039,365; May 5.
- Thomas, Charles A., assignor to Dayton Synthetic Chemicals, Inc., Dayton, Ohio. Coating composition. 2,039,366; May 5.
- Thomas, Charles A., assignor to Monsanto Petroleum Chemicals, Inc., Dayton, Ohio. Prepared resin. 2,039,367; May 5.
- Thomas, Charles A., Dayton, Ohio, assignor to Standard Cap and Seal Corporation, Chicago, Ill. Wire with soldering flux coating and making the same. 2,055,393; Sept. 22.
- Thomas, Charles A., and C. A. Hochwalt, assignors, by mesne assignments, to Nelson S. Talbott, Dayton, Ohio. Artificially aging whisky. 2,027,129; Jan. 7.
- Thomas, Charles A., and C. A. Hochwalt, assignors, by mesne assignments, to Monsanto Petroleum Chemicals, Inc., Dayton, Ohio. Protective coating. 2,039,364; May 5.
- Thomas, Charles A., and W. H. Carmody, assignors, by mesne assignments, to Monsanto Petroleum Chemicals, Inc., Dayton, Ohio. Decolorization of resins. 2,060,404; Nov. 10.
- Thomas, Charles A., and W. H. Carmody, assignors, by mesne assignments, to Monsanto Petroleum Chemicals, Inc., Dayton, Ohio. Prepared resin. 2,062,845; Dec. 1.
- Thomas, Charles A., and C. A. Hochwalt, assignors to The Fyr-Fyter Company, Dayton, Ohio. Fire extinguisher. 2,063,772; Dec. 8.
- Thomas, Charles A., Wayne, and J. F. Olin, Newtown Square, assignors to The Sharples Solvents Corporation, Philadelphia, Pa. Producing unsaturated hydrocarbons. 2,065,323; Dec. 22.
- Thomas, Charles C., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,032,235; Feb. 25.
- Thomas, Charles C., assignor to Kelvinator Corporation, Detroit, Mich. Tool for refrigerator trays. 2,048,233; July 21.
- Thomas, Charles C., and D. G. Ellis, assignors to Kelvinator Corporation, Detroit, Mich. Low temperature display case. 2,032,234; Feb. 25.
- Thomas, David W., Youngstown, assignor to The Niles Steel Products Company, Niles, Ohio. Ring seal for barrels. 2,054,105; Sept. 15.
- Thomas, Donald L., New York, N. Y., assignor to Gasoline Products Company, Incorporated, Newark, N. J. Coking hydrocarbon oil. 2,051,354; Aug. 18.
- Thomas, Edward A., Massillon, and E. M. Cadwallader, assignors to Thomas Mineral Cutting Machine Co., Inc., Cleveland, Ohio. Mining apparatus. 2,059,415; Nov. 3.
- Thomas, Edward L. (See Goetting, Clyde E., assignor.)
- Thomas, Eric G., Boston, Mass. Strainer. 2,055,394; Sept. 22.
- Thomas, Ernest R., et al. (See La Londe, Frederick J., assignor.)
- Thomas, Ernst, Berlin, Germany. Damper for stamps, envelopes, and the like. 2,050,676; Aug. 11.
- Thomas, Eva E., executrix. (See Thomas, Sydney E.)
- Thomas, Frank B., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Spring gauge. 2,035,029; Mar. 24.
- Thomas, Frank B., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Apparatus for preventing wheel sliding. 2,038,144; Apr. 21.
- Thomas, Frank B., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,041,307; May 19.
- Thomas, Frederick, Philadelphia, Pa. Constant level apparatus. 2,059,417; Nov. 3.
- Thomas, Frederick, assignor to Keystone Index Card Company, Philadelphia, Pa. Filing card or loose leaf. 2,039,752; May 5.
- Thomas, Fritz H. (See Sanford, H. W., and Thomas.)
- Thomas, Fritz H., Greeneville, assignor to Program Clock, Inc., Knoxville, Tenn. Program clock. 2,027,006; Jan. 7.
- Thomas, George F., Riverside, and J. Bystricky, assignors, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,042,970; June 2.
- Thomas, George H., Walla Walla, Wash. Portable gate. 2,044,265; June 16.
- Thomas, George H., Erie, Pa. Flexible coupling. 2,060,140; Nov. 10.
- Thomas, George J., Birmingham, Mich. Brake mechanism. 2,044,958; June 23.
- Thomas, George J., Birmingham, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,029,087; Jan. 28.
- Thomas, Gordon E., et al. (See La Londe, Frederick J., assignor.)
- Thomas, Harold L., London, England, assignor to Sperry Gyroscope Company Inc., Brooklyn, N. Y. Electric arc lamp. 2,040,414; May 12.
- Thomas, Harry M., Bowling Green, assignor of one-half to H. E. Graham, Cygnet, Ohio. Percussion mechanism for closures. 2,052,323; Aug. 25.
- Thomas, Henry. (See Pew, A. E., Jr., and Thomas.)
- Thomas, Henry, Ridley Park, assignor to Sun Oil Company, Philadelphia, Pa. Control system for pipe lines. 2,049,233; July 28.
- Thomas, Henry L., East Douglas, and J. L. Truslow, assignors to Whitin Machine Works, Whitinsville, Mass. Long draft spinning cradle. 2,027,211; Jan. 7.
- Thomas, Herbert G., Evanston, Ill., assignor to Webster Tallmadge & Company Inc., East Orange, N. J. Steam Heating system. 2,060,265; Nov. 10.
- Thomas, Horace T., and A. B. Hays, assignors to Reo Motor Car Company, Lansing, Mich. One-way brake. 2,033,362; Mar. 10.
- Thomas, Horace T., and A. B. Hays, Lansing, Mich., assignors to Reo Motor Car Company. Transmission mechanism. 2,038,812; Apr. 28.
- Thomas, Horace T., and A. B. Hays, Lansing, Mich., assignors to Reo Motor Car Company. Transmission mechanism. 2,049,234; July 28.
- Thomas, James L., Garrett Park, Md., assignor to Government of the United States, represented by the Secretary of Commerce. Method of making electrical resistance elements and alloys therefor. 2,042,971; June 2.
- Thomas, James L., Garrett Park, Md., assignor to Government of the United States as represented by the Secretary of Commerce. Electrical resistance elements and alloy therefor. 2,042,972; June 2.
- Thomas, James M., Lefors, Tex., assignor to The Texas Company, New York, N. Y. Oil field tank equipment. 2,061,094; Nov. 17.
- Thomas, John. (See Fairweather, D. A. W., and Thomas.)
- Thomas, John. (See Smith, W., and Thomas.)
- Thomas, John E., assignor of fifty-one per cent to B. E. Thomas, Overton, Tex. Pump jack. 2,037,950; Apr. 21.
- Thomas, John E., La Grange, assignor to Hooker Glass & Paint Mfg. Co., Chicago, Ill. Mirror. 2,041,667; May 19.
- Thomas, John G., New York, N. Y. Method and apparatus for recovery and treatment of sludge. 2,046,756; July 7.
- Thomas, John H., Jr. (See Slayter, G., Irvine, and Thomas.)
- Thomas, John H., assignor to R. L. Parish, New York, N. Y. Thermally insulated wall structures. 2,047,236; July 14.
- Thomas, John R., deceased, by M. D. Thomas, administratrix, Wilkes-Barre, Pa. Holder. 2,036,107; Mar. 31.
- Thomas, Linley M., Cleveland, Ohio. Lawn tool. 2,032,777; Mar. 3.
- Thomas, Lloyd R. (See Stubblefield, B. M., Thomas, and Harrar.)
- Thomas, Lurielle A. (See Thomas, Richard H., assignor.)
- Thomas & Marcus, Inc. (See Thomas, Arthur M., assignor.)
- Thomas, Marion C., Post, Tex. Lister plow attachment for tractors. 2,045,209; June 23.
- Thomas, Mary D., administratrix. (See Thomas, John R.)
- Thomas, Michael, Los Angeles, Calif. Toe holder. 2,029,597; Feb. 4.
- Thomas Mineral Cutting Machine Co. (See Thomas, E. A., and Cadwallader, assignors.)
- Thomas, Moyer D., Salt Lake City, Utah, assignor to American Smelting & Refining Company, New York, N. Y. Automatically measuring traces of gases. 2,047,526; July 14.
- Thomas, Moyer D., Salt Lake City, Utah, assignor to American Smelting & Refining Company, New York, N. Y. Automatically measuring traces of gases. 2,047,527; July 14.
- Thomas, Olive M. et al, executors. (See Fairweather, D. A. W., and Thomas.)
- Thomas, Olive M., New Bucalo, Mich. Upright laundry receptacle. 2,044,517; June 16.
- Thomas, Perry M., Elgin, Ill. Physiotherapeutic device. 2,059,500; Nov. 3.
- Thomas, Ralph B., assignor to Hygrade Sylvania Corporation, Salem, Mass. Lamp, tube, and similar devices. 2,028,884; Jan. 28.
- Thomas, Ralph B., assignor to Hygrade Sylvania Corporation, Salem, Mass. Lamp, tube, and similar device. 2,031,746; Feb. 25.
- Thomas, Ralph B., assignor to Hygrade Sylvania Corporation, Salem, Mass. Lamp, tube, and similar device. 2,064,364; Dec. 15.
- Thomas, Raymond E. (See Brubaker, M. M., and Thomas.)
- Thomas, Raymond E., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters. 2,062,950; Dec. 1.



- Thomas, Richard H., assignor to Lurille A. Thomas, Oak Park, Ill. Control for radiators. 2,028,173; Jan. 21.
- Thomas, Robert M. (See Winning, C., and Thomas.)
- Thomas, Robert R., Oak Hill, W. Va. Burial apparatus. 2,040,220; May 12.
- Thomas, Rosswell W., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Apparatus for proportioning and controlling the feed of gases. 2,032,641; Mar. 3.
- Thomas, Rosswell W., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Dispensing equipment for liquefied petroleum gas. 2,047,338; July 14.
- Thomas, Rosswell W., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Consumer's liquefied petroleum gas storage and utilization equipment. 2,047,339; July 14.
- Thomas, Seth, Clock Company. (See Campbell, Arthur B., assignor.)
- Thomas, Sydney E., deceased, late of Hounslow, England, by E. E. Thomas, Hounslow, England, executrix, assignor to Quicktho (1928) Limited, Wandsworth, England. Seat. 2,028,633; Jan. 21.
- Thomas, Victor W., assignor to E. A. Harrington, Waukegan, Ill., trustee. Adjusting apparatus. 2,041,500; May 19.
- Thomas, Victor W., assignor to E. A. Harrington, trustee, Waukegan, Ill. Breaker and distributor head. 2,052,951; Sept. 1.
- Thomas, Victor W., assignor to Shurhit Products, Inc., Waukegan, Ill. Apparatus for testing ignition systems. 2,052,952; Sept. 1.
- Thomas, William, Bogota, N. J., assignor to Pneumercator Company, New York, N. Y. Viscosity regulator. 2,031,018; Feb. 18.
- Thomas, William D. (See Ballard, M. H., Bunker, Finn, Hardy, Seely, and Thomas.)
- Thomas, William D., Lynnfield, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for splitting sheet material. 2,053,304; Sept. 8.
- Thomas, William D., assignor to United Shoe Machinery Corporation, Paterson, N. J. Mechanism for use in applying pressure to shoe bottoms. 2,064,959; Dec. 22.
- Thomas, William L., Haverstraw, N. Y., assignor to The New York Central Railroad Company. Box car. 2,030,773; Feb. 11.
- Thomas, William L., Haverstraw, N. Y., assignor to The New York Central Railroad Company. Box car. 2,038,692; Apr. 28.
- Thomas, William M., Los Angeles, Calif. Sound record and producing same. 2,036,554; Apr. 7.
- Thomas, William O., Anderson, Ind. Coupling. 2,046,221; June 30.
- Thomas, Willis P., Highland Park, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Soot blower. 2,066,020; Dec. 29.
- Thomasma, Harry, Grand Rapids, Mich. Doorlock. 2,031,344; Feb. 18.
- Thomaston Laboratories, Inc. (See Scribner, Romeyn B., assignor.)
- Thomes, Frank E., South Portland, Maine. Heater. 2,034,782; Mar. 24.
- Thompsett, Harry A., Ealing, London, and E. Chiffey, South Harrow, England, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Talking machine. 2,058,842; Oct. 27.
- Thompson, Albert R., San Jose, assignor to Pacific Machinery Company, San Francisco, Calif. Fruit pitter. 2,026,806; Jan. 7.
- Thompson, Albert R., assignor to Food Machinery Corporation, San Jose, Calif. Fluid apportioning and dispensing device. 2,034,964; Mar. 24.
- Thompson, Albert R., assignor to Food Machinery Corporation, San Jose, Calif. Method and apparatus for cooking and cooling canned goods. 2,043,310; June 9.
- Thompson, Albert R., assignor to Food Machinery Corporation, San Jose, Calif. Product for coating fruit and preparing the same. 2,046,537; July 7.
- Thompson, Albert R., assignor to Food Machinery Corporation, San Jose, Calif. Fruit washer. 2,056,333; Oct. 6.
- Thompson, Albert R., and W. de Back, assignor to Food Machinery Corporation, San Jose, Calif. Pear preparation machine. 2,056,413; Oct. 6.
- Thompson, Albert R., San Jose, assignor to Pacific Machinery Company, San Francisco, Calif. Fruit pitter. 2,058,045; Oct. 20.
- Thompson, Albert R., San Jose, assignor to Pacific Machinery Company, San Francisco, Calif. Fruit pitter. 2,061,051; Nov. 17.
- Thompson, Albert R., San Jose, and J. M. Hait, San Marino, assignors to Food Machinery Corporation, San Jose, Calif. Machine for and method of filling boxes. 2,061,490; Nov. 17.
- Thompson, Albert R., assignor to Food Machinery Corporation, San Jose, Calif. Nut cracking method and apparatus. 2,062,534; Dec. 1.
- Thompson, Albert R., assignor to Food Machinery Corporation, San Jose, Calif. Can treating apparatus. 2,062,535; Dec. 1.
- Thompson, Alex, assignor of one-half to W. D. Jones, Amarillo, Tex. Combined shade and curtain hanger. 2,059,665; Nov. 3.
- Thompson, Alfred E., and R. D. Salmon, assignors to Creed & Company, Limited, Croydon, England. Telegraph system and apparatus. 2,052,677; Sept. 1.
- Thompson, Almer J. (See Benner, R. C., Easter, and Thompson.)
- Thompson, Almer J., assignor to Gload Corporation, Niagara Falls, N. Y. Manufacture of silicon carbide resistors. 2,032,077; Feb. 25.
- Thompson, Anders, Seattle, Wash. Body and fender finishing machine. 2,060,266; Nov. 10.
- Thompson, Andrew E. (See Paulus, M. G., and Thompson.)
- Thompson, Arthur A., Oakland, Calif. Crusher. 2,050,743; Aug. 11.
- Thompson Bros. Shoe Co. (See Macdonald, L. S., and Johnson, assignors.)
- Thompson Bros. Shoe Co. (See Macdonald, L. S., and Small, assignors.)
- Thompson, Charles S., Elmhurst, assignor to Union Special Machine Company, Chicago, Ill. Felling machine for seaming fabric sections. 2,031,193; Feb. 18.
- Thompson, Chester O. (See Tong, J. W., and Thompson.)
- Thompson, Donald R., Ontario, and G. H. Joseph, Corona, assignors to California Fruit Growers Exchange, Los Angeles, Calif. Jelly preparations and preparing jellies. 2,059,541; Nov. 3.
- Thompson, Earl A., Birmingham, Mich., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorber. 2,054,685; Sept. 15.
- Thompson, Elliott D., Abington, Mass., assignor of one-half to W. W. Peterson, Chicago, Ill. Bearing. 2,045,030; June 23.
- Thompson, Elliott R., Wycombe, Pa. Sewing machine. 2,035,848; Mar. 31.
- Thompson, Elmer B., assignor to Swanson & Thompson, Des Moines, Iowa. Fluid measuring device. 2,043,636; June 9.
- Thompson, Elmer B., assignor to Globe Machinery & Supply Company, Des Moines, Iowa. Vibrating automobile jack. 2,054,550; Sept. 15.
- Thompson, Elmer B., assignor to Globe Machinery & Supply Company, Des Moines, Iowa. Portable electric automobile hoist. 2,059,059; Oct. 27.
- Thompson, Frank E. (See Leavitt, Harry W., assignor.)
- Thompson, Frank E. (See Maxwell, M. C., Thompson, Ledin, and Lowe.)
- Thompson, Frank E., assignor to The Yale & Towne Mfg. Co., Stamford, Conn. Lock. 2,043,205; June 2.
- Thompson, Frank H., Baltimore, Md. Cabinet. 2,046,222; June 30.
- Thompson, Frederick F., Lawton, Okla. Barbecue machine. 2,059,666; Nov. 3.
- Thompson, Frederick H., Jr., Chicopee, Mass. Heating system for rail switches. 2,051,918; Aug. 25.
- Thompson, George H., Oldham, England. Yarn and fabric. 2,039,569; May 5.
- Thompson, H. C., Clock Co., The. (See Muir, W., and Snow, assignors.)
- Thompson, Harrison G., Montclair, and D. B. Hughes, Union City, N. J., assignors to LeCarbone Co., Gennevilliers, Seine, France. Battery. 2,044,923; June 23.
- Thompson, Harry C., New York, N. Y., assignor to Radio Corporation of America. Electron discharge device. 2,035,003; Mar. 24.
- Thompson, Harry C., Montclair, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Tuning indicator tube. 2,051,188; Aug. 18.
- Thompson, Harry W., and J. T. Rutherford, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Apparatus for hydrolizing acid sludge. 2,026,714; Jan. 7.
- Thompson, Henry C., Longmeadow, Mass. Floor waxing device. 2,061,218; Nov. 17.
- Thompson, Henry R., assignor of one-half to E. T. Fenwick, East Falls Church, Va. Junction box. 2,044,650; June 16.
- Thompson, Herbert A., Benton, Northumberland, England. Separator for liquids having different specific gravities. 2,036,730; Apr. 7.
- Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuits. 2,034,496; Mar. 17.
- Thompson, Howard A., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Illuminated panel. 2,035,998; Mar. 31.
- Thompson, Howard E., San Francisco, Calif. Building block. 2,031,194; Feb. 18.
- Thompson, Howard E., San Francisco, Calif. Toy locomotive, train, and track. 2,031,195; Feb. 18.
- Thompson, Jesse C. (See Kramer, P. H., and Thompson.)
- Thompson, John B. D., and S. F. Udstad, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Car construction. 2,036,555; Apr. 7.
- Thompson, John M., Menominee, Mich. Scale preventer. 2,058,370; Oct. 20.
- Thompson, Joseph C., Lima, Ohio. Ice cube thawing device. 2,035,679; Mar. 31.
- Thompson, Joseph S., Palo Alto, and B. E. Menzies, San Mateo, assignors to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Disconnecting switch. 2,041,877; May 26.
- Thompson, Joseph V., Buckeye, Tex. Rice wagon. 2,061,954; Nov. 24.



- Thompson, Leland E., Audubon, N. J., assignor to Radio Corporation of America. Automatic volume control arrangement. 2,031,238; Feb. 18.
- Thompson, Louis T. E., Dahlgren, Va., assignor of one-third to Henry C. Parker, Washington, D. C. Toy bombing plane. 2,059,418; Nov. 3.
- Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Electrical regulator. 2,033,013; Mar. 3.
- Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Electrical resistance device. 2,033,015; Mar. 3.
- Thompson, Louis W., Schenectady, and B. M. Cain, Ballston Lake, N. Y., assignors to General Electric Company. Electrical regulation. 2,033,014; Mar. 3.
- Thompson, Lyman F., Prairie Grove, Ark. Belt guard. 2,048,171; July 21.
- Thompson Manufacturing Company. (See Thompson, Walter Van E., assignor.)
- Thompson, Milton E., Ridgway, Pa. Operating small output alternating current motors and circuit arrangements therefor. 2,040,508; May 12.
- Thompson, Milton E., Ridgway, Pa. Synchronous motor. 2,047,528; July 14.
- Thompson, Oscar, et al. (See McDowell, John, J. F., and E., assignors.)
- Thompson, Owen A., Independence, Kans. Burial vault. 2,036,108; Mar. 31.
- Thompson, Paul S. (See Sparks, Louis J., assignor.)
- Thompson, Peter O., Perry, Iowa. Detachable sweep blade. 2,062,197; Nov. 24.
- Thompson, Peyton M., Mansfield, Ohio. Machine for dusting bran. 2,037,100; Apr. 14.
- Thompson Products Incorporated. (See Colwell, Archie T., assignor.)
- Thompson Products, Inc. (See Colwell, A. T., and Townhill, assignors.)
- Thompson Products, Incorporated. (See Crawford, Frederick C., assignor.)
- Thompson Products Incorporated. (See Hufferd, George H., assignor.)
- Thompson Products, Incorporated. (See Hufferd, G. H., and Newey, assignors.)
- Thompson Products Incorporated. (See Kelleher, Daniel, assignor.)
- Thompson Products, Incorporated. (See Spire, William H., assignor.)
- Thompson Products, Incorporated. (See Sullins, Marion W., assignor.)
- Thompson, Ralph E., Brookline, assignor to Emerson Apparatus Company, Melrose, Mass. Razor blade. 2,030,833; Feb. 11.
- Thompson, Ralph S. (See Sharkey, W. E., and Thompson.)
- Thompson, Richard, Los Angeles, Calif. Power plant mounting for vehicles. 2,048,959; July 28.
- Thompson, Richard, Los Angeles, Calif. Gear shift mechanism. 2,052,042; Aug. 25.
- Thompson, Richard, Los Angeles, Calif. Charge forming device. 2,064,185; Dec. 15.
- Thompson, Russell G., assignor to Electromatic Typewriters, Inc., Rochester, N. Y. Typewriting machine. 2,063,530; Dec. 8.
- Thompson, Russell G., Rochester, N. Y., assignor to Underwood Elliott Fisher Company. Typewriting machine. 2,065,629; Dec. 29.
- Thompson, Seth W., Essex Fells, N. J. Drive for individually sprung wheels. 2,065,767; Dec. 29.
- Thompson, Theodore F., Des Moines, Iowa. Transmission control. 2,051,917; Aug. 25.
- Thompson, Tom H., Detroit, Mich. Shrouded helical spring mounting for automobiles. 2,045,031; June 23.
- Thompson, Torvald, New York, N. Y. Joint. 2,041,031; May 19.
- Thompson, Walter N., La Habra, Calif. Tubing head. 2,042,745; June 2.
- Thompson, Walter Van E., assignor to Thompson Manufacturing Company, Los Angeles, Calif. Irrigation sprinkler. 2,047,716; July 14.
- Thompson, Walter Van E., assignor to Thompson Manufacturing Company, Los Angeles, Calif. Full circle sprinkler. 2,065,161; Dec. 22.
- Thompson, Wayne B., Winchester, Mass. Apparatus for applying flock. 2,041,627; May 19.
- Thompson, Wayne B., Winchester, assignor to Spray Engineering Company, Somerville, Mass. Highway marker. 2,064,504; Dec. 15.
- Thompson, Wayne B., Winchester, assignor to Spray Engineering Company, Somerville, Mass. Apparatus or tool for applying flock. 2,064,505; Dec. 15.
- Thompson, Wayne B., Winchester, assignor to Spray Engineering Company, Somerville, Mass. Valve. 2,064,769; Dec. 15.
- Thompson, Willard W. (See Hixon, A. J., and Thompson.)
- Thompson, William, Fisk, Mo. Brake. 2,041,980; May 26.
- Thompson, William, assignor of one-half to E. Sagar, LaGrande, Ore. Trailer truck. 2,038,863; Apr. 28.
- Thompson, William A., Walkerton, Ontario, Canada. Stovepipe and chimney scraper. 2,058,112; Oct. 20.
- Thompson, William D., assignor to Hutchins Car Roofing Company, Detroit, Mich. Car roof for hopper cars. 2,039,502; May 5.
- Thompson, William G., Wembley, assignor to The General Electric Company Limited, London, England. Electrode arrangement for controlling electric arcs. 2,031,435; Feb. 18.
- Thompson, William M., Meadville, Pa. Cutting tool. 2,061,491; Nov. 17.
- Thoms, Alexander P., and C. A. Keller, Chicago, Ill. Cable saddle. 2,050,510; Aug. 11.
- Thomsen, Alfred M., San Francisco, Calif. Utilization of sugarcane bagasse. 2,031,239; Feb. 18.
- Thomsen, Alfred M., San Francisco, Calif., assignor to Thomsen Chemical Corporation. Reclamation of battery plate scrap. 2,049,633; Aug. 4.
- Thomsen, Alfred M., San Francisco, Calif., assignor to Thomsen Chemical Corporation. Making of lead arsenate. 2,057,985; Oct. 20.
- Thomsen, Carl L., Milwaukee, Wis. Poultry feeding and watering device. 2,062,239; Nov. 24.
- Thomsen Chemical Corporation. (See Thomsen, Alfred M., assignor.)
- Thomson, Thomas S., Kansas City, Mo. Tool for concrete formwork. 2,060,646; Nov. 10.
- Thomson, Arthur A. B., Winchester, and Geoffrey H. Cooke, London, England. Mechanism for carrying or releasing loads from aircraft. 2,065,990; Dec. 29.
- Thomson Electric Welding Company. (See Smith, Herbert M., assignor.)
- Thomson, Gilbert A., Coffeyville, Kans. Spectacles. 2,045,622; June 30.
- Thomson, Gilbert A., Coffeyville, Kans. Spectacles. 2,060,700; Nov. 10.
- Thomson, Homer G., Milwaukee, Wis. Ceramic kilning and making building units. 2,052,324; Aug. 25.
- Thomson, Homer G., assignor to Allen-Bradley Company, Milwaukee, Wis. Fixed resistor unit and forming the same. 2,037,951; Apr. 21.
- Thomson, Howard M. (See Bailey, A., and Thomson.)
- Thomson, John, Buffalo, N. Y. Liquid dispensing apparatus. 2,028,302; Jan. 21.
- Thomson, Judson I., Manufacturing Company. (See Hayener, Arthur R., assignor.)
- Thomson Machine Company. (See Parsons, Edward T., assignor.)
- Thomson, Mitchell G., Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Coating composition. 2,057,600; Oct. 13.
- Thomson, Robert, Arlington, N. J., assignor to Dardet Threadlock Corporation, New York, N. Y. Thread cutting tool. 2,029,514; Feb. 4.
- Thomson, Robert, Arlington, N. J., assignor to Dardet Threadlock Corporation, New York, N. Y. Treating metal-coated screws. 2,058,841; Oct. 27.
- Thomson, Robert F. (See Fairweather, D. A. W., and Thomson.)
- Thomson, Robert F., W. Smith, and J. Primrose, Grangemouth, Scotland, assignors to Imperial Chemical Industries Limited. Dichloro-anthraquinone-acridones and preparing the same. 2,043,078; June 2.
- Thomson, Robert G., et al. (See Jones, David, assignor.)
- Thomson, S. H., Manufacturing Company, The. (See Hummert, Robert H., assignor.)
- Thorn, Harry, Monson, Mass. Electrical outlet plug. 2,049,093; July 28.
- Thormeyer, Hans, Berlin, Germany. Turbine-driven vessel. 2,031,436; Feb. 18.
- Thorn, Charles C., Camden, N. J. Railway switch mechanism. 2,031,513; Feb. 18.
- Thornberry, Albert E., Cambridge, Ohio. Dental instrument. 2,044,410; June 16.
- Thornburg, Herbert W., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Hopper. 2,040,111; May 12.
- Thorndike, Herbert A., Orlando, Fla., assignor to General Engineering Co., Inc., Fitchburg, Mass. Sandblast nozzle. 2,059,294; Nov. 3.
- Thorndyke, John T., Los Angeles, assignor of one-third to A. W. Knight, South Pasadena, Calif. Mineral wool. 2,051,279; Aug. 18.
- Thorne, Charles B. (See Irwin, J. P., Thorne, and Cox.)
- Thorne, Charles B., deceased, Shaker Heights, Ohio, E. T. Thorne, administratrix. Method of and apparatus for cleaning gases. 2,064,960; Dec. 22.
- Thorne, Estelle T., administratrix. (See Irwin, J. P., Thorne, and Cox.)
- Thorne, Estelle T., administratrix. (See Thorne, Charles B.)
- Thorne, Ward, Chicago, Ill. Fertilizer mixer and sprayer. 2,030,278; Feb. 11.
- Thornton, Elliot I., Slaton, Tex. Pump. 2,039,570; May 5.
- Thornton, Fred O., Jr. (See Galligan, J. J., and Thornton.)
- Thornton, Howard, Cranston, R. I. Pencil. 2,052,501; Aug. 25.
- Thornton, Howard, Providence, assignor of one-half to C. A. Sjoquist, Cranston, R. I. Table and floor lamp. 2,048,577; July 21.
- Thornton, James K., Alma, Mich. Method and apparatus for maintaining a constant temperature within an inclosure. 2,061,116; Nov. 17.
- Thornton, John E., Jersey, Channel Isles. Production of color cinematograph films. 2,040,575; May 12.
- Thornton, Ray, Dearborn, assignor to Patent Developers, Inc., Detroit, Mich. Auxiliary drive axle attachment for motor vehicles. 2,047,088; July 7.
- Thornton, Theodore. (See Hunt, J. E., and Thornton.)
- Thorp, James M. (See Younger, Joshua M., assignor.)
- Thorp, James M., Alameda, Calif. Solar bathing window. 2,044,030; June 16.



- Thorp, Joel R., West Allis, assignor to The Fulton Company, West Allis, Wis. Vehicle ventilating device. 2,033,454; Mar. 10.
- Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Ventilating wing. 2,033,455; Mar. 10.
- Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Ventilating wing. 2,062,483; Dec. 1.
- Thorp, Joel R., and S. Strand, assignors to The Fulton Company, West Allis, Wis. Brake extension lever. 2,065,837; Dec. 29.
- Thorp, Kermit O., River Edge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective calling circuits. 2,063,354; Dec. 8.
- Thorpe, Milford, McKinley, Wis. Milk can indicator. 2,037,288; Apr. 14.
- Thorsson, Matthew T., East Williston Park, Long Island, assignor to International Business Machines Corporation, New York, N. Y. Testing machine. 2,059,761; Nov. 3.
- Thorstensen, Charles H., assignor to Rotary Patented Displays, Inc., Ogden, Utah. Merchandise display and ordering device. 2,044,518; June 16.
- Thrasher, William B., and J. Daniels, San Antonio, Tex. Lamp of the luminous discharge tube type. 2,065,252; Dec. 22.
- Thrift, Dean, San Antonio, Tex. Method and apparatus for core drilling. 2,046,798; July 7.
- Thron, Heinrich. (See Johannesohn, F., and Thron.)
- Thrush, Homer A., Peru, Ind. Flexible coupling. 2,054,009; Sept. 8.
- Thuesen, Dagfinn G., Bloomfield, N. J., assignor to The Egyptian Lacquer Manufacturing Company, New York, N. Y. Cuticle remover and removing cuticle. 2,041,158; May 19.
- Thulman, Robert K., Larchmont, assignor to Lawler Automatic Controls, Mount Vernon, N. Y. Heating system. 2,065,481; Dec. 22.
- Thum, August. (See Schaure, W. T., and Thum.)
- Thum, Walter A. (See Chapin, Fenton G., assignor.)
- Thum, Walter A. (See Shickman, A. J., and Thum.)
- Thum, Walter A., St. Louis, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-setting means. 2,054,170; Sept. 15.
- Thumim, Carl, Philadelphia, Pa., assignor to General Electric Company. Electric circuit interrupter. 2,031,514; Feb. 18.
- Thumim, Carl, Philadelphia, Pa., assignor to General Electric Company. Electrical switch gear. 2,035,771; Mar. 31.
- Thumim, Carl, Yeadon, Pa., assignor to General Electric Company. Electric switch gear. 2,057,546; Oct. 13.
- Thums, Adolphus E., Newark, N. J. Article carrier. 2,031,866; Feb. 25.
- Thuras, Albert L., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound translating device. 2,037,185; Apr. 14.
- Thuras, Albert L., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,041,157; May 19.
- Thurber, Edward J., assignor of one-half to R. K. Rothrock, New Orleans, La. Automatic gear shifting device. 2,045,500; June 23.
- Thurm, Alfred. (See Raack, M., and Thurm.)
- Thurman, Benjamin H., Bronxville, A. W. Thomas, New York, and M. Mattikow, Brooklyn, N. Y., assignors, by mesne assignments, to Refining, Inc., Reno, Nev. Oil-proofing material and product thereof. 2,039,753; May 5.
- Thurston, Charles A., Haverhill, assignor to J. W., W. W., and J. J. Herlihy, Haverhill, doing business as Lowell Counter Company, Lowell, Mass. Shoe counter. 2,028,111; Jan. 14.
- Thurston, Ernest B., J. A. Brubaker and F. F. Turner, assignors to The Houghton Elevator & Machine Company, Toledo, Ohio. Elevator operating apparatus. 2,062,432; Dec. 1.
- Thurston, Howard. (See Massey, Edward M., assignor.)
- Thurston, Robert R., Beacon, assignor to The Texas Company, New York, N. Y. Bituminous dispersions. 2,037,669; Apr. 14.
- Thwaits, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Trailer tank assemblage. 2,061,117; Nov. 17.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Brake operating mechanism. 2,045,886; June 30.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Shock absorber. 2,057,120; Oct. 13.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,063,567; Dec. 8.
- Tibbitts, Gordon C. (See Olsen, F., Tibbitts, and Kerone.)
- Tibbott, David W., Newton, assignor to Whittemore Bros. Corp., Cambridge, Mass. Shoe holder. 2,050,868; Aug. 11.
- Tice, Percival S., Chicago, Ill. Fuel supply system. 2,033,211; Mar. 10.
- Ticknor, Arthur A. (See Klipstein, K. H., and Ticknor.)
- Tidd, Warren H. (See Green, E. I., Monk, and Tidd.)
- Tidd, Warren H. (See Green, E. I., and Tidd.)
- Tidd, Warren H., White Plains, N. Y., assignor to American Telephone and Telegraph Company. Radio and wire broadcasting system. 2,048,828; July 28.
- Tidd, Warren H., White Plains, N. Y., assignor to American Telephone and Telegraph Company. Common medium multichannel exchange system. 2,064,961; Dec. 22.
- Tiddy, William, Scarsdale, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Carbureted water gas set. 2,064,007; Dec. 15.
- Tide Water Oil Company. (See Bailey, D. P., Beattie, and Tyler, assignors.)
- Tide Water Oil Company. (See Rembert, Ernest W., assignor.)
- Tiede, Walter W., Detroit, Mich. Tablet holder. 2,060,406; Nov. 10.
- Tiedemann, Clinton C., assignor of one-third to W. W. Austin and one-third to F. A. Murrman, South Bend, Ind. Brush mat. 2,056,058; Sept. 29.
- Tiedemann, Julius B., assignor to A. O. Smith Corporation, Milwaukee, Wis. Power press drive and control. 2,039,128; Apr. 28.
- Tiedemann, Julius B., assignor to A. O. Smith Corporation, Milwaukee, Wis. Machine drive. 2,039,754; May 5.
- Tiedemann, Julius B., assignor to A. O. Smith Corporation, Milwaukee, Wis. Machine and work positioning mechanism. 2,039,755; May 5.
- Tiedemann, Julius B., assignor to A. O. Smith Corporation, Milwaukee, Wis. Conveyor. 2,048,960; July 28.
- Tiedemann, Julius B., assignor to A. O. Smith Corporation, Milwaukee, Wis. Frame transferring mechanism and drive therefor. 2,057,351; Oct. 13.
- Tiefenbacher, Thomas B., Paterson, N. J. Tool holder. 2,035,999; Mar. 31.
- Tierney, Columbus A. (See Eager, W. W., and Tierney.)
- Tiesler, Alfred, Wittenberge, near Potsdam, Germany, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,047,754; July 14.
- Tietig, Chester, Kenton Hills, Ky. Lubricating composition. 2,063,473; Dec. 8.
- Tietig, Chester, assignor to Kelley-Koett Mfg. Co., Covington, Ky. Oil-filled high voltage cable. 2,064,326; Dec. 15.
- Tietz, William J., Hinsdale, and F. J. Lengvenis, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Measuring fluid pressure. 2,040,285; May 12.
- Tietze, Elisabeth, née Friedrich. (See Schönfelder, Herbert, assignor.)
- Tietze, Ernst. (See Bergdolt, A., Ossenbeck, Tietze, and Gund.)
- Tietze, Ernst. (See Hilger, J., Ossenbeck, and Tietze.)
- Tietze, Ernst. (See Taube, C., and Tietze.)
- Tiffany, Burton E., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating medium. 2,058,924; Oct. 27.
- Tiffany, Frank J., assignor to Harvey Hubbell, Inc., Bridgeport, Conn. Attachment plug cap. 2,033,960; Mar. 17.
- Tiffany, Homer A., Clifton, N. J. Rotary projector head for oil burners. 2,030,123; Feb. 11.
- Tiffany, Homer A., Glen Rock, N. J. Burning liquid fuels. 2,030,124; Feb. 11.
- Tift, John A. (See Durnell, J. S., and Tift.)
- Tiger, Howard L., assignor to The Permutit Company, New York, N. Y. Hydrometer. 2,061,722; Nov. 24.
- Tigerman, Joseph H., Chicago, Ill. Amusement apparatus. 2,052,678; Sept. 1.
- Tigerman, Milton N., assignor to R. T. Moloney, Chicago, Ill. Pinball game. 2,051,229; Aug. 18.
- Tigerschild, Kjell M., Stockholm, and K. Bonthron, Fagersta, Sweden. Producing sintered hard metal alloys. 2,051,972; Aug. 25.
- Tighe, Edward A., New York, N. Y. Electric candle. 2,032,451; Mar. 3.
- Tilburn, Albert E., St. Kilda, Victoria, assignor to Bitless Bridles Proprietary Limited, Melbourne, Victoria, Australia. Bridle. 2,055,395; Sept. 22.
- Tilburn, Cyril L., Shanghai, China. Oil burning stove. 2,054,717; Sept. 15.
- Tilbury, Lyle C., Houston, Tex., and G. F. Turechek, assignors to Technicraft Engineering Corporation, Los Angeles, Calif. Well cleaner. 2,043,340; June 9.
- Tiley, George E., Woodhaven, assignor to General Chemical Company, New York, N. Y. Railway car. 2,030,553; Feb. 11.
- Tillberg, Olof V. (See Lundborg, B. H., and Tillberg.)
- Tillett, Frederick G., Eastbourne, England. Marking articles of clothing and the like for laundry and similar purposes. 2,041,628; May 19.
- Tilley, John N. (See Handforth, S. L., and Tilley.)
- Tilley, Norman L., Fisher, Ark. Rail joint. 2,052,502; Aug. 25.
- Tilley, Norman N., assignor to Continental Motors Corporation, Detroit, Mich. Reversible starter and generator drive for engines. 2,053,354; Sept. 8.
- Tillie, Gaston. (See Blanchet, P., and Tillie.)
- Tillotson, Carol. (See Zempel, Edward A., assignor.)
- Tillotson, Edwin W. (See McGregor, R. R., and Tillotson.)
- Tillotson, Fred N., Battle Creek, Iowa. Adjustable roof for haystacks. 2,051,230; Aug. 18.
- Tillotson, Neil E., Watertown, Mass. Article of wearing apparel and method of producing. 2,060,961; Nov. 17.
- Tillyer, Edgar D., Southbridge, assignor to American Optical Company, Southbridge, Mass. Aligning and holding lens elements. 2,042,565; June 2.



- Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Making ophthalmic lenses. 2,049,094; July 28.
- Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 2,049,095; July 28.
- Tillyer, Edgar D., Southbridge, and H. R. Moulton, Sturbridge, assignors to American Optical Company, Southbridge, Mass. Ophthalmic lens. 2,033,101; Mar. 3.
- Tillyer, Edgar D., and H. W. Hill, assignors to American Optical Company, Southbridge, Mass. Ophthalmic lens. 2,048,304; July 21.
- Tilton, Fred N., Hartford, Conn. Screw. 2,039,368; May 5.
- Timber Engineering Company. (See Horner, Arthur C., assignor.)
- Timbs, Edward. (See Young, F. J., Walters, and Timbs.)
- Timbs, Edward, Los Angeles, and D. A. Murphy, Torrance, Calif., assignors to The National Superior Company, Toledo, Ohio. Swivel. 2,029,598; Feb. 4.
- Timian, Harold H. (See Kalb, L. P., and Timian.)
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,043,079; June 2.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,049,596; Aug. 4.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Ignition timing device control mechanism. 2,062,484; Dec. 1.
- Timian, Harold H., and E. R. Jacoby, assignors to Continental Motors Corporation, Detroit, Mich. Engine. 2,065,630; Dec. 29.
- Timken-Detroit Axle Company, The. (See Alden, Herbert W., assignor.)
- Timken-Detroit Axle Company, The. (See Alden, H. W., and Buckendale, assignors.)
- Timken-Detroit Axle Company, The. (See Davis, Charles C., assignor.)
- Timken-Detroit Axle Company, The. (See Keese, Beverly W., assignor.)
- Timken-Detroit Axle Company, The. (See Morgan, Mathew B., assignor.)
- Timken, Henry H., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing axle. 2,026,807; Jan. 7.
- Timken, Henry H., assignor to The Timken Roller Bearing Company, Canton, Ohio. Making brake drums. 2,044,924; June 23.
- Timken-Michigan Company. (See Clark, Elson S., assignor.)
- Timken Roller Bearing Company, The. (See Assel, Walter J., assignor.)
- Timken Roller Bearing Company, The. (See Baker, John B., assignor.)
- Timken Roller Bearing Company, The. (See Boden, Ernest G., assignor.)
- Timken Roller Bearing Company, The. (See Buckwalter, Tracy V., assignor.)
- Timken Roller Bearing Company, The. (See Cox, William P., assignor.)
- Timken Roller Bearing Company, The. (See Eastburg, Clifford L., assignor.)
- Timken Roller Bearing Company, The. (See Ellis, Llewellyn M., assignor.)
- Timken Roller Bearing Company, The. (See Frank, Pardee H., assignor.)
- Timken Roller Bearing Company, The. (See Hektner, Joel, assignor.)
- Timken Roller Bearing Company, The. (See Hexamer, Homer L., assignor.)
- Timken Roller Bearing Company, The. (See Klamp, Paul, assignor.)
- Timken Roller Bearing Company, The. (See McCollam, C. H., Warrick, and Gotshall, assignors.)
- Timken Roller Bearing Company, The. (See Moore, Whitely B., assignor.)
- Timken Roller Bearing Company, The. (See Moreland, Stephen T., assignor.)
- Timken Roller Bearing Company, The. (See Peterman, Albert J., assignor.)
- Timken Roller Bearing Company, The. (See Proffitt, Russell P., assignor.)
- Timken Roller Bearing Company, The. (See Sanders, Walter C., assignor.)
- Timken Roller Bearing Company. (See Scribner, William L., assignor.)
- Timken Roller Bearing Company, The. (See Timken, Henry H., assignor.)
- Timken Roller Bearing Company, The. (See Umstatted, William E., assignor.)
- Timken Roller Bearing Company, The. (See Weckstein, Samson M., assignor.)
- Timken Roller Bearing Company, The. (See Weinert, Carl R., assignor.)
- Timken Roller Bearing Company, The. (See Wilson, Paul N., assignor.)
- Timken Roller Bearing Company, The. (See Wood, Henry H., assignor.)
- Timken Silent Automatic Company, The. (See Cole, Frank O.)
- Timken-Silent Automatic Company, The. (See Powers, Milton A., assignor.)
- Timlowski, Edward R. (See Huttinger, C. A., and Timlowski.)
- Timm, Paul C. and W. P., Lincoln, Nebr. Automatic furnace heat regulator. 2,028,363; Jan. 21.
- Timm, William P. (See Timm, Paul C. and W. P.)
- Timmerbeil, Erich, Schwelm in Westphalia, Germany. Tool for joining the ends of iron bands. 2,040,576; May 12.
- Timmins, Jules R. (See Scott, Allen N., assignor.)
- Timpson, Lewis G. M., Plainfield, N. J., assignor to Pyrene-Minimax Corporation. Method and apparatus for producing fire extinguishing foam. 2,057,218; Oct. 13.
- Timson, William, Soho Foundry, Birmingham, assignor to W. & T. Avery Limited, Birmingham, England. Locking device for the indicating mechanism of weighing scales. 2,034,847; Mar. 24.
- Tingay, Justin E. (See Hybinette, S. E., and Tingay.)
- Tinius Olsen Testing Machine Company. (See Lewis, Robert B., assignor.)
- Tinius Olsen Testing Machine Company. (See Warner, David M., assignor.)
- Tinker, Herbert W. (See Hansen, F. D., and Tinker.)
- Tinker, Herbert W., Milwaukee, Wis., assignor to Lyon Cover Company, Detroit, Mich. Display rack. 2,035,105; Mar. 24.
- Tinker, John M., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separation of 1,8- and 1,5-naphthylamine-sulphonic acids. 2,036,661; Apr. 7.
- Tinker, John M., South Milwaukee, and V. M. Weinmayr, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Separation of isomeric chloro-methyl-anthraquinones. 2,033,363; Mar. 10.
- Tinkham, Guy L. (See McCord, A. C., and Tinkham.)
- Tinkham, Guy L., assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Tray making apparatus. 2,031,345; Feb. 18.
- Tinkham, Guy L., assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Ice tray. 2,031,515; Feb. 18.
- Tinkham, Guy L., Detroit, Mich., assignor, by mesne assignments, to The Inland Manufacturing Company. Making expansion joints for ice trays. 2,057,457; Oct. 13.
- Tinkham, Guy L., assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Pressure cartridge. 2,061,641; Nov. 24.
- Tinley, Ernest L., Wolverhampton, England. Air control mechanism. 2,051,581; Aug. 18.
- Tinnerman, Albert H. (See Tinnerman, George A., assignor.)
- Tinnerman, Albert H., Cleveland, Ohio. Stove construction. 2,039,614; May 5.
- Tinnerman, Albert H., Cleveland, Ohio. Stove. 2,054,589; Sept. 15.
- Tinnerman, Albert H., Cleveland, Ohio. Stove construction. 2,055,564; Sept. 29.
- Tinnerman, Albert H., Cleveland, Ohio. Stove door construction. 2,059,060; Oct. 27.
- Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastener. 2,047,298; July 14.
- Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Spring fastener. 2,054,471; Sept. 15.
- Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening device. 2,062,685; Dec. 1.
- Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening device. 2,064,091; Dec. 15.
- Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Spring fastener. 2,064,092; Dec. 15.
- Tips Tool Company. (See Bodendieck, Henry W., assignor.)
- Tipton, Gerald A. (See Pinkerton, H. K., and Tipton.)
- Tirabasso, Michial A., Cleveland, Ohio. Vehicle jack. 2,031,393; Feb. 18.
- Tire Tools, Inc. (See Peaden, W. H., Horster, and O'Dell, assignors.)
- Tischbein, Willy, Leverkusen-Kuppersteg, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyeing and printing vegetable and artificial fibers. 2,061,860; Nov. 24.
- Tischer, Herman. (See Arge, H. C., and Tischer.)
- Tisdale, Wendell H. (See Calcott, W. S., Tisdale, and Flenner.)
- Tisdale, Wendell H., Wilmington, Del., and L. S. Bake, Pennsgrove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Combined fungicidal and insecticidal spray materials. 2,044,959; June 23.
- Tisdell, Thomas A. (See Rae, W. and Tisdell, assignors.)
- Tise, Thomas H., Winston-Salem, N. C. Air conditioning conduit. 2,032,103; Feb. 25.
- Tisza, Edmond T. (See Renshaw, R. R., Tisza, and Duesel.)
- Titan Company Incorporated. (See Ravnestad, Andreas J., assignor.)
- Titanite Alloys Corporation. (See Bates, John B., assignor.)
- Titanium Alloy Manufacturing Company, The. (See Comstock, George F., assignor.)
- Titanium Alloy Manufacturing Company, The. (See Kinzie, Charles J., assignor.)
- Titanium Alloy Manufacturing Company, The. (See Kinzie, C. J., and Hake, assignors.)
- Titanium Pigment Company. (See McCallum, Jean, assignor.)
- Titanium Pigment Company. (See Schmidt, Charles L., assignor.)



- Titanium Pigment Company. (See Washburn, W. F., and Kingsbury, assignors.)
- Titchener, E. H. & Co., et al. (See Stepbach, Robert F., assignor.)
- Titcomb, Lee R., New Haven, Conn. Valve. 2,051,355; Aug. 18.
- Titcomb, William S., Andover, assignor to Shoe Lace Company, Boston, Mass. Covering articles. 2,030,160; Feb. 11.
- Titcomb, William S., Andover, assignor to Shoe Lace Company, Boston, Mass. Braid. 2,030,947; Feb. 18.
- Titone, Joseph. (See Mendel, W., and Titone.)
- Titus, Grover I. (See Karst, M. F., and Titus.)
- Titus, Leon D., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Seaming and soldering machine for metal can bodies. 2,059,061; Oct. 27.
- Tjaarda, John, Birmingham, Ala., assignor to Briggs Manufacturing Company, Detroit, Mich. Plumbing fixture. 2,031,679; Feb. 25.
- Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Instrument panel. 2,039,503; May 5.
- Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Wheel suspension and steering mechanism. 2,044,232; June 16.
- Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Instrument panel. 2,052,732; Sept. 1.
- Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Instrument panel. 2,066,021; Dec. 29.
- Toaz, Glenn A., et al. (See Brannen, Frank J., assignor.)
- Tobacco By-Products and Chemical Corporation. (See Moore, Warren, assignor.)
- Tobacco By-Products and Chemical Corporation. (See Taylor, C. C., and Galloway, assignors.)
- Tobacco Machine Supply Company. (See Whittles, George C., assignor.)
- Tobelman, Gustave H., South Orange, N. J., assignor to Bridgeport Brass Company, Bridgeport, Conn. Carrier tube. 2,031,988; Feb. 25.
- Tobin, Kenneth J., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,035,205; Mar. 24.
- Tobin, Kenneth J., Chicago, Ill., assignor, by mesne assignments, to Evans Products Company, Detroit, Mich. Automobile suspending means. 2,035,772; Mar. 31.
- Tobin, Kenneth J., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Door construction. 2,036,991; Apr. 7.
- Tobin, Kenneth J., Chicago, Ill., assignor, by mesne assignments, to Evans Products Company, Detroit, Mich. Transporting automobiles. 2,038,014; Apr. 21.
- Tobin, Kenneth J., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Closure means for stock cars. 2,045,168; June 23.
- Tobin, Kenneth J., Chicago, Ill., assignor, by mesne assignments, to Evans Products Company, Detroit, Mich. Automobile hold-down device. 2,046,855; July 7.
- Tobin, Kenneth J., Chicago, Ill., assignor, by mesne assignments, to Evans Products Company, Detroit, Mich. Automobile supporting structure. 2,046,856; July 7.
- Tobin, Kenneth J., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,055,807; Sept. 29.
- Tobin, Kenneth J., Chicago, Ill., assignor, by mesne assignments, to Evans Products Company, Detroit, Mich. Hold-down device for automobiles. 2,055,829; Sept. 29.
- Tobin, Kenneth J., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,058,742; Oct. 27.
- Tobin, Kenneth J., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Flexible car roof. 2,065,838; Dec. 29.
- Tobin, Kenneth J., and T. Madland, Chicago, Ill., assignors, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,027,566; Jan. 14.
- Tobin, Kenneth J., and C. E. Eklind, Chicago, Ill., assignors, by mesne assignments, to Evans Products Company, Detroit, Mich. Railway freight car construction. 2,028,574; Jan. 21.
- Tobold, Ewald F. (See Goff, W. F., and Tobold.)
- Tobold, Ewald F., assignor to The Dill Manufacturing Company, Cleveland, Ohio. Heater. 2,030,614; Feb. 11.
- Todd Combustion Equipment, Inc. (See Haag, Joseph, Jr., assignor.)
- Todd Combustion Equipment, Inc. (See McDonald, James, assignor.)
- Todd Company, The. (See Smith, Burgess W., assignor.)
- Todd, James D., L. E. May, and W. L. Newbury, assignors to The Sherwin-Williams Company, Chicago, Ill. Manufacture of azo colors. 2,028,958; Jan. 28.
- Todd, James D., L. E. May, and W. L. Newbury, assignors to The Sherwin-Williams Company, Chicago, Ill. Manufacture of azo colors. 2,028,959; Jan. 28.
- Todd, Joseph H., East Chicago, Ind. Multiple contact selector switch. 2,036,731; Apr. 7.
- Todd, Wallace S. (See Teller, W. R., Frankenthaler, and Todd.)
- Todd, Warren H. (See Clark, A. J., and Todd.)
- Todd, Frederick W., and J. H. Browning, Elkhart, Ind. Collapsible tube. 2,049,529; Aug. 4.
- Toehl, Hermann. (See Kalkbrenner, R., and Toehl.)
- Toehl, Hermann. (See Lubberhuizen, J. W., and Toehl.)
- Toelke, August F., Sun Prairie, Wis. Molding press. 2,052,061; Aug. 25.
- Toelle, Herbert E. (See Leins, O. J., and Toelle.)
- Toennies, Gerrit, Narberth, Pa. Oxidation products of cystine and related compounds and making the same. 2,049,480; Aug. 4.
- Toepfer, Peter H., Milwaukee, Wis. Vibrating screen. 2,053,585; Sept. 8.
- Toeplitz, Richard. (See Nietzel, J. A., and Toeplitz.)
- Toerpe, William J., Berkeley, Ill. Eye testing apparatus. 2,051,973; Aug. 25.
- Tohrner, Sadie K., New York, N. Y. Sanitary portable commode. 2,053,586; Sept. 8.
- Tokheim, John J., Cedar Rapids, Iowa. Apparatus for unloading liquid containers. 2,055,954; Sept. 29.
- Tokheim Oil Tank and Pulp Company. (See Brake, George U., assignor.)
- Tokheim Oil Tank and Pump Company. (See Wells, Glen R., assignor.)
- Told, Arnold H., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railroad signal. 2,030,190; Feb. 11.
- Toledo Engineering Company, Inc. (See Schwalbe, Franz G., assignor.)
- Toledo Hospital. (See Steinberg, Bernhard, assignor.)
- Toledo Pipe Threading Company, The. (See Vosper, Waynard R., assignor.)
- Toledo Pipe Threading Machine Company, The. (See Vosper, William W., assignor.)
- Toledo Porcelain Enamel Products Company, The. (See McLean, Lee R., assignor.)
- Toledo Porcelain Enamel Products Company, The. (See Young, Earl E., assignor.)
- Toledo Scale Manufacturing Company. (See Bennett, Geoffrey R., assignor.)
- Toledo Scale Manufacturing Company. (See Bennett, Stanley Q., assignor.)
- Toledo Scale Manufacturing Company. (See Herron, Richard H., assignor.)
- Toledo Scale Manufacturing Company. (See Hurt, Samuel N., assignor.)
- Toledo Scale Manufacturing Company. (See Marshall, Charles O., assignor.)
- Toledo Scale Manufacturing Company. (See Waltz, Foster V., assignor.)
- Toledo Scale Manufacturing Company. (See Weckerly, Mark A., assignor.)
- Toledo Scale Manufacturing Company. (See Williams, Lawrence S., assignor.)
- Tölk, Anton, Vienna, Austria. Compression refrigerating machine. 2,051,756; Aug. 18.
- Tollefsen, Carl T., Bygdøy, Oslo, Norway, assignor to Roneo Limited, London, England. Card index, file, and the like. 2,035,352; Mar. 24.
- Tollefsen, Reidar A. (See Klein, M., and Tollefsen.)
- Tollefsen, Reidar A., Sellersville, Pa., assignor to United States Gauge Company, New York, N. Y. Control device. 2,041,579; May 19.
- Tolman, Charles P., Kew Gardens, and J. T. Coghill, assignors, by mesne assignments, to The Noble & Wood Machine Co., Hoosick Falls, N. Y. Stuff treatment machine and junk remover. 2,042,566; June 2.
- Tolman, Hugh H., assignor, by mesne assignments, to The Ohio Art Co., Bryan, Ohio. Memorandum calendar or the like. 2,061,492; Nov. 17.
- Tolman, Newton F., Chesham, N. H. Ski. 2,055,757; Sept. 29.
- Tolmie, Ronald C., Rock Island, assignor to Deere & Company, Moline, Ill. Cutting mechanism. 2,057,860; Oct. 20.
- Tolson, William A., Westmont, N. J., assignor to Radio Corporation of America. Phase indicator. 2,036,444; Apr. 7.
- Tolson, William A., Erlton, N. J., assignor to Radio Corporation of America. System and method of operation for communication by television. 2,062,198; Nov. 24.
- Tolstouhoh, Alexander V. (See Ostromislensky, I., and Tolstouhoh.)
- Tomasello, Samuel J. (See Crower, Richard M., assignor.)
- Tomasulo, Nestor N., Philadelphia, Pa. Wall structure. 2,058,843; Oct. 27.
- Tomaszewski, Ignacy, et al. (See Suwalkowski, Joseph, assignor.)
- Tomita, Kenichi. (See Tomita, Rieo and K.)
- Tomita, Rice, Puunene, Hawaii. Closure for containers. 2,052,260; Aug. 25.
- Tomita, Rieo and K., Puunene, Hawaii. Toy firearm. 2,059,062; Oct. 27.
- Tomlin, John R., Alexandria, Va., assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Printing cylinder. 2,056,991; Oct. 13.
- Tomlinson, Charles H., assignor to The Tomlinson Coupler Company, Mansfield, Ohio. Coupling mechanism. 2,052,993; Sept. 1.
- Tomlinson Coupler Company, The. (See Tomlinson, Charles H., assignor.)
- Tomlinson, George H., Montreal, Quebec, Canada. Treating bleached pulp. 2,049,676; Aug. 4.
- Tomlinson, Henry H., Great Falls, Mont. Truck body. 2,047,602; July 14.
- Tomlinson, Thomas, North Wildwood, N. J. Heating and cooling system for automobiles. 2,036,556; Apr. 7.



- Tompkins, Charles A., Reno, Nev. Card table indicator. 2,046,799; July 7.
- Tompkins, Deal H. (See Magoun, G. L. and Tomkins.)
- Tompkins, Emerson H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Adjustable can opener and funnel. 2,058,925; Oct. 27.
- Tompkins, James G., Venice, assignor, by mesne assignments, to Patent Securities Corporation, Los Angeles County, Calif. Hose clip. 2,047,044; July 7.
- Tompkins, James G., Venice, assignor, by mesne assignments, to Patent Securities Corporation, Los Angeles County, Calif. Garment supporter. 2,058,644; Oct. 27.
- Tompkins, John A. (See Fisher, Edward H., assignor.)
- Tompkins, Marvin A., Akron, Ohio. Striking bag apparatus. 2,045,972; June 30.
- Tompkins, William J., et al. (See Dahlander, Noel L., assignor.)
- Tomplin, John R., Brooklyn, assignor to R. Hoe & Co., Inc., New York, N. Y.; Irving Trust Company, trustee. Web supply mechanism for printing machines. 2,045,059; June 23.
- Tompsett, Frank G., Omaha, Nebr. Motion lamp. 2,044,551; June 16.
- Tondreau, Albert W., Hollywood, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Film advancing mechanism for motion picture apparatus. 2,026,660; Jan. 7.
- Tondreau, Albert W., Hollywood, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Light trap for film magazines. 2,055,113; Sept. 22.
- Tondreau, Albert W., Glendale, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Motion picture camera. 2,061,178; Nov. 17.
- Tone, Frank J., assignor to The Carborundum Company, assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article. 2,033,263; Mar. 10.
- Tone, Thomas, Minneapolis, Minn., assignor to General Electric Company. Traffic signal controlled by vehicles. 2,050,637; Aug. 11.
- Tong, John W., and C. O. Thompson, Buffalo, N. Y. Automobile control device. 2,045,169; June 23.
- Tonkin, Samuel R., Salisbury, Southern Rhodesia. Crushing and/or grinding apparatus. 2,054,472; Sept. 15.
- Tonks, Lewi, Schenectady, N. Y., assignor to General Electric Company. High frequency oscillator. 2,051,623; Aug. 18.
- Tonn, Herman. (See Holsten, W., and Tonn.)
- Tönnies, Hans F., Altona-Grossflottbek, Germany. Exposure apparatus for cameras. 2,051,061; Aug. 18.
- Tooker, Edmund L., San Francisco, Calif. Control for power operated wringers. 2,055,225; Sept. 22.
- Toolan, John J., Chicago, Ill. Straw hopper and delivery mechanism for straw packaging machines and the like. 2,046,800; July 7.
- Toops, Herbert A., Columbus, Ohio. Examination conducting device. 2,052,369; Aug. 25.
- Tope, Wilbur G., Stockton, Calif. Racket string stretcher. 2,033,264; Mar. 10.
- Topham, Lawrence E., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe machine. 2,035,496; Mar. 10.
- Topliff, Oliver, Springfield, Ill. Airplane drive. 2,050,903; Aug. 11.
- Toppin, Francis V., Lyndhurst, N. J. Printing press and printing. 2,027,797; Jan. 14.
- Toppin, Francis V., Lyndhurst, N. J. Perpetual calendar ruler. 2,029,843; Feb. 4.
- Topping, John A., Bronxville, N. Y. Roofing and siding. 2,045,423; June 23.
- Topping, John A., Bronxville, N. Y. Covering element. 2,055,758; Sept. 29.
- Topstitch Machine Corp. (See Popper, Max, assignor.)
- Tor Equipment Company Limited. (See Monk, Basil, assignor.)
- Torchet, Pierre J. M., St. Jean de Maureinne, assignor to "Compagnie de Produits Chimiques et Electro-metallurgiques Alais, Froges et Camarque", Paris, France. Recovery of the gases and dust evolved in the electrolytic manufacture of aluminium. 2,031,554; Feb. 18.
- Toren, Joseph, Chicago, Ill. Door locking means. 2,065,839; Dec. 29.
- Torf, Jude. (See Hilton, Roland C., assignor.)
- Torigian, John, Queens Village, assignor to The Drug Products Co. Inc., Long Island City, N. Y. Colloidal copper solution. 2,028,575; Jan. 21.
- Torigian, John, Queens Village, N. Y., assignor to The Drug Products Co. Inc. Making a therapeutic composition. 2,034,783; Mar. 24.
- Torigian, John, Queens Village, assignor to The Drug Products Co. Inc., Long Island City, N. Y. Digitalis preparation. 2,052,150; Aug. 25.
- Torkelson, Frank C., Salt Lake City, Utah. Adjustable V-type pulley. 2,036,445; Apr. 7.
- Torkelson, Torkel E. (See Peirce, J. R., and Torkelson.)
- Torme, William D., Chicago, Ill., assignor to Walk-Em Corporation. Animated toy. 2,035,353; Mar. 24.
- Torme, William D., assignor to Walk-Em Corporation, Chicago, Ill. Toy. 2,035,624; Mar. 31.
- Tornberg, Isidor. (See Cullen, J. F., and Tornberg.)
- Tornberg, Isidor, Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web control for printing presses. 2,037,353; Apr. 14.
- Tornberg, Isidor, Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing device. 2,039,463; May 5.
- Tornberg, Isidor, Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Press motor drive. 2,053,979; Sept. 8.
- Tornblom, Nils A., Chicago, Ill., assignor to Appleton Electric Company. Actuating enclosed electric switches. 2,029,599; Feb. 4.
- Tornquist, Earl L., Elmhurst, Ill. Humidifier. 2,038,773; Apr. 28.
- Tornquist, Earl L., Oak Park, Ill. Fluid meter. 2,046,591; July 7.
- Tornquist, Harold S., assignor to Mason and Parker Manufacturing Co., Winchendon, Mass. Canopy frame for beach or lawn chairs. 2,062,240; Nov. 24.
- Toro Manufacturing Company. (See Clapper, John S., assignor.)
- Torok, Julius J., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical discharge device. 2,050,397; Aug. 11.
- Toronto Type Foundry Company. (See Huffman, Louis, assignor.)
- Torp, Raymond N., Union, N. J. Removable tooth mounting for dental models. 2,042,200; May 26.
- Torre, Antonio. (See Wilson, S. L., and Torre.)
- Torrese, Apollo, Philadelphia, Pa. Pipe. 2,040,190; May 12.
- Torrington Company, The. (See Brown, Edmund K., assignor.)
- Torrison, Edward L., San Francisco, Calif. Rubbing machine. 2,032,382; Mar. 3.
- Torsion Balance Company, The. (See Becker, Christopher A., assignor.)
- Torson, Martin G., Louisville, Ky. Air conditioning apparatus. 2,032,237; Feb. 25.
- Torulf, Helge G. (See Holmberg, Anders, assignor.)
- Toscano, Francisco, Los Banos, Calif. Electric signal. 2,030,279; Feb. 11.
- Toscano, Joseph, Brooklyn, N. Y. Shoe lasting jack. 2,031,868; Feb. 25.
- Tosterud, Martin. (See Mason, R. B., and Tosterud.)
- Tosterud, Martin, Arnold, assignor to Aluminum Company of America, Pittsburgh, Pa. Stabilizing reflectors. 2,045,286; June 23.
- Toth, Louis. (See Peremi, E., and Toth.)
- Touborg, Jens, assignor to Gibson Electric Refrigerator Corporation, Greenville, Mich. Evaporator. 2,052,370; Aug. 25.
- Touhey, Leo F., Detroit Lakes, Minn. Transporting material. 2,046,434; July 7.
- Touloumis, Simon, Long Island City, N. Y. Collar. 2,032,778; Mar. 3.
- Tour, Reuben S., Cincinnati, Ohio. Electrical circuits for gas-discharge tubes. 2,050,135; Aug. 4.
- Tour, Sam, New York, N. Y., and C. H. Marshall, Short Hills, N. J., assignors to Lucius Pitkin, Inc., New York, N. Y. Apparatus for testing materials by flexure. 2,049,235; July 28.
- Tourville, William J., Detroit, Mich. Regenerative open hearth furnace system. 2,046,419; July 7.
- Tourville, William J., assignor to The Detroit Steel Casting Company, Detroit, Mich. Conveyer. 2,059,063; Oct. 27.
- Tousley, Nelson E., Waban, assignor to Hood Rubber Company, Inc., Watertown, Mass. Boot with extension top. 2,054,958; Sept. 22.
- Toussaint, Heinrich, Berlin-Lankwitz, Germany. Rolled section for framing in mines and supporting structure for utilizing same. 2,062,686; Dec. 1.
- Toussaint, Stephen E., and J. F. Moore, Chicago, Ill. Building construction. 2,049,278; July 28.
- Toussaint, Walter J. (See Perkins, G. A., and Toussaint.)
- Toussaint, Walter J., South Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Hydrogenation of ethylpropylacrolein. 2,060,267; Nov. 10.
- Tout, Otis B., San Diego, Calif. Clothesline canopy. 2,039,504; May 5.
- Tow, James O., assignor to Snow Manufacturing Co., Los Angeles, Calif. Portable irrigation hydrant. 2,051,919; Aug. 25.
- Towart, Archie, Jr. (See Hill, V. J., Jr., Heigis, and Towart.)
- Towell, Oscar J., assignor to Bunte Brothers, Chicago, Ill. Collapsible display container. 2,048,205; July 21.
- Towell, Oscar J., assignor to Bunte Brothers, Chicago, Ill. Folding display container. 2,054,473; Sept. 15.
- Tower, Elmer V. J., North Syracuse, N. Y., assignor, by mesne assignments, of one-half to The Russell Manufacturing Company, Middletown, Conn., and one-half to Brown-Lipe Gear Company, Toledo, Ohio. Clutch transmitting disk. 2,029,515; Feb. 4.
- Tower, Elmer V. J., North Syracuse, N. Y., assignor of one-half to The Russell Manufacturing Company, Middletown, Conn., and one-half to Brown-Lipe Gear Company, Toledo, Ohio. Transmitting element. 2,029,516; Feb. 4.
- Tower, Elmer V. J., assignor to Motor Wheel Corporation, Lansing, Mich. Clutch construction. 2,065,631; Dec. 29.
- Towey, Yonovera, San Francisco, Calif. Girdle and combination girdle brassiere. 2,036,510; Apr. 7.



- Towne, Charles C., Elizabeth, N. J., assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbon gases. 2,047,499; July 14.
- Towne, Charles C., Poughkeepsie, assignor to The Texas Company, New York, N. Y. Dewaxing lubricating oil. 2,064,506; Dec. 15.
- Towne, Thomas M., Parma, Ohio. Inspection lens. 2,027,130; Jan. 7.
- Townhill, Arthur. (See Colwell, A. T., and Townhill.)
- Townley, Clarence B. L. (See Hafecost, F., and Townley.)
- Townley, Morris. (See Sullivan, William J., assignor.)
- Townsend, Claude M., Birmingham, England. Antifrictional bearing. 2,045,933; June 30.
- Townsend, Frank C. Topsham, Maine. Antiglare device for vehicle lamps. 2,059,762; Nov. 3.
- Townsend, Frank F., Hoboken, N. J. Air preheating system. 2,038,813; Apr. 28.
- Townsend, George E. (See Gould, George M., assignor.)
- Townsend, John S., and L. R. Tansley, assignors to Wilson & Bennett Manufacturing Company, Chicago, Ill. Can opening machine. 2,049,879; Aug. 4.
- Townsend, Robert E., Jr., Boston, Mass. Automatic electric signaling mechanism. 2,043,360; June 9.
- Townsend, Robert E., Jr., Boston, Mass. Key protector. 2,065,036; Dec. 22.
- Toy, Wesley H., Long Beach, assignor of one-half to Clarence W. Hoefer, Santa Ana, Calif. Thermostatic electric circuit control apparatus. 2,027,071; Jan. 7.
- Tozzi, Delfina B., Rivoli, near Turin, Italy, assignor to A. Russo, New York, N. Y. Lifting apparatus for motor vehicles. 2,054,455; Sept. 15.
- Tozzi, John J., New York, N. Y. Fruit box. 2,040,286; May 12.
- Trabold, Frank W., Detroit, Mich. Mixing gauge. 2,027,494; Jan. 14.
- Trabon Engineering Corporation. (See Hillis, David R., assignor.)
- Tracey, Bernard C., Schenectady, N. Y., assignor to General Electric Company. Eye protecting screen. 2,056,027; Sept. 29.
- Trachtenberg, Jakow, Berlin-Charlottenburg, Germany. Electrical multiple typewriter. 2,029,957; Feb. 4.
- Tracy, Clifton H., et al. (See Leslie, Thomas L., assignor.)
- Tracy, Jay B., Upper Darby, assignor to General Refractories Company, Philadelphia, Pa. Refractory brick construction. 2,037,289; Apr. 14.
- Tracy, Jay B., Upper Darby, assignor to General Refractories Company, Philadelphia, Pa. Refractory brick construction. 2,037,290; Apr. 14.
- Tracy, John M., assignor to The American Hardware Corporation, New Britain, Conn. Sash lock. 2,061,493; Nov. 17.
- Tracy Manufacturing Company. (See Brey, Eugene E., assignor.)
- Tracy Manufacturing Company. (See Newson, Wilferd F., assignor.)
- Tracy, Michael J., Robertson, Mo. Speaking panel. 2,045,424; June 23.
- Tracy, Michael J., Robertson, Mo. Jail and prison construction. 2,054,665; Sept. 15.
- Tracy, Robert W., assignor to The De Vilbiss Company, Toledo, Ohio. Spray head. 2,042,746; June 2.
- Tracy, Robert W., assignor to The De Vilbiss Company, Toledo, Ohio. Spray head. 2,046,592; July 7.
- Tracy, Robert W., assignor to The De Vilbiss Company, Toledo, Ohio. Spray gun. 2,052,953; Sept. 1.
- Tracy, Stark E., Omaha, Nebr. Railway switch. 2,039,200; Apr. 28.
- Tracy, Thomas N., Hamden, Conn. Mechanical chair. 2,053,852; Sept. 8.
- Traders Oil Mill Company. (See Harrell, T. J., and McMath, assignors.)
- Tradup, Albert, West Englewood, N. J., assignor to American Telephone and Telegraph Company. Annunciator system. 2,033,265; Mar. 10.
- Traeder, Alfred G., Chicago, Ill. Autographic register. 2,063,710; Dec. 8.
- Trafton, Ernest E., Boston, Mass., assignor to Avite Products, Inc., Charlestown, Mass. Filter. 2,065,768; Dec. 29.
- Trail, Herbert H., Vancouver, British Columbia, Canada, assignor to Motor Devices, Inc., Chicago, Ill. Controlling starting motor and ignition circuits. 2,032,775; Mar. 3.
- Trail, David, Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Treatment of benzyl cellulose. 2,059,619; Nov. 3.
- Trainer, James E., Barborton, Ohio, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Fin tube manufacture. 2,039,690; May 5.
- Trainer, James E., Fairlawn, Ohio, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Weldrod. 2,057,861; Oct. 20.
- Tramill, Charles, Kansas City, Mo. Sectional floor. 2,033,404; Mar. 10.
- Tramm, Heinrich, and R. Jung, assignors to Ruhrchemie Aktiengesellschaft, Oberhausen-Holten, Germany. Apparatus for the thermic treatment of gases. 2,047,397; July 14.
- Tramm, Heinrich, Oberhausen-Holten, and Walter Grimme, Oberhausen-Sterkrade, assignors to Ruhrchemie Aktiengesellschaft, Oberhausen-Holten, Germany. Production of hydrocyanic acid. 2,057,282; Oct. 13.
- Tramposch, Frank, Huntington Station, N. Y. Paint mixer. 2,027,297; Jan. 7.
- Tranaas, Emil L. (See Lichtenberg, E. H., Tranaas, and Steffen.)
- Trane Company, The. (See Anderegg, Reuben H., assignor.)
- Trane Company, The. (See Miner, Robert G., assignor.)
- Trangas, Ernest S., St. Petersburg, Fla. Self contained dispensing box. 2,036,109; Mar. 31.
- Tranin, Samuel, Kansas City, Mo. Treating egg whites. 2,056,082; Sept. 29.
- Transco Company. (See Moore, Horace T., assignor.)
- Transforma Aktiengesellschaft. (See Polak, Josef, assignor.)
- Transit Research Corporation. (See Brown, Alexander H., Jr., assignor.)
- Transit Research Corporation. (See Hirshfeld, Clarence F., assignor.)
- Transit Research Corporation. (See Piron, Emil H., assignor.)
- Transitone Automobile Radio Company. (See Leonard, Anthon A., assignor.)
- Translode Joint Company, The. (See Robertson, Robert R., assignor.)
- Translode Joint Company, The. (See Woodward, Edwin C., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Bowen, Lester W., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Curtis, Kenneth L., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Hamer, James H. S., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Hanks, Austin K., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Newman, David F., assignor.)
- Transparent-Wrap Machine Corporation. (See Zwoyer, Walter R., assignor.)
- Transportation Systems, Inc. (See Main, David W., assignor.)
- Traquair, John. (See Clark, J. d'A., and Traquair.)
- Trask, Allen, Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Fluid compressor. 2,065,162; Dec. 22.
- Tratsch, Walter A., and B. Grunig, Chicago, Ill. Coin chute. 2,026,921; Jan. 7.
- Tratsch, Walter A., and B. C. Grunig, Chicago, Ill. Printing device. 2,043,680; June 9.
- Tratsch, Walter A., and B. C. Grunig, Chicago, Ill. Coin chute. 2,049,597; Aug. 4.
- Tratsch, Walter A., and B. C. Grunig, Chicago, Ill. Coin and token separator. 2,053,503; Sept. 8.
- Tratsch, Walter A., and B. C. Grunig, Chicago, Ill. Game apparatus. 2,060,960; Nov. 17.
- Trattner, George, New York, and C. E. Kováč, Brooklyn, N. Y., said Kováč, assignor to said Trattner. Tooth brush. 2,066,241; Dec. 29.
- Traub, Wilhelm. (See Weth, M., and Traub.)
- Traugber, Gard F. (See Holland, S. S., Traugber, and McVey.)
- Traugott, Carl, Oldenburg, assignor to Norddeutsche Seekabelwerke Aktiengesellschaft, Nordenham, Germany. Manufacturing stranded conductors. 2,043,130; June 2.
- Traung Company, The. (See Sheedy, F. T., and Traung, assignors.)
- Traung, Louis. (See Sheedy, F. T., and Traung.)
- Traupar Manufacturing Company. (See Greene, Albert D., assignor.)
- Traut, Clifford, Newport, Ky., assignor to The Higgin Manufacturing Company. Collapsible stairway. 2,050,593; Aug. 11.
- Traut, George H., Sharon, Mass. Direction indicator for motor vehicles. 2,056,115; Sept. 29.
- Trautmann, Otto E., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Adjustable support. 2,065,952; Dec. 29.
- Trautwein, Friedrich, Zehlendorf, near Berlin, Germany. Arrangement for the production of musical sounds by electrical means. 2,039,201; Apr. 28.
- Travani, Celso, Milford, Mass. Clamping device. 2,039,369; May 5.
- Travatex Products Corporation. (See Cleghorn, Albert E., assignor.)
- Traver, Alfred E., Brooklyn, assignor to Socony-Vacuum Company, Incorporated, New York, N. Y. Comparative colorimeter. 2,042,281; May 26.
- Traver, Oliver C., Drexel Hill, and C. R. Mason, Media, Pa., assignors to General Electric Company. Protective apparatus. 2,030,665; Feb. 11.
- Travilla, James C. Jr., Philadelphia, Pa., assignor to Granite Steel Castings Corporation, Granite City, Ill. Locomotive structure. 2,065,632; Dec. 29.
- Travis, Charles, Philadelphia, Pa., assignor to Radio Corporation of America. Amplification control circuits. 2,034,497; Mar. 17.
- Travis, Charles, Philadelphia, Pa., assignor to Radio Corporation of America. Automatic volume control receiver. 2,039,615; May 5.
- Travis, Charles, Philadelphia, Pa., assignor to Radio Corporation of America. Detector distortion control. 2,053,449; Sept. 8.
- Travis, Charles, Philadelphia, Pa., assignor to Radio Corporation of America. Voltage multiplier. 2,056,376; Oct. 6.



- Travis, Don Carlos, Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Bedspring. 2,052,325; Aug. 25.
- Travis, Paul H., et al. (See Rodack, James, assignor.)
- Travis, Paul H., Detroit, Mich. Weather strip. 2,051,757; Aug. 18.
- Tray Service Company. (See Temperli, Edward D., assignor.)
- Trayer Products Incorporated. (See Mullin, Frank B., assignor.)
- Traylor Engineering & Manufacturing Company. (See Traylor, S. W., Jr., and Beyhl, assignors.)
- Traylor, Samuel W., Jr., and E. H. Beyhl, assignors to Traylor Engineering & Manufacturing Company, Allentown, Pa. Gyrotory crusher. 2,066,281; Dec. 29.
- Trayman, Albert, Seattle, Wash. Gold recovery device. 2,064,234; Dec. 15.
- Traynor, Carl, Bushton, N. Y. Trailer hitch. 2,037,403; Apr. 14.
- Treacy, Cyril S., Scarsdale, assignor to United Research Corporation, Long Island City, N. Y. Selenium cell manufacture. 2,053,881; Sept. 8.
- Treadwell Engineering Company. (See Mikaelson, E. W., and Hamilton, assignors.)
- Treanor, Edward D., Pittsfield, Mass., assignor to General Electric Company. Bushing for transformer casings. 2,029,140; Jan. 28.
- Treanor, Edward D., and H. M. Acly, Pittsfield, Mass., assignors to General Electric Company. Insulator. 2,061,412; Nov. 17.
- Treat, Basil E., Knoxville, Pa. Combined cigarette case and ash tray. 2,036,986; Apr. 7.
- Trebler, Henning A. (See Johnson, A. H., and Trebler.)
- Trefleries & Lamoins du Havre. (See Capdeville, Pierre T., assignor.)
- Treiber, Hans, assignor to Junkers & Co. G. m. b. H., Dessau, Germany. Liquid heater. 2,034,123; Mar. 17.
- Treiber, Otis D., assignor to Hercules Motors Corporation, Canton, Ohio. Internal combustion engine and cooling apparatus therefor. 2,037,354; Apr. 14.
- Treiber, Otis D., assignor to Hercules Motors Corporation, Canton, Ohio. Internal combustion engine and fuel pump apparatus therefor. 2,039,942; May 5.
- Treiber, Otis D., assignor to Hercules Motors, Corporation, Canton, Ohio. Compression ignition internal combustion engine. 2,062,951; Dec. 1.
- Treloggen, Wilfred C., Brockenhurst, England. Cable and rope winding appliances such as winches and hoists. 2,028,532; Jan. 21.
- Tremain, Ruth V. (See Henze, O. C. W., and Tremain.)
- Tremblay, Albert F., Union City, Ind. Glass feeding shelf. 2,028,960; Jan. 28.
- Tremblay, Albert F., Union City, assignor to Overmyer Mould Company, Winchester, Ind. Woodworking machine for making molds, models, etc. 2,047,603; July 14.
- Tremblay, Albert F., Winchester, Ind. Glass feeding apparatus. 2,046,195; June 30.
- Tremblay, Miles C., Lewiston, assignor of one-fourth to F. E. Clark, Mechanic Falls, and one-fourth to P. L. Clarry, Lewiston, Maine. System for feeding water to a steam generator. 2,039,265; Apr. 28.
- Trembour, Max R., Beaver, assignor to Jessop Steel Company, Washington, Pa. Making composite metal stock. 2,039,040; Apr. 28.
- Tremolada, Guglielmo, assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Brake construction for rotary draw-works. 2,053,541; Sept. 8.
- Tremolada, Guglielmo R. (See Barili, A. E. H., and Tremolada.)
- Tremouroux, Constantin E. (See Tremouroux, Constantin F. and C. E.)
- Tremouroux, Constantin F. and C. E., Ernage, Belgium. Reaper-binder. 2,041,981; May 26.
- Trenor, Albert D. (See Hammond, J. H., and Trenor.)
- Trent, Walter R. (See Whitmore, F. C., Homeyer, Jones, and Trent.)
- Trenton Spring Products Company. (See McCoy, Charles F., assignor.)
- Treppenhauer, Max. (See Wulff, Carl, and Treppenhauer.)
- Treptow, George R. (See Beauchamp, W. A., and Treptow.)
- Treptow, George R., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Door construction. 2,030,774; Feb. 11.
- Trescott Company, The. (See Trescott, Willis A., assignor.)
- Trescott, Willis A., assignor to The Trescott Company, Inc., Fairport, N. Y. Packing terminal for fruit sorting machines. 2,045,887; June 30.
- Treskow, Robert, Berlin-Steglitz, Germany. Pipe joint. 2,042,132; May 26.
- Tretolite Company. (See De Groote, Melvin, assignor.)
- Tretolite Company. (See De Groote, M., Adams, Keiser, and Wirtel, assignors.)
- Tretolite Company. (See De Groote, M., and Keiser, assignors.)
- Tretolite Company. (See De Groote, M., Keiser, and Wirtel, assignors.)
- Tretolite Company. (See Stehr, Charles N., assignor.)
- Trevaskis, Henry. (See Goodyear, E. F., Wright, and Trevaskis.)
- Trevellyan, Vernon B., Western Springs, assignor to Eagle Steel Wool Company, Chicago, Ill. Packaging of fibrous materials. 2,057,121; Oct. 13.
- Trevellyan, Vernon B., Western Springs, assignor to Eagle Steel Wool Company, Chicago, Ill. Package for fibrous materials. 2,057,122; Oct. 13.
- Trevor, Arthur H., Seattle, Wash. Airplane kite. 2,035,730; Mar. 31.
- Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Tuning means. 2,026,661; Jan. 7.
- Trew, James W., Gettysburg, assignor to Rice, Trew & Rice Co. Inc., Biglerville, Pa. Box lining. 2,038,774; Apr. 28.
- Triangle Safety Razor Company. (See Wolfe, John G., assignor.)
- Tribune Company, The. (See Wolf, Otto R., assignor.)
- Tricau, Gabriel, Paris, France. Parachute. 2,052,503; Aug. 25.
- Trice, Spencer T., Oklahoma City, Okla. Electric hemostat or cautery. 2,050,904; Aug. 11.
- Trickey, William W., Verona, N. J., assignor to Lock Joint Pipe Company, East Orange, N. J. Method for tapping pipe. 2,050,985; Aug. 11.
- Trico Fuse Mfg. Co. (See Jung, O. H., and Heffelfinger, assignors.)
- Trico Products Corporation. (See Dysktra, George, assignor.)
- Trico Products Corporation. (See Horton, Erwin C., assignor.)
- Trico Products Corporation. (See Horton, E. C., and Hueber, assignors.)
- Trico Products Corporation. (See Horton, Erwin C., assignor.)
- Trico Products Corporation. (See Hueber, H., and Horton, assignors.)
- Trico Products Corporation. (See Oishei, John R., assignor.)
- Trico Products Corporation. (See Oishei, J. R. and Chel-lew, assignors.)
- Trico Products Corporation. (See Paulus, William, assignor.)
- Tricolator Company Inc. (See Masin, J., and Richheimer, assignors.)
- Tricouni Société Anonyme. (See Genecand, Felix, assignor.)
- Tridex Machine Corporation. (See Alvord, Clayton H., assignor.)
- Trieschmann, Carl H., Milwaukee, Wis. Shirt cuff guard. 2,042,567; June 2.
- Triggs, Kenneth F., Huntington, Ind. Fireplace damper. 2,053,355; Sept. 8.
- Trimbach, Clem G., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Gun installation and firing means. 2,044,340; June 16.
- Trimbach, Clem G., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Flexible adapter for machine guns. 2,059,717; Nov. 3.
- Trimby, Edward J., Glens Falls, N. Y. Liquid pulp screen. 2,047,808; July 14.
- Trinca, Frederick, Long Island, N. Y. Beer metering device. 2,051,429; Aug. 18.
- Tring, Harry, Cleveland, Ohio. Cutting device. 2,057,547; Oct. 13.
- Trinkle, Dallas E. (See Bunker, L. J. P., and Trinkle.)
- Trion Company, The. (See Dunn, Carl L., assignor.)
- Tri-Pak Gun Kit, Inc. (See Ayer, Robert E., assignor.)
- Triple-A-Specialty Company. (See Eden, Harold W., assignor.)
- Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse. 2,066,129; Dec. 29.
- Triplett, Hugh A., Wilmette, and A. Ramsey, Evanston, assignors to Schweitzer & Conrad, Inc., Chicago, Ill. Resistance unit. 2,062,536; Dec. 1.
- Triplett, Ray L. (See Wenger, Floyd E., assignor.)
- Triplett, Ray L., Bluffton, Ohio. Radio tube socket. 2,033,405; Mar. 10.
- Triplett, Ray L., Bluffton, Ohio. Cable plug and latch holding the adapter. 2,038,862; Apr. 28.
- Triplett, Ray L., Bluffton, Ohio. Electrical testing instrument. 2,054,642; Sept. 15.
- Triploil Manufacturing Company. (See Crowley, H. G., and Riemenschneider, assignors.)
- Tripp, Augustus B., Schenectady, N. Y., assignor to General Electric Company. Piezoelectric crystal. 2,051,624; Aug. 18.
- Tripp, John P., Montreal, Quebec, Canada. Electric arc welding apparatus. 2,031,288; Feb. 18.
- Tripp, John P., Montreal, Quebec, Canada. Work supporting and rotating apparatus. 2,034,451; Mar. 17.
- Trippe, Graham, Chicago, Ill. Beam level indicator for automobile head lamps. 2,058,743; Oct. 27.
- Tritle, John F., Erie, Pa., assignor to General Electric Company. Circuit controller. 2,031,516; Feb. 18.
- Tritle, John F., Erie, Pa., assignor to General Electric Company. System and apparatus for motor control. 2,041,580; May 19.
- Tritle, John F., Erie, Pa., assignor to General Electric Company. Control system and apparatus. 2,064,637; Dec. 15.
- Tritle, John F., and J. W. McNairy, Erie, Pa., assignors to General Electric Company. Protective system. 2,059,064; Oct. 27.
- Tritton, Julian S., Surbiton Hill, England. Lamp control for vehicles. 2,050,770; Aug. 11.



- Triumph Hosiery Mills, Inc. (See Goodman, H. N., and Carrington, assignors.)
- Trobeck, Karl G. (See Bergström, H. O. V., Cederquist, and Trobeck.)
- Trobridge, Geoffrey W., Sutton Coldfield, E. A. Murphy, Wyde Green, and A. S. King, Sutton Coldfield, assignors to Dunlop Rubber Company, Limited, London, England. Production of play balls. 2,035,774; Mar. 31.
- Troedel, Albert T. (See Cooper, E. E., and Troedel.)
- Troeger, Roy C., Los Angeles, and J. C. Hermann, San Marino, Calif. Bath tub. 2,054,146; Sept. 15.
- Troell, Sigvald, Solleftea, assignor to Sandviken Jernverks Aktiebolag, Sandviken, Sweden. Hatchet. 2,043,907; June 9.
- Troendly, Harry P., Chicago, Ill., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring expander. 2,044,453; June 16.
- Troendly, Harry P., Chicago, Ill., assignor, by mesne assignments, to American Buckle Co., Inc., West Haven, Conn. Buckle. 2,062,734; Dec. 1.
- Trojan Powder Company. (See Wyler, Joseph A., assignor.)
- Troland, Leonard T. (See Ames, M. H., and Troland.)
- Troland, Leonard T., Cambridge, Mass., assignor, by mesne assignments, to Technicolor, Inc., New York, N. Y. Making light sensitive films. 2,044,864; June 23.
- Trolander, Elmer W., and W. C. Wilson, assignors to Pyroxylin Products, Inc., Chicago, Ill. Electrical insulation. 2,061,528; Nov. 17.
- Trollen, Martin E., St. Paul, Minn., assignor to Brown & Bigelow. Calendar. 2,048,415; July 21.
- Troller, Theodor, Akron, Ohio. Fan construction. 2,040,452; May 12.
- Trolley, Isaac. (See Bateman, F. H., and Trolley.)
- Trombly, Alexander A., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Machine for testing cans. 2,051,758; Aug. 18.
- Tromp, Carl R., Chicago, Ill. Garment hanger. 2,048,899; July 28.
- Tromp, Gerard P., Brooklyn, N. Y., and P. Neill, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Circuit controller. 2,032,191; Feb. 25.
- Trope, Carl, Berlin-Steglitz, Germany, assignor to General Electric Company. Electric incandescent lamp. 2,049,338; July 28.
- Tropea, Frank P., St. Louis, Mo. Box lid holding device. 2,061,413; Nov. 17.
- Tropiano, Anthony, Greenwich, Conn. Interlocking building block facing. 2,060,701; Nov. 10.
- Tropical Products Corporation. (See Greene, Oscar C., assignor.)
- Tropsch, Hans, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of unsaturated hydrocarbons. 2,045,255; June 23.
- Tropsch, Hans, assignor to Universal Oil Products Company, Chicago, Ill. Destructive hydrogenation of organic materials. 2,057,402; Oct. 13.
- Tropsch, Hans, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon gases. 2,063,133; Dec. 8.
- Trott, Rolland S. (See Swennes, B. A., and Trott.)
- Trott, Rolland S., Denver, Colo. Clutch control mechanism. 2,040,035; May 5.
- Trott, Rolland S., Denver, Colo. Engine mounting. 2,044,023; June 16.
- Trott, Rolland S., Denver, Colo. Engine mounting. 2,044,713; June 16.
- Trott, Rolland S., Denver, Colo. Engine mounting. 2,044,714; June 16.
- Trott, Rolland S., Denver, Colo. Engine mounting. 2,056,237; Oct. 6.
- Trott, Rolland S., Denver, Colo. Engine mounting. 2,056,873; Oct. 6.
- Trott, Rolland S., Denver, Colo., B. A. Swennes, and K. Miller, Rockford, Ill., said Swennes and said Miller assignors to said Trott. Eyed C-spring power plant mounting. 2,063,063; Dec. 8.
- Trott, Rolland S., Denver, Colo., and W. V. Thelander, said Thelander assignor to said Trott. Eyed axis-locating engine unit mounting. 2,063,064; Dec. 8.
- Trott, Rolland S., Denver, Colo., and B. A. Swennes and K. Miller, Rockford, Ill., said Swennes and said Miller assignors to said Trott. Torque spring power plant mounting. 2,063,638; Dec. 8.
- Trott, Rolland S., Denver, Colo., B. A. Swennes and K. Miller, Rockford, Ill., said Swennes and said Miller assignors to said Trott. Clamped C-spring power plant mounting. 2,063,639; Dec. 8.
- Trott, Rolland S., Denver, Colo., and W. V. Thelander, Rockford, Ill., said Thelander assignor to said Trott. Clamped axis-locating engine unit mounting. 2,063,640; Dec. 8.
- Trotta, Leonard, and H. Perlesz, assignors to Burton-Dixie Corporation, Chicago, Ill. Spring cushion assembly. 2,048,979; July 28.
- Trotter, Henry R., assignor to Hacker Manufacturing Co., Chicago, Ill. Make-up gauge. 2,065,253; Dec. 22.
- Trottier, John E., New York, assignor of one-half to J. Healy, Riverdale, N. Y. Hanger. 2,040,415; May 12.
- Troup, John M. M., Walkerville, Ontario, Canada. Rotary bulb container. 2,032,515; Mar. 3.
- Troup, Lloyd V., Saginaw, Mich. Apparatus for lowering and handling burial vaults. 2,039,464; May 5.
- Troup, Lloyd V., Saginaw, Mich. Burial apparatus. 2,061,784; Nov. 24.
- Trouser Waist-Band Machine Co. Inc. (See Galkin, Joseph, assignor.)
- Trowth, John E., Gladewater, Tex. Mechanism for emptying containers. 2,031,869; Feb. 25.
- Troutman, Ferdinand B., assignor to The Chicago Daily News, Inc., Chicago, Ill. Totalizing device. 2,049,634; Aug. 4.
- Trow, Payville A., Albert Lea, Minn. Push button lighter. 2,061,926; Nov. 24.
- Trow, Richard F., Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,037,952; Apr. 21.
- Troxel Manufacturing Company, The. (See Faulhaber, Roland W., assignor.)
- Troy, Daniel, Montgomery, Ala., assignor to U-Need-A-Pak Products Corporation, Brooklyn, N. Y. Coin controlled apparatus. 2,041,878; May 26.
- Trub, John E. A., West Orange, N. J. Measuring device. 2,037,441; Apr. 14.
- Trubenizing Process Corporation. (See Liebowitz, Benjamin, assignor.)
- Trubenizing Process Corporation. (See Liebowitz, B., and Moses, assignor.)
- Trubert, René. (See Roussy, Louis, and Trubert.)
- Trucksess, David E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alarm system. 2,056,306; Oct. 6.
- Trudeau, John F., Little Silver, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Transfer conveyer. 2,044,193; June 16.
- Trudel, B., & Cie. (See Trudel, B., and Michaud.)
- Trudel, Benoit, and O. Michaud, assignors to B. Trudel & Cie., Montreal, Quebec, Canada. Homogenizer. 2,046,223; June 30.
- True, Edwin S., Oak Park, Ill. Circuit breaking device. 2,046,857; July 7.
- Truelsen, Heinrich C., assignor to the firm Liesen & Co., Crefeld, Germany. Heat exchanger. 2,029,450; Feb. 4.
- Truelsen, Heinrich C., assignor to firm Liesen & Co., Crefeld, Germany. Steam generator. 2,052,856; Sept. 1.
- Truesdell, Fred A., Cleveland Heights, Ohio. Oil engine. 2,062,621; Dec. 1.
- Truitt, Bertha McC., Calumet, Okla. Attachment for automobiles. 2,034,965; Mar. 24.
- Trumble, John T., Detroit, Mich. Clutch. 2,056,059; Sept. 29.
- Trumbull Electric Manufacturing Company, The. (See Carlson, John E., assignor.)
- Trumbull Electric Manufacturing Company, The. (See Getchell, Benjamin E., assignor.)
- Trumbull Electric Manufacturing Company, The. (See Hammerly, Herman J., assignor.)
- Trumbull Electric Manufacturing Company, The. (See Harvey, Frank, assignor.)
- Trumbull Electric Manufacturing Company, The. (See Rowe, Raymond N., assignor.)
- Trump, Edward H. (See Lunnon, F. C., and Trump.)
- Trumbour James T., Bronx, N. Y. Diaphragm for railway coaches. 2,042,914; June 2.
- Trupar Manufacturing Company. (See Dasher, Don E., assignor.)
- Truscon Steel Company. (See Auten, Claude I., assignor.)
- Truscon Steel Company. (See Briody, Bernard C., assignor.)
- Truscon Steel Company. (See Foukal, Anthony, assignor.)
- Truscon Steel Company. (See Kahn, J., and MacLeod, assignors.)
- Truscon Steel Company. (See Macleod, Donald K., assignor.)
- Truscon Steel Company. (See Schulz, Walter F., assignor.)
- Truslow, James L. (See Thomas, H. L., and Truslow.)
- Truslow, James L., assignor to Whitin Machine Works, Whitinsville, Mass. Spinning frame. 2,027,212; Jan. 7.
- Truslow, James L., assignor to Whitin Works, Whitinsville, Mass. Long draft spinning apparatus. 2,037,836; Apr. 21.
- Trusound Limited. (See Hilhouse, Guy, assignor.)
- Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Sheet lifter to facilitate the closing of ring books. 2,035,284; Mar. 24.
- Trussell, Emory H., assignor to Beckwith-Chandler Company, Newark, N. J. Coated object and making the same. 2,065,769; Dec. 29.
- Trussell Manufacturing Company. (See Trussell, Clarence D., assignor.)
- Trustkantor Amstelland N. V. (See Friedrich, Paul, assignor.)
- Trusty, Aubrey W. (See Pierce, R. B., and Trusty.)
- Trutner, Donald G. (See Hofmann, A., and Trutner.)
- Truxell, Clyde W., Jr., assignor to General Motors Corporation, Detroit, Mich. Piston. 2,046,196; June 30.
- Try, Walter H., Staines, England, assignor to William E. Sykes, Buffalo, N. Y. Gear cutter. 2,029,399; Feb. 4.
- Try, Walter H., Staines, Middlesex, England, assignor to W. E. Sykes, Buffalo, N. Y. Apparatus for testing the accuracy of toothed gears. 2,063,474; Dec. 8.
- Tryon, Richard W., Cranford, and G. M. Booth, Roselle, N. J., assignors to Standard Oil Development Company. Frangible shear type safety valve. 2,062,381; Dec. 1.
- Tryon Viscositor Corporation. (See Blanchard, Adna F., assignor.)



- Tryon, William A., assignor to Patent Purchasing Company, Elmira, N. Y. Wear compensating spring shackle. 2,065,840; Dec. 29.
- Trysell, Ernest H., Ferndale, Mich. Machine for grinding and surfacing stones. 2,036,841; Apr. 7.
- Trytten, Merriam H., Dormont, Pa. Folded metal section. 2,050,074; Aug. 4.
- Trytten, Merriam H., Johnstown, Pa., assignor of one-half to F. T. Hicks, Cleveland, Ohio. Method of and apparatus for making folded metal sections. 2,050,512; Aug. 13.
- Tschappat, Sheridan P., Tulsa, Okla. Tubing head. 2,056,543; Oct. 6.
- Tschentschel, Hermann, Maschinenfabrik. (See Pracht, Rudolf, assignor.)
- Tschermak-Seysenegg, Armin, Prague, Czechoslovakia, assignor to the firm Carl Zeiss, Jena, Germany. Spectroscopic monochromator. 2,039,355; May 5.
- Tschierschwitz, Albert, Belleville, Ill. Gas burner. 2,037,400; Apr. 14.
- Tschumi, Hans, assignor to the firm of Durand & Hyguenin A. G., Basel, Switzerland. Production of colored resists under aniline black by means of ester salts of leuco-vat-dyestuffs. 2,057,862; Oct. 20.
- Tschunkur, Eduard. (See Herdieckerhoff, E., and Tschunkur.)
- Tschunkur, Eduard, and H. Köhler, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparation of sulphene amides. 2,045,888; June 30.
- Tschunkur, Eduard, and H. Köhler, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Organic disulphides. 2,064,395; Dec. 15.
- Tsutsumi, Yozo, Kamata Ku, assignor of one-half to N. Takeuchi, Tokyo, Japan. Inhaler. 2,036,446; Apr. 7.
- Tubbs, Ernest A., Long Island City, assignor to F. C. Talmadge, Forest Hills, N. Y. Electrical signaling system. 2,040,221; May 12.
- Tubbs, Ira I., Superior, Wis. Shoe sole construction. 2,049,598; Aug. 4.
- Tubbs, Lester G., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric regulator. 2,057,458; Oct. 13.
- Tube Reducing Corporation. (See Coe, George B., assignor.)
- Tubize Chatillon Corporation. (See Archer, E. G., and Moore, assignors.)
- Tubize Chatillon Corporation. (See Barthélemy, Henri L., assignor.)
- Tubize Chatillon Corporation. (See Ezzard, H. S., and Kontz, assignors.)
- Tubus A.-G. (See Singer, Fritz, assignor.)
- Tuck, George A., San Francisco, Calif. Pilot burner apparatus. 2,042,688; June 2.
- Tuck, George A., San Francisco, Calif. Heating furnace. 2,044,371; June 16.
- Tucker, Arthur E. (See Oakley, G. E., and Tucker.)
- Tucker, Carl W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del. Treatment of hydrogen peroxide vapors. 2,049,979; Aug. 4.
- Tucker, Carl W., and F. Dorrill, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Method of distillation. 2,028,481; Jan. 21.
- Tucker, Charles W., administrator. (See Tucker, George R.)
- Tucker, Charles W., administrator. (See Tucker, G. R., Kennedy, and Renner.)
- Tucker, David J., Baltimore, Md. Drapes, portières, curtains, or the like. 2,059,672; Nov. 3.
- Tucker, Edgar M., South Pasadena, Calif. Roofing nail. 2,048,234; July 21.
- Tucker, Edgar M., South Pasadena, assignor of one-half to W. M. Fabry, Alhambra, Calif. Sealing collar. 2,054,308; Sept. 15.
- Tucker, Edwin W., Jr., San Francisco, and B. Heinrich, Occidental, Calif. Electric switch. 2,056,494; Oct. 6.
- Tucker, Emmitt M., assignor of one-half to A. E. Miller, Sacramento, Calif. Piston and ring construction. 2,048,416; July 21.
- Tucker, George R., North Andover, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Sulphur dispersion. 2,028,482; Jan. 21.
- Tucker, George R., deceased, by C. W. Tucker, administrator, North Andover, H. L. Kennedy, Arlington, and M. S. Renner, Cambridge, assignors to Dewey and Almy Chemical Company, North Cambridge, Mass. Concrete and hydraulic cement. 2,031,621; Feb. 25.
- Tucker, George R., deceased, North Andover, C. W. Tucker, administrator, assignor to Dewey & Almy Chemical Company, Cambridge, Mass. Aqueous dispersion of carbon black. 2,046,757; July 7.
- Tucker, George R., deceased, North Andover, C. W. Tucker, administrator, assignor to Dewey and Almy Chemical Company, Cambridge, Mass. Aqueous dispersion of carbon black. 2,046,758; July 7.
- Tucker, George R., North Andover, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Amine salts of aromatic sulphonic acids. 2,052,586; Sept. 1.
- Tucker-Gilmore Mfg. Co. (See Tucker, Jesse D., assignor.)
- Tucker, Guy S. (See Hill, Rolo D., assignor.)
- Tucker, Harry W., Shaker Heights, Ohio, and W. S. McLeish, New York, N. Y. Display apparatus. 2,050,136; Aug. 4.
- Tucker, Jesse D., Kansas City, Kans. Tap. 2,033,557; Mar. 10.
- Tucker, Jesse D., assignor to Tucker-Gilmore Mfg. Co., Sacramento, Calif. Single cutter die. 2,052,587; Sept. 1.
- Tucker, Oliver M., and W. A. Reeves, Columbus, Ohio, assignors to Hartford-Empire Company, Hartford, Conn. Timing mechanism for glass feeders. 2,030,804; Feb. 11.
- Tucker, Stanley, London, England, assignor to Minerals Separation North American Corporation, New York, N. Y. Apparatus for concentrating minerals by flotation. 2,054,643; Sept. 15.
- Tucker, William B., assignor to Armstrong Cork Company, Lancaster, Pa. Cork cot and making the same. 2,046,138; June 30.
- Tuckerman, Louis, B. (See Kipper, A. F., and Tuckerman.)
- Tuckett, Ivor. (See Ta'Bois, Percival L., assignor.)
- Tueckmantel, Hugo, East Orange, N. J. Line drying reel. 2,041,384; May 19.
- Tuerk, Frank G. (See Mitchell, R. A., and Tuerk.)
- Tuffnell, William L. (See Bennett, A. F., and Tuffnell.)
- Tufts, Nathan, and E. T. Johnson, assignors to The New England Box Company, Greenfield, Mass. Nesting box with stacking irons. 2,029,746; Feb. 4.
- Tuft, Miles H., Rock Island, assignor to Deere & Company, Moline, Ill. Wheeled vehicle. 2,059,419; Nov. 3.
- Tufts, Nathan, and E. T. Johnson, assignors to The New England Box Company, Greenfield, Mass. Nesting box. 2,061,414; Nov. 17.
- Tugge, Robert F., et al. (See Minott, Daniel L., assignor.)
- Tulcran, Inc. (See Tully, T. J., and Jackson, assignors.)
- Tuley, William F., Naugatuck, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Rubber vulcanization accelerator. 2,049,785; Aug. 4.
- Tull, Robert H., and B. J. Homkes, Springfield, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,042,812; June 2.
- Tullis, Boyd W., Wichita, Kans. Hydrocarbon fuel burning stove. 2,040,222; May 12.
- Tullis, Boyd W., Wichita, Kans. Vaporizing generator. 2,040,223; May 12.
- Tullis, Boyd W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Liquid hydrocarbon fuel burning device. 2,035,680; Mar. 31.
- Tully, Henry J., & Company. (See Spain, Rowland W., assignor.)
- Tully, John S., Modesto, Calif. Flexible coupling. 2,027,499; Jan. 14.
- Tully, Thomas J., and R. B. Jackson, assignors to Tuleran, Inc., Columbus, Ohio. Air heating device. 2,028,095; Jan. 14.
- Tumbridge, Stanley S. (See Keaton, Clyde D., assignor.)
- Tune, George H., Ripon, Calif. Harrow. 2,050,905; Aug. 11.
- Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Crystal controlled oscillator circuits. 2,044,137; June 16.
- Tuppen, Edward B. (See Fenwick, C. E., Davies, and Tuppen.)
- Turak, Anthony, Cleveland, Ohio. Dispenser. 2,061,052; Nov. 17.
- Turbush, George, Compton, Calif. Sign holder for cans, etc. 2,042,813; June 2.
- Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Mfg. Co., Chicago, Ill. Keyboard for calculating machines and the like. 2,043,021; June 2.
- Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Calculating machine. 2,060,702; Nov. 10.
- Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Calculating machine. 2,060,703; Nov. 10.
- Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Calculating machine. 2,060,704; Nov. 10.
- Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Key-responsive calculating machine. 2,063,962; Dec. 15.
- Turechek, George F. (See Tilbury, L. C., and Turechek.)
- Turechek, George F., assignor to The Technicraft Engineering Corp., Los Angeles, Calif. Cable head and construction. 2,043,341; June 9.
- Turek, Thomas J., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Steering mechanism. 2,062,485; Dec. 1.
- Turgard, Inc. (See Turner, William E. D., assignor.)
- Turgot, Robert C. L. P., Saint Etienne de Cuisines, Savole, France, assignor, by mesne assignments, to Bendix Brake Company, South Bend, Ind. Brake. 2,031,747; Feb. 25.
- Turgot, Robert C. L. P., Paris, France, assignor to Bendix Brake Company, South Bend, Ind. Brake adjusting device. 2,051,920; Aug. 25.
- Turk, Karl, Riderwood, Md. Composite article carrying a cellular backing of porcelain enamel and making same. 2,053,244; Sept. 1.
- Turk, Karl, assignor to The Porcelain Enamel & Manufacturing Company of Baltimore, Baltimore, Md. Producing decorative surfaces. 2,032,236; Feb. 25.



- Türk, Walter, Karlsruhe, Germany. Device for measuring the intensity and the frequency of the sound produced by flowing gravels in rivers and the like. 2,047,529; July 14.
- Türk, Wilhelm, Cologne-Deutz, Germany. Support for inking mechanism. 2,040,158; May 12.
- Turley, Harold G., Moorestown, N. J., and I. C. Somerville, Fox Chase, assignors to Röhm & Haas Company, Philadelphia, Pa. Tanning. 2,029,088; Jan. 28.
- Turnbow, Grover D. (See Linstaedt, Frank F., assignor.)
- Turnbull Cone & Machine Company. (See Turnbull, Francis W., assignor.)
- Turnbull, Francis W., assignor to Turnbull Cone & Machine Company, Chattanooga, Tenn. Ice cream cone. 2,061,260; Nov. 17.
- Turnbull, Frederick M. (See Edwards, Hiram W.)
- Turnbull, John R., et al. (See Gillespie, Charles P., assignor.)
- Turnbull, William J., West Vancouver, British Columbia, Canada. Game table. 2,031,989; Feb. 25.
- Turner, Albert J. (See Kittredge, H. G., and Turner.)
- Turner, Albert M., Mendon, Ohio. Apparatus for disinfecting poultry roosts. 2,047,089; July 7.
- Turner, Alfred H., Collingswood, N. J., assignor to Radio Corporation of America. Secret signaling. 2,026,758; Jan. 7.
- Turner, Alfred H., Collingswood, N. J., assignor to Radio Corporation of America. Superheterodyne receiver. 2,026,759; Jan. 7.
- Turner, Alfred H., Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio frequency control system. 2,063,413; Dec. 8.
- Turner, Charles S., Detroit, Mich. Superheating water tube boiler. 2,046,349; July 7.
- Turner, Charles S., assignor, by mesne assignments, to Diamond Power Specialty Corporation, Detroit, Mich. Boiler tube cleaning construction. 2,027,495; Jan. 14.
- Turner, Charles S., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 2,052,907; Sept. 1.
- Turner, Charles S., assignor, by mesne assignments, to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 2,060,910; Nov. 17.
- Turner, Chester D., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 2,045,736; June 30.
- Turner, Chester D., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 2,056,313; Oct. 6.
- Turner, Claude A. P., Minneapolis, Minn. Make-up of bridge members. 2,042,973; June 2.
- Turner Company, The. (See Foster, Everette M., assignor.)
- Turner Company, The. (See Johnson, Harry W., assignor.)
- Turner, Edward G., Walthamstow, London, England. Cinematograph projection screen. 2,059,156; Oct. 27.
- Turner, Edward T., Dayton, Ohio. Automobile. 2,046,042; June 30.
- Turner, Edward T., Dayton, Ohio. Method and apparatus for conditioning air. 2,063,711; Dec. 8.
- Turner, Edwin A. (See Surdy, C. J., and Turner.)
- Turner, Edwin A., New York, N. Y., assignor to The Standard Stoker Company, Incorporated. Combined stoker and firedoor. 2,033,053; Mar. 3.
- Turner, Edwin A., New York, N. Y., assignor to The Standard Stoker Company, Incorporated. Combined stoker and firedoor. 2,033,054; Mar. 3.
- Turner, Edwin A., New York, N. Y., assignor to The Standard Stoker Company, Incorporated. Locomotive tender. 2,036,897; Apr. 7.
- Turner, Edwin A., New York, N. Y., assignor to The Standard Stoker Company, Incorporated. Stoker. 2,053,751; Sept. 8.
- Turner, Edwin A., New York, and C. J. Surdy, Tuckahoe, N. Y., assignors to The Standard Coke Company, Incorporated. Distributor member for stokers. 2,029,517; Feb. 4.
- Turner, Edwin A., New York, and C. J. Surdy, Tuckahoe, N. Y., assignor to The Standard Stoker Company, Inc. Locomotive stoker. 2,050,983; Aug. 11.
- Turner, Edwin E., Jr., West Roxbury, Mass., assignor to Submarine Signal Company, Boston, Mass. Distance and depth finding. 2,028,174; Jan. 21.
- Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. Distance finding. 2,029,347; Feb. 4.
- Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. Method and apparatus for measuring depths. 2,033,160; Mar. 10.
- Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. Apparatus for measuring depths. 2,044,820; June 23.
- Turner, Ernest J. and W. A., assignors to McLain Fire Brick Company, Pittsburgh, Pa. Hot top. 2,049,980; Aug. 4.
- Turner, Ernest J. and W. A., assignors to McLain Fire Brick Company, Pittsburgh, Pa. Hot top. 2,049,981; Aug. 4.
- Turner, Ernest J. and W. A., assignors to McLain Fire Brick Company, Pittsburgh, Pa. Hot top. 2,049,982; Aug. 4.
- Turner, Eugene C., San Diego, Calif. Broken automobile axle puller. 2,053,980; Sept. 8.
- Turner, Floyd F. (See Thurston, E. B., Brubaker, and Turner.)
- Turner, Frank, New York, N. Y. String musical instrument. 2,042,080; May 26.
- Turner, Frederick E., deceased, and W. P. Allred, Jr., Kansas City, Mo.; Katherine Turner, executrix. Apparatus for loading and unloading vehicles. 2,051,062; Aug. 18.
- Turner, Frederick E., deceased, and W. P. Allred, Jr., Kansas City, Mo.; K. Turner, executrix of will of said F. E. Turner. Apparatus for parking and delivering vehicles. 2,065,107; Dec. 22.
- Turner, Harold H. (See Johnston, E. A., Bryan, and Turner.)
- Turner, Harold R., Pittsfield, Mass., assignor to General Electric Company. Transformer switching arrangement. 2,046,979; July 7.
- Turner, Harrison M., Kansas City, Mo. Truss. 2,051,921; Aug. 25.
- Turner, Henry A., Union, S. C., assignor to Guaranteed Parts Inc., Allston, Mass. Control device for picker sticks. 2,057,750; Oct. 20.
- Turner, Howard B. (See Hedeon, E. N., and Turner.)
- Turner, Hubert M., New Haven, Conn., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Welding system. 2,036,896; Apr. 7.
- Turner, Katherine, executrix. (See Turner, F. E., and Allred.)
- Turner, Louis E., Chicago, Ill. Sound reproducing or recording needle. 2,026,760; Jan. 7.
- Turner, Luther B. (See Mikeska, L. A., and Turner.)
- Turner, Luther B., Elizabeth, N. J., assignor to Standard Oil Development Company. Production of organic disulphides. 2,028,303; Jan. 21.
- Turner, Luther B., Elizabeth, N. J., assignor to Standard Oil Development Company. Preparation of olefinic thioethers. 2,066,191; Dec. 29.
- Turner & Newall Limited. (See Dalton, H. G., and Smith, assignors.)
- Turner, Perry W., Ada, Ohio. Building element. 2,059,157; Oct. 27.
- Turner, Philip K. (See Round, H. J., and Turner.)
- Turner, Price G., Yorkville, N. Y., assignor of one-half to J. C. McMurray, Winthrop, Mass. Testing device for internal combustion engines. 2,030,727; Feb. 11.
- Turner, Ransom H. (See Freund, H. R., and Turner.)
- Turner, Ransom H., Little Neck, assignor to Intertype Corporation, Brooklyn, N. Y. Making matrices. 2,043,955; June 9.
- Turner, Ransom H., Little Neck, assignor to Intertype Corporation, Brooklyn, N. Y. Quadding and centering device. 2,061,529; Nov. 17.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft replenishing shuttle changing loom. 2,054,171; Sept. 15.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Multicolor shuttle changing loom. 2,054,172; Sept. 15.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Multicolor shuttle changing loom. 2,054,173; Sept. 15.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft detecting mechanism for multicolor shuttle changers. 2,054,174; Sept. 15.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle control for shuttle changing looms. 2,054,175; Sept. 15.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft detecting mechanism for multicolor shuttle changing looms. 2,054,176; Sept. 15.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Color indication for shuttle changing looms. 2,054,177; Sept. 15.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Means to prevent flight of improperly changed shuttles. 2,054,178; Sept. 15.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Multicolor shuttle changer loom. 2,054,179; Sept. 15.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft detecting mechanism for multicolor shuttle changing looms. 2,054,180; Sept. 15.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft detecting system for shifting shuttle box looms. 2,054,181; Sept. 15.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle changing filling mixing loom. 2,056,694; Oct. 6.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle control for shuttle changing filling mixing looms. 2,056,695; Oct. 6.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pick and pick bobbin changing loom. 2,058,113; Oct. 20.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Receiver for spent shuttles. 2,062,687; Dec. 1.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electric warp stop motion. 2,062,688; Dec. 1.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom with shuttle boxes which shift to detect weft. 2,065,770; Dec. 29.



- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle changing loom. 2,065,771; Dec. 29.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom transfer revoking mechanism. 2,065,772; Dec. 29.
- Turner, Robert L. (See Hunt, F. B., and Turner.)
- Turner and Seymour Manufacturing Company, The. (See Froelich, Gustave H., assignor.)
- Turner Tanning Machinery Company, The. (See Ballard, Harrie A., assignor.)
- Turner Tanning Machinery Company, The. (See Callahan, John J., assignor.)
- Turner Tanning Machinery Company, The. (See McLaughlin, George E., assignor.)
- Turner Tanning Machinery Company, The. (See Schettler, Gustav A., assignor.)
- Turner Tanning Machinery Company, The. (See Whitney, Robert F., assignor.)
- Turner, Thomas B. (See Bradley, Joseph R., assignor.)
- Turner, William, Longsight, Manchester, England. Variable speed mechanism. 2,029,042; Jan. 28.
- Turner, William A. (See Turner, Ernest J. and W. A.)
- Turner, William E. D., assignor to Turgard, Inc., Portland, Oreg. Brush. 2,031,990; Feb. 25.
- Turnmilling Corporation. (See Lundberg, N. S., and DeVlieg, assignors.)
- Turno, Walter G. W. (See Porter, H. W., and Turno.)
- Turnock, Lawrence C., Cleveland Heights, Ohio. Support. 2,042,241; May 26.
- Turnquist, Edward, Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Polishing machine. 2,048,235; July 21.
- Turnquist, Magnus, Chicago, Ill. Razor blade holder. 2,046,435; July 7.
- Turnsignal Corporation. (See Smith, Harold O., assignor.)
- Turpin, Clarence E., and R. Jetter, Omaha, Nebr. Electric heater. 2,051,759; Aug. 18.
- Turrell, Charles E., assignor to E. M. Kline, Cleveland, Ohio. Key machine. 2,032,820; Mar. 3.
- Turrell, Charles E., assignor to E. A. Berk, Cleveland, Ohio, as trustee. Safety lock construction. 2,051,772; Aug. 18.
- Tursky, Charles M., Turtle Creek, Pa. Tooth brush cabinet. 2,060,598; Nov. 10.
- Turtle, Alfred C., Montreal, Quebec, Canada. Voltage regulating device. 2,049,635; Aug. 4.
- Turulis, John, Rockford, Ill. Traction mat. 2,058,192; Oct. 20.
- Tuscan, George E., Wollaston, and W. F. Mathewson, North Weymouth, Mass. Ice cream hardener. 2,059,065; Oct. 27.
- Tuscan, George E., Wollaston, and W. F. Mathewson, North Weymouth, Mass. Ice cream freezer. 2,064,131; Dec. 15.
- Tuska, Clarence D., assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Refrigeration system. 2,042,568; June 2.
- Tusting, Osborne. (See McKeen, D. J., and Tusting.)
- Tuthill, Jay L., Dormont, Pa. Wall covering. 2,031,680; Feb. 25.
- Tuthill, Le Roy L., Beatrice, Nebr. Display device. 2,050,638; Aug. 11.
- Tuthill Pump Company. (See Kempton, Herbert E., assignor.)
- Tuttle, Arthur S., Salem, Mass., assignor to Worthington Mower Company, Stroudsburg, Pa. Carrier mechanism. 2,045,889; June 30.
- Tuttle, Charles F. (See Bird, M. A., and Tuttle.)
- Tuttle, Clifton M., assignor to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for determining contrast. 2,043,908; June 9.
- Tuttle, Clifton M., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Camera diaphragm control. 2,058,531; Oct. 27.
- Tuttle, Clifton M., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Exposure control for cameras. 2,058,532; Oct. 27.
- Tuttle, Clifton M. and F. E., assignors to Eastman Kodak Company, Rochester, N. Y. Light regulating means. 2,036,447; Apr. 7.
- Tuttle, Fordyce E. (See Tuttle, Clifton M. and F. E.)
- Tuttle, Fordyce E., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic printing apparatus. 2,039,691; May 5.
- Tuttle, Jess L., Oakland, Calif. Portable resurfacing tool. 2,053,644; Sept. 8.
- Tuttle, Malcolm H., New Rochelle, N. Y. Chilling. 2,036,374; Apr. 7.
- Tuttle, Malcolm H., New Rochelle, assignor to Max B. Miller & Co., Inc., New York, N. Y. Refining mineral oil. 2,041,308; May 19.
- Tuttle Press Company, The. (See Bialkowski, Bruno G., assignor.)
- Tuttle, Record D., Smyrna, assignor of one-half to H. Bryan, Sherburne, N. Y. Automobile antenna. 2,063,531; Dec. 8.
- Tuttle, William R., and C. W. Stickel, assignor to The Kurlash Company, Inc., Rochester, N. Y. Eyelash curler. 2,052,588; Sept. 1.
- Twachtman, Quentin, Greenwich, Conn., assignor of one-half to W. J. Knapp, Rye, and one-fourth to G. Grand, Millbrook, N. Y. Concrete building construction. 2,065,355; Dec. 22.
- Tweedell, Oscar G., Detroit, assignor of one-third to V. R. Heftler, Grosse Pointe Park, Mich. Hydraulic feed for machine tools. 2,063,414; Dec. 8.
- Tweed, Cyril J. F., Wimbeldon Park, London, assignor to Radio Corporation of America. Picture transmission system. 2,034,162; Mar. 17.
- Tweed, Homer N. and L. P., South Pasadena, Calif., said H. N. Tweed assignor to said L. P. Tweed. Evacuatory. 2,058,645; Oct. 27.
- Tweed, Laura P. (See Tweed, Homer N. and L. P.)
- Tweedale, Ralph L., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,045,810; June 30.
- Tweedale, Ralph L., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,063,208; Dec. 8.
- Tweedie, Charles. (See Tweedie, John, assignor.)
- Tweedie, Charles, Jefferson City, Mo. Sock lining for shoes. 2,027,072; Jan. 7.
- Tweedie, Charles, assignor to Tweedie Footwear Corporation, Jefferson City, Mo. Insole. 2,027,328; Jan. 7.
- Tweedie Footwear Corporation. (See Tweedie, Charles, assignor.)
- Tweedie, John, assignor of one-half to C. Tweedie, Jefferson City, Mo. Device for leveling shoe soles. 2,043,819; June 9.
- 20th Century Advertising, Inc. (See de Roulet, Henry, assignor.)
- Twentieth Century-Fox Film Corporation. (See Laube, G., and Miller, assignors.)
- Twentieth Century-Fox Film Corporation. (See Laube, G., Stevens, and Kaufman, assignors.)
- Twickler, Frederick W., New Orleans, La. Reservoir cover for oil stoves. 2,049,829; Aug. 4.
- Twin Coach Company. (See Fageol, F. R., and W. B., assignors.)
- Twin Coach Company. (See Fageol, William B., assignor.)
- Twin Disc Clutch Company. (See Pearmain, William J., assignor.)
- Twisleton-Wykeham-Fiennes, Maurice A., and E. H. Sweetser, assignors to Sir W. G. Armstrong Whitworth and Company (Engineers) Limited, Newcastle-on-Tyne, England. Air or gas compressor. 2,036,898; Apr. 7.
- Twiss, Douglas F. (See Murphy, E. A., Twiss, and James)
- Twiss, Douglas F. (See Willshaw, H., Twiss, Goodhall, and Jones.)
- Twiss, Douglas F., Sutton Coldfield, England, assignor to American Anode Incorporated, Akron, Ohio. Manufacture of rubber articles. 2,032,452; Mar. 3.
- Twiss, Douglas F., Wyde Green, and W. McCowan, Kings Heath, Birmingham, assignors, by mesne assignments, to Dunlop Rubber Company Limited, London, England. Production of play balls. 2,053,450; Sept. 8.
- Twiss, Douglas F., Wyde Green, and A. E. T. Neale, Ward End, Birmingham, England, assignors to Dunlop Tire & Rubber Corporation, Buffalo, N. Y. Plastic compound and making the same. 2,056,026; Sept. 29.
- Twiss, Douglas F., Wyde Green, and W. McCowan, Kings Heath, Birmingham, England, assignors to Dunlop Rubber Company Limited. Production of play balls. 2,060,962; Nov. 17.
- Twiss, F. E., Co. (See Twiss, Frank E., assignor.)
- Twiss, Frank E., Taunton, Mass. Roller curtain and operating means therefor. 2,055,511; Sept. 29.
- Twiss, Frank E., Taunton, assignor to F. E. Twiss Co., Inc., Boston, Mass. 2,043,270; June 9.
- Twiss, Frank J., Swanton, Ohio. Container holder. 2,030,775; Feb. 11.
- Twiss, Paul E., and G. W. Sprenger, Lynn, Mass., assignors to General Electric Company. Reroll mechanism. 2,034,543; Mar. 17.
- Twist, Frederic C., near Weldon, Ill. Circuit closing device. 2,042,915; June 2.
- Twite, Charles W., New York, N. Y. Hat holder. 2,043,022; June 2.
- Twombly, Willard O., assignor to Jeffrey N. Collins, Jackson, Mich. Electric heater. 2,049,387; July 28.
- Twombly, Willard O., assignor, by mesne assignments, to J. N. Collins, Jackson, Mich. Radiator curtain. 2,056,128; Sept. 29.
- Twomey, Lee S., Vista, Calif. Reboiler and condenser. 2,044,372; June 16.
- Twomey, Lee S., Vista, Calif. Separating and purifying gases. 2,050,511; Aug. 11.
- Twomey, Lee S., Vista, Calif. Device for introducing liquids into pressure vessels. 2,052,855; Sept. 1.
- Twomey, Lee S., Vista, Calif. Separating the constituents of air. 2,057,804; Oct. 20.
- Twomey, Lee S., Vista, Calif. Separating gases by freezing. 2,062,537; Dec. 1.
- Twomley, Herbert E., Riverside, Calif. Speed changing device. 2,047,840; July 14.
- Twomley, Herbert E., Riverside, Calif. Drawing board. 2,060,355; Nov. 10.
- Tworoger, Theodore S., Johnston, N. Y. Pocket. 2,042,282; May 26.
- Twyman, B., Wickliffe, assignor to Lavine Gear Company, Milwaukee, Wis. Finishing helical forms. 2,040,347; May 12.



- Twyman, B. W., Indianapolis, Ind., assignor to Lavine Gear Company, Milwaukee, Wis. Steering gear. 2,045,811; June 30.
- Tyce, George C. (See Hale, F. C., and Tyce.)
- Tydemann, Charles. (See Muter, A. J., and Hydeman.)
- Tydon, Walter. (See Rowe, D. C., Tydon, and Flader.)
- Tygart Valley Glass Company. (See Stewart, Edward C., assignor.)
- Tykal, Bohumil R., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Portable electric lamp. 2,031,255; Mar. 17.
- Tyler, Herbert B., Berwyn, assignor of one-half to C. A. Pipenhagen, Chicago, Ill. Sterilizer. 2,029,844; Feb. 4.
- Tyler, Ralph S., Cleveland Heights, and W. M. Reichart, Cleveland, assignors to The Chandler & Price Company, Cleveland, Ohio. External contracting brake. 2,026,715; Jan. 7.
- Tyler, Tracy B., assignor to The Monopower Corporation, Detroit, Mich. Clutch mechanism for transmissions. 2,028,028; Jan. 14.
- Tyler, Tracy B., assignor to The Monopower Corporation, Detroit, Mich. Restraining transmission shifts. 2,043,783; June 9.
- Tyler, Tracy B., assignor to The Monopower Corporation, Detroit, Mich. Clutch mechanism for transmissions. 2,043,784; June 9.
- Tyler, Tracy B., assignor to The Monopower Corporation, Detroit, Mich. Clutch actuator. 2,043,785; June 9.
- Tyler, Tracy B., assignor to The Monopower Corporation, Detroit, Mich. Accelerating clutch engagement. 2,043,786; June 9.
- Tyler, Tracy B., assignor to The Monopower Corporation, Detroit, Mich. Transmission. 2,048,206; July 21.
- Tyler, Tracy B., assignor to The Monopower Corporation, Detroit, Mich. Selecting and shifting mechanism for transmissions. 2,051,113; Aug. 18.
- Tyler, Tracy B., assignor to The Monopower Corporation, Detroit, Mich. Clutch control device. 2,052,428; Aug. 25.
- Tyler, Tracy B., assignor to The Monopower Corporation, Detroit, Mich. Clutch. 2,052,429; Aug. 25.
- Tyler, Tracy B., assignor to The Monopower Corporation, Detroit, Mich. Clutch for transmissions. 2,052,430; Aug. 25.
- Tyler, Tracy B., assignor to The Monopower Corporation, Detroit, Mich. Control means. 2,054,574; Sept. 15.
- Tyler, Tracy B., assignor to The Monopower Corporation, Detroit, Mich. Transmission control means. 2,054,575; Sept. 15.
- Tyler, Tracy B., assignor to The Monopower Corporation, Detroit, Mich. Clutch control means. 2,061,990; Nov. 24.
- Tyler, W. S., Company, The. (See Farch, Mogens N., assignor.)
- Tyler, W. S., Company, The. (See Koll, Otto, and Siess, assignors.)
- Tyler, W. S. Company, The. (See Wettlaufer, William L., assignor.)
- Tyler, Walter S., Jr. (See Bailey, D. P., Beattie, and Tyler.)
- Tyler, Wilfred O. (See Lee, J. C., and Tyler.)
- Tyler, William C., assignor to W. E. Pratt Mfg. Co., Joliet, Ill. Cattle leader. 2,052,371; Aug. 25.
- Tyle-Tye, Incorporated, Ltd. (See Hard, M. W., and Peterson, assignors.)
- Tyman, Frank, and D. H. Follett, assignors to Adam Hilger Limited, London, England. Apparatus for investigating absorption spectra of substances. 2,065,953; Dec. 29.
- Tynan, John E., Irvington-on-Hudson, assignor of one-third to F. A. Bourges, New York, N. Y. Breast shield. 2,054,491; Sept. 15.
- Tyrell, Ray R., Detroit, Mich. Milk carrier with illuminating means. 2,053,385; Sept. 8.
- Tyrer, Daniel, Norton-on-Tees, assignor to Imperial Chemical Industries Limited, London, England. Burning of pyrites. 2,031,801; Feb. 25.
- Tyrer, Daniel, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Recovery of sulphur dioxide from gas mixtures. 2,031,802; Feb. 25.
- Tyrer, Daniel, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Production of sulphur, sulphur dioxide, and iron oxide. 2,044,960; June 23.
- Tyson, Archie M., Dallas, Tex. Shock absorber. 2,064,702; Dec. 15.
- Tyson, Paul L., assignor to General Chemical Company, New York, N. Y. Making tin tetrachloride. 2,061,816; Nov. 24.
- U. C. T. Corporation. (See Howard, William R., assignor.)
- U. N. C. Corporation. (See Kidd, Jerome F., assignor.)
- U. P. M.-Kidder Press C. (See Lindbom, Carl G., assignor.)
- U S L Battery Corporation. (See Reid, Albert R., assignor.)
- Ubbelohde, Leo, Karlsruhe, Germany. Viscosimeter. 2,048,305; July 21.
- Ubbelohde, Leo, Karlsruhe, Germany. Manufacture of formed artificial products. 2,054,208; Sept. 15.
- Udale, Stanley M., assignor to M. E. Chandler, Detroit, Mich. Carburetor. 2,035,681; Mar. 31.
- Udell, Louis N. (See Barrett, A. M., and Udell.)
- Udell, Wesley L., assignor of one-half to B. F. Penrose, Brandon, Manitoba, Canada. Rear view mirror. 2,035,411; Mar. 24.
- Udesen, Ude P., St. Paul, Minn. Oil burner. 2,052,954; Sept. 1.
- Udey, Lois. (See Greene, M., and Udey.)
- Udstad, Sigvald F. (See Thompson, J. B. D., and Udstad.)
- Udylite Company. (See Bogle, John C., assignor.)
- Uebermuth, Werner, Berlin-Wilmersdorf, Germany, assignor to General Electric Company. Electric circuit breaker. 2,051,659; Aug. 18.
- Uebing, Heinrich, Lintore, Regierungsbezirk Duesseldorf, Germany. Screw down for rolling mills. 2,060,476; Nov. 10.
- Uecker Equipment Company. (See Uecker, Reinhold A., assignor.)
- Uecker, Otto E., assignor to A. O. Smith Corporation, Milwaukee, Wis. Compensator for hoisting apparatus. 2,048,961; July 28.
- Uecker, Reinhold A., assignor, by mesne assignments, to Uecker Equipment Company, Wauwatosa, Wis. Scaffold. 2,043,498; June 9.
- Uehling, Fritz F., Passaic, N. J. Temperature regulator. 2,061,884; Nov. 24.
- Uehling, Fritz F., Passaic, N. J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic temperature control apparatus. 2,065,841; Dec. 29.
- Ufer, Hanns. (See Jordan, O., Kollek, and Ufer.)
- Uffert, Walter B., East Rockaway, assignor of twenty-five one hundredths to Francis Van Winkle, New York, N. Y. Safety brake. 2,055,267; Sept. 22.
- Uhalt, Alfred A. H. and M. A. L., Cleveland, Ohio. Service cabinet. 2,045,890; June 30.
- Uhalt, Mary A. L. (See Uhalt, Alfred A. H., and M. A. L.)
- Uhde, Friedrich. (See Bayer, Richard, assignor.)
- Uhde, Friedrich, Ingenieur-Buro. (See Pfirrmann, Theodor W., assignor.)
- Uhde, Georg F., Bovinghausen, Germany, assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Catalytic converter and ammonia synthesis. 2,052,326; Aug. 25.
- Uher, Edmond, Munich, Germany, assignor to Uhertype Aktiengesellschaft, Glarus, Switzerland. Photographic type composing. 2,036,000; Mar. 31.
- Uhertype Aktiengesellschaft. (See Uher, Edmond, assignor.)
- Uhertype Aktiengesellschaft. (See Wenzler, Lajos, assignor.)
- Uhl, Harry C., Atlanta, Ga., assignor to General Electric Company. Processing system for rayon and the like. 2,055,323; Sept. 22.
- Uhler, Frank G. (See Rankin, D. A., and Uhler.)
- Uhler, Frank G., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Casein dispersions. 2,063,134; Dec. 8.
- Uhlig, Herman M., Cedarburg, Wis. Filing device. 2,030,728; Feb. 11.
- Uhren, Andrew, and G. Springer, Winter, Wis. Log skidding pan. 2,050,548; Aug. 11.
- Uhrich, Burns H., assignor to The Atchison Revolving Door Co., Independence, Kans. Speed control or governor for revolving doors. 2,048,716; July 28.
- Uhrich, Burns H., assignor to The Atchison Revolving Door Co., Independence, Kans. Collapsible revolving door. 2,048,717; July 28.
- Ulfers, Ira, Milwaukee, Wis. Rope lock. 2,028,885; Jan. 28.
- Uline, Migiel J., Washington, D. C. Guard for dip tanks. 2,041,622; May 19.
- Uline, Migiel J., Washington, D. C. Ice scoring machine. 2,042,368; May 26.
- Uline, Migiel J., Washington, D. C. Conveyer. 2,052,908; Sept. 1.
- Uline, Migiel J., Washington, D. C. Machine for squaring the ends of cakes of ice. 2,058,744; Oct. 27.
- Uline, Migiel J., Washington, D. C. Ice can. 2,060,541; Nov. 10.
- Ullmann, George, Milwaukee, Wis. Holding device. 2,056,437; Oct. 6.
- Ullmo, André, Cleveland, Ohio. Tool for removing or inserting bushings, bearings, or the like. 2,036,782; Apr. 7.
- Ullrich, Walter. (See Halpern, M., Logan, Manley, and Ullrich.)
- Ullrich, Walter. (See Manley, R. E., and Ullrich.)
- Ullrich, William B., Reading, Pa. Lubricating and cooling engine valves. 2,057,123; Oct. 13.
- Ullstrand, Hugo M., Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,051,760; Aug. 18.
- Ulmann, Bernhard, Company. (See Engel, Eugene, assignor.)
- Ulmann, Edmond E., Paris, France, assignor, by mesne assignments, to United States Holding Corporation. Timepiece. 2,051,761; Aug. 18.
- Ulmer, Paul F. (See Lauenstein, C. F., and Ulmer.)
- Ulrey, Dayton, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit-control means. 2,036,783; Apr. 7.
- Ulrich, Charles B., Jamestown, N. Y., assignor of one-third to A. J. Forschner, Chicago, Ill., and one-third to R. H. Burke, Evanston, Ill. Machine for polishing mineral particles. 2,065,108; Dec. 22.
- Ulrich, Friedrich. (See Engel, H-G., and Ulrich.)



- Ulrich, Frederick, assignor, by mesne assignments, to Commar Products Corporation, New York, N. Y. Manufacture of elements for slide fasteners. 2,060,141; Nov. 10.
- Ulrich, Heinrich. (See Klein, R., Ulrich, and Koerding.)
- Ulrich, Heinrich. (See Koerding, F., Schoeller, and Ulrich.)
- Ulrich, Heinrich, and K. Saurwein, Ludwigshafen-on-the-Rhine, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Photographic developer. 2,030,336; Feb. 11.
- Ulrich, Heinrich, and P. Koerding, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing organic compounds capable of splitting off halogen. 2,037,442; Apr. 14.
- Ulrich, Heinrich, and K. Saurwein, Ludwigshafen-on-the-Rhine, and F. Siefert, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sulphonated oxygenated compounds obtained by catalytic hydrogenation of oxides of carbon. 2,042,747; June 2.
- Ulrich, Heinrich, P. Koerding, and J. Nuesslein, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Reaction products of amines with strong polybasic mineral acids. 2,063,963; Dec. 15.
- Ulrich, Horace W., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,041,879; May 26.
- Ulrich, Horace W., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,049,183; July 28.
- Ulrich, John R., Bethlehem, Pa., assignor to Bethlehem Steel Company. Guard rail mount. 2,053,927; Sept. 8.
- Ulrich, Rudolph, Pittsburgh, Pa. Pressure gauge. 2,046,801; July 7.
- Ultimate Paving Block Corporation of America. (See Hewett, Louis F., assignor.)
- Umansky, Leonid A., Schenectady, N. Y., assignor to General Electric Company. Speed ratio indicating device. 2,051,018; Aug. 11.
- Umansky, Leonid A., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,060,647; Nov. 10.
- Umstattd, William E., assignor to The Timken Roller Bearing Company, Canton, Ohio. Shaft bearing. 2,034,545; Mar. 17.
- Umstott, Harold F. (See Hilty, E. H., and Umstott.)
- Umstott, Harold F., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Waffle iron heater. 2,032,104; Feb. 25.
- Umstott, Harold F., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Drip percolator. 2,046,710; July 7.
- Umstott, Harold F., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Glass coffee maker. 2,053,451; Sept. 8.
- Una Welding, Incorporated. (See Austin, J. B., and Durham, assignors.)
- Una Welding, Inc. (See Howland, Owen L., assignor.)
- Una Welding, Inc. (See Kronbach, Edwin W., assignor.)
- Uncas Manufacturing Company. (See Dolan, Frederick L., assignor.)
- Underdown, Donald G., Los Angeles, Calif. Art of construction. 2,038,615; Apr. 28.
- Underdown, Donald G., San Francisco, Calif. Building corner construction and unit therefor. 2,051,114; Aug. 18.
- Underhill, Eliot. (See Allen, W. H., Underhill, and Ritchie.)
- Underpinning & Foundation Company. (See Raisch, William, assignor.)
- Underpinning & Foundation Company. (See Raisch, W., and Fedeler, assignors.)
- Underpinning & Foundation Company. (See Streander, Philip B., assignor.)
- Undertakers Supply Co., The. (See Ocask, Edward, assignor.)
- Underwood, Arthur F., assignor to General Motors Corporation, Detroit, Mich. Lubrication of crankshafts. 2,063,885; Dec. 8.
- Underwood, Curtis E., Fisher, Ill. Grain drill attachment for disk harrows. 2,042,133; May 26.
- Underwood Elliott Fisher Company. (See Anderson, Walter A., assignor.)
- Underwood Elliott Fisher Company. (See Becker, Fred, assignor.)
- Underwood Elliott Fisher Company. (See Davis, Frank K., assignor.)
- Underwood Elliott Fisher Company. (See Dobson, William A., assignor.)
- Underwood Elliott Fisher Company. (See Foothorap, Harry A., assignor.)
- Underwood Elliott Fisher Company. (See Helmond, William F., assignor.)
- Underwood Elliott Fisher Company. (See Lentz, Lawrence E., assignor.)
- Underwood Elliott Fisher Company. (See Pitman, Henry L., assignor.)
- Underwood Elliott Fisher Company. (See Smith, Jesse A. B., assignor.)
- Underwood Elliott Fisher Company. (See Stickney, Burnham C., assignor.)
- Underwood Elliott Fisher Company. (See Sundstrand, Oscar J., assignor.)
- Underwood Elliott Fisher Company. (See Sundstrand, O. J., and Anderson, assignors.)
- Underwood Elliott Fisher Company. (See Thieme, Otto, assignor.)
- Underwood Elliott Fisher Company. (See Thompson, Russell G., assignor.)
- Underwood, Ernest E., and H. C. Wellman, assignors to Eastman Kodak Company, Rochester, N. Y. Self threading motion picture apparatus. 2,043,909; June 9.
- Underwood, Garfield J., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Pile fabric. 2,037,543; Apr. 14.
- Underwood, Howard C., New York, N. Y. Collar or the like and manufacturing the same. 2,035,849; Mar. 31.
- Underwood, Howard C., New York, N. Y. Sewing machine attachment. 2,036,558; Apr. 7.
- Underwood, Howard C., New York, N. Y. Sewing machine attachment. 2,058,927; Oct. 27.
- Underwood, Howard C., and E. B. Roby, New York, N. Y. Forming a collar bead. 2,058,926; Oct. 27.
- Underwood, William F. (See Charch, W. H., and Underwood.)
- Underwood, William F. (See Haskins, J. F., and Underwood.)
- U-Need-A-Pak Products Corporation. (See Troy, Daniel, assignor.)
- Unger, Ralph M., London, assignor to Softened Rubber Limited, Manchester, England. Manufacture of rubber. 2,030,191; Feb. 11.
- Unger, Arthur M., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating transformer. 2,060,477; Nov. 10.
- Unger, Edward J., Driftwood, Pa. Dispenser. 2,038,915; Apr. 28.
- Unger, Hugo, assignor to the firm Lintz & Eckhardt, Berlin, Germany. Sewing and embroidering machine with top feed and oscillating needle. 2,035,206; Mar. 24.
- Unger, Paul O., Glen Ellyn, assignor to Wilson Jones Company, Chicago, Ill. Sheet retaining device. 2,044,138; June 16.
- Unger, Paul O., Glen Ellyn, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,046,007; June 30.
- Unger, Paul O., Glen Ellyn, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,056,812; Oct. 6.
- Ungerer, Fritz, Pforzheim, Germany. Plate straightening machine. 2,044,373; June 16.
- Ungerer, Fritz, Pforzheim, Germany. Plate straightening machine. 2,049,142; July 28.
- Ugnade, Otto, Mason, Mich., assignor to S. M. A. Corporation, Cleveland, Ohio. Preparing meat sauce. 2,049,576; Aug. 4.
- Ugnade, Otto, and W. F. Richards, Mason, Mich., assignors to S. M. A. Corporation, Cleveland, Ohio. Recovering pigments. 2,031,991; Feb. 25.
- "Unichem," Chemikalien Handels A.-G. (See Hueter, Richard, assignor.)
- "Unichem," Chemikalien Handels A.-G. (See Schrauth, Walther, assignor.)
- "Unichem," Chemikalien Handels A.-G. (See Schrauth, W., and Hueter, assignors.)
- Unimatic Heater Corporation, et al. (See Corbett, Lawrence W., assignor.)
- Union Asbestos & Rubber Company. (See O'Connor, Arthur F., assignor.)
- Union Benevolent Association, The. (See Menees, T. O., and Miller, assignors.)
- Union Carbide and Carbon Corporation. (See Bagley, Glen D., assignor.)
- Union Carbide and Carbon Corporation. (See Baker, H. J., and Ness, assignors.)
- Union Carbide and Carbon Corporation. (See Baur, Karl, assignor.)
- Union Carbide and Carbon Corporation. (See Becket, Frederick M., assignor.)
- Union Carbide and Carbon Corporation. (See Becket, F. M., and Franks, assignors.)
- Union Carbide and Carbon Corporation. (See Bell, Andrew F., assignor.)
- Union Carbide and Carbon Corporation. (See Boshkoff, George J., assignor.)
- Union Carbide and Carbon Corporation. (See Brookins, W. L., and Jones, assignors.)
- Union Carbide and Carbon Corporation. (See Brown, Ralph C., assignor.)
- Union Carbide & Carbon Corporation. (See Bryce, C. K., and Jones, assignors.)
- Union Carbide and Carbon Corporation. (See Bucknam, J. H., and Geibig, assignors.)
- Union Carbide and Carbon Corporation. (See Burgess, Charles O., assignor.)
- Union Carbide and Carbon Corporation. (See Cahoon, Nelson C., assignor.)
- Union Carbide and Carbon Corporation. (See Chaney, N. K., and Dexter, assignors.)
- Union Carbide and Carbon Corporation. (See Cooper, Hugh S., assignor.)
- Union Carbide and Carbon Corporation. (See Cowin, Herbert W., assignor.)
- Union Carbide and Carbon Corporation. (See Cox, Henry L., assignor.)
- Union Carbide and Carbon Corporation. (See Cox, H. L., and Carruthers, assignors.)



- Union Carbide and Carbon Corporation. (See Cox, H. L., and Greer, assignors.)
- Union Carbide and Carbon Corporation. (See Cox, H. L., and Roper, assignors.)
- Union Carbide and Carbon Corporation. (See Critchett, James H., assignor.)
- Union Carbide and Carbon Corporation. (See Dana, Leo I., assignor.)
- Union Carbide & Carbon Corporation. (See De Motte, Maurice P., assignor.)
- Union Carbide and Carbon Corporation. (See Domizi, Dario, assignor.)
- Union Carbide and Carbon Corporation. (See Doom, Ernest F., assignor.)
- Union Carbide and Carbon Corporation. (See Douglas, Stuart D., assignor.)
- Union Carbide and Carbon Corporation. (See Edwards, Harry D., assignor.)
- Union Carbide and Carbon Corporation. (See Eversole, James F., assignor.)
- Union Carbide and Carbon Corporation. (See Fife, Harvey R., assignor.)
- Union Carbide and Carbon Corporation. (See Gaines, John M., Jr., assignor.)
- Union Carbide and Carbon Corporation. (See Graham, Robert N., assignor.)
- Union Carbide and Carbon Corporation. (See Graham, R. N., and Brackett, assignors.)
- Union Carbide and Carbon Corporation. (See Greer, P. S., and Gorman, assignors.)
- Union Carbide and Carbon Corporation. (See Harrah, Herschel, assignor.)
- Union Carbide and Carbon Company. (See Heise, George W., assignor.)
- Union Carbide and Carbon Corporation. (See Hutchison, Frank C., assignor.)
- Union Carbide and Carbon Corporation. (See Jones, H. W., Bucknam, and Cowin, assignors.)
- Union Carbide and Carbon Corporation. (See Jones, L. T., Kennedy and Rotermund, assignors.)
- Union Carbide and Carbon Corporation. (See Kahle, Heinrich, assignor.)
- Union Carbide and Carbon Corporation. (See Karwat, Ernst, assignor.)
- Union Carbide and Carbon Corporation. (See Kehl, Robert J., assignor.)
- Union Carbide and Carbon Corporation. (See Kehl, R. J., and Jones.)
- Union Carbide and Carbon Corporation. (See Kinzel, Augustus B., assignor.)
- Union Carbide and Carbon Corporation. (See Kinzel, A. B., and Crafts, assignors.)
- Union Carbide and Carbon Company. (See Kreag, Malcolm G., assignor.)
- Union Carbide and Carbon Corporation. (See Lennings, W., and Karwat, assignors.)
- Union Carbide and Carbon Corporation. (See Linde, Richard, assignor.)
- Union Carbide and Carbon Corporation. (See Lytle, Arthur R., assignor.)
- Union Carbide and Carbon Corporation. (See Marsal, Paul A., assignor.)
- Union Carbide and Carbon Corporation. (See Mesinger, William F., assignor.)
- Union Carbide and Carbon Corporation. (See Miller, Wilber B., assignor.)
- Union Carbide and Carbon Corporation. (See Mott, Chester, assignor.)
- Union Carbide and Carbon Corporation. (See Oldham, Samuel R., assignor.)
- Union Carbide and Carbon Corporation. (See Perkins, Granville A., assignor.)
- Union Carbide and Carbon Corporation. (See Perkins, G. A., and Toussaint, assignors.)
- Union Carbide and Carbon Corporation. (See Priestley, William J., assignor.)
- Union Carbide and Carbon Corporation. (See Quattlebaum, William M., Jr., assignor.)
- Union Carbide and Carbon Corporation. (See Radcliffe, Everett E., assignor.)
- Union Carbide and Carbon Corporation. (See Ray, Arthur B., assignor.)
- Union Carbide and Carbon Corporation. (See Reid, Ernest W., assignor.)
- Union Carbide and Carbon Corporation. (See Schrader, H., and Bossert, assignors.)
- Union Carbide and Carbon Corporation. (See Schumacher, Erwin A., assignor.)
- Union Carbide and Carbon Corporation. (See Smith, George H., assignor.)
- Union Carbide and Carbon Corporation. (See Smith, Ralph R., assignor.)
- Union Carbide and Carbon Corporation. (See Southgate, George T., assignor.)
- Union Carbide and Carbon Corporation. (See Toussaint, Walter J., assignor.)
- Union Carbide and Carbon Corporation. (See Wall, Matthew J., assignor.)
- Union Carbide and Carbon Corporation. (See Wickert, Jacob N., assignor.)
- Union Carbide and Carbon Corporation. (See Wissler, William A., assignor.)
- Union Carbide and Carbon Corporation. (See Yngve, Victor, assignor.)
- Union Carbide and Carbon Corporation. (See Zenner, George H., assignor.)
- Union Carbide and Carbon Research Laboratories, Inc. (See Corson, Michael G., assignor.)
- Union Carbide and Carbon Research Laboratories, Inc. (See Kennedy, H. E., Rotermund, and Jones, assignors.)
- Union City Body Company. (See Bromagem, Irl R., assignor.)
- Union County Trust Company, executors et al. (See Gray, Thomas T.)
- Union Cutlery Company. (See Bersted, Martin, assignor.)
- Union Hardware Company. (See Pardon, E. J., and Fritz, assignors.)
- Union Iron Works. (See Dempsey, H. C., and Stimmel, assignors.)
- Union Machinery Company. (See Marasso, Fred, assignor.)
- Union Metal Manufacturing Company, The. (See Orr, C. A., and Riemenschneider, assignors.)
- Union Metal Products Company. (See Gilpin, Garth G., assignor.)
- Union Metal Products Company. (See Schlesinger, Edgar E., assignor.)
- Union Metal Products Company. (See Small, Arthur E., assignor.)
- Union Metal Products Company. (See Tangerman, William J., assignor.)
- Union National Bank of Pittsburgh, The. (See McCullough, Frederick S., assignor.)
- Union Oil Company of California. (See Aldridge, Blair G., assignor.)
- Union Oil Company of California. (See Aldridge, B. G., and Hopper, assignors.)
- Union Oil Company of California. (See Bailey, James R., assignor.)
- Union Oil Company of California. (See Beynon, Le Guay, assignor.)
- Union Oil Company of California. (See Blount, Arthur L., assignor.)
- Union Oil Company of California. (See Bray, Ulric B., assignor.)
- Union Oil Company of California. (See Bray, U. B., and Beckwith, assignors.)
- Union Oil Company of California. (See Bray, U. B., Beckwith, and Scott, assignors.)
- Union Oil Company of California. (See Bray, U. B., and Carr, assignors.)
- Union Oil Company of California. (See Bray, U. B., and Swift, assignors.)
- Union Oil Company of California. (See Dillon, Lyle, assignor.)
- Union Oil Company of California. (See Dillon, L., and Swift, assignors.)
- Union Oil Company of California. (See Ewing, Frederick J., assignor.)
- Union Oil Company of California. (See Fisher, Harmon F., assignor.)
- Union Oil Company of California. (See Fisher, H. F., and Aldridge, assignors.)
- Union Oil Company of California. (See Gard, Earle W., assignor.)
- Union Oil Company of California. (See Hopper, Basil, assignor.)
- Union Oil Company of California. (See Merrill, David R., assignor.)
- Union Oil Company of California. (See Merrill, D. R., and Subkow, assignors.)
- Union Oil Company of California. (See Neukom, Oliver W., assignor.)
- Union Oil Company of California. (See Ott, T. F., Clarke, and Van Marter, assignors.)
- Union Oil Company of California. (See Page, Alexander G., assignor.)
- Union Oil Company of California. (See Ragatz, Edward G., assignor.)
- Union Oil Company of California. (See Shepherd, George C., Jr., assignor.)
- Union Oil Company of California. (See Subkow, Philip, assignor.)
- Union Oil Company of California. (See Swift, Claude E., assignor.)
- Union Salt Company, The. (See Venning, F. J., and Yeip, assignors.)
- Union Special Machine Company. (See Berger, Joseph, assignor.)
- Union Special Machine Company. (See Biddle, John M., assignor.)
- Union Special Machine Company. (See Christensen, Norman V., assignor.)
- Union Special Machine Company. (See Edwards, Russell T., assignor.)
- Union Special Machine Company. (See Hacklander, Hans, assignor.)
- Union Special Machine Company. (See Kucera, Frank A., assignor.)
- Union Special Machine Company. (See Le Vesconte, Harold J., assignor.)
- Union Special Machine Company. (See Pfeiffer, William H., assignor.)
- Union Special Machine Company. (See Riviere, Albert S., assignor.)
- Union Special Machine Company. (See Riviere, A. S., Le Vesconte, and Hacklander, assignors.)
- Union Special Machine Company. (See Rubel, Charles F., assignor.)



- Union Special Machine Company. (See Rubel, C. F., and Wyleta, assignors.)
- Union Special Machine Company. (See Sauer, George, assignor.)
- Union Special Machine Company. (See Sauer, G., and Smith, assignors.)
- Union Special Machine Company. (See Smith, Clarence C., assignor.)
- Union Special Machine Company. (See Thompson, Charles S., assignor.)
- Union Special Machine Company. (See Willis, Harry L., assignor.)
- Union Steam Pump Company. (See Bird, J. C., and Smith, assignors.)
- Union Steam Pump Company. (See Smith, Karl D., assignor.)
- Union Steam Pump Company. (See Smith, K. D., and Bird, assignors.)
- Union Steel Chest Corporation. (See Yawman, Harvey H., assignor.)
- Union Steel Corporation (of South Africa) Limited, The. (See Robson, George, assignor.)
- Union Steel Products Company. (See Bitney, Dewey H., assignor.)
- Union Steel Products Company. (See Hatch, Charles T., assignor.)
- Union Sulphur Company, The. (See Keever, William R., assignor.)
- Union Switch & Signal Company, The. (See Agnew, Norman F., assignor.)
- Union Switch & Signal Company, The. (See Allen, Earl M., assignor.)
- Union Switch & Signal Company, The. (See Allen, E. M., and Brooks, assignors.)
- Union Switch & Signal Company, The. (See Allen, E. M., and Young, assignors.)
- Union Switch & Signal Company, The. (See Ballou, Richard P., assignor.)
- Union Switch & Signal Company, The. (See Baughman, George W., assignor.)
- Union Switch & Signal Company, The. (See Beall, Charles R., assignor.)
- Union Switch & Signal Company, The. (See Bell, Charles W., assignor.)
- Union Switch & Signal Company, The. (See Blosser, Herman G., assignor.)
- Union Switch & Signal Company, The. (See Bone, Herbert L., assignor.)
- Union Switch & Signal Company, The. (See Bossart, Paul N., assignor.)
- Union Switch & Signal Company, The. (See Brooks, Charles A., assignor.)
- Union Switch & Signal Company, The. (See Crago, Paul H., assignor.)
- Union Switch & Signal Company, The. (See Crago, P. H., and Dodd, assignors.)
- Union Switch & Signal Company, The. (See Devol, L., and Cravath, assignors.)
- Union Switch & Signal Company, The. (See Dodd, Arthur E., assignor.)
- Union Switch & Signal Company, The. (See Dowling, Philip H., assignor.)
- Union Switch & Signal Company, The. (See Failor, Charles W., assignor.)
- Union Switch & Signal Company, The. (See Fisher, Arthur W., assignor.)
- Union Switch & Signal Company, The. (See Gilson, Robert M., assignor.)
- Union Switch & Signal Company, The. (See Jackel, Arthur P., assignor.)
- Union Switch & Signal Company, The. (See Kemmerer, Ralph R., assignor.)
- Union Switch & Signal Company, The. (See Lay, Charles H., assignor.)
- Union Switch & Signal Company, The. (See Lazich, Branko, assignor.)
- Union Switch & Signal Company, The. (See Lazich, B., and Ashworth, assignors.)
- Union Switch & Signal Company, The. (See Lazich, B., and Zygmunt.)
- Union Switch & Signal Company, The. (See Livingston, John W., assignor.)
- Union Switch & Signal Company, The. (See Martin, Paul N., assignor.)
- Union Switch & Signal Company, The. (See McCann, Ronald A., assignor.)
- Union Switch & Signal Company, The. (See McCann, R. A., and Young, assignors.)
- Union Switch & Signal Company, The. (See McWhirter, William C., assignor.)
- Union Switch & Signal Company, The. (See Nicholson, Frank H., assignor.)
- Union Switch & Signal Company, The. (See Nicholson, F. H., and Blosser, assignors.)
- Union Switch & Signal Company, The. (See Nicholson, F. H., and Bryan, assignors.)
- Union Switch & Signal Company, The. (See O'Hagan, Bernard E., assignor.)
- Union Switch & Signal Company, The. (See O'Meara, Thomas J., assignor.)
- Union Switch & Signal Company, The. (See Parkinson, James A., assignor.)
- Union Switch & Signal Company, The. (See Parrill, E. E., and Lay, assignors.)
- Union Switch & Signal Company, The. (See Pelikan, John M., assignor.)
- Union Switch & Signal Company, The. (See Peter, L. H., and MacGregor, assignors.)
- Union Switch & Signal Company, The. (See Pfisterer, George R., assignor.)
- Union Switch & Signal Company, The. (See Snavelly, Clarence S., assignor.)
- Union Switch & Signal Company, The. (See Sorensen, Andrew J., assignor.)
- Union Switch & Signal Company, The. (See Sorensen, A. J., and Allison, assignors.)
- Union Switch & Signal Company, The. (See Sosinski, Paul P., assignor.)
- Union Switch & Signal Company, The. (See Spray, Lester E., assignor.)
- Union Switch & Signal Company, The. (See Thompson, Howard A., assignor.)
- Union Switch & Signal Company, The. (See Vanhorn, James J., assignor.)
- Union Switch & Signal Company, The. (See Vantassel, Harry C., assignor.)
- Union Switch & Signal Company, The. (See Wallace, Herbert A., assignor.)
- Union Switch & Signal Company, The. (See Wells, Wesley B., assignor.)
- Union Switch & Signal Company, The. (See Whitelock, L. D., Bossart, Place, and Sorensen, assignors.)
- Union Switch & Signal Company, The. (See Willard, Paul F., assignor.)
- Union Switch & Signal Company, The. (See Williamson, Arba G., assignor.)
- Union Switch & Signal Company, The. (See Witmer, H. G., and Hedding, assignors.)
- Union Switch & Signal Company, The. (See Woodforde, John, assignor.)
- Union Switch & Signal Company, The. (See Young, Henry S., assignor.)
- Union Switch & Signal Company, The. (See Young, H. S., and Allen, assignors.)
- Union Trust Company, et al. (See Lepore, Alfred L., assignor.)
- Union Wadding Company. (See Esselen, G. J., and Talbot, assignors.)
- Unipress Company, The. (See Wilhelm, Fred C., assignor.)
- Uni-Print Corporation. (See Magath, Isaac, assignor.)
- Unique Balance Company. (See Larson, Algot, assignor.)
- United Air Cleaner Co. (See Hallerberg, Theodore W., assignor.)
- United Aircraft Corporation. (See Caldwell, Frank W., assignor.)
- United Aircraft Corporation. (See Caldwell, F. W., and Martin, assignors.)
- United Aircraft Corporation. (See Gluhareff, Michael E., assignor.)
- United Aircraft Corporation. (See MacClain, Albert L., assignor.)
- United Aircraft Corporation. (See Martin, Erle, assignor.)
- United Aircraft Corporation. (See Ryder, Earle A., assignor.)
- United Aircraft Corporation. (See Shoemaker, James M., assignor.)
- United Air Lines Transport Corporation. (See Hiscock, Thorp, assignor.)
- United American Bosch Corporation. (See Beeh, Louis, assignor.)
- United American Bosch Corporation. (See Bond, Marion E., assignor.)
- United American Bosch Corporation. (See Cotter, W. F., and Bond, assignors.)
- United American Bosch Corporation. (See Curtis, Leslie F., assignor.)
- United American Bosch Corporation. (See Curtis, L. F., and Scharf, assignors.)
- United American Bosch Corporation. (See Garvey, Edmond P., assignor.)
- United American Bosch Corporation. (See Kongsted, Ludvig P., assignor.)
- United American Bosch Corporation. (See Kresser, Leo, assignor.)
- United American Bosch Corporation. (See Lang, G. J., Martin, and Crocker, assignors.)
- United American Bosch Corporation. (See Martin, J. F., and Kongsted, assignors.)
- United American Bosch Corporation. (See Raskhodoff, Nicholas, assignor.)
- United American Bosch Corporation. (See Walker, C. L., Moatz, and Allen, assignors.)
- United American Bosch Corporation. (See Wild, J. E., and Schwarzmann, assignors.)
- United Autographic Register Co. (See Euth, John E., assignor.)
- United Autographic Register Co. (See Jensen, Louis, assignor.)
- United Autographic Register Co. (See Kessler, Jack J., assignor.)
- United Autographic Register Co. (See Schroeder, Bernard A., assignor.)
- United Autographic Register Co. (See Winter, Charles L., assignor.)
- United Carbon Company. (See Grote, Hans W., assignor.)
- United Carbon Company. (See Grote, Walther H., assignor.)
- United-Carr Company. (See Merk, George S., assignor.)



- United-Carr Company, Inc. (See Zachman, William H., assignor.)
- United Carr Fastener Corporation. (See Blanchard, Edwin S., assignor.)
- United-Carr Fastener Corporation. (See Calhoun, John C., assignor.)
- United-Carr Fastener Corporation. (See Carr, Moses F., assignor.)
- United-Carr Fastener Corporation. (See Chaffee, Raymond O., assignor.)
- United-Carr Fastener Corporation. (See Churchill, Wilmer H., assignor.)
- United-Carr Fastener Corporation. (See Cox, Joseph F., assignor.)
- United-Carr Fastener Corporation. (See Drumpelmann, Carlton T., assignor.)
- United-Carr Fastener Corporation. (See Hall, Charles L., assignor.)
- United-Carr Fastener Corporation. (See Hatch, Charles W., assignor.)
- United-Carr Fastener Corporation. (See Hayden, Lester N., assignor.)
- United-Carr Fastener Corporation. (See Johnson, Gustav, assignor.)
- United-Carr Fastener Corporation. (See Johnson, Russell W., assignor.)
- United-Carr Fastener Corporation. (See Jones, Walter I., assignor.)
- United-Carr Fastener Corporation. (See Kimbell, Arthur W., assignor.)
- United-Carr Fastener Corporation. (See Lowenstein, Casper, assignor.)
- United-Carr Fastener Corporation. (See Murphy, Howard J., assignor.)
- United-Carr Fastener Corporation. (See Pihl, Sophus E., assignor.)
- United-Carr Fastener Corporation. (See Smith, Alfred J., assignor.)
- United-Carr Fastener Corporation. (See Wilson, Cary C., assignor.)
- United Chromium, Incorporated. (See Lukens, Hiram S., assignor.)
- United Color & Pigment Company. (See Cauwenberg, Winfred J., assignor.)
- United Color & Pigment Company. (See Ryan, L. W., and Cauwenberg, assignors.)
- United Cork Companies. (See Schwarz, Quirin J., assignor.)
- United Cotton Products Company. (See Hurst, Edward, assignor.)
- United Cotton Products Company. (See Hurst, E., and Crane, assignors.)
- United Elastic Corporation. (See Shaw, Kenneth R., assignor.)
- United Elastic Corporation. (See Van Voorhis, George S., assignor.)
- United Electric Controls Company. (See Dezotell, Bernard W., assignor.)
- United Engineering & Foundry Company. (See Biggert, Florence C., Jr., assignor.)
- United Engineering & Foundry Company. (See Buente, Charles F., assignor.)
- United Engineering & Foundry Company. (See Ellis, B. H., and Fry, assignors.)
- United Engineering & Foundry Company. (See Gardner, Kirtland C., assignor.)
- United Engineering & Foundry Company. (See McBane, Walter W., assignor.)
- United Engineering & Foundry Company. (See Sieger, Maurice P., assignor.)
- United Engineering & Foundry Company. (See Smitmans, John A., assignor.)
- United Engineering & Foundry Company. (See Talbot, Howard H., assignor.)
- United Engineers & Constructors Inc. (See Chewing, Walter L., assignor.)
- United Gas Improvement Company, The. (See Claffey, J. B., and Perry, assignors.)
- United Gas Improvement Company, The. (See Evans, Owen B., assignor.)
- United Gas Improvement Company. (See Fulweiler, Walter H., assignor.)
- United Gas Improvement Company, The. (See Ott, Robert J., assignor.)
- United Gas Improvement Company, The. (See Ward, A. L., Jordan, and Milbourne, assignors.)
- United Gas Improvement Company, The. (See Winterstein, Clarence C., assignor.)
- United Glass Bottle Manufacturers Limited, The. (See Judd, Harold J., assignor.)
- United Glass Bottle Manufacturers Limited, The. (See Moorshead, Thomas C., assignor.)
- United Hosiery Mills Corporation. (See Marshall, John L., assignor.)
- United Kingdom Optical Company. (See Culver, E., and Emerson, assignors.)
- United Lens Corporation. (See Arbuckle, S. F., and Coulter, assignors.)
- United Mattress Machinery Company. (See Mathewson, Wilfred E., assignor.)
- United Merchants & Manufacturers, Inc. (See Foley, J. F., and Couillard, assignors.)
- United Merchants & Manufacturers, Inc. (See Jewett, William Van D., assignor.)
- United Metal Box Co. (See Hammer, Samuel, assignor.)
- United Milk Crate Corporation, The. (See Krueger, F. G., and Lion, assignors.)
- United Research Corporation. (See Carpenter, Arthur W., assignor.)
- United Research Corporation. (See Carpenter, A., and E. Ross, assignors.)
- United Research Corporation. (See Carter, Emmett F., assignor.)
- United Research Corporation. (See Farrand, Clair L., assignor.)
- United Research Corporation. (See Gillette, Clyde F., assignor.)
- United Research Corporation. (See Haas, Paul, assignor.)
- United Research Corporation. (See Levinson, Nathan, assignor.)
- United Research Corporation. (See Miller, James A., assignor.)
- United Research Corporation. (See McClay, Roy C., assignor.)
- United Research Corporation. (See Newcomer, Harry S., assignor.)
- United Research Corporation. (See Nystrom, Martin, assignor.)
- United Research Corporation. (See Tasker, Homer G., assignor.)
- United Research Corporation. (See Treacy, Cyril S., assignor.)
- United Shoe Machinery Corporation. (See Ashley, John W., assignor.)
- United Shoe Machinery Corporation. (See Ashworth, Fred, assignor.)
- United Shoe Machinery Corporation. (See Ayers, Fred L., assignor.)
- United Shoe Machinery Corporation. (See Bagshaw, Charles M., assignor.)
- United Shoe Machinery Corporation. (See Ballard, Milton H., assignor.)
- United Shoe Machinery Corporation. (See Ballard, M. H., Bunker, Finn, Hardy, Seely, and Thomas, assignors.)
- United Shoe Machinery Corporation. (See Barclay, W. R., Woodcock, and Minett, assignors.)
- United Shoe Machinery Corporation. (See Barnett, W., and O'Key, assignors.)
- United Shoe Machinery Corporation. (See Bates, Arthur, assignor.)
- United Shoe Machinery Corporation. (See Baxter, William C., assignor.)
- United Shoe Machinery Corporation. (See Bazzoni, Lewis J., assignor.)
- United Shoe Machinery Corporation. (See Belyea, Fred, assignor.)
- United Shoe Machinery Corporation. (See Bergen, Martin J., assignor.)
- United Shoe Machinery Corporation. (See Bertrand, Fred-eric E., assignor.)
- United Shoe Machinery Corporation. (See Bessom, Earl A., assignor.)
- United Shoe Machinery Corporation. (See Better, Francis J., assignor.)
- United Shoe Machinery Corporation. (See Blake, Charles C., assignor.)
- United Shoe Machinery Corporation. (See Blanchard, Benjamin B., assignor.)
- United Shoe Machinery Corporation. (See Bolton, William R., assignor.)
- United Shoe Machinery Corporation. (See Bonser, Ernest F., assignor.)
- United Shoe Machinery Corporation. (See Boulton, George, assignor.)
- United Shoe Machinery Corporation. (See Bradbury, Walter W., assignor.)
- United Shoe Machinery Company. (See Brandt, Francis L., assignor.)
- United Shoe Machinery Corporation. (See Brister, William, assignor.)
- United Shoe Machinery Corporation. (See Brostrom, Charles G., assignor.)
- United Shoe Machinery Corporation. (See Brown, John H., assignor.)
- United Shoe Machinery Corporation. (See Cantley, Joseph C., assignor.)
- United Shoe Machinery Corporation. (See Cavanaugh, James, assignor.)
- United Shoe Machinery Corporation. (See Cooper, B. P., and Henshaw, assignors.)
- United Shoe Machinery Corporation. (See Courter, John W., assignor.)
- United Shoe Machinery Corporation. (See Cross, Garrett P. S., assignor.)
- United Shoe Machinery Corporation. (See Cummings, Roy W., assignor.)
- United Shoe Machinery Corporation. (See Cummings, R. W., Knowles, and Eppler, assignors.)
- United Shoe Machinery Corporation. (See Cuzzo, Michele, assignor.)
- United Shoe Machinery Corporation. (See Davis, Hiotte A., assignor.)
- United Shoe Machinery Corporation. (See Dixon, Paul H., assignor.)
- United Shoe Machinery Corporation. (See Dow, Harry E., assignor.)
- United Shoe Machinery Corporation. (See Eastman, Fred C., assignor.)
- United Shoe Machinery Corporation. (See Elliott, Harold E., assignor.)



- United Shoe Machinery Corporation. (See Engel, Karl, assignor.)  
 United Shoe Machinery Corporation. (See Eppler, Andrew, assignor.)  
 United Shoe Machinery Corporation. (See Fausse, Joseph, assignor.)  
 United Shoe Machinery Corporation. (See Finn, Sidney J., assignor.)  
 United Shoe Machinery Corporation. (See Fossa, J., and Elliott, assignors.)  
 United Shoe Machinery Corporation. (See Foster, Fred L., assignor.)  
 United Shoe Machinery Corporation. (See Fredericksen, James P., assignor.)  
 United Shoe Machinery Corporation. (See Freeman, George W., assignor.)  
 United Shoe Machinery Corporation. (See Gillette, Walter I., assignor.)  
 United Shoe Machinery Corporation. (See Glass, Perley R., assignor.)  
 United Shoe Machinery Corporation. (See Goddu, George, assignor.)  
 United Shoe Machinery Corporation. (See Goldbourn, J., and Kestell, assignors.)  
 United Shoe Machinery Corporation. (See Gookin, Sylvester L., assignor.)  
 United Shoe Machinery Corporation. (See Gordon, George N., assignor.)  
 United Shoe Machinery Corporation. (See Gouldbourn, Joseph, assignor.)  
 United Shoe Machinery Corporation. (See Gouldbourn, J., Elliott, and Hopkins, assignors.)  
 United Shoe Machinery Corporation. (See Gouldbourn, J., and Kestell, assignors.)  
 United Shoe Machinery Corporation. (See Gouldbourn, J., Kestell, and Keall, assignors.)  
 United Shoe Machinery Corporation. (See Greene, Chester W., assignor.)  
 United Shoe Machinery Corporation. (See Grewcock, Horace, assignor.)  
 United Shoe Machinery Corporation. (See Guinivan, Francis A., assignor.)  
 United Shoe Machinery Corporation. (See Haas, Otto R., assignor.)  
 United Shoe Machinery Corporation. (See Hadaway, John B., assignor.)  
 United Shoe Machinery Corporation. (See Hall, Alfred E. C., assignor.)  
 United Shoe Machinery Corporation. (See Hall, A. E. C., Eek and Huhn, assignors.)  
 United Shoe Machinery Corporation. (See Hallam, H., and James, assignors.)  
 United Shoe Machinery Corporation. (See Hardenbrook, Charles E., Jr., assignor.)  
 United Shoe Machinery Corporation. (See Harrington, Joseph, Jr., assignor.)  
 United Shoe Machinery Corporation. (See Hart, George T., Jr., assignor.)  
 United Shoe Machinery Corporation. (See Haumont, Edmond, assignor.)  
 United Shoe Machinery Corporation. (See Hazelton, George, assignor.)  
 United Shoe Machinery Corporation. (See Hazelton, G., James, and Bacon, assignors.)  
 United Shoe Machinery Corporation. (See Holmgren, Eric A., assignor.)  
 United Shoe Machinery Corporation. (See Hood, Charles B., assignor.)  
 United Shoe Machinery Corporation. (See Hooper, Lester B., assignor.)  
 United Shoe Machinery Corporation. (See Hopkins, Raymond E., assignor.)  
 United Shoe Machinery Corporation. (See Johnson, Arthur S., assignor.)  
 United Shoe Machinery Corporation. (See Johnson, Joseph W., assignor.)  
 United Shoe Machinery Corporation. (See Jones, Charles T., assignor.)  
 United Shoe Machinery Corporation. (See Jorgensen, Bernhardt, assignor.)  
 United Shoe Machinery Corporation. (See Jorgensen, Jacob C., assignor.)  
 United Shoe Machinery Corporation. (See Kamborian, Jacob S., assignor.)  
 United Shoe Machinery Corporation. (See Keall, Frank B., assignor.)  
 United Shoe Machinery Corporation. (See Kennison, Frank, assignor.)  
 United Shoe Machinery Corporation. (See Kennison, F., and O'Brien, assignors.)  
 United Shoe Machinery Corporation. (See Kilburn, Karl, assignor.)  
 United Shoe Machinery Corporation. (See Kinney, Fay D., assignor.)  
 United Shoe Machinery Corporation. (See Knight, R. F., and Reid, assignors.)  
 United Shoe Machinery Corporation. (See Knowles, Lloyd G., assignor.)  
 United Shoe Machinery Corporation. (See Knowlton, Norwood H., assignor.)  
 United Shoe Machinery Corporation. (See La Chapelle, Fred N., assignor.)  
 United Shoe Machinery Corporation. (See Lancaster, John T., assignor.)  
 United Shoe Machinery Corporation. (See Laudanno, Francesco, assignor.)  
 United Shoe Machinery Corporation. (See Lawson, Axel A., assignor.)  
 United Shoe Machinery Corporation. (See Lawson, Oscar L., assignor.)  
 United Shoe Machinery Corporation. (See Lawson, Robert H., assignor.)  
 United Shoe Machinery Corporation. (See Leveque, Bernard T., assignor.)  
 United Shoe Machinery Corporation. (See Lindblad, Axel E., assignor.)  
 United Shoe Machinery Corporation. (See Lisbon, Joseph C., Sr., assignor.)  
 United Shoe Machinery Corporation. (See Lovejoy, Fred C., assignor.)  
 United Shoe Machinery Corporation. (See Lyon, Harry, assignor.)  
 United Shoe Machinery Corporation. (See MacBurnie, Fred, assignor.)  
 United Shoe Machinery Corporation. (See MacDonald, Clifford K., assignor.)  
 United Shoe Machinery Corporation. (See MacDonald, Lester S., assignor.)  
 United Shoe Machinery Corporation. (See MacKenzie, Fred L., assignor.)  
 United Shoe Machinery Corporation. (See MacKenzie, Wilbur L., assignor.)  
 United Shoe Machinery Corporation. (See McIntire, James E., assignor.)  
 United Shoe Machinery Corporation. (See Mellerio, L. P., and Ricks, assignors.)  
 United Shoe Machinery Corporation. (See Mertinz, Franz, assignor.)  
 United Shoe Machinery Corporation. (See Moody, Fred M., assignor.)  
 United Shoe Machinery Corporation. (See Mooney, Fred L., assignor.)  
 United Shoe Machinery Corporation. (See Morrill, Alfred R., assignor.)  
 United Shoe Machinery Corporation. (See Murphy, Everett E., assignor.)  
 United Shoe Machinery Corporation. (See Naugler, Walter E., assignor.)  
 United Shoe Machinery Corporation. (See Newhall, Carl A., assignor.)  
 United Shoe Machinery Corporation. (See Newhall, Herbert B., assignor.)  
 United Shoe Machinery Corporation. (See Nichols, George H., assignor.)  
 United Shoe Machinery Corporation. (See Nichols, G. H., and Caswell, assignors.)  
 United Shoe Machinery Corporation. (See Nutt, William H., assignor.)  
 United Shoe Machinery Corporation. (See O'Gorman, Gaynor, assignor.)  
 United Shoe Machinery Corporation. (See Pepin, Charles H., assignor.)  
 United Shoe Machinery Corporation. (See Pym, Arthur F., assignor.)  
 United Shoe Machinery Corporation. (See Pym, A. F., and Scarlett, assignors.)  
 United Shoe Machinery Corporation. (See Pym, Charles F., assignor.)  
 United Shoe Machinery Corporation. (See Reid, Robert G., assignor.)  
 United Shoe Machinery Corporation. (See Reid, Robert G., Jr., assignor.)  
 United Shoe Machinery Corporation. (See Richardson, John H., assignor.)  
 United Shoe Machinery Corporation. (See Ricks, Fred, assignor.)  
 United Shoe Machinery Corporation. (See Ricks, F., and Elliott, assignors.)  
 United Shoe Machinery Corporation. (See Ricks, F., Elliott, and Choice, assignors.)  
 United Shoe Machinery Corporation. (See Ricks, F., and Jones, assignors.)  
 United Shoe Machinery Corporation. (See Rising, Harry A., assignor.)  
 United Shoe Machinery Corporation. (See Roberts, C., and Whelton, assignors.)  
 United Shoe Machinery Corporation. (See Roberts, William T. B., assignor.)  
 United Shoe Machinery Corporation. (See Roeder, Clarence E., assignor.)  
 United Shoe Machinery Corporation. (See Roske, Milton H., assignor.)  
 United Shoe Machinery Corporation. (See Ross, S. G., and Anderson, assignors.)  
 United Shoe Machinery Corporation. (See Sabin, Ernest E., assignor.)  
 United Shoe Machinery Corporation. (See Sandberg, Robert N., assignor.)  
 United Shoe Machinery Corporation. (See Scarnegie, Daniel A., assignor.)  
 United Shoe Machinery Corporation. (See Schmidt, Eckard F., assignor.)  
 United Shoe Machinery Corporation. (See Shambow, John C., assignor.)  
 United Shoe Machinery Corporation. (See Shaw, Wesley J., assignor.)  
 United Shoe Machinery Corporation. (See Sidney, J., assignor.)



United Shoe Machinery Corporation. (See Simmons, Ralph C., assignor.)  
 United Shoe Machinery Corporation. (See Stacey, Ernest W., assignor.)  
 United Shoe Machinery Corporation. (See Standish, John F., assignor.)  
 United Shoe Machinery Corporation. (See Stelkens, Willy, assignor.)  
 United Shoe Machinery Corporation. (See Sullivan, Dennis J., assignor.)  
 United Shoe Machinery Corporation. (See Tetlow, Max W., assignor.)  
 United Shoe Machinery Corporation. (See Thomas, William D., assignor.)  
 United Shoe Machinery Corporation. (See Thum, Walter A., assignor.)  
 United Shoe Machinery Corporation. (See Topham, Laurence E., assignor.)  
 United Shoe Machinery Corporation. (See Turner, Chester D., assignor.)  
 United Shoe Machinery Corporation. (See Weber, Lewis F., assignor.)  
 United Shoe Machinery Corporation. (See Whelton, John M., assignor.)  
 United Shoe Machinery Corporation. (See Whidden, Thomas A., assignor.)  
 United Shoe Machinery Corporation. (See Williams, E. A., and Berger, assignors.)  
 United Shoe Machinery Corporation. (See Winkley, Erasmus E., assignor.)  
 United Shoe Machinery Corporation. (See Woodcock, R. B., and Barton, assignors.)  
 United States Appliance Corporation. (See Schleimer, Floyd V., assignor.)  
 U. S. Bobbin & Shuttle Company 1929. (See Park, Carl P., assignor.)  
 U. S. Bobbin & Shuttle Company. (See Visclosi, Louis, assignor.)  
 U. S. Bottlers Machinery Co. (See Risser, Arthur I., assignor.)  
 United States Cabinet Bed Co., The. (See Martin, Joseph, assignor.)  
 U. S. Duplicator Company. (See Offer, Samuel, assignor.)  
 U. S. Electrical Motors, Inc. (See Dolan, E. F., and Mellon, assignors.)  
 United States Envelope Company. (See Allison, Robert L., assignor.)  
 United States Envelope Company. (See Furman, Samuel, assignor.)  
 United States Envelope Company. (See Goder, Max, assignor.)  
 United States Envelope Company. (See Heywood, Vincent E., assignor.)  
 United States Envelope Company. (See Kennedy, George H., Jr., assignor.)  
 United States Envelope Company. (See Lindgren, Anders G. S., assignor.)  
 United States Envelope Company. (See Novick, Abraham, assignor.)  
 United States Envelope Company. (See Swallow, Francis P., assignor.)  
 United States Finishing Company. (See Cady, George H., assignor.)  
 United States Fire Protection Corporation. (See Doelling, Louis, assignor.)  
 United States Fire Protection Corporation. (See Willenborg, Walter J., assignor.)  
 U. S. Galvanizing & Plating Corporation. (See Potthoff, Kurt T., assignor.)  
 U. S. Galvanizing & Plating Equipment Corporation. (See Potthoff, Kurt T., assignor.)  
 United States Gauge Company. (See Gaiser, Paul, assignor.)  
 United States Gauge Company. (See Gruver, F. S., and Aschenbach, assignors.)  
 United States Gauge Company. (See Klein, M., and Tollefsen, assignors.)  
 United States Gauge Company. (See Tollefsen, Reidar A., assignor.)  
 United States Gauge Company. (See Willach, Bernard, assignor.)  
 United States Glass Company. (See Ilgenfritz, Curtis B., assignor.)  
 United States Government, as represented by the Secretary of the Treasury. (See Mallory, George E., assignor.)  
 United States Government, represented by the Secretary of the Treasury, The. (See Small, Lyndon F., assignor.)  
 United States Gypsum Company. (See Anning, Harold E., assignor.)  
 United States Gypsum Company. (See Baldof, Bruno E., assignor.)  
 United States Gypsum Company. (See Gibson, Oliver E., assignor.)  
 United States Gypsum Company. (See Hussman, Carl, assignor.)  
 United States Gypsum Company. (See Johnson, Lloyd F., assignor.)  
 United States Gypsum Company. (See Linzell, Harry K., assignor.)  
 United States Gypsum Company. (See Manske, Fred A., assignor.)  
 United States Gypsum Company. (See McNeil, William M., assignor.)

United States Gypsum Company. (See Mills, Claude B., assignor.)  
 United States Gypsum Company. (See Nold, J. H., and Bostwick, assignors.)  
 United States Gypsum Company. (See Page, John, assignor.)  
 United States Gypsum Co., The. (See Reel, Herbert W., assignor.)  
 United States Gypsum Company. (See Roos, Carlisle K., assignor.)  
 United States Gypsum Company. (See Roos, C. K., and King, assignors.)  
 United States Gypsum Co. (See Roos, C. K., Offutt, and Scholz, assignors.)  
 United States Gypsum Company. (See Scholz, Herman A., assignor.)  
 United States Gypsum Company. (See Sterling, Robert J., assignor.)  
 United States Gypsum Company. (See Vass, Michael G., assignor.)  
 U. S. Hame Company. (See Glaser, John M., assignor.)  
 United States Hoffman Machinery Corporation. (See Koplin, H., and Maki, assignors.)  
 United States Hoffman Machinery Corporation. (See Strobbridge, William, assignor.)  
 United States Hoffman Machinery Corporation. (See Sutton, Harry G., assignor.)  
 United States Holding Corporation. (See Ulmann, Edmond E., assignor.)  
 U. S. Hydrogenation Corporation. (See McKee, Ralph H., assignor.)  
 U. S. Industrial Alcohol Co. (See Burghart, Lloyd M., assignor.)  
 U. S. Industrial Alcohol Co. (See Moore, William C., assignor.)  
 U. S. Manufacturing Corporation. (See Gollan, William H., assignor.)  
 U. S. Manufacturing Corporation. (See Platt, Stephen A., assignor.)  
 United States Metallic Packing Company, The. (See Light, R. A., and Price, assignors.)  
 United States of America. (See Partridge, E. P., and Fragen, assignors.)  
 United States of America. (See Storch, H. H., and Fragen, assignors.)  
 United States of America, Dedicated to the Free Use of the Public of the. (See Balls, A. K., and Swenson.)  
 United States Ordnance Company. (See Smith, George L., assignor.)  
 United States Paper Mills, Inc. (See Winter, Courtney P., assignor.)  
 United States Paper Mills, Inc. (See Winter, C. P. and Rosenthal, assignors.)  
 United States Pipe and Foundry Company. (See Hering, Edward, assignor.)  
 United States Pipe and Foundry Company. (See Russell, N. F. S., and Langenberg, assignors.)  
 U. S. Postal Meter Corporation. (See Mack, Luther L., assignor.)  
 United States Printing & Lithograph Company, The. (See Frey, John N., assignor.)  
 United States Printing & Lithograph Co., The. (See Koebel, Albert H., assignor.)  
 United States Printing & Lithograph Company, The. (See Ruckelshaus, John G., assignor.)  
 United States Printing & Lithograph Company, The. (See Storch, Otto P., assignor.)  
 United States Process Corporation. (See Heuser Herman, assignor.)  
 United States Radio & Television Corporation. (See Foster, Dudley E., assignor.)  
 United States Radium Corporation. (See Paul, John E., assignor.)  
 U. S. Ring Traveler Company. (See Land, Oliver B., assignor.)  
 United States Rubber Company. (See Adamson, Percy, assignor.)  
 United States Rubber Company. (See Barnard, A. E., and Messer, assignors.)  
 United States Rubber Company. (See Cassady, Gerald H., assignor.)  
 United States Rubber Company. (See Chappell, Francis R., assignor.)  
 United States Rubber Company. (See Clark, Edward H., assignor.)  
 United States Rubber Company. (See Cobb, Henry Z., assignor.)  
 United States Rubber Company. (See Cobb, H. Z., and Francis, assignors.)  
 United States Rubber Company. (See Eger, Ernst, assignor.)  
 United States Rubber Company. (See Eldridge, Robert W., assignor.)  
 United States Rubber Company. (See Fisher, Harry L., assignor.)  
 United States Rubber Company. (See Foster, Boutwell H., assignor.)  
 United States Rubber Company. (See Galligan, J. J., and Robinson, assignors.)  
 United States Rubber Company. (See Galligan, J. J., and Thornton, assignors.)  
 United States Rubber Company. (See Gammeter, John R., assignor.)  
 United States Rubber Company. (See Gerke, Roscoe H., assignor.)



- United States Rubber Company. (See Gilson, Henry R., assignor.)  
 United States Rubber Company. (See Hopkinson, E., Belanger, Alcott, and Hewitt, assignors.)  
 United States Rubber Company. (See Hurt, Victor H., assignor.)  
 United States Rubber Company. (See Keen, Alexis W., assignor.)  
 United States Rubber Company. (See Lehman, P. W., and Wikle, assignors.)  
 United States Rubber Company. (See Lewis, Harry F., assignor.)  
 United States Rubber Company. (See Linscott, C. E., and Rice, assignors.)  
 United States Rubber Company. (See McGavack, John, assignor.)  
 United States Rubber Company. (See Mooney, Melvin, assignor.)  
 United States Rubber Company. (See Pipes, Walter L., assignor.)  
 United States Rubber Company. (See Rice, Harold D., assignor.)  
 United States Rubber Company. (See Roberts, Edward F., assignor.)  
 United States Rubber Company. (See Robinson, W. J., and Galligan, assignors.)  
 United States Rubber Company. (See Shinkle, Seaphes D., assignor.)  
 United States Rubber Company. (See Smith, Omar H., assignor.)  
 United States Rubber Company. (See Teague, Merwyn C., assignor.)  
 United States Rubber Company. (See Watkins, Parke H., assignor.)  
 United States Rubber Company. (See Wikle, George F., assignor.)  
 United States Rubber Company. (See Zonino, F., and Emery, assignors.)  
 United States Rubber Products, Inc. (See Adamson, Seth, assignor.)  
 United States Rubber Products, Inc. (See Bardach, L. H., and Curtiss, assignors.)  
 United States Rubber Products, Inc. (See Brooks, Arthur E., assignor.)  
 United States Rubber Products, Inc. (See Cady, John E., assignor.)  
 United States Rubber Products, Inc. (See Chittenden, Fayette D., assignor.)  
 United States Rubber Products, Inc. (See Chittenden, F. D., and Rupprecht, assignors.)  
 United States Rubber Products, Inc. (See Curtis, Ernest B., assignor.)  
 United States Rubber Products, Inc. (See Dickey, Ralph L., assignor.)  
 United States Rubber Products, Inc. (See Edelson, Robert, assignor.)  
 United States Rubber Products, Inc. (See Galligan, James J., assignor.)  
 United States Rubber Products, Inc. (See Howland, Louis H., assignor.)  
 United States Rubber Products, Inc. (See Kuhn, Herbert M., assignor.)  
 United States Rubber Products, Inc. (See Leaper, Percy J., assignor.)  
 United States Rubber Products, Inc. (See Pickett, Francis N., assignor.)  
 United States Rubber Products, Inc. (See Porteous, John A., assignor.)  
 United States Rubber Products, Inc. (See Roberts, Edward F., assignor.)  
 United States Rubber Products, Inc. (See Tuley, William F., assignor.)  
 U. S. Slicing Machine Company. (See Ahndt, A. H., and Folk, assignors.)  
 U. S. Slicing Machine Company. (See Brustowsky, Morris, assignor.)  
 U. S. Slicing Machine Company. (See Folk, Joseph, assignor.)  
 U. S. Slicing Machine Company. (See Mahler, William, assignor.)  
 U. S. Slicing Machine Company. (See Stukart, Hendrik, assignor.)  
 United States Steel Corporation. (See Bain, E. C., and Aborn, assignors.)  
 United States Steel Corporation. (See Hogg, W. C., King, and Rumford, assignors.)  
 United States Steel Corporation. (See Larsen, B. M., and Shenk, assignors.)  
 U. S. Submarine Motorship Dredge, Inc. (See Lord, Mount C., assignor.)  
 United States Tobacco Company. (See Thom, James C., assignor.)  
 United Superior Union Company, Inc. (See Walsh, John B., assignor.)  
 United Wood Heel Company. See Howe, Andrew F., assignor.)  
 Untor Corporation. (See Parsons, George K., assignor.)  
 Universal Button Fastening & Button Company. (See Clark, John M., assignor.)  
 Universal Button Fastening & Button Company. (See Hanson, W. O., and Bowen, assignors.)  
 Universal Camera Corp. (See Githens, Otto W., assignor.)  
 Universal Cotton Roll Company. (See Heyer, Don, assignor.)  
 Universal Crusher Company. (See Rosendahl, Nils M., assignor.)  
 Universal-Engel Paper Box Manufacturing Company. (See Engel, William J., assignor.)  
 Universal Fire Appliance Corporation. (See Lewis, John O., assignor.)  
 Universal Form Clamp Company. (See Pinaud, John, and Quick, assignors.)  
 Universal Gear Shift Corporation. (See Hodgkins, Albert A., assignor.)  
 Universal Hydraulic Corporation. (See Kinzie, Phillip A., assignor.)  
 Universal Hydraulic Corporation. (See Kinzie, P. A., Savage, and France, assignors.)  
 Universal Implement Corporation. (See Johnson, Chester W., assignor.)  
 Universal Insulation Company. (See Ericson, Richard, assignor.)  
 Universal Merit Corporation. (See Elliott, Peter M., assignor.)  
 Universal Oil Company of California. (See Fisher, Harmon F., assignor.)  
 Universal Oil Products Company. (See Alther, Joseph G., assignor.)  
 Universal Oil Products Company. (See Angell, Charles H., assignor.)  
 Universal Oil Products Company. (See Barnes, John B., assignor.)  
 Universal Oil Products Company. (See Behimer, Otto, assignor.)  
 Universal Oil Products Company. (See Benedict, Wayne L., assignor.)  
 Universal Oil Products Company. (See Borst, William B., assignor.)  
 Universal Oil Products Company. (See Borst, W. B., and Gerhold, assignors.)  
 Universal Oil Products Company. (See Comay, Salmen, assignor.)  
 Universal Oil Products Company. (See Cutter, John, assignor.)  
 Universal Oil Products Company. (See Davis, Richard F., assignor.)  
 Universal Oil Products Company. (See Day, Roland B., assignor.)  
 Universal Oil Products Company. (See Dubbs, Carbon P., assignor.)  
 Universal Oil Products Company. (See Egloff, Gustav, assignor.)  
 Universal Oil Products Company. (See Egloff, G., and Fisher, assignors.)  
 Universal Oil Products Company. (See Egloff, G., and Morrell, assignors.)  
 Universal Oil Products Company. (See Fisher, Alfred, assignor.)  
 Universal Oil Products Company. (See Grosse, Aristid V., assignor.)  
 Universal Oil Products Company. (See Heid, Jacob B., assignor.)  
 Universal Oil Products Company. (See Henny, Victor, assignor.)  
 Universal Oil Products Company. (See Howard, William R., assignor.)  
 Universal Oil Products Company. (See Huff, Lyman C., assignor.)  
 Universal Oil Products Company. (See Ipatieff, Vladimir, assignor.)  
 Universal Oil Products Company. (See Ipatieff, V., and Grosse, assignors.)  
 Universal Oil Products Company. (See Ipatieff, V., and Komarewsky, assignors.)  
 Universal Oil Products Company. (See Kinnaird, William R., assignor.)  
 Universal Oil Products Company. (See Lowry, Charles D., Jr., assignor.)  
 Universal Oil Products Company. (See Lowry, C. D., Jr., and Skowronski, assignors.)  
 Universal Oil Products Company. (See Mekler, Lev A., assignor.)  
 Universal Oil Products Company. (See Miller, George W., assignor.)  
 Universal Oil Products Company. (See Morrell, Jacque C., assignor.)  
 Universal Oil Products Company. (See Morrell, J. C., and Egloff, assignors.)  
 Universal Oil Products Company. (See Nelson, Edwin F., assignor.)  
 Universal Oil Products Company. (See Seguy, Jean D., assignor.)  
 Universal Oil Products Company. (See Skowronski, Felix J., assignor.)  
 Universal Oil Products Company. (See Swartwood, Kenneth, assignor.)  
 Universal Oil Products Company. (See Tropsch, Hans, assignor.)  
 Universal Oil Products Company. (See Weber, Harold C., assignor.)  
 Universal Optical Corporation. (See Bosworth, Thomas E., assignor.)  
 Universal Optical Corporation. (See Marciano, Gerardo F., assignor.)  
 Universal Optical Corporation. (See Searles, Wayne S., assignor.)  
 Universal Optical Corporation. (See Sweeney, James A., assignor.)



- Universal Paper Products Company. (See Amberg, Walter E., assignor.)
- Universal Products Co., The. (See Ketcham, F., and Dunn, assignors.)
- Universal Products Company, The. (See Warner, Archibald A., assignor.)
- Universal Products Company. (See Wollner, Hans, assignor.)
- Universal Rubber Pavlors Limited. (See Sexton, Arthur F., assignor.)
- Universal Sanitary Manufacturing Co. (See Beam, James R., assignor.)
- Universal Winding Company. (See LeBoeuf, Arthur W., assignor.)
- Universal Winding Company. (See Swanson, Ernest R., assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co. (See Röhr, Konstantin F., assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co. (See Schmiedel, Johannes, assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co. (See Stelzer, Franz H. B., assignor.)
- University of Chicago. (See Bartky, Walter, assignor.)
- University of Michigan, Regents of The. (See Abbott, E. J., and Firestone, assignors.)
- Univis Corporation, The. (See Hancock, Virgil H., assignor.)
- Unke, Herman A., Cleveland, Ohio. Method and apparatus for threading hollow metal articles. 2,054,182; Sept. 15.
- Unlandherm, John H. (See Caccia, Walter, assignor.)
- Unyte Corporation. (See Eisenmann, K., Scholz, and Wolf, assignors.)
- Uong, Diong D., assignor to Fitchburg Paper Company, Fitchburg, Mass. Manufacture of coated paper. 2,030,483; Feb. 11.
- Updegraff, Claude E., Seattle, Wash. Curtain fixture. 2,056,874; Oct. 6.
- Updegraff, Hughes B., Detroit, Mich., assignor to Aluminum Company of America, Pittsburgh, Pa. Extrusion. 2,047,237; July 14.
- Upham, George B. (See Minch, Nelson R., assignor.)
- Upham, Gilbert R., Churchville, Pa., assignor to The DeLong Hook and Eye Company. Nonseparable fastener. 2,028,423; Jan. 21.
- Upper, Frederick A. (See Chormann, G. W., Upper, and Work.)
- Uppercu, Inglis M., Rumson, assignor, by mesne assignments, to Burnelli Aircraft, Ltd., Keyport, N. J. Aircraft. 2,041,623; May 19.
- Upson, Carl A., Hammond, Ind. Practicing machine for adjusters. 2,045,812; June 30.
- Upson, Carl A., Hammond, Ind. Recording instrument. 2,054,996; Sept. 22.
- Upson, Charles A., assignor to The Upson Company, Lockport, N. Y. Construction material. 2,063,964; Dec. 15.
- Upson, Charles A., assignor to The Upson Company, Lockport, N. Y. Building material. 2,064,132; Dec. 15.
- Upson, Charles A., assignor to The Upson Company, Lockport, N. Y. Composite construction material. 2,064,327; Dec. 15.
- Upson Company, The. (See Upson, Charles A., assignor.)
- Upson, Maxwell M., Englewood, N. J. Treating refuse and making building materials therefrom. 2,040,416; May 12.
- Upson, Maxwell M., Englewood, N. J., assignor to Raymond Concrete Pile Company, New York, N. Y. Concrete sea wall. 2,045,112; June 23.
- Upson, Ralph H. (See Wright, E. H., and Upson.)
- Uptegrove, Mary E., by decree of court. (See Soman, Mary E. U.)
- Upton, Archie H., et al. (See Dewey, Josiah A., assignor.)
- Upton, Charles B., Piqua, Ohio. Cooker. 2,027,131; Jan. 7.
- Upton, Ida M., et al. (See Dewey, Josiah A., assignor.)
- Upton, John M., assignor to Filshie Lead Head Nail Co., Inc., Chicago, Ill. Nail. 2,058,273; Oct. 20.
- Urban, Leon F., Chicago, Ill., assignor of one-half to Lug-Lox Flooring Company. Flooring. 2,046,593; July 7.
- Urban, Oliver M., Columbus, assignor to C. H. Lewis, Harpster, Ohio. Purification of organically polluted waters. 2,029,958; Feb. 4.
- Urban, Oliver M., Columbus, assignor to C. H. Lewis, Harpster, Ohio. Water purification. 2,029,959; Feb. 4.
- Urban, Oliver M., Columbus, assignor to C. H. Lewis, Harpster, Ohio. Water purification. 2,029,960; Feb. 4.
- Urban, Oliver M., Columbus, assignor to C. H. Lewis, Harpster, Ohio. Water purification. 2,029,961; Feb. 4.
- Urban, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Purification of potable and polluted waters. 2,029,962; Feb. 4.
- Urban, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Purification of potable and polluted waters. 2,029,963; Feb. 4.
- Urban, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Purification of potable and polluted waters. 2,029,964; Feb. 4.
- Urban, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Reagent for water purification and producing same. 2,029,966; Feb. 4.
- Urban, Oliver M., and W. R. Stemen, Columbus, assignors to Charles H. Lewis, Harpster, Ohio. Purification of potable and polluted waters. 2,050,398; Aug. 11.
- Urban, Alfred E., Saint Charles, assignor to American Hydrolizer Company, Elmhurst, Ill. Fertilizer implement. 2,044,821; June 23.
- Urbanowicz, Stanley B. (See Cowan, H. G., Lake, and Urbanowicz.)
- Urbschat, Ewald. (See Bonrath, W., and Urbschat.)
- Urdang, Harry L., Hackensack Township, Bergen County, N. J. Leather shrinking device. 2,048,760; July 28.
- Uren, William J. (See Raiston, O. C., and Uren.)
- Urfer, Adolf, assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Rate of climb instruments. 2,031,803; Feb. 25.
- Urfer, Adolf, Richmond Hill, assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Repeating angular movements. 2,053,409; Sept. 8.
- Urmetz, Walter W., Parma, assignor to The Ferro Engineering Company, Cleveland, Ohio. Hot top lining. 2,046,043; June 30.
- Urschel, Bertis H., Bowling Green, Ohio. Tubular axle. 2,040,577; May 12.
- Urschel, William E., Valparaiso, Ind. Corn picker. 2,026,761; Jan. 7.
- Urschel, William F., Valparaiso, Ind. Vegetable peeler. 2,065,163; Dec. 22.
- Ursinus, Otto, assignor to firm Emil Busch, Aktiengesellschaft, Optische Industrie, Rathenow, Germany. Comparison microscope. 2,040,066; May 5.
- Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron tubes in a retarding field circuit arrangement. 2,034,011; Mar. 17.
- Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Meterdyne receiver. 2,049,677; Aug. 4.
- Urtel, Rudolf, and K. Steimel, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Automatic demodulator sensitivity control. 2,027,939; Jan. 14.
- Urtel, Rudolf and K. Steimel, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Demodulation circuit. 2,060,142; Nov. 10.
- Ury, Matthew, Bronx, N. Y. Controlling apparatus for automobile engines. 2,031,139; Feb. 18.
- Usines de Melle. (See Boinot, Firmin, assignor.)
- Usines de Melle. (See Guinot, Henri M., assignor.)
- Ussinger, Matthias C., Media, assignor to Federal Container Company, Philadelphia, Pa. Box. 2,040,224; May 12.
- Ussinger, Matthias C., Media, assignor to Federal Container Company, Philadelphia, Pa. Box. 2,047,809; July 14.
- Usona Manufacturing Co., The. (See Williams, Robert G., assignor.)
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency modulation apparatus. 2,030,125; Feb. 11.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,036,164; Mar. 31.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Phase and frequency modulation. 2,036,165; Mar. 31.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Mercury vapor rectifier. 2,037,837; Apr. 21.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Modulating means. 2,042,748; June 2.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Phase rotation detector and frequency regulator. 2,044,749; June 16.
- Usselman, George L., Port Jefferson, Long Island, N. Y., assignor to Radio Corporation of America. Modulation. 2,045,973; June 30.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Modulation. 2,048,900; July 28.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,049,143; July 28.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. High frequency transmitting circuit. 2,051,503; Aug. 18.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillation generation. 2,057,170; Oct. 13.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency controlling means. 2,058,114; Oct. 20.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Modulation. 2,058,928; Oct. 27.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,065,842; Dec. 29.
- Usselman, George L., Rocky Point, N. Y., assignor to Radio Corporation of America. Automatic idle time keying unit. 2,044,519; June 16.
- Utah Radio Products Co. (See Barrett, Edward L., assignor.)
- Utah Radio Products Company. (See Dumke, Willy, assignor.)
- Utah Radio Products Company. (See Ellmore, William A., assignor.)



- Utilities Service Company. (See Miller, Herbert E., as signor.)
- Utilities Service Company. (See Miller, H. E., and Krueger, assignors.)
- Utilities Service Company. (See Nye, I. W., and Miller, assignors.)
- Utility Electric and Machine Works, Inc. (See Berry, Joseph C., assignor.)
- Utility Trailer Manufacturing Company. (See Knox, Garner L., assignor.)
- Utley, Austin H., Independence, Iowa. Door stop. 2,037,404; Apr. 14.
- Utt, Jack H., et al. (See Jones, Jacob, assignor.)
- Uttech, Herman, Fulda, Minn. Vent closure for water pumps. 2,054,209; Sept. 15.
- Utterbach, James, et al. (See Way, George C., assignor.)
- Uyeda, Kikuzo, Oakland, Calif. Polisher unit. 2,047,340; July 14.
- Uytenbogaart, Johannes. (See Hartmann, A., Stoeckly, and Uytenbogaart.)
- Uyterhoeven, Willem, C. Verburg, and E. G. Dorgelo, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge device. 2,030,414; Feb. 11.
- Uyterhoeven, Willem, M. J. Druyvesteyn, C. Verburg and L. Blok, Eindhoven, Netherlands, assignors to General Electric Company. Electric discharge device. 2,056,629; Oct. 6.
- Uyterhoeven, Willem, J. Bruijnes, and C. Verburg, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,056,630; Oct. 6.
- Uyterhoeven, Willem, and J. Bergmans, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,056,631; Oct. 6.
- Vacca, Cosmo. (See Holz, Frank, assignor.)
- Vaco Products, Inc. (See Velo, Anthony C., assignor.)
- Vaco Products, Inc. (See Williams, Frederick S., assignor.)
- Vacuum Concrete Corporation. (See Billner, Karl P., assignor.)
- Vacuum Process Mineral Extracting Company. (See Elian, Arthur J., assignor.)
- Vadner, Charles S., Winnemucca, Nev. Production of manganese dioxide. 2,042,814; June 2.
- Vahlteich, Hans W., New York, N. Y., and C. H. Haurand, North Plainfield, and R. H. Neal, Bayonne, N. J., assignors to The Best Foods, Inc., New York, N. Y. Margarine and oil for use therein. 2,047,530; July 14.
- Vail, Dan R., Evanston, assignor to Paper Partitions, Inc., Chicago, Ill. Punch press for cell case machines. 2,059,501; Nov. 3.
- Vail, Walter E., Charleston, W. Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Acid synthesis process. 2,033,161; Mar. 10.
- Vaisey, Harold C., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Wrist watch adapter. 2,035,931; Mar. 31.
- Valášek, Adolf, and E. Valenta, assignors to Limited Company formerly the Skoda Works, Pilsen, Prague, Czechoslovakia. Piston. 2,036,448; Apr. 7.
- Valbuena, Luis M., New York, N. Y. Artificial tooth. 2,060,478; Nov. 10.
- Vale, Baldwin, San Francisco, Calif. Building construction. 2,048,901; July 28.
- Valenta, Emanuel. (See Valášek, A., and Valenta.)
- Valenti, Carl, Pittsburgh, Pa. Combination precast joist and slab. 2,057,601; Oct. 13.
- Valentin, Auguste and L. Bassani, Paris, France. Photographic apparatus for color cinematography. 2,043,522; June 9.
- Valentin, Auguste, and L. Bassani, Paris, France. Complex objective for three-color projection. 2,056,696; Oct. 6.
- Valentine, Clarence E., Lancaster, Ohio. Locking device for milk bottles. 2,045,934; June 30.
- Valentine, Percy W., Brooklyn, N. Y. Shoemaking. 2,053,120; Sept. 1.
- Vali, John E., W. S., and W., Sylvan Lake, Alberta, Canada. Loading and unloading machine. 2,057,403; Oct. 13.
- Vali, Steiner. (See Vali, J. E., W. S., and W.)
- Vali, Walter. (See Vali, J. E., W. S., and W.)
- Vali, Werner. (See Vali, J. E., W. S., and W.)
- Valik, Ludwig, Long Island City, N. Y., assignor to Givaudan-Delawanna, Inc., New York, N. Y. Manufacturing anhydrous aluminum chloride. 2,033,055; Mar. 3.
- Valiquette, Joseph L., Lowell, Mass. Die for marking plans of ornamentation. 2,057,805; Oct. 20.
- Valley, Eugene F., Rockaway, N. J., assignor to Stapling Machines Co. Machine for use in making boxes. 2,055,091 Sept. 22.
- Valley Forge Cement Company. (See Breerwood, Charles H., assignor.)
- Valley Manufacturing Corporation. (See Rocquin, Wenceslaus G., assignor.)
- Valley Mould and Iron Corporation. (See Perry, J. E., and Ramage, assignors.)
- Valtat, Raymond L. A., Paris, France, assignor to International Business Machines Corporation, New York, N. Y. Card for statistical machines and manufacturing said card. 2,041,880; May 26.
- Valtat, Raymond L. A., Paris, France, assignor to International Business Machines Corporation, New York, N. Y. Control cards for statistical machines. 2,041,881; May 26.
- Van Ackeren, Paul, Essen, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Coke oven door. 2,040,887; May 19.
- Van Ackeren, Paul, Essen, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Producer and the like. 2,056,060; Sept. 29.
- Van Ackeren, Paul, Essen-Ruhr, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Contrivance for reversing the direction taken by gas of regenerative coke ovens. 2,054,183; Sept. 15.
- Vanacore, Anthony. (See Voit, O. B., and Vanacore.)
- Vanadium-Alloys Steel Company. (See Gill, James P., assignor.)
- Vanadium-Alloys Steel Company. (See McKenna, Philip M., assignor.)
- Vanadium Corporation of America. (See Strauss, Jerome, assignor.)
- Van Albada, Lieuwe E. W., Bloemendaal, Netherlands. Lens-stereoscope. 2,033,902; Mar. 10.
- Van Alstyne, Albert T., Three Rivers, Mich. Combination buckle and flexible member. 2,038,324; Apr. 21.
- Van Alstyne, Bonnie E., San Francisco, Calif. Copy holder. 2,034,929; Mar. 24.
- Van Alstyne, Bonnie E., San Francisco, Calif. Copy holder and stand. 2,034,930; Mar. 24.
- Van Ameringen-Haebler, Inc. (See Theimer, Ernst T., assignor.)
- Van Arkel, Anton E., and H. J. M. van Embden, Eindhoven, Netherlands, assignors to Radio Corporation of America. Electrolytic condenser. 2,042,283; May 26.
- Van Arsdel, Ernest, Indianapolis, Ind. Door check. 2,044,865; June 23.
- Van Arsdel, Ernest, Indianapolis, Ind. Door check. 2,064,995; Dec. 22.
- Van Atta, Cloyd B., assignor to Locke Insulator Corporation, Baltimore, Md. Insulator. 2,043,523; June 9.
- Van Atta, Robert S., Rochester, N. Y. Tandem engine arrangement. 2,049,339; July 28.
- Vanatta, Willis N., Ontario, Calif. Apparatus for curling hair. 2,051,231; Aug. 18.
- Van Billiard, Lewis H., Bridgeport, Conn., assignor to General Electric Company. Antenna. 2,063,641; Dec. 8.
- Van Brunt, Harry D., Los Angeles, Calif. Brake. 2,031,517; Feb. 18.
- Van Brunt Manufacturing Company, The. (See Erdman, Theodore J., assignor.)
- Van Brunt Manufacturing Company, The. (See Schaeffer, John, assignor.)
- Van Buren, John, Brooklyn, N. Y. Wrapping machine. 2,050,818; Aug. 11.
- Van Buren, John, Brooklyn, N. Y. Machine for feeding, stacking, and boxing articles. 2,051,190; Aug. 18.
- Van Buskirk, James, Evanston, Ill. Line splice. 2,040,678; May 12.
- Van Cant, Francis J. J., Batu Pahat, Johore, Straits Settlements. Manufacture of substitute for natural rubber. 2,046,662; July 7.
- Van Cappellen, Johan H., Japara Rembang, Dutch East Indies. Control device for one or more machines. 2,060,433; Nov. 10.
- Vance, Arthur J., and R. C. Moore, assignors to The Coe Manufacturing Company, Painesville, Ohio. Drier. 2,039,129; Apr. 28.
- Vance, Forrest C., Champaign, Ill. Folding grandstand. 2,030,776; Feb. 11.
- Vance, Glenrole M. and L. R., Kansas City, Mo. Oil heating apparatus. 2,046,098; June 30.
- Vance, Leonard R. (See Vance, Glenrole M. and L. R.)
- Vance, Philip B., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe and making the same. 2,035,731; Mar. 31.
- Vancil, Edgar D., and F. S. Haas, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Machine tool organization. 2,033,406; Mar. 10.
- Vancil, Edgar D., and F. S. Haas, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Machine tool. 2,045,737; June 30.
- Van Cleef Bros. (See Van Cleef, Noah, assignor.)
- Van Cleef Bros. (See Van Cleef, Paul, assignor.)
- Van Cleef, Noah, assignor to Van Cleef Bros., Chicago, Ill. Vulcanizing apparatus. 2,051,504; Aug. 18.
- Van Cleef, Paul, assignor to Van Cleef Bros., Chicago, Ill. Masking tape. 2,038,325; Apr. 21.
- Van Cleef, Paul, assignor to Van Cleef Bros., Chicago, Ill. Hair curler. 2,061,817; Nov. 24.
- Vanco Products Company. (See Vang, Alfred, assignor.)
- Van Damme, Louis E. (See Lamberty, F. R., and Van Damme.)
- Van Deest, Henry, assignor to Henney Motor Company, Freeport, Ill. Extension supporting roller for hearses. 2,056,697; Oct. 6.
- Van Deest, Walter J., Los Angeles, Calif. Toy. 2,031,240; Feb. 18.
- Van de Graaff, Robert J., Cambridge, Mass., assignor to Research Corporation, New York, N. Y. Shaft seal for high vacuum chambers. 2,064,703; Dec. 15.
- Van de Griendt, Gerald H., and W. Engs, Berkeley, Calif. Production of alcohols. 2,060,143; Nov. 10.



- Vandegrift, James N., New York, N. Y., assignor, by mesne assignments, to Coal Products Company of Delaware, Philadelphia, Pa. Retort construction. 2,041,882; May 26.
- Vandegrift, James N., and C. Postel, New York, and C. V. Linn, Bay Shore, N. Y., assignors, by mesne assignments, to Coal Products Company of Delaware, Philadelphia, Pa. Apparatus for producing fuel. 2,041,883; May 26.
- Vandegrift, James N., and C. Postel, New York, N. Y., assignors, by mesne assignments, to Coal Products Company of Delaware, Philadelphia, Pa. Apparatus for producing fuel. 2,066,082; Dec. 29.
- Vandegrift, James N., and C. Postel, assignor to Coal Products Co. of Delaware, New York, N. Y. Fuel and producing said fuel. 2,066,083; Dec. 29.
- Van Degrift, Thomas C., assignor to General Motors Corporation, Detroit, Mich. Dynamic balancing machine. 2,037,443; Apr. 14.
- Van Degrift, Thomas C., assignor to General Motors Corporation, Detroit, Mich. Vibration indicating device. 2,060,963; Nov. 17.
- Van den Berg, Aart, assignor, by mesne assignments, to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray installation. 2,053,587; Sept. 8.
- Vanden Berg, Peter H., Ontario, Calif., assignor to Edison General Electric Appliance Company, Incorporated, Chicago, Ill. Electric heating unit. 2,063,642; Dec. 8.
- Van den Berg, Simon J. (See Agterberg, Gustaaf A., assignor.)
- Van den Bosch, Francois J. G., London, England. Cathode ray tube. 2,062,538; Dec. 1.
- Vandenburgh, John W., White Plains, N. Y. Headlight system. 2,029,348; Feb. 4.
- Vandendries, Corneille. (See Ferrero, P., and Vandendries.)
- Vanderbeek, Samuel W. (See Grant, A. E., and Vanderbeek.)
- Vanderbilt, R. T., Co. (See Alton, W. H., and Jones, assignors.)
- Vanderbilt, R. T., Co. Inc. (See Larson, Leon H., assignor.)
- Vandercook, David D. (See Vandercook, Edward O., and D. D., and Pelland.)
- Vandercook, Edward O., and D. D., Evanston, and Raymond L. Pelland, assignors to Vandercook & Sons, Chicago, Ill. Printing press. 2,049,636; Aug. 4.
- Vander Cook, Raymon E. (See Sweetland, E., and Vander Cook.)
- Vander Cook, Raymond E., Inkster, and A. M. Lawson, Trenton, Mich., assignors to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Purification of caustic soda solutions. 2,028,898; Jan. 28.
- Vandercook & Sons. (See Vandercook, Edward O., and D. D., and Pelland, assignors.)
- Van der Grinten, Lodewijk P. F., assignor to Naamlooze Vennootschap Chemische Fabriek L. van der Grinten, Venlo, Netherlands. Producing copies by reflectography. 2,051,582; Aug. 18.
- Van der Grinten, Lodewijk P. F., assignor to Naamlooze Vennootschap Chemische Fabriek L. van der Grinten, Venlo, Netherlands. Making reflex copies. 2,051,583; Aug. 18.
- Van der Grinten, Lodewijk P. F., assignor to Naamlooze Vennootschap Chemische Fabriek L. van der Grinten, Venlo, Netherlands. Making reflex copies. 2,051,585; Aug. 18.
- Van der Grinten, Lodewijk P. F., assignor to Naamlooze Vennootschap Chemische Fabriek L. van der Grinten, Venlo, Netherlands. Making irradiation subdividing screens. 2,051,586; Aug. 18.
- Van Derhoef, Henry E., assignor to Eastman Kodak Company, Rochester, N. Y. Curing laminated sheeting. 2,037,744; Apr. 21.
- Vanderhoff, Russell E. (See Weber, M. J., and Vanderhoff.)
- Vanderhoof, Frank E., assignor to F. W. Vanderhoof, Greenwich, Conn. Bottle stopper lock. 2,046,224; June 30.
- Vanderhoof, Frank W. (See Vanderhoof, Frank E., assignor.)
- Van der Horst, Henderik, Hilversum, Netherlands. Providing a hard wearing surface in the cylinder bores of internal combustion engines and the like. 2,048,578; July 21.
- Van Der Horst, Henry, and R. E. Hanson, Chicago, Ill. Drain. 2,049,340; July 28.
- Vander Kraats, Nicholas C., New Brunswick, N. J. Plant marker. 2,031,394; Feb. 18.
- Vanderlip, Louis C., Elkhart, Ind. Grease gun. 2,027,500; Jan. 14.
- Vanderlip, Louis C., Elkhart, Ind. Locking tank cap. 2,034,931; Mar. 24.
- Van der Mark, Jan, Eindhoven, Netherlands, assignor to Radio Corporation of America. Electron discharge tube. 2,032,781; Mar. 3.
- Van der Mark, Jan, Eindhoven, Netherlands, assignor to Radio Corporation of America. Radio receiver. 2,050,819; Aug. 11.
- Van der Meulen, Johannes H., Arnhem, Netherlands. Preparing soluble starch. 2,053,012; Sept. 1.
- Van der Meulen, Johannes H., Arnhem, Netherlands. Preparing starch products. 2,053,013; Sept. 1.
- Vanderminde, Edwin, Granville, N. Y. Folding furniture. 2,032,955; Sept. 1.
- Van der Minne, Johan L. (See Gabriel, L. G., Blott, Peard, Firmin, Meunier, and van der Minne.)
- Van der Pol, Balthasar. (See Alexander, J. W., and Van der Pol.)
- Van der Pol, Balthasar. (See Posthumus, K., and van der Pol.)
- Vanderpool, John F., and W. H. Baker, Golden, Idaho. Wetproof blasting cap sealer. 2,036,511; Apr. 7.
- Van der Pyl, Edward, Holden, assignor to Norton Company, Worcester, Mass. Safety tread. 2,041,032; May 19.
- Van der Pyl, Edward, Holden, assignor to Norton Company, Worcester, Mass. Case hardening. 2,048,526; July 21.
- Van der Pyl, Edward, Holden, assignor to Norton Company, Worcester, Mass. Anti-slipping tread and floor covering and making the same. 2,057,171; Oct. 13.
- Van Derveer, Clarence A. (See Beck, E. J., Van Derveer, and Karpen.)
- Van Derveer, Clarence A., Michigan City, Ind., assignor to S. Karpen & Bros., Chicago, Ill. Transportation seat. 2,055,268; Sept. 22.
- Vander Veer, John H., Westfield, N. J., assignor to National Pneumatic Company, New York, N. Y. Gas and fume eliminator for internal combustion engines. 2,035,775; Mar. 31.
- Vanderveld, Anthony, assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Display cabinet. 2,056,544; Oct. 6.
- Vandervoort, Francis M., assignor to The White Motor Company, Cleveland, Ohio. Lubricating means for change speed mechanisms. 2,053,542; Sept. 8.
- Vandervoort, Francis M., assignor to The White Motor Company, Cleveland, Ohio. Change speed mechanism. 2,057,073; Oct. 13.
- Van der Woude, Fritz, assignor to General Industries Company, Elyria, Ohio. Electric motor. 2,037,606; Apr. 14.
- Van Deusen, Donald E., and H. Berg, assignors to The Kelly Reamer Company, Cleveland, Ohio. Inserted blade type cutter. 2,042,081; May 26.
- Van Devanter, Harry R., New York, N. Y., assignor, by mesne assignments, to General Motors Corporation. Motor operated machine unit. 2,062,045; Nov. 24.
- Van Deventer, Harry R., New York, N. Y., assignor, by mesne assignments, to General Motors Corporation. Motor pump and condensing unit. 2,031,080; Feb. 18.
- Vandever, James R., Pampa, Tex., assignor to Richard P. Abele, as trustee, Tulsa, Okla. Heater for oil wells. 2,035,412; Mar. 24.
- Vandever, James R., Pampa, Tex., assignor to Richard P. Abele, as trustee, Tulsa, Okla. Oil well heater. 2,035,413; Mar. 24.
- Van Dillen, Albert, Amsterdam, Netherlands. Door-closing device. 2,028,424; Jan. 21.
- Van Doren, Harold, et al., Trustees. (See Ellsworth, Charles K., assignor.)
- Van Doren, Harold L., and J. G. Rideout, assignors to The American-National Company, Toledo, Ohio. Sled. 2,041,982; May 26.
- Van Dresser Specialty Corporation. (See Van Dresser, William C., assignor.)
- Van Dresser Specialty Corporation. (See Van Dresser, William C., and W. B., assignors.)
- Van Dresser, Wesley B. (See Van Dresser, William C. and W. B.)
- Van Dresser, William C., assignor to Van Dresser Specialty Corporation, Detroit, Mich. Cushion construction. 2,049,551; Aug. 4.
- Van Dresser, William C. and W. B., assignors to Van Dresser Specialty Corporation, Detroit, Mich. Footrest. 2,032,157; Feb. 25.
- Van Dresser, William C. and W. B., assignors to Van Dresser Specialty Corporation, Detroit, Mich. Forming machine. 2,047,717; July 14.
- Van Dresser, William C. and W. B., assignors to Van Dresser Specialty Corporation, Detroit, Mich. Cushion construction. 2,049,550; Aug. 4.
- Van Dusen, Charles A., Baltimore, Md. Pipe fitting. 2,026,954; Jan. 7.
- Van Dusen, Charles H., Jr., Cleveland Heights, and E. C. Dietrich, East Cleveland, Ohio, assignors, by mesne assignments, to Cooper Sparkelite, Ltd., Dover, Del. Making pyrophoric flints. 2,062,486; Dec. 1.
- Van Duyn, Homer J., et al. (See Bristow, Harry L., assignor.)
- Van Dyke, John W., Philadelphia, Pa. Pipe section protection. 2,028,576; Jan. 21.
- Van Dyke, Russel H., C. J. Staud, and H. Le B. Gray, assignors to Eastman Kodak Company, Rochester, N. Y. Fibrous esterification of cellulose. 2,029,900; Feb. 4.
- Van Embden, Hendrik J. M. (See Teves, M. C., and Van Embden.)
- Van Embden, Hendrik J. M. (See Van Arkel, A. E., and van Embden.)
- Van Embden, Hendrik J. M., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrolytic device. 2,048,417; July 21.
- Van Eweyk, George W., Milwaukee, Wis. Water softener. 2,042,749; June 2.



- Van Eweyk, William F., Milwaukee, Wis. Attachable water softener. 2,049,530; Aug. 4.
- Vang, Alfred, assignor to Vanco Products Company, Detroit, Mich. Intake and exhaust manifold construction for internal combustion engines. 2,054,997; Sept. 22.
- Van Geel, Willem C. (See de Boer, J. H., van Geel, and Teves.)
- Van Geel, Willem C. (See Emmens, H., van Geel, and Claassen.)
- Van Geel, Willem C., and H. Emmens, Eindhoven, Netherlands, assignors to Radio Corporation of America. Electrolytic condenser. 2,029,451; Feb. 4.
- Van Geel, Willem C., and J. H. de Boer, Eindhoven, Netherlands, assignors to Radio Corporation of America. Electrode system. 2,038,616; Apr. 28.
- Van Gessel, Karel M., and W. D. van Wijk, Eindhoven, Netherlands, assignors to Radio Corporation of America. Making metal bodies consisting of a core and a shell. 2,050,820; Aug. 11.
- Van Gessel, Karel M., G. Holst, and J. L. H. Jonker, Eindhoven, Netherlands, assignors to Radio Corporation of America. Indirectly heated cathode for discharge tubes. 2,057,124; Oct. 13.
- Van Guilder, Walter, Oak Park, Ill., assignor to General Electric Company. Mixing device. 2,047,841; July 14.
- Van Guilder, Walter, Stratford, Conn., assignor to Edison General Electric Appliance Company, Chicago, Ill. Mixing and whipping device. 2,054,666; Sept. 15.
- Van Halteren, Andrew S., Akron, Ohio, assignor to Motor Wheel Corporation, Lansing, Mich. Brake drum construction. 2,042,750; June 2.
- Van Halteren, Andrew S., assignor to Motor Wheel Corporation, Lansing, Mich. Wheel balancing device. 2,065,633; Dec. 29.
- Van Hamersveld, John J. N., Cleveland Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Stock feeding and gripping device. 2,035,354; Mar. 24.
- Van Heek, Theodore, Union City, N. J. Tension balancing device. 2,033,558; Mar. 10.
- Van Hollen, Hellen, Buffalo, N. Y. Detachable shoulder support for undergarments. 2,033,961; Mar. 17.
- Van Hoofstadt, Edward. (See Kempka, Friedrich, assignor.)
- Van Hook, Byron C., et al. (See Robinson, William A., assignor.)
- Vanhooser, Harry T., Muskogee, Okla. Loose leaf notebook kit. 2,048,980; July 28.
- Van Hooydonk, Adrian C., assignor to John E. Smith's Sons Company, Buffalo, N. Y. Food chopping machine. 2,043,216; June 2.
- Van Horn, James J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Signaling apparatus. 2,027,251; Jan. 7.
- Vanhorn, James J., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track switch controlling apparatus. 2,060,487; Nov. 10.
- Vanhorn, James J., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track switch controlling apparatus. 2,060,488; Nov. 10.
- Vanhorn, James J., assignor to The Union Switch & Signal Company, Swissvale, Pa. Controlling apparatus for highway crossing signals. 2,061,785; Nov. 24.
- Van Horn, Lee. (See Keith, P. C., Jr., Forrest, and Van Horn.)
- Van Hulst, Jan, Amsterdam, Netherlands, assignor to The Patent and Licensing Corporation, Boston, Mass. Solidifying soils. 2,051,505; Aug. 18.
- Vanity Fair Silk Mills. (See Burns, Charles R., assignor.)
- Vanity Fair Silk Mills. (See Snader, Howard B., assignor.)
- Van Kamerik, John N. Schenectady, N. Y., assignor to Schenectady Cast Stone Company. Apparatus for making building blocks. 2,034,164; Mar. 17.
- Van Laanen, Francis J., Jr., assignor to Green Bay Drop Forge Company, Green Bay, Wis. Brake actuating device. 2,041,385; May 19.
- Van Laanen, Francis J., Jr., assignor to Green Bay Drop Forge Company, Green Bay, Wis. Cable cutting device. 2,041,386; May 19.
- Van Lantschoot, August A., assignor to Iowa Malleable Iron Company, Fairfield, Iowa. Earth anchor construction. 2,059,502; Nov. 3.
- Van Law, Durbin, assignor, by mesne assignments, to Powderco Inc., Denver, Colo. Grinding mill. 2,031,289; Feb. 18.
- Van Law, Durbin, assignor to Powderco, Inc., Denver, Colo. Grinding mill. 2,046,711; July 7.
- Van Lear, Glenwood M. (See Boyle, W. E., and Van Lear.)
- Van Liempt, Johannes A. M., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Flash lamp. 2,037,101; Apr. 14.
- Van Loozen, Alfred G. (See Davis, H. C., Grabmeyer, and Van Loozen.)
- Van Marle, Dirk J., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Drying inorganic salts and sludges. 2,034,599; Mar. 17.
- Van Marter, Claude H. (See Ott, T. F., Clarke, and Van Marter.)
- Van Mierlo, Stanislas. (See Chereau, L. N., Deloraine, Guilbaud, Smets, and Van Mierlo.)
- Van Minnen, Rinze H., and P. J. H. A. Nordlohne, Eindhoven, Netherlands, assignors to Radio Corporation of America. Coupling arrangement for high frequency amplifiers. 2,034,848; Mar. 24.
- Vann, Claude R. (See Miller, W., Vann, and Smersal.)
- Vannah, Harold P. (See Richter, G. A., Vannah, and Murtrie.)
- Vannah, Harold P. (See Richter, G. A., Vannah, and Rasch.)
- Van Ness, Henry E., Elmira, N. Y. Dispensing container and closure therefor. 2,032,776; Mar. 3.
- Van Ness, Henry E., Elmira, N. Y. Dispensing container and closure therefor. 2,035,004; Mar. 24.
- Van Ness, Russell T. (See Pyle, Cyrus, 3d, and Van Ness.)
- Van Nieuwland, John, Holland, Mich. Turntable. 2,044,031; June 16.
- Van Norman Machine Tool Company. (See Scott, J. Y., and Stowell, assignors.)
- Van Norman Machine Tool Company. (See Stowell, Byron F., assignor.)
- Van Norman Machine Tool Company. (See Stowell, B. F., and Pyne, assignors.)
- Van Note, Eugene, Trenton, N. J. Lock. 2,053,805; Sept. 8.
- Van Note, Eugene, Kearny, N. J. Bolt assembly. 2,053,806; Sept. 8.
- Van Note, Eugene, Kearny, N. J., assignor of one-half to M. and J. Kasson, New York, N. Y. Concealed hinge. 2,039,130; Apr. 28.
- Van Nuys, Claude C., Cranford, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Separation and recovery of krypton and xenon from gaseous mixtures containing them. 2,040,112; May 12.
- Van Nuys, Claude C., Cranford, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Separation and recovery of krypton and xenon from gaseous mixtures containing them. 2,057,459; Oct. 13.
- Van Patten, Charles D. (See Eddy, G. G., and Van Patten.)
- Van Pelt, Charles H. C., trustee et al. (See Ducker, Louis F., assignor.)
- Van Pelt, Charles H. C., trustee et al. (See Ott, Robert W., assignor.)
- Van Pelt, Herbert C., assignor to F. H. Noble & Co., Chicago, Ill. Pin catch and connecting ring. 2,054,345; Sept. 15.
- Van Peski, Adrianus J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Manufacture of olefine oxides. 2,040,782; May 12.
- Van Peski, Adrianus J., Bussum, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Low pour point mineral oil composition. 2,053,853; Sept. 8.
- Van Peski, Adrianus J., Bussum, and W. C. Smithuysen, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Separation of one or more components from an aqueous mixture. 2,050,513; Aug. 11.
- Van Peski, Adrianus J., and S. L. Langedijk, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Manufacture of alcohols. 2,055,269; Sept. 22.
- Van Peski, Adrianus J., and S. L. Langedijk, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Manufacture of alcohols. 2,057,283; Oct. 13.
- Van Poelvoorde, Pieter J., The Hague, Netherlands. Stable gyroplane aircraft. 2,031,992; Feb. 25.
- Van Raalte Company. (See Carlson, Ellsworth E., assignor.)
- Van Raap, Alfred. (See Herrmann, Willy O., assignor.)
- Van Ranst, Cornelius W., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,027,329; Jan. 7.
- Van Ranst, Cornelius W., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,041,983; May 26.
- Van Ranst, Cornelius W., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,062,433; Dec. 1.
- Van Ranst, Cornelius W., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,065,773; Dec. 29.
- Van Riel, Pieter, assignor to Naamlooze Vennootschap Machinefabriek Reineveld, Delft, Netherlands. Horizontal centrifuge. 2,043,131; June 2.
- Van Riper, Charles K., Carmel, Calif. Ashtray. 2,038,814; Apr. 28.
- Van Roggen, Mathieu, Sprimont, and L. Robin, Brussels, Belgium. Press for dehydrating colloid material. 2,027,657; Jan. 14.
- Van Roggen, Mathieu, Sprimont, and L. Robin, Brussels, Belgium. Dehydrating colloid material. 2,052,909; Sept. 1.
- Van Rollegheem, Robert, Brussels, Belgium, assignor to "Compagnie Internationale de Produits Ignifuges et Calorifuges (C. I. P. I. C.)", Neilly-sur-Seine, France. Heat insulating and fireproof materials. 2,046,494; July 7.
- Van Roosen, Hugo, by judicial change of name. (See Van Rosen, Hugo.)
- Van Rosen, Hugo, now by judicial change of name Hugo Van Roosen, Newton Center, Mass. Cleaner. 2,058,371; Oct. 20.
- Van Rossem, Walter J. (See Boeger, H. F., and Van Rossem.)



- Van Royen, Herman J., Horde in Westfalia, Germany. Wheel rim. 2,028,029; Jan. 14.
- Van Ryan, Anthony. (See Hampton, W. O., and Van Ryan.)
- Van Sant, La Porte, Chicago, Ill. Remedial footwear. 2,064,507; Dec. 15.
- Van Schaack Bros. Chemical Works, Inc. (See Lacy, Kenneth B., assignor.)
- Van Sever, Walter M., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cabinet construction. 2,030,554; Feb. 11.
- Van Seggern, Ray F. (See Miller, William R., assignor.)
- Van Seggern, Ray F., New Brunswick, N. J. Heating unit for combustion chambers. 2,060,599; Nov. 10.
- Van Seggern, Ray F., Maplewood, N. J. Heating device. 2,060,648; Nov. 10.
- Van Seters, Arnold W., assignor to N. V. Stikstofbindings-industrie "Nederland", Dordrecht, Netherlands. Obtaining alkali cyanides. 2,035,030; Mar. 24.
- Van Sickle, Charles S., Creston, Wash. Soil disrupter. 2,053,504; Sept. 8.
- Van Sinderen, Henry B., Washington, Conn. Automobile body. 2,033,793; Mar. 10.
- Van Sittert, Paul, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Multiple-way valve. 2,054,346; Sept. 15.
- Van Slooten, Jacob, assignor to Radio Corporation of America, Eindhoven, Netherlands. Radio receiving system. 2,062,434; Dec. 1.
- Van Stone, Robert J., et al. (See Hill, Joseph M., assignor.)
- Van Swindregt, Hubertus H. M., and G. J. de Bruyn, The Hague, Netherlands. Cooling vessel for preserving food products and the like. 2,047,299; July 14.
- Vantassel, Harry C., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control apparatus. 2,053,928; Sept. 8.
- Van Thiel, Emile, Compiègne, France, assignor to Naamlooze Vennootschap Industriële Maatschappij Voorheen Noury and van der Lande, Deventer, Netherlands. Apparatus for the manufacture of yeast. 2,043,940; June 9.
- Van Tongeren, Hermannus, Heemstede, Netherlands. Dust collector. 2,039,692; May 5.
- Van Uum, John H., Lakewood, Ohio. Securing device for cables or the like. 2,065,843; Dec. 29.
- Van Uum, John H., Lakewood, S. Ronyak, Cleveland, and J. Hoffman, Painesville, assignors to J. H. Van Uum, Lakewood, Ohio. Making split tapered formed collars. 2,037,838; Apr. 21.
- Van Valkenburg, Hermon L., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. Automatic control system for electric motors. 2,028,259; Jan. 21.
- Van Valkenburg, Hermon L., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. System of motor control. 2,049,931; Aug. 4.
- Van Valkenburg, Hermon L., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. Time delay relay and control system employing the same. 2,050,232; Aug. 4.
- Van Vestraut, Geoffrey. (See Boughton, E. B., and Van Vestraut.)
- Van Vlaanderen Machine Company. (See Gut, Frederick, assignor.)
- Van Vliet, Cornelis J., assignor, by mesne assignments, to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands. Anticontact cap for X-ray tubes. 2,051,157; Aug. 18.
- Van Vliet, John, and P. J. Brogan, Chicago, Ill. Air conditioning apparatus. 2,046,802; July 7.
- Van Vlodrop, Cornelius. (See Oosterhof, D., van Vlodrop, and Waterman.)
- Van Voorhees, H. E., Windsor, Ontario, Canada, and E. G. Simpson, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Ventilating window for automobiles. 2,043,311; June 9.
- Van Voorhis, George S., Northampton, assignor to United Elastic Corporation, Easthampton, Mass. Making rubber thread. 2,052,151; Aug. 25.
- Van Voorhis, George S., Northampton, assignor to United Elastic Corporation, Easthampton, Mass. Making hosiery. 2,066,282; Dec. 29.
- Van Voorhis, William G., and C. F. Yocum, assignors to The Buckeye Traction Ditcher Company, Findlay, Ohio. Pipe line uncovering means. 2,052,372; Aug. 25.
- Van Voorhis, William G., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Auxiliary steering control for motor vehicles. 2,058,533; Oct. 27.
- Van Vorst, John, Schenectady, and G. M. Baker, Scotia, assignors, by mesne assignments, to Mohawk Asphalt Heater Company, Frankfort, N. Y. Vehicle for road building and repairing. 2,030,555; Feb. 11.
- Van Wert, Samuel N. (See Brown, C. C., Van Wert, and Arutunoff.)
- Van Wijk, Aart, Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge device. 2,046,980; July 7.
- Van Wijk, Willemus D. (See van Gessel, K. M., and van Wijk.)
- Van Winkle, Francis. (See Uffert, Walter B., assignor.)
- Van Wyk, Paul, Portland, Oreg., assignor to Food Machinery Corporation, San Jose, Calif. Fruit treating machine. 2,059,066; Oct. 27.
- Van Yahres, George, Westbury, N. Y. Turf tool. 2,028,483; Jan. 21.
- Vapor Car Heating Company. (See Gillick, L. H., and Russell, assignors.)
- Vapor Car Heating Company. (See Parks, Paul B., assignor.)
- Vapor Car Heating Company. (See Parks, P. B., and Miller, assignors.)
- Vapor Car Heating Company. (See Smith, W. M., and Miller, assignors.)
- Vapor Car Heating Company. (See Smith, W. M., Parks, and Russell, assignors.)
- Vapor Treating Processes, Inc. (See Lachman, Arthur, assignor.)
- Vapor Treating Processes, Inc. (See Rich, Paul C., assignor.)
- Varaud, André, Geneva, Switzerland. Timing mechanism for projectiles. 2,032,960; Mar. 3.
- Vardell, Lonnie L., assignor of one-fourth to J. H. Law, and one-fourth to J. B. Reasons, Puxico, Mo. Air cushion horse collar. 2,042,082; May 26.
- Varden, Patrick S., Albany, N. Y. Shingle. 2,031,993; Feb. 25.
- Varela, Raquel. (See De Panthou, E. V., and Varela.)
- Vargas, Manfredi P., Geona, Italy. Screw propeller. 2,046,538; July 7.
- Varian, Russell H., San Francisco, Calif., assignor to Farnsworth Television Incorporated. Fluorescent screen. 2,056,545; Oct. 6.
- Vari-Color Machine Co., The. (See Shickman, A. J., and Thum, assignors.)
- Variety Machine & Stamping Company. (See Kernspecht, Otto, assignor.)
- Varilux Holding Corporation. (See Linderman, Garrett B., Jr., assignor.)
- Varley, George P., and A. Clarke, assignors to Geo. Moulton Limited, Manchester, England. Producing designs upon very heavy rollers for color printing purposes. 2,041,501; May 19.
- Varni, Alfredo, Pallanza, Italy. Method of and apparatus for molding concrete. 2,029,004; Jan. 28.
- Vars, Ethan W. (See Boddy, E. H., and Vars.)
- Vars, Ethan W., Erie, Pa., assignor to General Electric Company. Gasket for refrigerator cabinets and the like. 2,029,845; Feb. 4.
- Vars, Ethan W., Erie, Pa., assignor to General Electric Company. Flux coated electrode and making the same. 2,046,981; July 7.
- Vaser, Edward M., assignor to E. K. Rahke, Indianapolis, Ind. Folded ticket. 2,054,309; Sept. 15.
- Vass, Joseph, Revere, assignor of one-fourth to J. Bear, Wakefield, and one-fourth to S. G. Sloane, Atlantic, Mass. Over-wind prevention device for spring motors. 2,060,268; Nov. 10.
- Vass, Michael G., Maywood, assignor to United States Gypsum Company, Chicago, Ill. Supporting device for wall panels. 2,048,981; July 28.
- Vass, Michael G., Maywood, assignor to United States Gypsum Company, Chicago, Ill. Arch construction. 2,064,704; Dec. 15.
- Vaughan, Aubrey W. (See Joralemon, A. M., and Vaughan.)
- Vaughan & Bushnell Mfg. Co. (See Vaughan, Howard A., assignor.)
- Vaughan, David A., Croton-on-Hudson, N. Y. Support for flashlights or the like. 2,052,120; Aug. 25.
- Vaughan, Howard A., Evanston, assignor to Vaughan & Bushnell Mfg. Co., Chicago, Ill. Ax. 2,053,882; Sept. 8.
- Vaughan, Joseph A. (See White, R. H., and Vaughan.)
- Vaughan, Leonce, Jr., Hartsville, S. C. Device for measuring stiffness of sheet. 2,044,411; June 16.
- Vaughan, William F., Knoxville, Tenn. Safety razor. 2,050,399; Aug. 11.
- Vaughen, John V. (See Lazier, W. A., and Vaughen.)
- Vaughn, Arthur L., Long Beach, Calif. Signal light. 2,055,712; Sept. 29.
- Vaughn, Harold G., Warren, Ohio, assignor, by mesne assignments, to Wilson & Bennett Manufacturing Company, Chicago, Ill. Open head drum. 2,031,290; Feb. 18.
- Vaughn, Irvin M., Elk City, Kans. Neck protector. 2,066,084; Dec. 29.
- Vaughn, Jesse A. (See Sjogren, O. W., Mitchell, Vaughn, and Skinn.)
- Vaughn, John L. (See Wilkinson, K. F., and Vaughn.)
- Vaughn, John L., Cicero, Ill., assignor, by mesne assignments, to The Rudolph Wurlitzer Manufacturing Company, North Tonawanda, N. Y. Automatic phonograph. 2,039,756; May 5.
- Vaughn, Sidney P., United States Navy, Ackerman, Miss. Helicopter. 2,030,078; Feb. 11.
- Vaughn, Sidney P., U. S. Navy, Ackerman, Miss. Helicopter. 2,037,745; Apr. 21.
- Vaughn, Sidney P., U. S. Navy, Ackerman, Miss. Thermostatic snap action valve. 2,044,822; June 23.
- Vaughn, Stanley I., and E. N. Fabing, Kenmore, N. Y., assignors to Curtiss Aeroplane & Motor Company, Inc. Riveting. 2,047,341; July 14.
- Vaughn, Thomas H., Niagara Falls, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Hydrolysis of the organic esters of inorganic acids. 2,058,844; Oct. 27.
- Vautier, Leon P. G., and René Fays, St.-Just-des-Marais, Oise, France, assignors to Comptoir des Textiles Artificiels. Preparing artificial sponges. 2,043,564; June 9.



- Vayro, Victor, Pittsburgh, Pa. Extension lamp bracket. 2,061,723; Nov. 24.
- Vayda, Louis L., Aspinwall, Pa., assignor to Bacharach Industrial Instrument Company. Process and apparatus for analyzing gases. 2,053,121; Sept. 1.
- Veal, Gentry. (See Olney, B., and Veal.)
- Veco Corporation. (See Venzie, Frederick M., assignor.)
- Vecsei, Nick. (See Vertes, Peter, assignor.)
- Vedder, Edwin H., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit for photoelectric controllers. 2,033,016; Mar. 3.
- Veeder, Curtis H., Hartford, Conn. Centrifugal pump. 2,039,131; Apr. 28.
- Veeder, Harold G., et al. (See Reynolds, William H., assignor.)
- Veeder-Root, Incorporated. (See Bliss, Harvey N., assignor.)
- Veeder-Root, Incorporated. (See Harvell, J. P., and Slye, assignors.)
- Veeder-Root Incorporated. (See Marsh, Walter D., assignor.)
- Veeder-Root Incorporated. (See Northrop, Frank E., assignor.)
- Veeder-Root Incorporated. (See Reher, Fredrick W.)
- Veeder-Root Incorporated. (See Slye, Edward A., assignor.)
- Veeder-Root Incorporated. (See Spaunburg, Harvey L., assignor.)
- Veenboer, Nicholas, Paterson, N. J. Christmas Tree decoration. 2,047,045; July 7.
- Veenschoten, Vincent V., Erie, Pa., assignor to Northern Equipment Company. Feed water regulator system. 2,057,172; Oct. 13.
- Vega Manufacturing Corporation. (See Robbin, Leon, assignor.)
- Vega Manufacturing Corporation. (See Ruben, Samuel, assignor.)
- Vegren, Conrad R., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,041,033; May 19.
- Vegren, Conrad R., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Door lock. 2,055,565; Sept. 29.
- Vegren, Conrad R., W. A. Beauchamp, and G. Madland, Chicago, Ill., assignors, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Shipping structure and door therefor. 2,035,207; Mar. 24.
- Veino, James G. (See Fisher, Elmer F., assignor.)
- Veldhuyzen, Romy, Eindhoven, Netherlands, assignor to Radio Corporation of America. Detector. 2,044,925; June 23.
- Veldown Company. (See Blosser, J. E., and Burke, assignors.)
- Vellner, Clarence I., Detroit, Mich. Display device. 2,054,275; Sept. 15.
- Velo, Anthony C., Lancaster, Pa., assignor to Vaco Products, Inc. Fuel feed controller and gear shift position indicator for automobiles. 2,060,705; Nov. 10.
- Veltung, Ernest, New York, N. Y. Linoleum tile or the like. 2,030,556; Feb. 11.
- Velut, René, Paris, France. Liquid cooling apparatus. 2,048,902; July 28.
- Venable, William M., assignor to Blaw-Knox Company, Pittsburgh, Pa. Radio antenna. 2,062,846; Dec. 1.
- Vendope, Van L., assignor to Economy Electric Ad Corporation, Fort Worth, Tex. Electric socket. 2,043,499; June 9.
- Venema, William, Cicero, Ill. Loader for vehicles. 2,056,495; Oct. 6.
- Vennerholm, Gosta. (See McCarroll, R. H., and Vennerholm.)
- Venning, Frank J., Cleveland Heights, and F. J. Yeip, Euclid, assignors to The Union Salt Company, Cleveland, Ohio. Dispensing receptacle. 2,029,747; Feb. 4.
- Venrick, Emmett E., assignor to American Asphalt Roof Corporation, Kansas City, Mo. Cutting roofing or like sheets. 2,055,738; Sept. 29.
- Venter, Charles E., Albany, N. Y. Closure. 2,052,504; Aug. 25.
- Ventre, Emil K., Washington, D. C., assignor to Henry A. Wallace, as Secretary of Agriculture of the United States of America. Treating sugar juices. 2,043,911; June 9.
- Ventures Limited. (See Alexander, Peter P., assignor.)
- Venturini, George, Carlstadt, N. J. Fabric drier. 2,038,457; Apr. 21.
- Venus Corporation. (See Schnaittacher, Herman, assignor.)
- Venzie, Edmond F., Philadelphia, Pa., assignor, by mesne assignments, to National Gypsum Company, Buffalo, N. Y. Building construction. 2,055,759; Sept. 29.
- Venzie, Frederick M., Philadelphia, Pa., assignor to Veco Corporation. Building construction. 2,040,578; May 12.
- Venzie, Frederick M., Philadelphia, Pa., assignor to National Gypsum Company, Buffalo, N. Y. Building construction. 2,048,236; July 21.
- Venzie, Frederick M., Philadelphia, Pa., assignor, by mesne assignments, to Veco Corporation. Building construction. 2,048,641; July 21.
- Venzie, Frederick M., Philadelphia, Pa., assignor to National Gypsum Company, Buffalo, N. Y. Interior partition wall. 2,048,642; July 21.
- Venzie, Frederick M., Philadelphia, Pa., assignor to National Gypsum Company, Buffalo, N. Y. Wall construction. 2,048,643; July 21.
- Venzie, Frederick M., Philadelphia, Pa., assignor to National Gypsum Company, Buffalo, N. Y. Isolating hanger. 2,051,778; Aug. 18.
- Venzie, Frederick M., Philadelphia, Pa., assignor to National Gypsum Company, Buffalo, N. Y. Door frame construction. 2,052,121; Aug. 25.
- Venzie, Frederick M., Philadelphia, Pa., assignor to National Gypsum Company, Buffalo, N. Y. Building construction. 2,058,372; Oct. 20.
- Venzie, Frederick M., Philadelphia, Pa., assignor to National Gypsum Company, Buffalo, N. Y. Ceiling construction. 2,064,996; Dec. 22.
- Veper, George. (See Liron, C., and Veper.)
- Verbeek, Arnold F., Oberlungwitz, Germany, assignor to Kalio, Inc., New York, N. Y. Machine for and making knitted fabric. 2,040,965; May 19.
- Verbeek, Arnold F., Oberlungwitz, Germany, assignor to Kalio, Inc., New York, N. Y. Attachment for flat knitting machines. 2,054,686; Sept. 15.
- Verburg, Cornelis. (See Uytterhoeven, W., Bruijnes, and Verburg.)
- Verburg, Cornelis. (See Uytterhoeven, W., Druyvesteyn, Verburg, and Blok.)
- Verburg, Cornelis. (See Uytterhoeven, W., Verburg, and Dorgelo.)
- Vercoe, Frank H., Toronto, Ontario, Canada. Elevating industrial truck. 2,050,821; Aug. 11.
- Verderber, Joseph, Cleveland, and E. F. Batterman, East Cleveland, Ohio. Surface plate device. 2,032,728; Mar. 3.
- Verderber, Joseph, Cleveland, and E. F. Batterman, East Cleveland, Ohio. Automatic machine. 2,041,309; May 19.
- Verdi Bros. Cooperage Company. (See Mullen, James C., assignor.)
- Vereinigte Deutsche Metallwerke A. G. (See von Forster, Hermann, assignor.)
- Vereinigte Kugellagerfabriken Aktiengesellschaft. (See Stahlecker, Wilhelm, assignor.)
- Vereinigte Kugellagerfabriken Aktiengesellschaft. (See Stahlecker, W., and Schmid, assignors.)
- Vereinigte Leichmetallwerke Gesellschaft mit beschränkter Haftung. (See Schulte, Josef, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Becker, Enno, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Buchholtz, Herbert, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Keulers, Jakob, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Köster, Werner, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Prielipp, Walter, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Scheil, Erich, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Schulz, H., and Carius, assignors.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Wallmann, C., Grossweische, and Kruse, assignors.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Winkler, Moritz, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Zander, Ernst, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Zimmermann, Hans, assignor.)
- Vereinigte Zünder-und Kabelwerke A.-G. (See Pfaff, Georg, assignor.)
- Ve Relle, William H., Philadelphia, Pa. Necktie. 2,045,679; June 30.
- Ve Relle, William H., Philadelphia, Pa. Necktie. 2,048,829; July 28.
- Vergini, Emilio. (See Orlandoni, C., and Vergini.)
- Verhoeff, Adrianus, assignor, by mesne assignments, to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray apparatus. 2,048,237; July 21.
- Verhoven, Kramer E., assignor to The Consolidated Paper Company, Monroe, Mich. Container. 2,065,482; Dec. 22.
- Verhoven, Kramer E., assignor to The Consolidated Paper Company, Monroe, Mich. Container. 2,065,483; Dec. 22.
- Verley, Albert, Inc. (See Verley, Guy, assignor.)
- Verley, Guy, assignor to A. Verley, Inc., Chicago, Ill. Fruit beverage and preparing the same. 2,059,828; Nov. 3.
- Vermont Container Corporation. (See Blair, Hollis W., assignor.)
- Vernam, Gilbert S., River Edge, N. J., assignor to American Telephone and Telegraph Company. Printing telegraph exchange system. 2,035,577; Mar. 31.
- Verner, Jules, Linden, N. J., assignor to Standard Oil Development Company. Insulated self buoyant floating roof for tanks. 2,026,762; Jan. 7.
- Verner, Jules, Linden, N. J., assignor to Standard Oil Development Company. Portable foam column. 2,055,640; Sept. 29.
- Vernet, Sergius, Brooklyn, N. Y., assignor to Foster-Vernay Corporation, Pittsburgh, Pa. Car heater. 2,028,260; Jan. 21.
- Vernet, Sergius, Brooklyn, N. Y., assignor to Foster-Vernay Corporation, Pittsburgh, Pa. Automatic control for vapor heating systems. 2,028,261; Jan. 21.



- Vernet, Sergius, Brooklyn, assignor to Foster Vernay Corporation, New York, N. Y. Circulation of heating mediums in vapor heating systems for automotive vehicles. 2,040,159; May 12.
- Vernet, Sergius, Brooklyn, assignor to Foster Vernay Corporation, New York, N. Y. Vapor heater for automotive vehicles. 2,040,160; May 12.
- Verone, Michael, Tacoma, Wash. Ladder hoist for shingles, etc. 2,054,551; Sept. 15.
- Verschelden, Alphonso T., St. Mary's, Kans. Wire stretcher. 2,039,693; May 5.
- Verschuur, Charles A., Ann Arbor, Mich. Photographic camera. 2,052,261; Aug. 25.
- Vertes, Peter, assignor of one-half to N. Vecsei, North Tarrytown, N. Y. Pliers. 2,063,532; Dec. 8.
- Vertuno, Louis A., Oak Park, Ill. Pneumatic appliance. 2,031,870; Feb. 25.
- Verwys, Andrew J., Oswego, N. Y. Adapter for valve bags. 2,031,915; Feb. 25.
- Verwys, Andrew J., Oswego, N. Y. Adapter for valve bags. 2,034,217; Mar. 17.
- Vessey, Elton W., Pasadena, Calif. Apparatus for harvesting and packaging lettuce and the like. 2,045,149; June 23.
- Vesta Consolidated Incorporated. (See Haupt, Henry H., assignor.)
- Vestalite Corporation. (See Richards, Donald A., assignor.)
- Vesterdal, Hans G. (See Fulton, S. C., and Vesterdal.)
- Vesterdal, Hans G., Elizabeth, N. J., assignor to Standard Oil Development Company. Refining fatty acids. 2,038,617; Apr. 28.
- Vesterdal, Hans G., and E. W. Carlson, Elizabeth, N. J., assignors to Standard Oil Development Company. Purification and separation of sulphonates. 2,035,106; Mar. 24.
- Vetorino, Frank, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Welding machine. 2,039,857; May 5.
- Vetorino, Frank, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Spot welding apparatus. 2,039,858; May 5.
- Vetorino, Frank, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Spot welding apparatus. 2,041,984; May 26.
- Vetrano, Leon J., Houston, Tex. Valve mechanism. 2,039,465; May 5.
- Vetrosky, Joseph, Bethlehem, Pa. Kitchen utensil. 2,052,505; Aug. 25.
- Vetter, Joseph J., Hackensack, assignor to Natural Products Refining Co., Jersey City, N. J. Producing chromic acid. 2,034,256; Mar. 17.
- Veysey, Vernon V., and H. R. Andersen, Neenah, Wis. Interchangeable electric light fixture hanger and socket. 2,031,914; Feb. 25.
- Viall, William G., Bloomfield, N. J., and H. A. Rankow, Bronx, N. Y. Shaving instrument. 2,036,557; Apr. 7.
- Vibbard, Edward L., St. Albans, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,030,415; Feb. 11.
- Vibbard, Edward L., St. Albans, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,030,416; Feb. 11.
- Viber Company. (See Jorgensen, Enoch B., assignor.)
- Viberg, Sven G., assignor to N. Hammarstrom, and G. A. Sundberg, Gothenburg, Sweden. Continuously variable change speed mechanism. 2,062,241; Nov. 24.
- Vibra-Lite Limited. (See Armstrong, H., and Dunton, assignors.)
- Viceroy Manufacturing Company Limited. (See Clayton, Lewis J., assignor.)
- Vickers-Armstrongs Limited. (See Larsson, C. A., and Higson, assignors.)
- Vickers (Aviation) Limited. (See Wallis, Barnes N., assignor.)
- Vickers, Charles D. (See McDonough, A. A., Vickers, and Schaumburg.)
- Vickers, Harry F., Detroit, Mich. Machine tool feed. 2,028,850; Jan. 28.
- Vickers, Harry F., Detroit, Mich. Hydraulic steering gear. 2,030,902; Feb. 18.
- Vickers, Harry F., Detroit, Mich. Liquid relief valve. 2,043,453; June 9.
- Vickers, Harry F., Washington, D. C. Cartridge plug. 2,045,004; June 23.
- Vickers, Richard N., Smackover, Ark. Deep well pump. 2,048,085; July 21.
- Vickery, Marion D., Peru, Ind. Ornamental lawn sprinkler. 2,046,225; June 30.
- Victor Adding Machine Company. (See Garbell, Max, assignor.)
- Victor, Alexander F., New York, N. Y. Transmission mechanism and automatic throw-off for motion picture apparatus. 2,058,193; Oct. 20.
- Victor, Benjamin J. (See Victor, John H. and B. J., and Heinze.)
- Victor, Benjamin J., Oak Park, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Gasket with integral molded flange. 2,026,854; Jan. 7.
- Victor Casket Hardware Company. (See Pahlow, G. C., and Junkunc, assignors.)
- Victor Chemical Works. (See Adler Howard, assignor.)
- Victor Chemical Works. (See Gottlieb, Hans B., assignor.)
- Victor Chemical Works. (See Janota, Joseph, Jr., assignor.)
- Victor Chemical Works. (See Knox, William H., Jr., assignor.)
- Victor Chemical Works. (See Knox, W. H., Jr., and Cochran, assignors.)
- Victor Chemical Works. (See Kramer, Leroy A., assignor.)
- Victor Chemical Works. (See McDonald, Guy A., assignor.)
- Victor Chemical Works. (See Zinn, Robert E., assignor.)
- Victor Electric Products, Inc. (See Spear, Walter A., assignor.)
- Victor, John H., Evanston, and W. A. Heinze, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Reenforce for gaskets. 2,027,847; Jan. 14.
- Victor, John H., Wilmette, B. J. Victor, Oak Park, and W. A. Heinze, Chicago, Ill., assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Saturated asbestos sheet for gaskets and packing. 2,040,348; May 12.
- Victor, John H., Evanston, and W. A. Heinze, Chicago, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Grease retainer. 2,055,917; Sept. 29.
- Victor, John H., Evanston, and W. A. Heinze, Chicago, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Reenforced grease retainer. 2,055,918; Sept. 29.
- Victor, Joseph N., Allentown, Pa. Combination sash and screen latch. 2,029,452; Feb. 4.
- Victor, Joseph N., Allentown, Pa. Device for securing articles of hardware to wooden members. 2,029,453; Feb. 4.
- Victor, Julius, Detroit, Mich. Window scaffold. 2,033,497; Mar. 10.
- Victor Lubricator Company. (See House, Lloyd A., assignor.)
- Victor Manufacturing & Gasket Company. (See Heinze, William A., assignor.)
- Victor Manufacturing & Gasket Company. (See Victor, Benjamin J., assignor.)
- Victor Manufacturing & Gasket Company. (See Victor, John H. and B. J., and Heinze, assignors.)
- Victor Manufacturing & Gasket Company. (See Victor, J. H., and Heinze, assignors.)
- Victor Metal Products Corporation. (See Temple, George W., assignor.)
- Victor Ring Traveler Company. (See McLeod, James McD., assignor.)
- Victori, August T., Pawtucket, R. I., assignor to Artcraft Venetian Blind Company, Hazleton, Pa. Venetian blind. 2,031,804; Feb. 25.
- Victoria, Frank E., Upland, Calif. Pulp and liquid pump. 2,042,641; June 2.
- Victorius, Pauline J., New York, N. Y. Lady's garment. 2,046,350; July 7.
- Vida, Alex. (See MacDonald, M. L., and Vida.)
- Vidall, Carlo, San Francisco, Calif. Bung for casks. 2,036,512; Apr. 7.
- Viebahn, William W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Flasher circuits. 2,027,253; Jan. 7.
- Vienneau, Jacob J. (See Granfield, J. C., and Vienneau.)
- Vierengel, M., Machine Co. Inc. (See Vierengel, Matthew, assignor.)
- Vierengel, Matthew, assignor to M. Vierengel Machine Co. Inc., Brooklyn, N. Y. Enveloping machine. 2,064,997; Dec. 22.
- Vierling, Lester L., Oradell, N. J., assignor to American Colortype Company, New York, N. Y. Calendar. 2,041,097; May 19.
- Vierling, Oskar, Berlin, Germany, assignor to Miessner Inventions, Inc. Electricity-controlled musical instrument. 2,027,073; Jan. 7.
- Vierow, Emil A., Pittsburgh, Pa. Operating regenerative furnaces. 2,049,477; Aug. 4.
- Vierow, Emil A., Pittsburgh, Pa. Regenerative furnace. 2,049,478; Aug. 4.
- Vieth, Leonard, Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phonograph reproducer. 2,055,187; Sept. 22.
- Vietor, Frederick A., Great Neck, N. Y. Piano keyboard. 2,031,748; Feb. 25.
- Vietzen, Elmer R., Oak Park, Ill. Cable splice connector. 2,058,929; Oct. 27.
- Vigliano, Joseph, New York, N. Y. Cloth drilling machine. 2,030,280; Feb. 11.
- Vigne, Albert, Webster Groves, assignor to National Bearing Metals Corporation, St. Louis, Mo. Electric current collector. 2,031,081; Feb. 18.
- Viken, Antonius J., Manhasset, N. Y. Film holder and hanger. 2,028,262; Jan. 21.
- Viking Pump Company. (See Petersen, Peter C., assignor.)
- Viking Refrigerators, Inc. (See Stultz, Ernest L., assignor.)
- Viking Tool and Machine Corporation. (See Gabrielson, Christian, assignor.)
- Villa, Julio I., and W. B. MacEwan, Dundee, Scotland, assignors to The Weaving Machines Company, Limited, London, England. Circular loom. 2,035,208; Mar. 24.
- Villalobos, Julio, Buenos Aires, Argentina. Blind. 2,030,234; Feb. 11.



- Villard, Virgil V., and W. Villard, Massillon, Ohio, said W. Villard assignor to said V. V. Villard. Pincers. 2,055,270; Sept. 22.
- Villard, William. (See Villard, Virgil V. and W.)
- Villars, Donald S., Nutley, N. J., assignor to Standard Oil Company (Indiana), Chicago, Ill. Conversion of hydrocarbons. 2,053,211; Sept. 1.
- Villaume, Louis A., et al. (See Olsen, Edward, assignor.)
- Villem, Raymond. (See Chireix, H., and Villem.)
- Villem, Raymond, and R. Aubert, Paris, France, assignors to Compagnie Generale de Telegraphic Sans Fil. Radio-electric transmitter and receiver system with changeable wave-length range. 2,034,012; Mar. 17.
- Villers, Alex, Weston, W. Va. Method and means for flowing wells. 2,053,981; Sept. 8.
- Villiers, Edward C., Bishop's Stortford, England. Course recorder. 2,052,910; Sept. 1.
- Villiger, Josef. (See Zoller, E., and Villiger.)
- Vilter Manufacturing Company, The. (See Taylor, William H., assignor.)
- Viloco Railway Equipment Company. (See Ploen, Curtis W., assignor.)
- Vin, René J. E. C., assignor to P. Callon, Paris, France. Refrigerating machine. 2,051,321; Aug. 18.
- Vinal, Charles A., South Weymouth, assignor to J. H. Emerson, Cambridge, Mass. Variable pressure therapeutic apparatus. 2,060,706; Nov. 10.
- Vinatzner, Ernst, et al. (See Ryba, Anton, assignor.)
- Vincennes Packing Corporation. (See Gilliatt, Ollie, assignor.)
- Vincent, Carmen. (See Rice, Charles M., assignor.)
- Vincent, Charles H., Utica, assignor to Packard Motor Car Company, Detroit, Mich. Door locking means. 2,028,852; Jan. 28.
- Vincent, Charles H., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle antenna. 2,055,830; Sept. 29.
- Vincent, Daniel B., Jacksonville, Fla. Drier. 2,026,922; Jan. 7.
- Vincent, Edward T., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,031,871; Feb. 25.
- Vincent, Edward T., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,043,080; June 2.
- Vincent, Edward T., assignor to Continental Motors Corporation, Detroit, Mich. Fuel pumping system for engines. 2,053,543; Sept. 8.
- Vincent, Edwin E., Springfield, Mass. Power transmission apparatus. 2,031,749; Feb. 25.
- Vincent, Eugene. (See Borsakovsky, Voldemar, assignor.)
- Vincent, George P., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of calcium chlorite. 2,031,681; Feb. 25.
- Vincent, George P., Niagara Falls, N. Y., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of chlorine dioxide. 2,036,375; Apr. 7.
- Vincent, Howell S., Brookline, Mass. Dishwasher. 2,060,144; Nov. 10.
- Vincent, Howell S., Brookline, Mass. Apparatus for cooking. 2,060,434; Nov. 10.
- Vincent, Howell S., Sutton, N. H. Device for the conservation and treatment of foods and beverages, and utensils therefor. 2,060,435; Nov. 10.
- Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,027,940; Jan. 14.
- Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,031,395; Feb. 18.
- Vincent, Jesse G., Grosse Pointe Park, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,053,854; Sept. 8.
- Vincent, Jesse G., Grosse Pointe, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,056,750; Oct. 6.
- Vincent, Joseph, Pittsburgh, Pa. Scooter. 2,051,762; Aug. 18.
- Vincent, Thomas C., Jr., New Canaan, Conn., assignor to The Fred'k Page Contracting Co., New York, N. Y. Gas washer. 2,031,437; Feb. 18.
- Vincent, William J., assignor to Rochester Telephone Corporation, Rochester, N. Y. Telephone pay station apparatus. 2,028,851; Jan. 28.
- Vincente, Francisco, Habana, Cuba. Shoe sole. 2,031,196; Feb. 18.
- Vincenzoni, Alvaro, Rome, Italy. Speed transmission mechanism. 2,028,577; Jan. 21.
- Vincke, Enrique, Palamos, Spain. Production of threads of india-rubber, gutta percha, or the like. 2,064,508; Dec. 15.
- Vines, Raymond F. (See Wise, E. M., and Vines.)
- Vingerhoets, Antonius, W., assignor, by mesne assignments, to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands. Circuit arrangement for electrical time control. 2,061,011; Nov. 17.
- Vining, Carl F., Sacramento, Calif. Milk pasteurizing assembly. 2,035,732; Mar. 31.
- Vining, De Quincey, Manchester, Ga. Device for handling and airing mattresses or like bulky articles. 2,050,906; Aug. 11.
- Vinten, William C., London, England. Fade-out shutter mechanism for cinematograph cameras. 2,040,579; May 12.
- Vinyard, Truitt H., Poplar Bluff, Mo. Garment. 2,033,266; Mar. 10.
- Viozzi, Joseph, assignor to Vitz Skate Hone Company, Hamilton, Ontario, Canada. Blade sharpening device for ice skates. 2,042,916; June 2.
- Vipond, Benjamin L., Kensington, Md. Muffler. 2,037,102; Apr. 14.
- Virginia Art Goods Studios, Inc., The. (See Dalsheim, Maurice J., assignor.)
- Viscolos, Louis, assignor to U. S. Bobbin & Shuttle Company, Providence, R. I. Bobbin grip assembly for loom shuttles. 2,033,498; Mar. 10.
- Visco Meter Corporation. (See Eckstein, George R., assignor.)
- Viscose Company, The. (See Collins, B. W., Kennedy and Allen, assignors.)
- Viscose Company, The. (See Collins, Benjamin W., assignor.)
- Viscose Company, The. (See Converse, L. S., and Kennedy, assignors.)
- Viscose Company, The. (See Davidson, Hobart O., assignor.)
- Viscose Company, The. (See Long, Frederick F., assignor.)
- Viscose Company, The. (See Webber, James A., assignor.)
- Visible Night-and-Day Street-Name Signs, Incorporated. (See Hollister, William C., assignor.)
- Visking Corporation. (See Goodman, Leo A., assignor.)
- Visking Corporation, The. (See Hewitt, Alfred G., assignor.)
- Visking Corporation, The. (See Schenk, Bernard H., assignor.)
- Visking Corporation, The. (See Voss, J., and Schnecko, assignors.)
- Visman, Jean. (See Horowitz, A., and Visman.)
- Visomatic Systems, Inc. (See Jenkins, J. E., and Adair, assignors.)
- Vissac, Gustave A., Blairmore, Alberta, Canada. Coal washing machine. 2,055,161; Sept. 22.
- Vissac, Gustave A., Blairmore, Alberta, Canada. Air cleaner and classifier for fine coals. 2,063,533; Dec. 8.
- Visscher, John S., Bridgeport, Conn., assignor to General Electric Company. Ironing machine. 2,037,549; Apr. 14.
- Visscher, John S., Bridgeport, Conn., assignor to General Electric Company. Ironing machine. 2,037,550; Apr. 14.
- Visscher, John S., Bridgeport, Conn., assignor to General Electric Company. Ironing press. 2,037,551; Apr. 14.
- Visser, Johan M., Nijmegen, Netherlands. Preparing dry powder from emulsions and solutions. 2,044,194; June 16.
- Visser, John, Grand Rapids, assignor, by mesne assignments, to F. L. Jacobs Company, Detroit, Mich. Ash receiver. 2,058,845; Oct. 27.
- Visser, Leonard. (See Hallquist, E. G., and Visser.)
- Visser't Hooft, Franciscus, assignor to Lucidol Corporation, Buffalo, N. Y. Treatment of commercial dicalcium phosphate. 2,029,967; Feb. 4.
- Visser't Hooft, Franciscus, assignor to Lucidol Corporation, Buffalo, N. Y. Auto-oxidation and polymerization catalyst. 2,032,554; Mar. 3.
- Vissing, Royal A., Magna, Utah, assignor to Neosign Corporation, New York, N. Y. Luminous tube sign. 2,046,044; June 30.
- Vito, Vicente. (See Di-Guangco, P., and Vito.)
- Vitroux, Marcel, Troyes, France. Holding handle for re-looping tools. 2,048,903; July 28.
- Vittengl, Morgan J. (See Richardson, E. C., and Vittengl.)
- Vittum, Paul W. (See Crabtree, J. I., and Vittum.)
- Vitz Skate Hone Company. (See Viotzi, Joseph, assignor.)
- Vivari, Joseph A. (See Sexton, J. R., and Vivari.)
- Vivaudou, Jean E., and H. G. Lubin, New York, N. Y. Perfumed ornament. 2,058,274; Oct. 20.
- Vivian, Robert E., assignor to General Chemical Company, New York, N. Y. Manufacture of phosphoric acid. 2,035,850; Mar. 31.
- Vizard, William C., assignor, by mesne assignments, to Barbour Welting Company, Brockton, Mass. Welting and shoemaking therewith. 2,039,370; May 5.
- Vizard, William C., assignor to Barbour Welting Company, Brockton, Mass. Ring welt and making. 2,062,339; Dec. 1.
- Vizcaino, Luis O., Guadalajara, Mexico. Carton edge protector and tie retainer device. 2,037,609; Apr. 14.
- Vliet, Elmer B. (See Volwiler, E. H., and Vliet.)
- Vobach, Arnold C., Whiting, and L. P. Foster, East Chicago, Ind., assignors to Sinclair Refining Company, New York, N. Y. Refining. 2,053,752; Sept. 8.
- Vocalsevro Company, The. (See Severy, Melvin L., assignor.)
- Vochoska, Thomas. (See Gardner, T. J., and Vochoska.)
- Voegeli-Jaggi, Philippe, Brienz, assignor to firm Diamant-schleiferei Vögeli & Wirz A.-G., Biel, Switzerland. Grinding tool for extremely hard alloys. 2,051,558; Aug. 18.
- Voepel, Ralph E., St. Louis County, Mo. Combined mail box, bell, number and name plate. 2,053,588; Sept. 8.
- Voetter, Walter. (See Erdmann, H. M., and Voetter.)
- Vogel, Abe, et al. (See Fischer, Carl, assignor.)
- Vogel, Benjamin M. (See Arnold, Franc, assignor.)
- Vogel Freuder Corp. (See Freuder, Leo, assignor.)
- Vogel, Max, Frankfort-on-the-Main, Germany. Stapling device. 2,033,599; Mar. 10.



- Vogel, Wilhelm, Cologne-Mulheim, Germany, assignor, by mesne assignments, to Protona A. G., Basel, Switzerland. Underground electric power transmission by electric cables. 2,054,046; Sept. 8.
- Vogel, William G., assignor to Michigan Bumper Corporation, Grand Rapids, Mich. Ash receptacle. 2,048,363; July 21.
- Vogel, William M., Bloomfield, N. J. Spraying device. 2,054,106; Sept. 15.
- Vogel, William M., Bloomfield, N. J. Can closure and making the same. 2,060,145; Nov. 10.
- Vogel, William M., Glen Ridge, N. J. Method and apparatus for manufacturing bottle caps. 2,064,770; Dec. 15.
- Vogel-Jorgensen, Mikael, Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Conveying pulverulent material. 2,032,337; Feb. 25.
- Vogel-Jorgensen, Mikael, Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Automatic weighing machine. 2,055,131; Sept. 22.
- Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Rotary kiln. 2,066,291; Dec. 29.
- Voges, Herman W., Springfield, Mass. Lock. 2,049,983; Aug. 4.
- Vogl, Albert L., et al. (See Low, Albert H., assignor.)
- Vogt, Charles H., assignor to Modern Food Process Company, Philadelphia, Pa. Making a food product. 2,037,355; Apr. 14.
- Vogt, Charles H., assignor to Modern Food Process Company, Philadelphia, Pa. Sausage making process. 2,043,132; June 2.
- Vogt, Clarence, Wenonah, N. J. Scooter. 2,027,254; Jan. 7.
- Vogt, Clarence C. (See Wenrich, C. N., Paschke, and Vogt.)
- Vogt, Clarence W., assignor to Vogt Processes, Incorporated, Louisville, Ky. Refrigerating apparatus. 2,027,256; Jan. 7.
- Vogt, Clarence W., assignor to Vogt Processes, Incorporated, Louisville, Ky. Cutter for bars of ice cream or the like. 2,027,257; Jan. 7.
- Vogt, Clarence W., assignor, by mesne assignments, to Vogt Processes, Incorporated, Louisville, Ky. Favor-carrying ice cream cone. 2,030,126; Feb. 11.
- Vogt, Clarence W., assignor, by mesne assignments, to Vogt Processes, Incorporated, Louisville, Ky. Apparatus for injecting fruit and nuts into ice cream. 2,032,961; Mar. 3.
- Vogt, Clarence W., assignor to Vogt Processes, Incorporated, Louisville, Ky. Apparatus for refrigerating articles in transit. 2,044,032; June 16.
- Vogt, Clarence W., Greenwich, Conn., assignor to Vogt Processes, Incorporated, Louisville, Ky. Fruit and nut feeding mechanism. 2,032,962; Mar. 3.
- Vogt, Clarence W., assignor to Vogt Processes, Incorporated, Greenwich, Conn. Forming and filling of spirally wound tubes. 2,051,922; Aug. 25.
- Vogt, Clarence W., assignor to Vogt Processes, Incorporated, Greenwich, Conn. Package. 2,051,923; Aug. 25.
- Vogt, Clarence W., assignor, by mesne assignments, to Vogt Processes, Incorporated, Louisville, Ky. Bar cutter. 2,058,046; Oct. 20.
- Vogt, Clarence W., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Frozen comestible package. 2,062,278; Nov. 24.
- Vogt, Clarence W., Greenwich, Conn., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Packaged comestible. 2,062,279; Nov. 24.
- Vogt, Clarence W., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Comestible package. 2,062,539; Dec. 1.
- Vogt, Clarence W., Greenwich, Conn., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Packaging apparatus and method. 2,062,540; Dec. 1.
- Vogt, Clarence W., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Method and apparatus for processing material. 2,063,066; Dec. 8.
- Vogt, Clarence W., Louisville, Ky., and P. Phelps, Pleasantville, N. Y., assignors, by mesne assignments, to Vogt Processes, Incorporated, Louisville, Ky. Apparatus and method for continuous solidification and subdivision of ice cream and analogous products. 2,027,255; Jan. 7.
- Vogt, Clarence W., and W. E. Snyder, assignors, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Apparatus for processing material. 2,063,065; Dec. 8.
- Vogt, Egon. (See Hunsdiecker, H., and Vogt.)
- Vogt, Hans, Berlin-Dahlem, Germany. Thermic treatment of small particles. 2,038,251; Apr. 21.
- Vogt, Hans, Berlin-Dahlem, Germany, assignor to Ferrocart Corporation of America, New York, N. Y. High frequency coil. 2,064,771; Dec. 15.
- Vogt, Hans, Berlin-Dahlem, Germany, assignor to Ferrocart Corporation of America, New York, N. Y. High-frequency coil with adjustable inductance value. 2,064,772; Dec. 15.
- Vogt, Hans, Berlin-Lichterfelde, Germany, assignor to Ferrocart Corporation of America, New York, N. Y. Making magnetic cores. 2,064,773; Dec. 15.
- Vogt, Henry, Machine Co. (See Haunz, Charles F., assignor.)
- Vogt, Henry, Machine Co. (See Jackson, Percy, assignor.)
- Vogt, Henry, Machine Company. (See Sack, Melvin, assignor.)
- Vogt Processes, Incorporated. (See Bendfelt, Herbert A., assignor.)
- Vogt Processes, Inc. (See Herron, Albert E., assignor.)
- Vogt Processes, Incorporated. (See Lakso, Eino E., assignor.)
- Vogt Processes, Inc. (See Routh, Almond C., assignor.)
- Vogt Processes, Incorporated. (See Vogt, Clarence W., assignor.)
- Vogt Processes, Incorporated. (See Vogt, C. W., and Phelps, assignors.)
- Vogt, Robert F., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Reinforcement. 2,056,129; Sept. 29.
- Vogt, William H., assignor to Taylor Instrument Companies, Rochester, N. Y. Regulator. 2,061,118; Nov. 17.
- Vogue Mfg. Co. (See Hollar, John V., assignor.)
- Voices, Incorporated. (See Wilhelm, John H., assignor.)
- Voight, August L., Lakewood, Ohio. Traffic marker. 2,031,396; Feb. 18.
- Voight, August L., Lakewood, Ohio. Beer cooler. 2,031,397; Feb. 18.
- Voight, Henry G., assignor to Sargent & Company, New Haven, Conn. Exit doorlock. 2,029,901; Feb. 4.
- Voight, Henry G., assignor to Sargent & Company, New Haven, Conn. Knob with demountable core lock. 2,062,487; Dec. 1.
- Voight, Ottomar, Dusseldorf, assignor of one-half to "Blitz-Filter" G. m. b. H., Berlin, Germany. Coffee filter. 2,061,119; Nov. 17.
- Voight, Richard. (See Kaltenbach, A., and Voigt.)
- Voightlander & Sohn Aktiengesellschaft. (See Barényi, Arpad, assignor.)
- Voigt, Max T., assignor to American Safety Table Company, Reading, Pa. Multiple drive transmission unit. 2,037,643; Apr. 14.
- Voigt, Max T., assignor to American Safety Table Company, Reading, Pa. Individual drive transmission unit. 2,037,644; Apr. 14.
- Voigt, Paul A., Glendale, assignor to Johns-Manville Corporation, New York, N. Y. Wall assembly. 2,057,654; Oct. 13.
- Voigt, Paul A., Ozone Park, and H. L. Rogers, Larchmont, assignors to Johns-Manville Corporation, New York, N. Y. Machine for inserting a compressed strip into a joint. 2,045,256; June 23.
- Voigt, Richard. (See Kaltenbach, A., and Voigt.)
- Voightlander & Sohn Aktiengesellschaft. (See Barényi, Arpad, assignor.)
- Voightlander & Sohn Aktiengesellschaft. (See Forstmann, Walter, assignor.)
- Voightlander, Walter. (See Ensinger, M. G., and Voightlander.)
- Voit, Oscar B., and A. Vanacore, New Haven, Conn. Fastener for shoe laces or the like. 2,049,932; Aug. 4.
- Voith, J. M. (See Fuchs, Carl, assignor.)
- Voith, J. M. (See Seibold, Ernest, assignor.)
- Vokes, Cecil G. (See Blanchard, Joseph, assignor.)
- Vokes, Cecil G., Putney, London, England. Filter. 2,057,219; Oct. 13.
- Voland, John A., et al. (See Gannestad, Thor, assignor.)
- Volck, William H., Watsonville, assignor to California Spray-Chemical Corporation, Berkeley, Calif. Producing mineral oils of high saturation. 2,047,755; July 14.
- Volck, William H., Watsonville, assignor to California Spray-Chemical Corporation, Berkeley, Calif. Insecticidal spray compositions. 2,056,238; Oct. 6.
- Volet, René A. L., assignor to Blemer (S. A. R. L.), Paris, France. Device for controlling variable and adjustable condensers. 2,046,803; July 7.
- Volets et Portes Equilibres Société Anonyme. (See Aubert, Roger, assignor.)
- Volk, Hans. (See Boedecker, F., and Volk.)
- Volk, Joseph A., St. Louis, Mo. Pick-up box carrying assembly. 2,052,506; Aug. 25.
- Volkman, Joseph H., et al. (See Dolan, J., and Granata, assignors.)
- Vollans, Frederick W., Orillia, assignor to F. F. Barber, Toronto, Ontario, Canada. Carbon copier. 2,064,328; Dec. 15.
- Vollenbroich, Theodor. (See Bochmann, O., and Vollenbroich.)
- Vollman, Joseph, San Francisco, Calif. Air compressing device. 2,027,076; Jan. 7.
- Vollmann, Eduard, Wuppertal-Barmen, Germany. Tobacco pipe. 2,061,786; Nov. 24.
- Vollmann, Heinrich. (See Corell, M., and Vollmann, assignors.)
- Vollmann, Heinrich, Frankfort-on-the-Main-Hochst, and H. Becker, Hofheim (Taunus), Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dye-stuffs of the pyrene series and preparing them. 2,063,568; Dec. 8.
- Vollmer, Earl C., Rock Island, Ill., assignor to Micro-Westco, Inc., Bettendorf, Iowa. Slicing machine. 2,062,847; Dec. 1.
- Vollmer, Wallace P., Wilton, Conn. Finger protector. 2,039,505; May 5.
- Volpicelli, Vito L., Scranton, Pa. Aeroplane. 2,054,610; Sept. 15.
- Volpin, Alexander S., Houston, Tex., assignor to Servel, Inc., New York, N. Y. Automatic refrigerator defroster. 2,064,396; Dec. 15.



- Voltmann, Henry J. N., Brooklyn, assignor to W. S. Rockwell Company, New York, N. Y. Method of coloring and hardening steel. 2,032,963; Mar. 3.
- Volwiler, Ernest H., Highland Park, and E. B. Vliet, Pine Bluff, assignors to Abbott Laboratories, North Chicago, Ill. Mercury compounds of benzotrifluoride. 2,050,075; Aug. 4.
- Vomag-Betriebs-A. G. (See Walther, Fritz, assignor.)
- Von Arco, Georg, and F. Schröter, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electric music transmission. 2,065,774; Dec. 29.
- Von Ardenne, Manfred. (See Loewe, S., and von Ardenne.)
- Von Ardenne, Manfred, Berlin, assignor to Radioaktiengesellschaft D. S. Lowe, Berlin-Steglitz, Germany. Braun tube. 2,039,132; Apr. 28.
- Von Ardenne, Manfred, Berlin, assignor to Radioaktiengesellschaft D. S. Lowe, Berlin-Steglitz, Germany. Superheterodyne receiver for ultrashort waves. 2,044,374; June 16.
- Von Ardenne, Manfred, Berlin, assignor to Radio-Aktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Arrangement for transmission of ultra-short waves. 2,047,531; July 14.
- Von Ardenne, Manfred, Berlin, assignor to Radio-Aktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Ultra-short wave auxiliary apparatus. 2,047,532; July 14.
- Von Ardenne, Manfred, Berlin, assignor to Radio-Aktiengesellschaft, D. S. Loewe, Berlin-Steglitz, Germany. Television method. 2,047,533; July 14.
- Von Berg, George E. (See Navis, P. C., Moran, Von Berg, and Garankin.)
- Von Bichowsky, Foord, Cleveland, Ohio, assignor to Krebs Pigment and Color Corporation, Wilmington, Del. Purifying titanium sub-oxide materials. 2,031,750; Feb. 25.
- Von Bosse, Julius, Ehrenberg, Bolitz, and K. Richter, Leipzig, Germany, assignors to La Dispersion Cathodique, Brussels, Belgium. Forming thin metallic films by cathode disintegration. 2,028,853; Jan. 28.
- Von Bramer, Harold, and A. C. Ruggles, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Making quinone. 2,043,912; June 9.
- Von Brandt, Henry, New York, N. Y. High concentration agar agar gel and combinations thereof. 2,042,917; June 2.
- Von der Heyde, Otto, Meadville, Pa., assignor to Hookless Fastener Company. Separable interlocking fastener. 2,050,869; Aug. 11.
- Von der Lahr, Karl, Dusseldorf, Germany. Open hearth furnace. 2,046,279; June 30.
- Vonder Lippen, Gerda. (See von der Lippen, Paul, assignor.)
- Von der Lippen, Paul, Ohligs, Germany, assignor to Gerda von der Lippen, Highland Park, Ill. Sharpener for the blades of edged tools. 2,030,161; Feb. 11.
- Von Forster, Hermann, Niederursel, near Frankfurt-on-the-Main, assignor to Vereinigte Deutsche Metallwerke A. G., Einsal, near Altena, Germany. Internally insulated and waterproofed structure. 2,030,417; Feb. 11.
- Von Forster, Hermann, Niederursel, near Frankfurt-on-the-Main, assignor to Vereinigte Deutsche Metallwerke Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Material for and method of covering objects. 2,047,655; July 14.
- Von Forster, Hermann, and F. Künstel, Frankfurt-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Producing copper having high electrical conductivity and being free from oxygen. 2,031,518; Feb. 18.
- Von Fraunhofer, Hans, assignor to Omnichrome Corporation, New York, N. Y. Photographic film of the monopack type adapted for color photography. 2,030,903; Feb. 18.
- Von Fraunhofer, Hans, assignor to Omnichrome Corporation, New York, N. Y. Photographic film of the monopack type adapted for color photography. 2,030,904; Feb. 18.
- Von Groeling, Albrecht, Los Angeles, assignor to S. L. Roberts, Oakland, Calif. Producing antiknock fluid. 2,058,194; Oct. 20.
- Von Hagel, Gert J., Akron, Iowa. Battery connector. 2,034,843; Mar. 24.
- Von Hazslinszky, Ladislaus, and G. von Lukács, assignors of one-third to J. Lang, Budapest, Hungary. Device for automatically controlling the toothed wheel change gear of motor vehicles. 2,062,488; Dec. 1.
- Von Heising, Kurt, Mill Hill, assignor to Stille Inventions Limited, London, England. Speaking head. 2,044,033; June 16.
- Von Henke, Edmund J., assignor to American Electric Fusion Corporation, Chicago, Ill. Coupling. 2,029,846; Feb. 4.
- Von Henke, Edmund J., assignor to American Electric Fusion Corporation, Chicago, Ill. Welding machine. 2,031,082; Feb. 18.
- Von Hilvet, George C. S., Buenos Aires, Argentina. Carburetor. 2,034,163; Mar. 17.
- Von Hofe, Christian. (See Ach, L., and von Hofe.)
- Von Hofe, George W. (See Fleischer, P. W., and von Hofe.)
- Von Hofe, George W., Bound Brook, and P. W. Fleischer, Weehawken, assignors to New Jersey Machine Corporation, Hoboken, N. J. Cup making machine. 2,066,130; Dec. 29.
- Von Holtz, Charles T., assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn. Receptacle for attachment plug caps. 2,030,079; Feb. 11.
- Von Holtz, Charles T., assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn. Receptacle for attachment plug caps. 2,040,113; May 12.
- Von Hoorn, Fred G., Bridgeport, Conn., assignor to General Electric Company. Circuit breaker. 2,065,356; Dec. 22.
- Von Hoorn, Fred G., Bridgeport, Conn., assignor to General Electric Company. Circuit breaker. 2,065,357; Dec. 22.
- Von Issendorff, Jürgen Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Grid-controlled electric vacuum discharge apparatus. 2,030,127; Feb. 11.
- Von Kilian, Albert, Frankfurt-on-the-Main, Germany. One-button switch. 2,042,369; May 26.
- Von Koch, Friedrich, assignor to the firm Pfenning-Schumacher-Werke G. m. b. H., Wuppertal-Barmen, Germany. Production of casein powder adapted to be molded directly. 2,051,779; Aug. 18.
- Von Koczian, Gustav, Berlin, Germany. Adjustable fastener. 2,035,031; Mar. 24.
- Von Kujawa, Gerhard. (See Wilmanns, G., and von Kujawa.)
- Von Latscher-Latka, Eric. (See Aigner, Hans, assignor.)
- Von Littrow, Hans, Chemnitz, and F. H. Zehl, Wiesbaden-Biebrich-on-the-Rhine, Germany. Power-driven window cleaner. 2,043,637; June 9.
- Von Lukács, Georg. (See von Hazslinszky, L., and von Lukács.)
- Von Mandelsloh, Otto A. G., Dresden, assignor to the firm Chemische Fabrik Florsheim vorm. Dr. H. Noerdlinger Aktiengesellschaft, Florsheim-on-the-Main, Germany. Colloidal graphite suspensions. 2,045,501; June 23.
- Von Mattekovich, Rudolf, Rosalie, near Brisbane, Queensland, Australia. Furnace. 2,042,642; June 2.
- Von Mattekovich, Rudolf, Rosalie, near Brisbane, Queensland, Australia. Furnace. 2,042,643; June 2.
- Von Mihály, Dénes, Berlin-Wilmersdorf, Germany. Slit forming device for recording or reproducing photographic sound records. 2,063,277; Dec. 8.
- Von Mihaly, Dénes, Berlin-Wilmersdorf, Germany. Apparatus for reproducing sound from an endless band of photographic film. 2,065,954; Dec. 29.
- Von Okolicsanyi, Franz, Nuremberg, Germany. Television receiver. 2,063,643; Dec. 8.
- Von Pein, Edward J., Dayton, Ohio, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Scale. 2,027,077; Jan. 7.
- Von Pein, Edward J., Dayton, assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Scale. 2,054,184; Sept. 15.
- Von Pein, Edward J., Endicott, and W. N. Gilbert, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Scale. 2,045,974; June 30.
- Von Pein, Edward J., Endicott, N. Y., assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Scale. 2,063,712; Dec. 8.
- Von Pezachowicz. (See Scheyer, S. (born von Pezachowicz) and Arcarl.)
- Von Platen, Baltzar C. (See Alm, Johan E., assignor.)
- Von Reis, Lambert, Herzogenrath, Germany, assignor, by mesne assignments, to The American Bicherox Company. Manufacture of glass sheests. 2,048,830; July 28.
- Von Rosenberg, Guido. (See Elstert, B., Krzikalla and von Rosenberg.)
- Von Rosenberg, Hilton O., Hallettsville, Tex., assignor to Parke, Davis & Company, Detroit, Mich. Mouth spreader. 2,041,034; May 19.
- Von Sauer, Walter, Berlin, Germany. Electric heating installation. 2,046,008; June 30.
- Vonschott, William, Flushing, N. Y. Safety razor. 2,027,213; Jan. 7.
- Von Schroeder, Albrecht, Denver, Colo. Hanger for handbags and the like. 2,064,133; Dec. 15.
- Von Schütz, Friedrich, Berlin, Germany, assignor to N. V. Machinerie-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Multiplying gear. 2,037,356; Apr. 14.
- Von Segebaden, Ernst, Drottingholm, and G. Orström, Alsten, assignors to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Weighing mechanism. 2,038,458; Apr. 21.
- Von Skrbensky, Gerhard, Zeuthen, Germany, assignor to Sprout Limited, London, England. Raising plants from seed. 2,051,460; Aug. 18.
- Von Till, Louis A., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Molded cap. 2,039,757; May 5.
- Von Till, Louis A., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Applicator cap and making the same. 2,056,751; Oct. 6.
- Von Till, Louis A., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Friction cap and package. 2,064,042; Dec. 15.
- Von un zu Guttenberg, Friedrich H. (See Henrich, W., and von un zu Guttenberg.)
- Von Voigtlander, Frederick, assignor to Schwarze Electric Company, Adrian, Mich. Diaphragm horn. 2,039,694; May 5.



- Von Voigtlander, Frederick, assignor to Schwarz Electric Company, Adrian, Mich. Sound signaling. 2,060,911; Nov. 17.
- Von Wangenheim, Adolf, assignor to Detroit Lubricator Company, Detroit, Mich. Pumping means. 2,048,982; July 28.
- Von Webern, Guido, Dayton, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Apparatus for cleaning rolls. 2,027,407; Jan. 14.
- Von Webern, Guido, Dayton, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Method and apparatus for decorating uneven surfaces. 2,033,162; Mar. 10.
- Von Webern, Guido, Dayton, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Method of and apparatus for decorating articles of manufacture having elongated surfaces. 2,047,718; July 14.
- Von Webern, Guido, Dayton, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Surface decorating method and apparatus. 2,065,545; Dec. 29.
- Von Wedel, Carl J. R. H., West Orange, N. J. Transmitting system. 2,063,278; Dec. 8.
- Von Weinberg, Arthur, Frankfort-on-the-Main, H. Rein, Bad Hamburg vor der Höhe, and O. Eisenhut, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Making wool-like artificial fibers. 2,063,209; Dec. 8.
- Von Werther, Freiherr W., Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Cable system. 2,037,552; Apr. 14.
- Voorhees, Daniel W., Jr., Peru, Ill. Wagon bolster. 2,048,149; July 21.
- Voorhees, Daniel W., Jr., Peru, Ill. Wheel machine. 2,053,883; Sept. 8.
- Voorhees, Daniel W., Jr., Peru, Ill. Wagon bolster. 2,057,863; Oct. 20.
- Voorhees, Vanderveer. (See Rogers, T. H., and Voorhees.)
- Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Wax sweating. 2,045,425; June 23.
- Voorhees, Vanderveer, Hammond, Ind. Filing cabinet. 2,060,146; Nov. 10.
- Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Seismic surveying. 2,064,451; Dec. 15.
- Voorhels, Joseph T. (See Shinn, A. R., and Voorhels.)
- Voorhels, Joseph T., Los Angeles, Calif. Nonclog atomized oil burner. 2,063,713; Dec. 8.
- Voorhies, Carl, Buffalo, N. Y., assignor, by mesne assignments, to Wilcox Rich Corporation, Detroit, Mich. Valve tappet. 2,051,232; Aug. 18.
- Voortmann, Walter, Dortmund, Germany. Mine blasting and similar operations. 2,040,581; May 12.
- Voosen, Herman J. (See Voosen, Walter H., and H. J.)
- Voosen, Walter H. and H. J., Hollis, N. Y. Periodical holder. 2,062,242; Nov. 24.
- Vorce, John E. (See Adams, O. P., Phillips, and Vorce.)
- Vorech, Stephen, assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Valve. 2,040,580; May 12.
- Vorech, Stephen, and S. Johnson, Jr., assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake mechanism. 2,041,884; May 26.
- Vorech, Stephen, and W. A. Eaton, assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Relay valve. 2,049,984; Aug. 4.
- Vorech, Stephen, assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Steering mechanism. 2,061,120; Nov. 17.
- Vorkauf, Heinrich, assignor to Herpen und Vorkauf, Ingenieure, Berlin, Germany. Rotary heat exchanger. 2,037,490; Apr. 14.
- Vortex Cup Company. (See Barbieri, Cesare, assignor.)
- Vortex Cup Company. (See Bares, Rudolph, assignor.)
- Vortex Cup Company. (See Krein, Frederick T., assignor.)
- Vortex Cup Company. (See Wood, Andrew C., assignor.)
- Vorwerk, Arthur, Leighton, Pa. Bag opener. 2,038,916; Apr. 28.
- Vos, Mauritz, and F. R. V. Stålemark, assignors to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Electrical network. 2,039,202; Apr. 28.
- Vosburgh, J. Voorhees, assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Display stand. 2,049,279; July 28.
- Vose, Lewis S., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle changing loom. 2,029,801; Feb. 4.
- Vose, Lewis S., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread controller for shuttle changing looms. 2,048,086; July 21.
- Vose, Lewis S., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft detector system for shifting box ends of looms. 2,054,185; Sept. 15.
- Vose, Richard S., Ridley Park, Pa., assignor to Sun Oil Company, Philadelphia, Pa. Producing lubricating oil. 2,055,210; Sept. 22.
- Vosper, Waynard R., assignor to The Toledo Pipe Threading Machine Company, Toledo, Ohio. Thread cutting tool. 2,035,285; Mar. 24.
- Vosper, William W., assignor to The Toledo Pipe Threading Machine Company, Toledo, Ohio. Threading and facing tool. 2,029,847; Feb. 4.
- Voss, Arthur, and E. Dickhäuser, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Artificial resins and making them. 2,047,398; July 14.
- Voss, Arthur, Frankfort-on-the-Main, and E. Dickhäuser, Gersthofen, near Augsburg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Artificial masses. 2,041,502; May 19.
- Voss, Günther, Stuttgart, Germany. Cable crane. 2,035,107; Mar. 24.
- Voss, Johann H. H., White Plains, N. Y. Ring plate valve. 2,035,776; Mar. 31.
- Voss, John H., Downers Grove, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,040,636; May 12.
- Voss, John H., Downers Grove, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,056,752; Oct. 6.
- Voss, John H., Downers Grove, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,057,864; Oct. 20.
- Voss, John H., Downers Grove, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Intercommunicating system. 2,064,186; Dec. 15.
- Voss, Joseph A., Denver, Colo. Machine for compressing cotton wads. 2,058,275; Oct. 20.
- Voss, Julius and O. Schnecko, Wiesbaden-Biebrich, Germany, assignors to The Visking Corporation. Extrusion apparatus. 2,043,455; June 9.
- Voss, Walter K., Davenport, Iowa. Washing machine. 2,042,242; May 26.
- Voss, Walter K., Davenport, Iowa. Safety mechanism for wringers and the like. 2,049,479; Aug. 4.
- Voss, Walter K., Davenport, Iowa. Driving mechanism for laundry machines. 2,053,054; Sept. 1.
- Voss, Walter K., Davenport, Iowa. Wringer. 2,060,147; Nov. 10.
- Voss, Walter K., Davenport, Iowa. Wringer. 2,060,148; Nov. 10.
- Votaw, Verling M. (See Colth, H. S., and Votaw.)
- Votaw, Verling M., and H. S. Colth, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Baked goods and making same. 2,061,121; Nov. 17.
- Votteler, Frederick, assignor to Armstrong Cork Company, Lancaster, Pa. Making tubes and apparatus therefor. 2,046,139; June 30.
- Vredenburg, Julius C. (See Higginson, George S., assignor.)
- Vroom, Guysbert B., Washington, D. C. Meter. 2,032,383; Mar. 3.
- Vroom, Guysbert B., New York, N. Y. Packing movable members. 2,036,308; Apr. 7.
- Vroom, Robert C., Bloomfield, and E. G. Peterson, Glen Ridge, N. J., assignors to Peabody Engineering Corporation, New York, N. Y. Wide range mechanical atomizer. 2,037,645; Apr. 14.
- Vrooman, Edward C., Schenectady, N. Y., assignor to Locke Insulator Corporation, Baltimore, Md. Flux distributing insulator. 2,056,813; Oct. 6.
- Vryens, Norbert, Brussels, Belgium. Fished rail joint. 2,033,660; Mar. 10.
- Vuagnat, Pierre E., Paris, France. Automatic flushing apparatus for water closets and like purposes. 2,055,271; Sept. 22.
- Vuccino, Albert A., New York, N. Y. Ash tray. 2,028,304; Jan. 21.
- Vuccino, Albert A., New York, N. Y. Ash tray. 2,032,964; Mar. 3.
- Vulcan Alloy Corporation. (See de Golyer, Anthony G., assignor.)
- Vulcan Copper & Supply Co. (See Wentworth, Theodore O., assignor.)
- Vulcan Copper & Supply Co., The. (See Wentworth, T. O., and Baechle, assignors.)
- Vulcan Corporation. (See Clausing, George, assignor.)
- Vulcan Corporation. (See Myers, Tyra L., assignor.)
- Vulcan Corporation. (See Sosa, Augustus M., assignor.)
- Vulcan Detinning Company, The. (See Buttfeld, A. C., and Muller, assignors.)
- Vulcan Detinning Company, The. (See Buttfeld, William J., assignor.)
- Vulcan Proofing Company. (See Lewis, R. R., and Weiss, assignors.)
- Vulcan Soot Blower Corporation. (See Arey, F. C., and Hibner, assignor.)
- W-K-M Company. (See Laurent, Milton P., assignor.)
- Waage, Gilbert, Chicago, Ill. Electric switch mechanisms. 2,054,147; Sept. 15.
- Waalkes, Gerrit, Highland Park, Mich., assignor to Anchor Steel & Engineering Co. Conveyor system. 2,057,173; Oct. 13.
- Wabash Screen Door Company, The. (See Klaiber, Edward C., assignor.)
- Waber, James W., Chicago, Ill. Punctureproof tube and making same. 2,033,962; Mar. 17.
- Wabi Iron Works, Limited, The. (See McKay-Clements, John L. C., assignor.)
- Wace Development Corporation. (See Ice, James N., assignor.)
- Wachman, Jacob, Brooklyn, N. Y. Attachment for knitting machines. 2,039,133; Apr. 28.
- Wachman, Jacob, Brooklyn, N. Y. Tension device for knitting machines. 2,049,755; Aug. 4.
- Wachman, Jacob, Brooklyn, N. Y. End detector for knitting machines. 2,056,307; Oct. 6.



- Wachsman, Michael, Brooklyn, N. Y. Circuit closer for knitting machines. 2,036,243; Apr. 7.
- Wachstein, Jacob. (See Weiland, J. F., and Wachstein.)
- Wachtel, Elmer M. (See O'Neil, C. S., and Wachtel.)
- Wachter, Frank C. (See Keefer, C. E., and Wachter.)
- Wachter, Lester. (See Anthony, W. C., and Wachter.)
- Wacker, Dr. Alexander, Gesellschaft für Elektrochemische Industrie. (See Halbig, P., and Kaufer, assignors.)
- Wacker, Dr. Alexander, Gesellschaft für Elektrochemische Industrie. (See Kaufer, F., and Schmitz, assignors.)
- Wacker, Dr. Alexander, Gesellschaft für Elektrochemische Industrie G. m. b. H. (See Halbig, P., and Kaufer, assignor.)
- Wacker, Dr. Alexander, Gesellschaft für Elektrochemische Industrie, G. m. b. H. (See Wolff, Georg, assignor.)
- Wacker, Frederick G., trustee. (See Moller, J. A., and Wacker, assignors.)
- Wackman, Louis B., St. Louis, Mo. Removable head for metal containers and sealing means therefor. 2,055,243; Sept. 22.
- Wadd, Roy J., assignor to Harnischfeger Corporation, Milwaukee, Wis. Hoist. 2,053,055; Sept. 1.
- Waddell, James, Metuchen, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing antirachitic substances. 2,028,364; Jan. 21.
- Waddell, James, Metuchen, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing antirachitic substances. 2,056,992; Oct. 13.
- Waddell, Rosabel et al. (See O'Gorden, Garry M., assignor.)
- Waddick, Arthur, Peosta, Iowa. Seed holding and distributing device. 2,061,955; Nov. 24.
- Wade, Charles T., Cassopolis, Mich., assignor to The Electric Sprayit Company, South Bend, Ind. Meat broiler. 2,047,046; July 7.
- Wade, Clarence B., Malad City, Idaho. Pump. 2,037,607; Apr. 14.
- Wade, George E., Independence, Mo. Miniature cannon. 2,046,663; July 7.
- Wade, Henry H., Hopkins, Minn. Apparatus for concentrating ores. 2,052,431; Aug. 25.
- Wade, Henry N., assignor to Parkhill-Wade, Incorporated, Los Angeles, Calif. Hose valve and coupling for volatile liquids. 2,061,012; Nov. 17.
- Wade, Henry N., assignor to Parkhill-Wade, Incorporated, Los Angeles, Calif. Apparatus for dispensing highly volatile liquids. 2,061,013; Nov. 17.
- Wade, Henry N., Los Angeles, Calif., assignor to Parkhill-Wade, Incorporated. Apparatus for dispensing highly volatile liquids. 2,061,014; Nov. 17.
- Wade, John B., Los Angeles, assignor of one-half to H. J. McKenzie, San Marino, Calif. Proportionate feeding device. 2,045,502; June 23.
- Wade, Marion E., assignor to Moth King Corporation, Chicago, Ill. Destroying moth life. 2,041,219; May 19.
- Wade, Walter W., Kansas City, Mo. Game. 2,049,280; July 28.
- Wadel, Felix B., Tyler, Tex. Electrical adding machine. 2,061,745; Nov. 24.
- Wadge, Thomas. (See Keegan, J., and Wadge.)
- Wadhams, Frederick E., assignor to Lincoln Schlueter Floor Machinery Co., Inc., Chicago, Ill. Floor surfacing machine. 2,047,158; July 7.
- Wadhams Oil Company. (See Miller, Charles E., assignor.)
- Wadman, Harold A., Bloomfield, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for cooling hollow glass articles. 2,066,283; Dec. 29.
- Wadsted, Bengt, Copenhagen, Denmark, and M. Larsson, Berlin, Germany. Producing phosphates. 2,036,244; Apr. 7.
- Wadsten, Sten, Bloomfield, N. J., assignor to Westinghouse Lamp Company. Machine for making coiled coils. 2,056,028; Sept. 29.
- Wadsworth, Clair W., assignor to Hunter Arms Co., Inc., Fulton, N. Y. Gun. 2,055,020; Sept. 22.
- Wadsworth Electric Manufacturing Company, The. (See Coy, Joseph A., assignor.)
- Wadsworth, Frank L. O. (See Angell, R. C., and Wadsworth.)
- Wadsworth, Frank L. O. (See Sanford, R. S., and Wadsworth.)
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Glass feeder. 2,048,983; July 28.
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Glass feeder. 2,049,786; Aug. 4.
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Glass feeder. 2,049,787; Aug. 4.
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Glass feeder. 2,049,788; Aug. 4.
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,060,912; Nov. 17.
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Feeder for thermoplastic material. 2,062,622; Dec. 1.
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Rotary turret shear mechanism. 2,062,623; Dec. 1.
- Wadsworth, Lewis L., Winchester, Mass. Protective pipe coupling. 2,053,807; Sept. 8.
- Wadsworth, Paul W. (See Taylor, Edmund R. and C. C., and Wadsworth.)
- Waechtler, Kurt O., and H. M. Suess, Berlin, N. J., assignors to Textile Machine Works, Wyomissing, Pa. Yieldable safety lock. 2,030,037; Feb. 4.
- Waechtler, Kurt O., and H. M. Suess, Berlin, N. J. Locking device for full fashioned knitting machine. 2,049,031; July 28.
- Waechtler, Kurt O., and H. M. Suess, Philadelphia, assignors to Textile Machine Works, Wyomissing, Pa. Shock absorber for straight knitting machines. 2,059,667; Nov. 3.
- Waeschle, Anton, assignor to General Motors Corporation, Detroit, Mich. Portable welder. 2,053,452; Sept. 8.
- Waffenfabrik Solothurn A. G. (See Kehne, Karl, assignor.)
- Wagenbach, Anton, Wuppertal-Elberfeld, Germany. Bending machine. 2,056,083; Sept. 29.
- Wagenfeld, Harry, assignor to H. Frezel, Philadelphia, Pa. Preformed necktie. 2,052,522; Aug. 25.
- Wagenhals, Edward R., West Orange, N. J., assignor to Radio Corporation of America. Thermionic cathode heater and making it. 2,043,720; June 9.
- Wagenhorst, James H., Detroit, Mich. Arc lamp. 2,059,668; Nov. 3.
- Wagenseil, William, New York, N. Y. Abdominal support. 2,048,087; July 21.
- Wagenseller, Paul W., Chicago, Ill. Folding carton. 2,037,839; Apr. 21.
- Waggaman, William H. (See Kerschbaum, F. P., Wagman, and Gooch.)
- Wagner, Adolf, Mussbach, assignor to Süddeutsche Metallwaren - Fabrik Kommandit - Gesellschaft, Mussbach (Rheinpfalz), Germany. Portable lemon slice squeezer for table use. 2,037,553; Apr. 14.
- Wagner, Albert G., Reading, Ohio, assignor of one-third to J. G. Kyle and one-third to F. C. Rosche, Reading, Pa. Method and apparatus for fabricating metallic structure. 2,040,349; May 12.
- Wagner, Cary R., assignor to The Pure Oil Company, Chicago, Ill. Polymerization of unsaturated hydrocarbons. 2,028,886; Jan. 28.
- Wagner, Charles, Loretto, Minn. Trap for animals and fowls. 2,038,068; Apr. 21.
- Wagner, Charles L., Boonton, N. J., assignor, by mesne assignments, to The Babcock & Wilcox Company, New York, N. Y. Recovery of heat and chemicals from waste products. 2,050,400; Aug. 11.
- Wagner, Charley L. (See Abrams, A., and Wagner.)
- Wagner, Charley L. (See Abrams, A., Wagner, and Forcey.)
- Wagner, Edmond M. (See Coberly, C. J., and Wagner.)
- Wagner, Edward W., St. Louis, Mo. Protective mask. 2,056,753; Oct. 6.
- Wagner Electric Corporation. (See Baker, Paul W., assignor.)
- Wagner Electric Corporation. (See Brunner, Albert, assignor.)
- Wagner Electric Corporation. (See Cox, John C., assignor.)
- Wagner Electric Corporation. (See Dick, Burns, assignor.)
- Wagner Electric Corporation. (See Freeman, Walter R., assignor.)
- Wagner Electric Corporation. (See Gunderman, Lester S., assignor.)
- Wagner Electric Corporation. (See Johnson, Edward D., assignor.)
- Wagner Electric Corporation. (See Keath, Howard B., assignor.)
- Wagner Electric Corporation. (See Schnell, Steve, assignor.)
- Wagner Electric Corporation. (See Wulfert, Otto, assignor.)
- Wagner, Erwin, Chicago, Ill. Illuminating device. 2,048,040; July 21.
- Wagner, Frederick C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resin. 2,035,578; Mar. 31.
- Wagner, Frederick H., assignor to The Bartlett Hayward Company, Baltimore, Md. Dust collector. 2,045,503; June 23.
- Wagner, Frederick P. (See Brauer, A. J., and Wagner.)
- Wagner, Frederick P., assignor of one-half to A. J. Brauer, St. Louis, Mo. Shoe with expansible opening. 2,061,746; Nov. 24.
- Wagner, Georg, Nuremberg, Germany. Protective coating for pencil cores. 2,062,074; Nov. 24.
- Wagner, Harry, Newark, N. J. Arch supporting wedge. 2,044,233; June 16.
- Wagner, Henry, Chicago, Ill. Backwater valve to be used on sewers, drains, and the like. 2,048,088; July 21.
- Wagner, Herbert M., Newark, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Tuning indicator tube. 2,051,189; Aug. 18.
- Wagner, John A., St. Petersburg, Fla., assignor to G. M. Leghorn, Winchester, Mass. Method and apparatus for producing containers. 2,038,618; Apr. 28.
- Wagner, Joseph N., Chicago, Ill. Golf practice device. 2,034,684; Mar. 17.
- Wagner, Karl F., Stuttgart, Germany, assignor, by mesne assignments, to Magnesium Development Corporation, Newark, N. J. Automatic control mechanism. 2,029,349; Feb. 4.



- Wagner, Karl F., Stuttgart, Germany, assignor, by mesne assignments, to Magnesium Development Corporation, Newark, N. J. Control mechanism for presses. 2,063,644; Dec. 8.
- Wagner, Luise, Chicago, Ill. Joining means. 2,047,810; July 14.
- Wagner, Max, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Vehicle suspension. 2,030,557; Feb. 11.
- Wagner, Max, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Power driven vehicle. 2,035,032; Mar. 24.
- Wagner, Max, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Motor vehicle. 2,038,326; Apr. 21.
- Wagner, Max, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Springing arrangement for the wheels of vehicles. 2,039,670; May 5.
- Wagner, Max, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Wheel axle suspension. 2,039,671; May 5.
- Wagner, Max, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Springing arrangement for power-driven vehicles. 2,045,210; June 23.
- Wagner, Noah E., Tulsa, Okla., assignor to The Linde Air Products Company. Method and apparatus for cutting metals. 2,028,425; Jan. 21.
- Wagner, Ralph W., Chicago, Ill., assignor to Associated Electric Laboratories, Inc. Switch bank. 2,057,865; Oct. 20.
- Wagner, Walter C., Oneida, assignor of fifty-one per cent to L. E. Johnson, Canastota, J. K. Johnson, Oneida, and B. Shaver, Cazenovia, N. Y. Concealed door hinge. 2,036,513; Apr. 7.
- Wagner, Walter C., Ardmore, and F. Strattner, Manoa, Pa. Testing or proving gas or fluid meters. 2,039,506; May 5.
- Wagner, Walter C., Ardmore, Pa., and G. B. Schleicher, Clementon, N. J. Antitampering meter. 2,052,733; Sept. 1.
- Wagoner, Arthur F., Excelsior Springs, Mo. Table top extension clamp. 2,031,398; Feb. 18.
- Wagoner, Ford, St. Francisville, Ill. Cut-off and fluid distributing valve coupling. 2,058,276; Oct. 20.
- Wagoner, Martin A., Sheridan County, Kans. Straw saving device for combines. 2,037,491; Apr. 14.
- Wagstaff, Howard F. (See Brownsdon, H. W., Gee, and Wagstaff.)
- Wagstaff, Richard A., Salt Lake City, Utah, assignor to American Smelting and Refining Company, New York, N. Y. Disappearing feeder. 2,037,554; Apr. 14.
- Wahl Clipper Corporation. (See Wahl, Leo J., assignor.)
- Wahl, John, Rosedale, assignor to A. Schrader's Son, Incorporated, New York, N. Y. Pressure gauge. 2,056,754; Oct. 6.
- Wahl, John C., Chicago, Ill., assignor to The Aldine Corporation. Pencil. 2,039,466; May 5.
- Wahl, John H., Sacramento and P. H. Doe, Oakland, Calif. Roof structure and material. 2,043,271; June 9.
- Wahl, Karl, Berlin, Germany, assignor to the firm Sifco A. G. Schaffhausen, Switzerland. Film-copying apparatus. 2,033,499; Mar. 10.
- Wahl, Leo J., assignor to Wahl Clipper Corporation, Sterling, Ill. Vibrator device. 2,054,590; Sept. 15.
- Wahl, Ottmar, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Methine dyestuffs derived from p-amino-benzaldehyde compounds. 2,043,081; June 2.
- Wahl, Ottmar, Leverkusen-I. G. Werk, E. Teupel, Leverkusen-Wiesdorf, and K. Schmidt, Cologne-Mulheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the triarylmethane series. 2,039,571; May 5.
- Wahlbeck, John H. (See Prosser, T. W., and Wahlbeck.)
- Wahlberg, Alfred G. (See Christofferson, C., and Wahlberg.)
- Wahlberg, Nels E., Kenosha, Wis., assignor to Oakes Products Corporation, North Chicago, Ill. Brake lever. 2,049,144; July 28.
- Wahlberg, Nils A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current connecting device. 2,050,401; Aug. 11.
- Wahlert, Frederick, assignor to Pulmosan Safety Equipment Corporation, Brooklyn, N. Y. Respirator. 2,065,775; Dec. 29.
- Wahlforss, Eric, Cleveland, Ohio, and L. A. Goldblatt, Erie, Pa., assignor to The Glidden Company, Cleveland, Ohio. Making aromatic ketone and acid. 2,054,107; Sept. 15.
- Wahlin, Eric W., Magna, Utah. Scoring device. 2,031,291; Feb. 18.
- Wahlin, Fritz. (See Bramsen, S., Wahlin, and Gustafsson.)
- Wahlmark, Gunnar A., assignor of one-half to C. H. Rystrom, Rockford, Ill. Fuel injection pump. 2,031,346; Feb. 18.
- Wahlquist, Albin B., assignor to The Heyer Corporation, Chicago, Ill. Feeding device. 2,062,952; Dec. 1.
- Wahlstrom, Charles G., Brooklyn, and W. Nielsen, Hollis, N. Y. Level. 2,057,404; Oct. 13.
- Wainman, Frank H., Brooklyn, and J. Hamberger, New York, N. Y., assignor of thirty-five per cent to C. J. Hauk, Jr., thirty per cent to said Wainman, and thirty-five per cent to said Hamberger. Thermostatic fire alarm. 2,044,651; June 16.
- Wainwright, Carlyle H. (See Bentley, P. A., Deans, Manger, and Wainwright.)
- Wainwright, Carlyle H. (See Deans, F. E., Manger, and Wainwright.)
- Wainwright, George E. (See Jackson, K. S., Wainwright, and Hailes.)
- Wainwright, George R. (See Southam, G. A., and Wainwright.)
- Wainwright, James A., and J. W. Harrop, Spondon, near Derby, England, assignors to Celanese Corporation of America. Printing. 2,052,679; Sept. 1.
- Wait, Bertrand H., New Rochelle, N. Y., and R. T. Haller, Plainfield, N. J. Preparing a paving composition. 2,049,985; Aug. 4.
- Wait, Justin F., New York, N. Y. Treating hydrocarbons. 2,034,068; Mar. 17.
- Wait, Justin F., New York, N. Y. Apparatus and process for treating gaseous fluid. 2,036,899; Apr. 7.
- Wait, Justin F., New York, N. Y. Process and apparatus for ozonation. 2,050,771; Aug. 11.
- Wait, Justin F., New York, N. Y. Refining mineral oil. 2,050,772; Aug. 11.
- Wait, Justin F., New York, N. Y. Refining oil. 2,052,812; Sept. 1.
- Wait, Justin F., New York, N. Y. Process and apparatus for treating liquid. 2,055,808; Sept. 29.
- Wait, Justin F., New York, N. Y. Treating gaseous fluid. 2,055,809; Sept. 29.
- Wait, Justin F., New York, N. Y. Treating hydrocarbon oils. 2,058,534; Oct. 27.
- Wait, Justin F., New York, N. Y. Treating oils. 2,059,542; Nov. 3.
- Wait, Justin F., New York, N. Y. Apparatus for fusions. 2,059,543; Nov. 3.
- Wait, Justin F., New York, N. Y. Film treatment of oil. 2,063,860; Dec. 8.
- Wait, Justin F., New York, N. Y. Refining petroleum oil. 2,063,861; Dec. 8.
- Wait, Justin F., New York, N. Y. Refining petroleum oil. 2,063,862; Dec. 8.
- Waite & Bartlett X-Ray Manufacturing Company. (See Goldfield, Edwin R., assignor.)
- Waite & Bartlett X-Ray Manufacturing Company. (See Goldfield, E. R., and Horsley, assignors.)
- Waite & Bartlett X-Ray Mfg. Co. (See Horsley, C. B., and Goldfield, assignors.)
- Waite, Griffin G. (See Sutherland, W. F., and Waite.)
- Waite, Raymond A. (See Pinto, A., and Waite.)
- Waite, Raymond A., Yonkers, N. Y., assignor to Otis Elevator Company, New York, N. Y. Switch contact. 2,064,998; Dec. 22.
- Waite, Sheridan C., Springville, N. Y. Dispensing tube. 2,028,175; Jan. 21.
- Waits, Spencer C., Monroe, La. Bicycle lock. 2,032,821; Mar. 3.
- Wakefield, Albert F., assignor to The F. W. Wakefield Brass Company, Vermilion, Ohio. Electric lamp mounting. 2,032,516; Mar. 3.
- Wakefield, C. C., & Company Limited. (See Evans, Elliott A., assignor.)
- Wakefield, C. C., & Company Limited. (See Griffith, A. A., and Helmore, assignors.)
- Wakefield, C. C., & Company. (See Pruvot, Henri-E.-N., assignor.)
- Wakefield, F. W., Brass Company, The. (See Wakefield, Albert F., assignor.)
- Wakefield, Frank E., assignor to Evans Case Company, North Attleboro, Mass. Catch. 2,035,033; Mar. 24.
- Wakefield, Frank E., assignor to Evans Case Company, North Attleboro, Mass. Receptacle. 2,053,212; Sept. 1.
- Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft replenishing pick and pick loom. 2,065,776; Dec. 29.
- Wakeham, George W., Werribee, Victoria, Australia. Seed sower. 2,054,552; Sept. 15.
- Wakelee, Ronald L., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 2,052,680; Sept. 1.
- Wakelee, Ronald L., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 2,052,681; Sept. 1.
- Wakelee, Ronald L., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 2,052,682; Sept. 1.
- Walberg, Gerrit C., Buffalo, N. Y. Fishing float. 2,052,262; Aug. 25.
- Walch, Frederick W., Somerville, Mass., assignor to Consolidated Ashcroft Hancock Company, New York, N. Y. High pressure injector. 2,032,674; Mar. 3.
- Walch, Frederick W., Somerville, Mass., assignor to Consolidated Ashcroft Hancock Company, New York, N. Y. Injector. 2,056,698; Oct. 6.
- Walch, Frederick W., Newton Center, Mass., assignor to Consolidated Ashcroft Hancock Company, New York, N. Y. Injector. 2,046,887; July 7.
- Walch, Henri, Paris, France, assignor to Aktiebolaget Separator-Nobel, Stockholm, Sweden. Dewaxing mineral oils. 2,041,885; May 26.
- Walch, Louis, Monongahela, Pa. Tool shield. 2,040,719; May 12.



- Walcher, Edwin A., Calumet City, assignor to American Steel Foundries, Chicago, Ill. Truck. 2,051,660; Aug. 18.
- Walco Bead Co. (See Wallach, Samuel, assignor.)
- Walden, George H., Jr. (See Beans, H. T., Walden, and Hammett.)
- Walden, Lester M., assignor to Teletype Corporation, Chicago, Ill. Rail shift mechanism for linecasting and composing machines. 2,029,400; Feb. 4.
- Walden, Lester M., New York, N. Y., assignor to Teletype Corporation, Chicago, Ill. Line casting machine. 2,058,195; Oct. 20.
- Waldes, Jindřich, Prague, Czechoslovakia. Slide operated fastener. 2,045,504; June 23.
- Waldes Koh-I-Noor, Inc. (See Silberman, David, assignor.)
- Waldman, Harry. (See Wilson, Christopher R., assignor.)
- Waldmann, Anne, Waukegan, Ill. Laundry cart. 2,037,291; Apr. 14.
- Waldorf, Fred, Pittsburgh, Pa. Method and mechanism for uncoiling. 2,054,347; Sept. 15.
- Waldorf Paper Products Company. (See Boeye, Paul F., assignor.)
- Waldorf Paper Products Company. (See Buchanan, F. L., and Guyer, assignors.)
- Waldorf Paper Products Company. (See Guyer, Reynolds, assignor.)
- Waldron, Frederic B., Prescott, assignor to Pilkington Brothers Limited, Liverpool, England. Glass grinding apparatus. 2,036,900; Apr. 7.
- Waldron, John, Corporation. (See Chadwick, J. H., and Willis, assignors.)
- Waldron, John, Corporation. (See Dickhaut, C. A., and Willis, assignors.)
- Waldron, John, Corporation. (See Dunham, John R., assignor.)
- Waldron, John, Corporation. (See Kaiser, Frank F., assignor.)
- Waldron, Richard C., Clifton, assignor to The Okonite Company, Passaic, N. J. Cable splice. 2,030,080; Feb. 11.
- Waldron, William R., Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of finely divided vat colors. 2,065,928; Dec. 29.
- Waldschmidt, Erich, Berlin-Charlottenburg, Germany, assignor, by mesne assignments, to Pyrene-Minimax Corporation. Device for producing foam. 2,043,599; June 9.
- Waldschmidt, Ernst, Berlin, Germany. Phototube. 2,039,134; Apr. 28.
- Waldschock, Moritz, assignor to O. Waldschock, Golssen, Germany. Table. 2,050,677; Aug. 11.
- Waldschock, Otilie. (See Waldschock, Moritz, assignor.)
- Waldvogel, Albert C. (See Shaw, C. P., and Waldvogel.)
- Waldvogel, Karl O. (See Wickersham, D. P., and Waldvogel.)
- Walen, George, Tyner, Saskatchewan, Canada. Clothes wringer. 2,030,337; Feb. 11.
- Walenta, Paul, Sturtevant, Wis. Rocking chair. 2,046,858; July 7.
- Wales, Allen, Adding Machine Corporation. (See Fried, Jerome A., assignor.)
- Wales, Harry N. Kew, Victoria, Australia. Differential driving mechanism. 2,034,318; Mar. 17.
- Wales, James A., Westmount, assignor to McColl-Frontenac Oil Co. Limited, Montreal, Quebec, Canada. Cracking of hydrocarbon oils. 2,050,986; Aug. 11.
- Wales, Rowland T., New Rochelle, N. Y. Form or mold for walls of concrete and the like. 2,037,444; Apr. 14.
- Walk-Em Corporation. (See Torme, William D., assignor.)
- Walker, Albert O., Jackson County, assignor of one-third to W. B. Hargraves, Kansas City, Mo. Filter. 2,035,851; Mar. 31.
- Walker, Allen V., Nashville, Tenn. Valve. 2,052,373; Aug. 25.
- Walker, Arthur W., Malden, and R. W. Rogers, Framingham, assignors to Walker & Pratt Manufacturing Co., Boston, Mass. Range. 2,041,310; May 19.
- Walker, Bernard M., Los Angeles, Calif. Lubricator adapter for springs. 2,044,375; June 16.
- Walker, Brooks, Oakland, Calif. Fluid pump packing. 2,028,634; Jan. 21.
- Walker, Brooks, Piedmont, Calif. Vehicle lifting and traversing device. 2,054,842; Sept. 22.
- Walker, Bruce L., Oklahoma City, Okla. Air driven display. 2,066,063; Dec. 29.
- Walker, Charles, Knoxville, Tenn. Multiple universal vending machine for vending solid and liquid bodies. 2,044,110; June 16.
- Walker, Charles, Knoxville, Tenn. Coin controlled vending machine. 2,056,083; Sept. 29.
- Walker, Charles H., Mankato, Kans. Clamp. 2,041,311; May 19.
- Walker, Charles R., assignor to Abrasive Products, Inc., South Braintree, Mass. Treating crystalline abrasives and treated product. 2,029,253; Jan. 28.
- Walker, Charles W. (See Morrison, J. J., and Walker.)
- Walker, Chester L., D. R. Moatz, and W. R. Allen, Third, assignors to United American Bosch Corporation, Springfield, Mass. Radio coil and switch assembly. 2,062,253; Nov. 24.
- Walker, Clinton L., Piedmont, Calif. Drilling apparatus. 2,035,852; Mar. 31.
- Walker, Clinton L., Piedmont, Calif. Brake for motor vehicles. 2,062,848; Dec. 1.
- Walker, Cranford P., San Marino, assignor to Consolidated Steel Corporation, Los Angeles, Calif. Valve operating means. 2,038,252; Apr. 21.
- Walker, David V., Wichita, Kans. Display appliance. 2,062,802; Dec. 1.
- Walker Dishwasher Corporation. (See Walker, Forrest A., assignor.)
- Walker, Edwin R., Yakima, Wash., assignor to Food Machinery Corporation, San Jose, Calif. Fruit packer's stand. 2,057,284; Oct. 13.
- Walker, Ernest F. (See Gilbert, James W., assignor.)
- Walker, Ernest F. (See Gilbert, J. W., and Walker.)
- Walker, Fenwick. (See Walker, John, assignor.)
- Walker, Forrest A., Chicago, Ill., assignor to Walker Dishwasher Corporation. Dishwashing apparatus. 2,035,625; Mar. 31.
- Walker, Frank L. (See Flewelling, Edmund T., assignor.)
- Walker, Frank R., Glencoe, Ill. Metal support for wooden building construction. 2,042,370; May 26.
- Walker, George, and J. E. Woodland, assignor to The Jacobs Bros. Co., Inc., Brooklyn, N. Y. Scale. 2,055,092; Sept. 22.
- Walker, George G., Poland, assignor to Republic Steel Corporation, Youngstown, Ohio. Welded metal pipe and making same. 2,028,096; Jan. 14.
- Walker, George G., Poland, assignor to The Republic Steel Corporation, Youngstown, Ohio. Forming metal pipe blanks. 2,037,608; Apr. 14.
- Walker, George H., assignor to Heenan & Froude Limited, Walker, George R. (See Bear, W. L., and Walker.)
- Walker, Harold B., et al. (See de Sherbinin, Eric M., assignor.)
- Walker, Harold L., assignor to The Jacobs Bros. Co., Inc., Brooklyn, N. Y. Scale. 2,030,666; Feb. 11.
- Walker, Harold L., assignor to The Jacobs Bros. Co., Inc., Brooklyn, N. Y. Scale. 2,030,667; Feb. 11.
- Walker, Harold L., assignor to The Jacobs Bros. Co. Inc., Brooklyn, N. Y. Scale. 2,033,212; Mar. 10.
- Walker, Harold L., assignor to The Jacobs Bros. Co. Inc., Brooklyn, N. Y. Scale. 2,054,456; Sept. 15.
- Walker, Harold L., assignor to The Jacobs Bros. Co. Inc., Brooklyn, N. Y. Scale. 2,058,535; Oct. 27.
- Walker, Harry A., Somerville, and H. P. Strand, Malden, Mass. Test tube heater. 2,031,019; Feb. 18.
- Walker, Herbert W. (See Downing, F. B., and Walker.)
- Walker, Herbert W. (See Elley, H. W., and Walker.)
- Walker, Hervey S., Ardmore, Pa. Underfloor duct box. 2,046,351; July 7.
- Walker, Hervey S., Ardmore, Pa. Underfloor duct box. 2,063,569; Dec. 8.
- Walker, Jack E., Los Angeles, Calif., assignor to Radiator Specialty Company, Charlotte, N. C. Flush tank ball. 2,035,626; Mar. 31.
- Walker, James E., Dallas, Tex. Waterproof cigarette case. 2,028,030; Jan. 14.
- Walker, James P. (See Meyer, P. H., Bethke, and Walker.)
- Worcester, England. Apparatus for imparting vibratory movements to motor vehicles. 2,033,747; Mar. 10.
- Walker, Jay P., assignor of forty per cent to G. O. Marchant, and six per cent to C. G. Wells, Tulsa, Okla. Separating fluids. 2,057,257; Oct. 13.
- Walker, John, Portsmouth, assignor of one-half to Fenwick Walker, Westhaven, Va. Floor treating device. 2,033,661; Mar. 10.
- Walker, John, Westfield, N. J., assignor to International Motor Company, New York, N. Y. Fifth wheel safety device for semitrailers. 2,043,342; June 9.
- Walker, John, Jr., Melrose Park, assignor to Walker Manufacturing Company, Inc., Philadelphia, Pa. Latch for heddle frames. 2,046,099; June 30.
- Walker, John, Jr., Melrose Park, assignor to Walker Manufacturing Company, Inc., Philadelphia, Pa. Latch for heddle frames. 2,046,100; June 30.
- Walker, John C., Eldorado, Kans., assignor to Empire Oil & Refining Company, Bartlesville, Okla. Producing hydrocarbon oxygen compounds. 2,042,134; May 26.
- Walker, John S., Pittsburgh, Pa. Knee pad. 2,031,622; Feb. 25.
- Walker, Joseph B., Hollywood, assignor of one-half to S. K. Johnson, Los Angeles, Calif. Recording and reproducing secret messages. 2,045,624; June 30.
- Walker, Joseph E., Grand Rapids, Mich. Former for making cellular structures as honeycomb and the like. 2,061,295; Nov. 17.
- Walker, Joseph F. (See Scott, N. D., and Walker.)
- Walker, Joseph F., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Production of organic acids. 2,033,056; Mar. 3.
- Walker, Kenneth E. (See Loder, D. J., and Walker.)
- Walker, Louis E. Q., Braintree, England, assignor to Radio Corporation of America. Television system. 2,048,761; July 28.
- Walker Manufacturing Co. (See Gunn, Earl G., assignor.)
- Walker Manufacturing Company. (See Walker, John, Jr., assignor.)
- Walker, Norman L., Lewiston, N. Y. Sand spreading apparatus. 2,044,652; June 16.
- Walker & Pratt Manufacturing Co. (See Walker, A. W., and Rogers, assignors.)
- Walker, R. C. (See Jacobs, Frank E., assignor.)
- Walker, Ralph S. (See Heckel, J. T., and Walker.)



- Walker, Robert J., Little Rock, Ark. Tool handle fastening. 2,049,341; July 28.
- Walker, Robert W. (See Koenig, W. J., Pohn, and Walker.)
- Walker, Ronald W., and W. G. Jamieson, Glasgow, Scotland. Apparatus for the measurement and proportioning materials. 2,047,500; July 14.
- Walker, Thomas E., South Tilley, New Brunswick, Canada. Attachment for potato planting machines. 2,053,410; Sept. 8.
- Walker-Turner Company. (See Ocenasek, William F., assignor.)
- Walker, Walter O., Coral Gables, Fla., and U. Kopsch, Leverkusen-on-the-Rhine, Germany, assignors to A. O. Smith Corporation, Milwaukee, Wis. Acetic acid manufacture. 2,047,534; July 14.
- Walkland, Thomas P. (See Noble, A., and Walkland.)
- Wall, Charles L. (See Parker, C. S., Wall, and Farrington.)
- Wall, Earl R., et al. (See McCarty, Madison P., assignor.)
- Wall, Edmund L., Detroit, Mich., assignor, by mesne assignments, to Clearing Machine Corporation, Chicago, Ill. Universal die sinking attachment for vertical milling machines. 2,051,430; Aug. 18.
- Wall, James E., Tampa, Fla. Attachment for electric fans. 2,050,773; Aug. 11.
- Wall, James J., assignor to Marathon Electric Manufacturing Corporation, Wausau, Wis. Fan motor mounting. 2,035,733; Mar. 31.
- Wall, John M., Syracuse, N. Y. Intermittent drive mechanism. 2,055,021; Sept. 22.
- Wall, Matthew J., Jersey City, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Welding process and apparatus. 2,036,732; Apr. 7.
- Wall & Oes. (See Geiger, Frederick, assignor.)
- Wall, William G., Indianapolis, Ind. Individual wheel mounting. 2,039,041; Apr. 28.
- Wall, William G., Indianapolis, Ind., assignor to The New York Air Brake Company. Vehicle brake. 2,037,867; Apr. 21.
- Wall, William G., Indianapolis, Ind., assignor to The New York Air Brake Company. Vehicle brake. 2,037,868; Apr. 21.
- Wall, William G., Indianapolis, Ind., assignor to The New York Air Brake Company. Slack take-up and force multiplier for brakes. 2,037,869; Apr. 21.
- Wallace, Allen. (See Glaenger, Harry, assignor.)
- Wallace, Allen, Moorestown, N. J. Railway maintenance equipment. 2,049,401; July 28.
- Wallace, Allen, Moorestown, N. J. Equalizer system. 2,060,750; Nov. 10.
- Wallace Barnes Company, The. (See Cook, Raymond W., assignor.)
- Wallace, Charles F., Westfield, assignor to Wallace & Tierman Products, Inc., Belleville, N. J. Signal device. 2,051,506; Aug. 18.
- Wallace, Charles F., Westfield, assignor to Wallace & Tierman Products, Inc., Belleville, N. J. Signal device. 2,054,013; Sept. 8.
- Wallace, Charles O., Cheyenne, Wyo. Curtain pole. 2,047,238; July 14.
- Wallace, Curtis C., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Glass jar and cover for storage battery cells. 2,031,438; Feb. 18.
- Wallace, David A. (See Mendenhall, Lloyd E., assignor.)
- Wallace, David A. (See Wallace, Eugene, assignor.)
- Wallace, David A., assignor to Chrysler Corporation, Detroit, Mich. Tappet. 2,044,598; June 16.
- Wallace, Earl D., assignor of twenty-five per cent to J. R. Nichols and twenty-five per cent to M. M. Nichols, Council Bluffs, Iowa. Carburetor. 2,056,334; Oct. 6.
- Wallace, Earl K. (See Moore, J. R., and Wallace.)
- Wallace, Edward B., Avoca, Pa. Motor vehicle identifying means. 2,042,689; June 2.
- Wallace, Eugene, assignor to D. A. Wallace, Detroit, Mich. Channel support for bricks. 2,063,135; Dec. 8.
- Wallace, Floyd D., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Retread paver. 2,064,365; Dec. 15.
- Wallace, Galen A., Zanesville, Ohio. Sluice gate seal. 2,055,512; Sept. 29.
- Wallace, Henry A., as Secretary of Agriculture of the United States of America. (See Gorman, Edward A., assignor.)
- Wallace, Henry A., as Secretary of Agriculture of the United States of America. (See Palkin, Samuel, assignor.)
- Wallace, Henry A., Secretary of Agriculture of the United States of America. (See Brice, Brooks A., assignor.)
- Wallace, Henry A., Secretary of Agriculture of the United States of America. (See Frey, R. W., and Smith, assignors.)
- Wallace, Henry A., Secretary of Agriculture of the United States of America. (See Haller, H. L. J., and La Forge, assignors.)
- Wallace, Henry A., Secretary of Agriculture, United States. (See Ventre, Emil K., assignor.)
- Wallace, Herbert A., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,039,616; May 5.
- Wallace, Herbert A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,053,884; Sept. 8.
- Wallace, Jeffrey J., assignor to Gullett Gin Company, Amita, La. Multiple hull extractor. 2,049,933; Aug. 4.
- Wallace, John E., Foxboro, assignor, by mesne assignments, to F. V. McCarthy, Lynn, Mass. Sprinkler system. 2,061,015; Nov. 17.
- Wallace, John E., Foxboro, and C. Dumas, Worcester, assignors, by mesne assignments, to F. V. McCarthy, Lynn, Mass. Dry pipe valve and accelerator for sprinkler systems. 2,047,719; July 14.
- Wallace, John F., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Piston packing. 2,042,569; June 2.
- Wallace, John S., St. Paul, Minn. Water purifying mechanism. 2,027,501; Jan. 14.
- Wallace, Lewis, et al. (See Page, George E., assignor.)
- Wallace, Marcel, Staten Island, assignor of one-third to E. L. Corbett, New York, N. Y. Automatic piloting system. 2,063,534; Dec. 8.
- Wallace, Thomas P., Portland, Maine. Mop. 2,041,985; May 26.
- Wallace & Tierman Company. (See Henderson, Clark T., assignor.)
- Wallace & Tierman Products, Inc. (See Wallace, Charles F., assignor.)
- Wallace-Turner, Alfred W. (See Lee, Thomas S., assignor.)
- Wallace, Vard B., Alhambra, Calif. Drafting machine. 2,051,115; Aug. 18.
- Wallace, W. W. (See Arians, Edward, assignor.)
- Wallace, Walter E., and D. Bell, Wayne County, Ind. Metal casket. 2,026,716; Jan. 7.
- Wallace, Wilford B., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Radio tube base. 2,033,748; Mar. 10.
- Wallace, William H., Detroit, Mich. Leaf spring. 2,026,599; Jan. 7.
- Wallace, William H., Detroit, Mich., assignor to Eaton Manufacturing Company. Leaf spring structure. 2,041,159; May 19.
- Wallace, William H., Detroit, Mich., assignor to Eaton Manufacturing Company. Spacer for leaf springs. 2,052,062; Aug. 25.
- Wallach, Roger N., Briarcliff Manor, N. Y., and R. Schwarz, assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Preventing the adherence of stacked sheets. 2,057,548; Oct. 13.
- Wallach, Samuel, assignor to Walco Bead Co., New York, N. Y. Bead loom. 2,043,082; June 2.
- Walle, Ludwig S., Lansdowne, Pa., assignor to General Electric Company. Circuit breaker. 2,047,842; July 14.
- Walle, Ludwig S., Lansdowne, Pa., assignor to General Electric Company. Circuit breaker. 2,047,843; July 14.
- Waller, Fred G., East St. Louis, Mo. Shaping machine. 2,030,484; Feb. 11.
- Waller, George D., Nashville, Tenn. Fire hose rack. 2,047,342; July 14.
- Waller, John A., Beverly Hills, Calif. Lawn mower. 2,063,067; Dec. 8.
- Waller, John A., Beverly Hills, Calif. Lawn mower. 2,063,068; Dec. 8.
- Waller, Leland C., Arlington, N. J., assignor to Radio Corporation of America. Radio receiver. 2,032,675; Mar. 3.
- Wallerstein Company. (See Wallerstein, L., Hawley, and Gale, assignors.)
- Wallerstein Company. (See Wallerstein, L., and Pfannmuller, assignors.)
- Wallerstein Company Inc. (See Wallerstein, L., Gale, and Hawley, Jr., assignors.)
- Wallerstein, Leo, New York, N. Y. Treating beer and ale. 2,062,075; Nov. 24.
- Wallerstein, Leo, T. Hawley, and R. A. Gale, assignors to Wallerstein Company, Inc., New York, N. Y. Treating silk and silk products. 2,029,350; Feb. 4.
- Wallerstein, Leo, R. A. Gale, and T. G. Hawley, Jr., New York, N. Y., assignors to Wallerstein Company Inc. Manufacture of textiles. 2,029,968; Feb. 4.
- Wallerstein, Leo, R. A. Gale, and T. G. Hawley, Jr., New York, N. Y., assignors to Wallerstein Company Inc. Silk yarn prepared from natural silk in the gum. 2,029,969; Feb. 4.
- Wallerstein, Leo, R. A. Gale, and T. G. Hawley, Jr., New York, N. Y., assignors to Wallerstein Company Inc. Yarn. 2,029,970; Feb. 4.
- Wallerstein, Leo, R. A. Gale, and T. G. Hawley, Jr., New York, N. Y., assignors to Wallerstein Company Inc. Mixed cellulose acetate-natural silk fabrics. 2,029,971; Feb. 4.
- Wallerstein, Leo, R. A. Gale, and T. G. Hawley, Jr., New York, N. Y., assignors to Wallerstein Company Inc. Making a knitted fabric. 2,029,972; Feb. 4.
- Wallerstein, Leo, New York, and J. Pfannmuller, Stapleton, assignors to Wallerstein Company, Inc., New York, N. Y. Depilating and bating hides and a bate for these purposes. 2,033,163; Mar. 10.
- Wallerstein, Leo, New York, N. Y., and J. Pfannmuller, North Plainfield, N. J., assignors to Wallerstein Company, Inc., New York, N. Y. Production of leather. 2,041,731; May 26.
- Wallerstein, Leo, New York, N. Y., and J. Pfannmuller, North Plainfield, N. J., assignors to Wallerstein Company, Inc., New York, N. Y. Leather manufacturing. 2,041,732; May 26.
- Wallgren, August G. F., assignor to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 2,032,729; Mar. 3.



- Wallgren, August G. F., and C. G. Janson, assignors to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 2,029,600; Feb. 4.
- Wallgren, August G. F., assignor to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 2,043,272; June 9.
- Wallgren, August G. F., assignor to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 2,063,570; Dec. 8.
- Wallin, Gustaf A. (See Madsen, L. P. G., and Wallin.)
- Wallin, Gustaf A., Flushing, assignor to A. Kimball Company, New York, N. Y. Tack. 2,061,372; Nov. 17.
- Wallin, Gustaf E., Omaha, Nebr. Saw gauge for printers' tables. 2,048,629; July 21.
- Wallin, Sven W. (See Broberg, G. K. J., Wallin, and Wessén.)
- Wallis, Barnes N., Weybridge, assignor to Vickers (Aviation) Limited, Weybridge, Surrey, England. Aircraft body structure. 2,060,387; Nov. 10.
- Wallis, John S., assignor to Foster Wheeler Corporation, New York, N. Y. Oil distillation. 2,030,485; Feb. 11.
- Wallis, John S., and S. B. de Bence, assignors to Alco Products, Incorporated, New York, N. Y. Tube still and furnace construction. 2,028,305; Jan. 21.
- Wallmann, Carl, J. Grossweischede, and B. Kruse, Mulheim-Ruhr, assignors to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Production of iron sleepers. 2,061,861; Nov. 24.
- Walny, John G., assignor to Aktiebolaget Kemiska Patent, Landskrona, Sweden. Apparatus for filtering and washing mixtures of solid and liquid substances. 2,034,784; Mar. 24.
- Walls, Harry R., et al. (See Wurm, C., and Goldstein, assignors.)
- Wallwood Corporation. (See Griffin, H. H., and Burgeni, assignors.)
- Wallwood Corporation. (See Herzog, R. O., and Burgeni, assignors.)
- Walmsley, Horace J. D. L., Mapperley, assignor to H. J. Baldwin & Company Limited, Nottingham, England. Tile or slab applicable for covering or protecting underground cables and the like. 2,062,979; Dec. 1.
- Walpamur Company Limited, The. (See Shadbolt, Frederick S., assignor.)
- Walper, Curry O., Hamilton, Ontario, Canada. Exposed corner in wallboard construction. 2,041,799; May 26.
- Walper, Curry O., Hamilton, Ontario, Canada. Wallboard joint construction. 2,041,800; May 26.
- Walper, Gordon R., Huntington Woods, Mich. Manufacturing wallboard. 2,044,234; June 16.
- Walraven, Albert T., Dallas, Tex. Book cover protector. 2,057,986; Oct. 20.
- Walraven, Albert T., Dallas, Tex. Book cover protector. 2,057,987; Oct. 20.
- Walsh, Carroll H. (See Pittman, R. R., and Walsh.)
- Walsh, Carroll H., Pine Bluff, Ark. Electrical protective apparatus. 2,049,552; Aug. 4.
- Walsh, Frederick T. (See Shute, Charles W., assignor.)
- Walsh, Harry C. H., and E. H. Hall, Chicago, Ill. Power press driving mechanism. 2,051,116; Aug. 18.
- Walsh, James F., Nashville, Tenn. Conduit cleaning device. 2,039,467; May 5.
- Walsh, James F., South Orange, N. J., assignor to Celluloid Corporation. Ball and making the same. 2,050,402; Aug. 11.
- Walsh, James F., Newton Center, assignor to Arthur D. Little, Inc., Cambridge, Mass. Laminated glass and making same. 2,054,108; Sept. 15.
- Walsh, John B., Brooklyn, N. Y., assignor to United Superior Union Company, Inc. Plumber's union and manufacture thereof. 2,050,137; Aug. 4.
- Walsh, Joseph H. (See Davis, Frank P., assignor.)
- Walsh, Joseph W., Lansdowne, Pa., assignor to Dixon Valve & Coupling Co. Hose coupling. 2,034,644; Mar. 17.
- Walsh, Lincoln, Elizabeth, N. J. Radio receiver. 2,037,445; Apr. 14.
- Walsh, Philip J., San Francisco, Calif. Amplifying system. 2,061,602; Nov. 24.
- Walsh, Philip J., San Francisco, Calif. Selective tuning system. 2,063,965; Dec. 15.
- Walsh, Vincent G. (See Craig, D. A., and Walsh.)
- Walsh, Wilfrid L. (See Lewis, D., Walsh, and Lashar.)
- Walsleben, William A., Hempstead, assignor to Western Electric Company, Incorporated, New York, N. Y. Conduit. 2,049,184; July 28.
- Walten, Max, Washington, D. C. Device for spreading pitch. 2,043,188; June 2.
- Walter, Albert U. (See Peterson, W. F., and Walter.)
- Walter, Charles T., assignor to Swift and Company, Chicago, Ill. Slicing machine. 2,036,001; Mar. 31.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Slicing and packing machine. 2,038,864; Apr. 28.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Sausage casing. 2,042,644; June 2.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Slicing machine. 2,043,361; June 9.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Drier conveyor. 2,043,681; June 9.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Extrusion device. 2,043,682; June 9.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Tube expansion extrusion die. 2,043,683; June 9.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Soap cutter. 2,043,684; June 9.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Making tube soap. 2,043,685; June 9.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Jacketed extrusion device. 2,043,686; June 9.
- Walter, Charles T., assignor, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Slicing machine. 2,047,399; July 14.
- Walter, Charles T., assignor, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Slicing machine. 2,047,400; July 14.
- Walter, Charles T., assignor to Swift and Company, Chicago, Ill. Forming meats and the like. 2,052,734; Sept. 1.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Lard pail. 2,053,855; Sept. 8.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Sausage and casing therefor. 2,054,148; Sept. 15.
- Walter, Charles T., assignor, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Apparatus for the treatment of meat. 2,057,460; Oct. 13.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Metal ferrule. 2,060,542; Nov. 10.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Casing treatment. 2,063,279; Dec. 8.
- Walter, Claude E., Viola, Wis. Cloth display measuring and cutting device. 2,043,133; June 2.
- Walter, Frank W., Jr., Ventnor, N. J. Vacuum operated gear shift. 2,055,324; Sept. 22.
- Walter, George S., Chicago, Ill. Writing pen. 2,033,164; Mar. 10.
- Walter, George S., Chicago, Ill. Writing pen. 2,033,794; Mar. 10.
- Walter, Hollis, Baldwin, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Built-up rotor for gyroscopes. 2,061,261; Nov. 17.
- Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Milling machine head. 2,033,749; Mar. 10.
- Walter, Joseph H., assignor, by mesne assignments, to The Steel Products Engineering Company, Springfield, Ohio. Hopper. 2,056,239; Oct. 6.
- Walter, Ludwig, assignor to Telefunken Gesellschaft fur Drahtlose, Telegraphie m. b. H., Berlin, Germany. High frequency cable system. 2,036,002; Mar. 31.
- Walter, Paul. (See Eustis, W., and Walter.)
- Walter, Richard R., Starnberg, Germany. Alloy. 2,036,245; Apr. 7.
- Walter, Robert. (See Dieterle, W., Walter, and Dürr.)
- Walter, Roger H., assignor to The Fabriemeter Co. Limited, London, England. Fabric measuring machine. 2,036,901; Apr. 7.
- Walters, Daniel W. (See Young, F. J., Walters, and Timbs.)
- Walters, Daniel W., West Los Angeles, Calif., assignor, by mesne assignments, to The National Superior Company, Toledo, Ohio. Drawworks. 2,038,149; Apr. 21.
- Walters, Emmett L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass inspection apparatus. 2,046,045; June 30.
- Walters, Gustav, Middletown, Conn. Clutch-facing. 2,028,031; Jan. 14.
- Walters, Harry, Kansas City, Mo. Loose match holder. 2,041,035; May 19.
- Walters, Henry W., Jacksonville, Fla. Life saving apparatus. 2,050,138; Aug. 4.
- Walters, Herbert C., assignor to Delco Aviation Corporation, Dayton, Ohio. Electrical apparatus. 2,064,093; Dec. 15.
- Walters, Herbert E., et al. (See Failing, Homer B., assignor.)
- Walters, Herbert H., Syracuse, N. Y. Lead pencil pointer. 2,031,292; Feb. 18.
- Walters, Lewis J. (See Brown, R. L., Walters, Brickett, and Coleman.)
- Walters, Rudolph A. (See Sorenson, N. A., and Walters.)
- Walterspiel, Alfred, Munich, Germany. Symmetrical vertical roaster with air-cooled drip pan. 2,049,481; Aug. 4.
- Waltham Watch Company. (See Balzer, Werner H., assignor.)
- Walther, Benjamin, Albany, N. Y. Baseball practice machine. 2,058,277; Oct. 20.
- Walther, Fritz, assignor to Vomag-Betriebs-A. G. Plauen in Vogtland, Germany. Chuck. 2,040,225; May 12.
- Walther, George, near Dayton, assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Metal wheel. 2,027,408; Jan. 14.
- Walther, George, near Dayton, assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Metal wheel. 2,048,150; July 21.
- Walther, George J., Winona, Minn. Collapsible tube closure. 2,061,124; Nov. 17.
- Wältli, Heinrich, Winterthur-Wulffingen, assignor to the firm Sulzer Freres Societe Anonyme, Winterthur Switzerland. Piston compressor having rotary valve gear. 2,034,069; Mar. 17.



- Wälti, Heinrich, Winterthur-Wulfinger, assignor to Sulzer Frères Société Anonyme, Winterthur, Switzerland. Internal combustion engine. 2,044,552; June 16.
- Waltman, Chauncey E., assignor to Sandel Manufacturing Co., Chicago, Ill. Light reflecting device. 2,054,014; Sept. 8.
- Walton, Albert, Jr., Springfield, assignor to Old Colony Envelope Company, Westfield, Mass. Envelope. 2,060,149; Nov. 10.
- Walton, Albert S. (See Havill, C. H., and Walton.)
- Walton, Edgar M., Kansas City, Mo. Grave marker. 2,046,594; July 7.
- Walton, Ernest B., West Palm Beach, Fla. Reenforced slate tile. 2,041,886; May 26.
- Walton, George M. (See Schaaf, A. E., and Walton.)
- Walton, George W., London, England. Method of and apparatus for obtaining optical effects by electrical means. 2,029,401; Feb. 4.
- Walton, George W., London, England. Optical valve. 2,030,235; Feb. 11.
- Walton, George W., London, England. Frequency range converter. 2,041,036; May 19.
- Walton, George W., London, England. Variable speed mechanism. 2,052,507; Aug. 25.
- Walton, George W., London, England. Wireless transmission system. 2,053,014; Sept. 1.
- Walton, George W., London, England. Natural color picture reproduction. 2,061,016; Nov. 17.
- Walton, James H. (See Filson, G. W., and Walton, assignors.)
- Walton, James J., Junction City, Kans. Motor vehicle license plate holder. 2,057,461; Oct. 13.
- Waltz, Foster V., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,029,902; Feb. 4.
- Waltz, Foster V., Toledo, assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,031,439; Feb. 18.
- Waltz, Foster V., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing device. 2,049,281; July 28.
- Waltz, Foster V., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,049,282; July 28.
- Walworth Patents, Inc. (See Bard, Francis N., assignor.)
- Walworth Patents Inc. (See Cotton, Charles H., assignor.)
- Walzer, George W., assignor to Glove Steel Tubes Co., Milwaukee, Wis. Tube drawing machine. 2,049,577; Aug. 4.
- Wamalink, Eugene C., Cleveland Heights, Ohio. Ignition device. 2,031,293; Feb. 18.
- Wampler, Roy W., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Safety glass. 2,062,541; Dec. 1.
- Wanamaker, Ernest, Chicago, Ill. Rail-highway vehicle. 2,043,134; June 2.
- Wanamaker, Ernest, and H. D. Allgeo, assignors to Patents Research Corporation, Chicago, Ill. Lubricant and method of treating. 2,050,139; Aug. 4.
- Wandell, James W., Hoboken, N. J., and G. H. Mulhollen, New York, N. Y. Device for the prevention of refilling bottles. 2,038,392; Apr. 21.
- Wander, Frederick, Jr., Bronx, N. Y. Rotary wing for airplanes and the like. 2,065,254; Dec. 22.
- Wanderer-Werke vorm. Winkhofer & Jaenicke Akt.-Ges. (See Schüller, Hugo, assignor.)
- Wanderer-Werke vorm. Winkelhofer & Jaenicke Akt. Ges. (See Stuhlmacher, Richard, assignor.)
- Wanders, Hans H., Hingham, Mass. Box with cover and hinge therefor. 2,040,191; May 12.
- Waner, Harry E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for making inner tubes for tires. 2,044,961; June 23.
- Wanete Oil Company, et al. (See McHenry, Karmon L., assignor.)
- Wanfried, William G., Hershey, Pa. Insect gatherer and destroyer. 2,061,724; Nov. 24.
- Wangelin, Donald A., Rock Island, assignor to Deere & Company, Moline, Ill. Rotary hoe. 2,028,365; Jan. 21.
- Wanger, Willi. (See Kopeliowitch, J., and Wanger.)
- Wanko, John J., Baltimore, Md. Glass polishing machine. 2,040,720; May 12.
- Wanless, Alexander, Fordholm, Dunblane, Scotland. Artificial fly. 2,035,005; Mar. 24.
- Wannack, Carl O., assignor, by mesne assignments, to S. H. G. Incorporated, Chicago, Ill. Generating combustible gas. 2,050,514; Aug. 11.
- Wantz, Clarence, Milwaukee, Wis., assignor to Milwaukee Gas Specialty Company. Sealing connection. 2,054,348; Sept. 15.
- Wantz, Clarence, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Sealing connection. 2,054,349; Sept. 15.
- Wantz, Julius B., Oak Park, assignor to General Electric X-ray Corporation, Chicago, Ill. X-ray table. 2,038,327; Apr. 21.
- Wantz, Julius B., Oak Park, and J. J. Grobe, assignors to General Electric X-Ray Corporation, Chicago, Ill. X-ray operating table. 2,052,956; Sept. 1.
- Wappler Electric Company. (See Mutscheller, Arthur, assignor.)
- Wappler Electric Company. (See Simon, Alfred, assignor.)
- Wappler, Frederick C., administrator. (See Wappler, Frederick C. and R. H.)
- Wappler, Frederick C., administrator. (See Wappler, Reinhold H.)
- Wappler, Frederick C., administrator. (See Wappler, Reinhold H. and F. C.)
- Wappler, Frederick C., New York, N. Y. Forcipated surgical instrument. 2,028,635; Jan. 21.
- Wappler, Frederick C., New York, N. Y. Surgical endoscopic instrument. 2,031,020; Feb. 18.
- Wappler, Frederick C., New York, N. Y. Therapeutic application of high-frequency current. 2,032,859; Mar. 3.
- Wappler, Frederick C., New York, N. Y. Endoscopic forceps. 2,034,785; Mar. 24.
- Wappler, Frederick C., New York, N. Y. Electrode endoscopic instrument. 2,038,393; Apr. 21.
- Wappler, Frederick C., New York, N. Y. Catheterizing instrument. 2,038,394; Apr. 21.
- Wappler, Frederick C., New York, N. Y. Therapeutic electrode and plug therefor. 2,043,083; June 2.
- Wappler, Frederick C., New York, N. Y. Surgical snare. 2,054,149; Sept. 15.
- Wappler, Frederick C., New York, N. Y. Electrodeic instrument. 2,056,377; Oct. 6.
- Wappler, Frederick C., New York, and R. H. Wappler, deceased, Yonkers, by F. C. Wappler, administrator, New York, N. Y. Electrosurgical treatment of tissue. 2,032,860; Mar. 3.
- Wappler, Frederick C., New York, N. Y., and A. Farber, Newark, N. J., assignors to American Cystoscope Makers, Inc., New York, N. Y. Fluoroscope. 2,055,188; Sept. 22.
- Wappler, Reinhold, deceased. (See Wappler, Frederick C. and R. H.)
- Wappler, Reinhold H., deceased, Yonkers, N. Y., F. C. Wappler, administrator, and F. C. Wappler, New York, N. Y. Electrosurgical severance of adhesions. 2,031,682; Feb. 25.
- Wappler, Reinhold H., deceased, Yonkers, N. Y., Frederick C. Wappler, administrator. Surgical electrodes. 2,047,535; July 14.
- Ward, Albert K. (See Craig, P. M., and Ward.)
- Ward, Alger L., Upper Darby, C. W. Jordan, Paoli, and C. G. Milbourne, Lansdowne, Pa., assignors to The United Gas Improvement Company, Philadelphia, Pa. Production of elemental sulphur from hydrogen sulphide and sulphur dioxide. 2,043,084; June 2.
- Ward Baking Company. (See Hoffman, Charles, assignor.)
- Ward, Charles J., Staten Island, N. Y. Ship chart cabinet and display case. 2,031,241; Feb. 18.
- Ward, Charles J., Grasmere, N. Y. Sanitary comb. 2,064,509; Dec. 15.
- Ward, Charles M., Franklin, assignor of one-fifth to J. B. Ward, St. Louis, Mo. Game trap. 2,061,123; Nov. 17.
- Ward, Charles W., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Humidified cabinet. 2,050,140; Aug. 4.
- Ward, Edward J., Brooklyn, N. Y. Printing machine. 2,043,600; June 9.
- Ward, Erwin J., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Sensitive photographic element. 2,059,829; Nov. 3.
- Ward, Eugene B., West Springfield, Mass. Footwear. 2,048,904; July 28.
- Ward, George W., Buffalo, N. Y. Soap chip dispenser. 2,041,887; May 26.
- Ward, Harold G., Wallasey, England. Extraction of toxins from roots for the manufacture of insecticides. 2,056,438; Oct. 6.
- Ward, Jake W., et al. (See McDowell, John, J. F., and E., assignors.)
- Ward, James B. (See Ward, Charles M., assignor.)
- Ward, John. (See Carmichael, C. C., and Ward.)
- Ward, John C., Jr., Rome, N. Y., assignor, by mesne assignments, to Burton-Dixie Corporation. Convertible furniture. 2,033,795; Mar. 10.
- Ward, John C., Jr., Rome, N. Y., assignor, by mesne assignments, to Burton-Dixie Corporation. Furniture support. 2,059,420; Nov. 3.
- Ward, John T. (See Gary, W. W., and Ward.)
- Ward, John T., Westfield, assignor to Gasoline Products Company, Inc., Newark, N. J. Treatment of hydrocarbon oil. 2,054,777; Sept. 15.
- Ward, Julian P., assignor to The General Coating Company, Cleveland, Ohio. Coating process. 2,061,338; Nov. 17.
- Ward, Leo A., Jersey City, N. J. Plug valve. 2,045,113; June 23.
- Ward Leonard Electric Company. (See Logan, Frank G., assignor.)
- Ward, Marshall H., Fairfield, assignor to Bridgeport Brass Company, Bridgeport, Conn. Bellows thermostat with flexible connecting means. 2,031,440; Feb. 18.
- Ward, Marshall H., Fairfield, assignor to Bridgeport Brass Company, Bridgeport, Conn. Making flexible metallic bellows. 2,032,555; Mar. 3.
- Ward, Paul, Nashville, Tenn. Combination tool. 2,038,693; Apr. 28.
- Ward, Robert I., Chicago, Ill. Reverse power and differential protection means. 2,047,343; July 14.
- Ward, Robert J. (See Kinsella, E., and Ward.)
- Ward, Robert J. (See Rooney, J. H., and Ward.)



- Ward, Walter J., Lakewood, C. E. Bauerle, Cleveland, and F. H. Dalrymple, Bedford, Ohio. Rendering bottles nonrefillable. 2,061,603; Nov. 24.
- Ward, Willis C., Orchard Lake, Mich. Garment supporter. 2,061,956; Nov. 24.
- Wardecker, Charles A. (See Lauretti, Piacentino, assignor.)
- Wardell, William J., Mount Vernon, assignor to American Can Company, New York, N. Y. Pouring spout container. 2,031,623; Feb. 25.
- Wardell, William J., Mount Vernon, assignor to American Can Company, New York, N. Y. Container. 2,037,746; Apr. 21.
- Wardle, Clarence A., Philadelphia, Pa. Drying machine. 2,038,395; Apr. 21.
- Wardwell, George W., Jr., Nichols, Conn., assignor to General Electric Company. Puff iron. 2,049,342; July 28.
- Ware, Herbert Maclean, Northwood, assignor to Kartles Limited, London, England. Container or carton. 2,063,645; Dec. 8.
- Ware, Lawrence A., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translating system. 2,033,963; Mar. 17.
- Ware, Marsden, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,049,678; Aug. 4.
- Ware, Walter C., assignor to Evans Stamping and Plating Company, Taunton, Mass. Reduction gearing. 2,040,287; May 12.
- Wareham, Harry, Chicopee Falls, Mass., assignor, by mesne assignments, to Savage Arms Corporation, Utica, N. Y. Single trigger mechanism. 2,052,957; Sept. 1.
- Waret, Julien Vincennes, France. Heating block for the treatment of hair. 2,030,162; Feb. 11.
- Warfield Company. (See Forsberg, Albin L., assignor.)
- Warfield, Fredrick P. (See Kean, Otho V., assignor.)
- Warg, Charles A., assignor to McClave-Brooks Company, Scranton, Pa. Dump plate. 2,047,447; July 14.
- Warg, Charles A., assignor to McClave-Brooks Company, Scranton, Pa. Underfeed stoker. 2,062,076; Nov. 24.
- Wargo, Louis W., Dearborn, Mich. Sled. 2,062,953; Dec. 1.
- Waring, Edward J., Plainfield, assignor to Pyrene Manufacturing Company, Newark, N. J. Antiskid device. 2,033,407; Mar. 10.
- Waring, Robert K., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Zinc sulphide. 2,059,421; Nov. 3.
- Warinner, Lucy, Portland, Oreg. Diaper cover. 2,054,310; Sept. 15.
- Warlick, J. W. (See Bradshaw, Austin A., assignor.)
- Warlimont, Felix, Hamburg, assignor to Metallgesellschaft Aktiengesellschaft, Frankfurt-on-the-Maine, Germany. Copper refining furnace. 2,036,902; Apr. 7.
- Warmisham, Arthur, Evanston, assignor to The Bell & Howell Company, Chicago, Ill. Viewing device. 2,032,676; Mar. 3.
- Warneke, Roman C., and F. T. Grothouse, Fort Wayne, Ind., assignors to General Electric Company. Freezing tray. 2,036,784; Apr. 7.
- Warner, Archibald A., Royal Oak, Mich., assignor to The Universal Products Company, Inc. Universal joint. 2,027,078; Jan. 7.
- Warner, Arthur L., Elgin, assignor to Illinois Iron & Bolt Company, Carpentersville, Ill. Making underserrated mower sections. 2,047,300; July 14.
- Warner, Arthur L., Elgin, assignor to Illinois Iron & Bolt Company, Carpentersville, Ill. Mower guard and plate securing means therefor. 2,056,029; Sept. 29.
- Warner, Arthur L., Elgin, Ill., assignor to Illinois Iron & Bolt Company, Carpentersville, Ill. Device for opening mower pitman straps. 2,060,150; Nov. 10.
- Warner, Arthur P., Beloit, Wis. Magnetic clutch. 2,061,787; Nov. 24.
- Warner, Arthur W., Media, Pa., assignor to Isbell Porter Company, Newark, N. J. Operating retorts to produce coke, gas and oil. 2,026,923; Jan. 7.
- Warner Bros. Pictures, Inc. (See Geib, Robert L., assignor.)
- Warner Bros. Pictures, Inc. (See Jackman, Fred W., assignor.)
- Warner Bros. Pictures, Inc. (See Tondreau, Albert W., assignor.)
- Warner, Charles F., assignor of one-sixth to H. G. Dickerson, two-sixths to C. S. Woodson, one-sixth to J. C. Fusco, and one-twelfth to E. S. Dorin, Richmond, Va. Electrical controlling apparatus. 2,056,699; Oct. 6.
- Warner Chemical Company, The. (See Coleman, John H., assignor.)
- Warner, Cornelius M., Everett, Mass. Guard rail holder. 2,043,312; June 9.
- Warner, David M., Dayton, Ohio, assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Testing machine. 2,030,418; Feb. 11.
- Warner, DeWitt, Crane, Tex. Mirror. 2,038,459; Apr. 21.
- Warner, Donald F., Lynn, Mass., assignor to General Electric Company. Emergency tripping device. 2,027,848; Jan. 14.
- Warner, Donald F., Lynn, Mass., assignor to General Electric Company. Variable speed dual drive. 2,059,830; Nov. 3.
- Warner, Earl S., Yalesville, Conn., assignor to Air-Flo Corporation, Boston, Mass. Device for spraying. 2,029,141; Jan. 28.
- Warner, Henry T., Chicago, Ill. Barbeque apparatus. 2,046,352; July 7.
- Warner, Homer C., assignor to The Lees-Bradner Company, Cleveland, Ohio. Cutting gears. 2,064,806; Dec. 15.
- Warner, James L., Tulsa, Okla. Violin-piano. 2,044,111; June 16.
- Warner, Jerome, assignor to Warner Jewelry Case Company, Inc., Buffalo, N. Y. Jewelry display box. 2,052,432; Aug. 25.
- Warner Jewelry Case Company. (See Warner, Jerome, assignor.)
- Warner, John C., assignor to General Electric Company, Schenectady, N. Y. Radio signaling apparatus. 2,031,441; Feb. 18.
- Warner, Louis A., Baltimore, Md. Radio navigator. 2,051,974; Aug. 25.
- Warner, Maurice L. (See Roehl, E. A., and Carpenter, and Warner.)
- Warner, Robert L. L., Los Angeles, Calif. Game apparatus. 2,055,566; Sept. 29.
- Warner, Stanley F., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Card game apparatus. 1,043,343; June 9.
- Warner & Swasey Company, The. (See Burrell, Edward P., assignor.)
- Warner & Swasey Company, The. (See Van Hamersveld, John J. N., assignor.)
- Warner, Truly, New York, N. Y. Shoe. 2,047,756; July 14.
- Warner, Wilbur W., Fort Wayne, Ind., assignor to General Electric Company. Refrigerant compressor. 2,060,649; Nov. 10.
- Warner, William R., & Co. (See Breivogel, Philip J., assignor.)
- Warner, William R., & Co. (See Fowle, Irving H., assignor.)
- Warnick, Paul M., and W. H. Scott, assignors to J. L. Berggren, Chicago, Ill. Electric motor. 2,063,773; Dec. 8.
- Warnke, Hans G., assignor to Multi-Hydraulic Welding & Manufacturing Company, Detroit, Mich. Electric welding apparatus. 2,062,849; Dec. 1.
- Warnock, Wallace S., Chicago, Ill. Printing-plate clamp. 2,059,067; Oct. 27.
- Warp Compressing Machine Company. (See Javery, Frank B., and A. J., assignors.)
- Warr, Harold G., Park Ridge, assignor to The P and M Company, Chicago, Ill. Rail anchor. 2,038,015; Apr. 21.
- Warr, William, East Orange, assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Hose. 2,033,559; Mar. 10.
- Warren, Charles E., Minneapolis, Minn., assignor to Contract Carrier Company. River train. 2,055,369; Sept. 22.
- Warren Company, The. (See Warren, Robert M., assignor.)
- Warren, Donald M., West La Fayette, Ind. Playroom. 2,062,735; Dec. 1.
- Warren, Edwin T. (See Ryan, M., and Warren.)
- Warren, George E., Kenmore, and G. F. Haberstro, Jr., Buffalo, N. Y., assignors to Curtiss Aeroplane & Motor Company, Inc. Control lever with switch. 2,049,145; July 28.
- Warren, Glenn B., Schenectady, N. Y., assignor to General Electric Company. Bearing and the like. 2,049,343; July 28.
- Warren, Glenn W. (See Coleman, G. H., and Warren.)
- Warren, Henry E., assignor to Warren Telechron Company, Ashland, Mass. Driving large clock hands. 2,034,498; Mar. 17.
- Warren, Henry E., assignor to Warren Telechron Company, Ashland, Mass. Synchronous motor. 2,034,499; Mar. 17.
- Warren, Henry E., assignor to Warren Telechron Company, Ashland, Mass. Temperature control of motors. 2,036,003; Mar. 31.
- Warren, Henry E., Ashland, Mass., assignor to Warren Telechron Company. Alarm saving clock. 2,036,785; Apr. 7.
- Warren, Henry E., assignor to Warren Telechron Company, Ashland, Mass. Non-self-starting synchronous motor. 2,038,396; Apr. 21.
- Warren, Henry E., Ashland, Mass., assignor to Warren Telechron Company. Oil trap for sealed lubrication chambers. 2,046,982; July 7.
- Warren, James D. N., Kilmacoll, assignor of part interest to George Dobie & Son Limited, Paisley, Scotland. Hermetically sealed tin and like container. 2,062,542; Dec. 1.
- Warren, James W., Hollywood, and R. H. Cobb, Beverly Hills, Calif. Method and apparatus for serving iced drinks. 2,048,041; July 21.
- Warren, Jay F., Detroit, Mich., assignor to The American Rolling Mill Company, Middletown, Ohio. Loading and shipping sheet metal. 2,028,366; Jan. 21.
- Warren, Kenneth W., assignor to Bendix Aviation Corporation, South Bend, Ind. Shock absorbing strut. 2,042,371; May 26.
- Warren, Kenneth W., assignor to Bendix Aviation Corporation, South Bend, Ind. Shock absorber strut. 2,048,418; July 21.



- Warren, Lorrie B., assignor of one-eighth to F. M. Carter, Pampa, Tex. Nondrip nozzle. 2,035,438; Mar. 24.
- Warren Refining and Chemical Company, The. (See Cannon, Edson L., assignor.)
- Warren, Reginald, Reading, assignor to The Pulsometer Engineering Company Limited, Reading, Berks, England. Lockable freewheel transmission mechanism. 2,041,445; May 19.
- Warren, Richard F., Stratford, Conn., assignor to Carbide and Carbon Chemicals Corporation. Phonograph record. 2,028,126; Jan. 14.
- Warren, Robert M., assignor to The Warren Company, Sumter, S. C. Tufting machine. 2,058,047; Oct. 20.
- Warren, S. D., Company. (See Boyer, S., and Parmenter, assignors.)
- Warren Telechron Company. (See Warren, Henry E., assignor.)
- Warren Tool Corporation. (See Lehman, Frederick J., assignor.)
- Warren Webster & Company. (See Serrell, John A., assignor.)
- Warrick, Charles F., assignor to Bender Warrick Corporation, Detroit, Mich. Electrical indicating device. 2,028,263; Jan. 21.
- Warrick, Charles F., Detroit, Mich. Electrical relay system. 2,065,634; Dec. 29.
- Warrick, Dwight L. (See McCollam, C. H., Warrick, and Gotshall.)
- Warton, Adonis H., Hanwell, London, England. Alarm clock electric time switch. 2,058,646; Oct. 27.
- Warwick, Ruby M., San Francisco, Calif. Hair drying apparatus. 2,043,721; June 9.
- Warwood Tool Company. (See Bumgardner, John W., assignor.)
- Wasberg, Axel. (See Moore, A. C., and Wasberg.)
- Wascheck, George, Chappaqua, N. Y., assignor to American Telephone and Telegraph Company. Ground impedance measurement. 2,046,436; July 7.
- Waseen, Charles, Superior, Wis. Combination thread holder, thread cutter, and needle holder. 2,058,536; Oct. 27.
- Waseige, Charles R., Rueil-Malmaison, France, assignor to Eclipse Aviation Corporation, East Orange, N. J. Centrifugal compressor. 2,065,955; Dec. 29.
- Washburn Company, The. (See Andrews, Arthur G., assignor.)
- Washburn, Donald H., Babylon, assignor to Rotor Oil Burner Corporation, New York, N. Y. Oil burner. 2,033,600; Mar. 10.
- Washburn, Donald H., Babylon, assignor to Rotor Oil Burner Corporation, New York, N. Y. Oil burner. 2,058,196; Oct. 20.
- Washburn, Le Ralph A., Chicopee Falls, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic control system. 2,046,712; July 7.
- Washburn, Vern D. (See Graham, F. H., and Washburn.)
- Washburn, Willis F., Metuchen Township, Middlesex County, N. J., and F. L. Kingsbury, St. Louis, Mo., assignors to Titanium Pigment Company, Inc., New York, N. Y. Manufacture of titanium pigments. 2,055,222; Sept. 22.
- Washington Institute of Technology, Inc. (See Davies, Gomer L., assignor.)
- Washington, John, Waco, Tex. Ground working machine. 2,046,046; June 30.
- Washington Leather Goods Co. Inc. (See Rubin, Herbert, assignor.)
- Washington Machinery and Supply Company. (See Rawson, Harry H., assignor.)
- Washington, Matthew W., Dunkirk, N. Y. Shovel. 2,063,774; Dec. 8.
- Wasmer, Charles L., et al. (See Hogue, Henry J., assignor.)
- Wasmer, John C., et al. (See Hogue, Henry J., assignor.)
- Wasmund, Wilhelm, Darmstadt, Germany, assignor to Röhm & Haas Company, Philadelphia, Pa. Removing the size from textiles of all kinds by means of pancreatic amylase. 2,051,507; Aug. 18.
- Wason, Alfred B., Montclair, N. J., assignor to Cooling & Air Conditioning Corporation, Boston, Mass. Air conditioning apparatus. 2,049,146; July 28.
- Wassall, Allen D. (See Daniels, D. C., and Wassall.)
- Wassell, Harold J. H., Chelmsford, England, assignor to Radio Corporation of America. Thermionic oscillation generator. 2,053,787; Sept. 8.
- Wassenaar, Benjamin M., Fulton, Ill. Hog catcher and holder. 2,052,813; Sept. 1.
- Wasserberg, Irving, et al. (See Heilweil, Samuel, assignor.)
- Wasson, Jones I. (See Sloane, R. G., and Wasson.)
- Watanabe, Chikazo, Los Angeles, Calif. Sole. 2,038,972; Apr. 28.
- Watcher, Albert K., Cincinnati, assignor to The Cincinnati Tool Company, Norwood, Ohio. Clamp. 2,061,217; Nov. 17.
- Waterbury Button Company, The. (See Scott, George S., assignor.)
- Waterbury Clock Company, The. (See Kohlhaugen, Walter, assignor.)
- Waterbury Clock Company, The. (See Perry, Rupert C., assignor.)
- Waterbury Clock Company, The. (See Putnam, James R., assignor.)
- Waterbury Farrel Foundry & Machine Company, The. (See Pierson, William D., assignor.)
- Waterbury Farrel Foundry & Machine Company, The. (See Pierson, W. D., and Jackman, assignors.)
- Waterbury, Roland M., Hobart, Okla. Combination weigher, screener, and sacker. 2,045,813; June 30.
- Waterfall, Wallace. (See Munroe, T. B., and Waterfall.)
- Waterfield, James B., Attleboro, Mass. Last. 2,030,615; Feb. 11.
- Waterfill, Robert W. (See Carrier, W. H., and Waterfill.)
- Waterhouse, Harold D., Rochester, N. Y. Clutch mechanism. 2,027,941; Jan. 14.
- Waterhouse, Harold W., assignor to Draper Corporation, Hopedale, Mass. Loom temple. 2,046,280; June 30.
- Water Level Controls Company. (See Hollinshead, William H., assignor.)
- Waterlow & Sons Limited. (See Clifford, Sydney G., assignor.)
- Waterman, Charles N. (See Betterton, J. O., and Waterman.)
- Waterman, Denison R., St. Paul, Minn., assignor to The American Steel and Wire Company of New Jersey. Auxiliary for highway guards. 2,050,027; Aug. 4.
- Waterman, Hein I. (See Oosterhof, D., van Vlodrop, and Waterman.)
- Waterman, Herbert, Wantagh, assignor to Aerovox Corporation, Brooklyn, N. Y. Impregnation. 2,058,846; Oct. 27.
- Waterman, Herbert, Wantagh, assignor to Aerovox Corporation, Brooklyn, N. Y. Electrolyte. 2,062,543; Dec. 1.
- Waterman, L. E., Company. (See Larsen, Gabriel, assignor.)
- Waterman, Logan C., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Electric treating system for emulsions. 2,060,839; Nov. 17.
- Waterman, Max L., Fairfield, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Take-up mechanisms for sewing machines. 2,063,280; Dec. 8.
- Waterman, Robert E. (See Williams, R. R., and Waterman.)
- Waterous, Charles A., Brantford, Ontario, Canada. Magazine grinder. 2,039,572; May 5.
- Waterous, Charles A., Brantford, Ontario, Canada. Magazine grinder. 2,053,505; Sept. 8.
- Waters, Daniel V. (See Bouget, Y. A., and Waters.)
- Waters, Daniel V. (See Crane, E. J., and Waters.)
- Waters, Daniel V. (See Ewaldson, W. C., and Waters.)
- Waters, Harry H., Clinton, Iowa, and R. F. Gagg, Fairlawn, N. J., assignors, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Carbureting apparatus. 2,052,327; Aug. 25.
- Waters, Millard F., assignor to Hanlon-Waters, Inc., Tulsa, Okla. Oil and gas separator. 2,064,962; Dec. 22.
- Waterstrat, Raymond W. (See Stahl, F. E., and Waterstrat.)
- Watertown Manufacturing Company, The. (See Neill, Joseph R., assignor.)
- Waterworth, Robert J., assignor to Prima Manufacturing Company, Inc., Sidney, Ohio. Washing machine. 2,048,306; July 21.
- Waterworth, Robert J., assignor to Prima Mfg. Company, Inc., Sidney, Ohio. Wringer. 2,051,280; Aug. 18.
- Waterworth, Robert J., assignor to Prima Manufacturing Company, Inc., Sidney, Ohio. Ironing machine. 2,063,415; Dec. 8.
- Watkins D. M., Company. (See Jenckes, George W., assignor.)
- Watkins, Edward J., Monrovia, Calif. Color printing attachment for web printing presses. 2,040,226; May 12.
- Watkins, Frederic M. (See Wittkuhns, B. A., and Watkins.)
- Watkins Fruit Machinery Company. (See Watkins, Harold F., assignor.)
- Watkins, George B. (See Ryan, J. D., and Watkins.)
- Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated glass. 2,026,717; Jan. 7.
- Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for the manufacture of safety glass. 2,046,047; June 30.
- Watkins, Harold F., Oakland, assignor to Watkins Fruit Machinery Company, San Francisco, Calif. Fruit juice extracting machine. 2,040,114; May 12.
- Watkins, James R., Niles Center, assignor to Brunt & Company, Chicago, Ill. Container. 2,039,859; May 5.
- Watkins, Parke H., Naugatuck, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Manufacture of rubber films. 2,030,729; Feb. 11.
- Watkins, Thomas H., Cassoday, Kans. Amusement device. 2,058,279; Oct. 20.
- Watling Manufacturing Company. (See Watling, Thomas W. B., assignor.)
- Watling Scale Company. (See Watling, Thomas W. B., assignor.)
- Watling, Thomas W. B., assignor to Watling Scale Company, Chicago, Ill. Coin head for coin controlled devices. 2,031,347; Feb. 18.
- Watling, Thomas W. B., assignor to The Watling Manufacturing Company, Chicago, Ill. Article delivery means for coin-controlled machines. 2,035,853; Mar. 31.



- Watling, Thomas W. B., assignor to Watling Manufacturing Company, Chicago, Ill. Coin controlled apparatus. 2,038,069; Apr. 21.
- Watling, Thomas W. B., assignor to Watling Manufacturing Company, Chicago, Ill. Coin controlling device for coin controlled vending machines. 2,051,158; Aug. 18.
- Watral, Valentine J., Higganum, Conn. Holding device for lamp shade frames. 2,058,847; Oct. 27.
- Watrous, Earl G., Chicago, Ill., L. K. Watrous, executrix of said Earl G. Watrous, deceased. Plumbing apparatus. 2,040,067; May 5.
- Watrous, George S., Jr., Derby, Conn. Combination pot and loading stand. 2,043,456; June 9.
- Watrous, Lawrence K., Shafer, Minn. Apparatus and process for cooling roasted coffee, almonds, cocoa beans, peanuts, etc. 2,045,319; June 23.
- Watrous, Lillian K. (executrix). (See Watrous, Earl G.)
- Watson, Arthur S., Norton, Mass., assignor to General Cable Corporation, New York, N. Y. Insulated electrical conductor. 2,056,130; Sept. 29.
- Watson, Cecilia L., executrix. (See Watson, Chester R.)
- Watson, Charles A. H., Highland Park, and F. E. McKinstler, assignors to McCord Radiator & Mfg. Co., Detroit, Mich. Motor control system. 2,044,034; June 16.
- Watson, Charles E. H., West Dulwich, London, England. Plotting device. 2,042,031; May 26.
- Watson, Charles G., Youngstown, Ohio. Apparatus for dry cleaning. 2,058,278; Oct. 20.
- Watson, Chester R., deceased, by Cecilia L. Watson, executrix, Detroit, Mich. Power transmitting mechanism. 2,064,452; Dec. 15.
- Watson, Claude G. (See Jenkins, Thomas M., assignor.)
- Watson, Claude W., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 2,039,239; Apr. 28.
- Watson, Cornelius B., assignor to The Pure Oil Company, Chicago, Ill. Converting gasoline of low antiknock rating into gasoline of high antiknock rating. 2,032,861; Mar. 3.
- Watson, Cornelius B., assignor to The Pure Oil Company, Chicago, Ill. Desulphurizing and treating naphthas. 2,064,999; Dec. 22.
- Watson, Cornelius B., and C. L. Smith, assignors to The Pure Oil Company, Chicago, Ill. Converting hydrocarbon oils. 2,037,953; Apr. 21.
- Watson, Edgar, Towson, assignor, by mesne assignments, to The Nelson Corporation, Baltimore, Md. Container for heavy bulk materials. 2,036,987; Apr. 7.
- Watson, Edgar, Towson, Md., assignor, by mesne assignments, to The Nelson Corporation, Baltimore, Md. Method and machine for making diagonally corrugated board. 2,042,243; May 26.
- Watson, Edward F., Larchmont, N. Y., assignor to American Telephone and Telegraph Company. Facsimile telegraph system. 2,046,437; July 7.
- Watson, Edward F., Larchmont, N. Y., assignor to American Telephone and Telegraph Company. Teletypewriter system. 2,055,567; Sept. 29.
- Watson, Ernest, Wauwatosa, Wis. Carpet and rug fastener. 2,051,191; Aug. 18.
- Watson, Frederick W., et al. (See Livensparger, Edward W., assignor.)
- Watson, Howard S., San Francisco, Calif., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Transmission gearing. 2,034,319; Mar. 17.
- Watson, James B., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Lubricating system. 2,026,662; Jan. 7.
- Watson, James C., and J. M. Alexander, Vancouver, British Columbia, Canada. Hose supporter. 2,062,077; Nov. 24.
- Watson, James H., Dobbs Ferry, N. Y. Game. 2,032,677; Mar. 3.
- Watson, John D., Appleton, and L. Andersen, Wauwatosa, Wis. Loom lay rebound control mechanism. 2,054,150; Sept. 15.
- Watson, John E., New Rochelle, assignor to Prat-Daniel Corporation, New York, N. Y. Separator. 2,059,673; Nov. 3.
- Watson, John F. (See Hunter, P. V., Watson, and Brazier.)
- Watson, John P., Elsa, Tex. Hydraulic ram apparatus. 2,033,017; Mar. 3.
- Watson, Kenneth, San Francisco, Calif. Multiple-operated emergency valve. 2,038,619; Apr. 28.
- Watson, P. E. (See Blair, W. R., and Watson.)
- Watson, Philip B., New York, N. Y., assignor, by mesne assignments, to American Cyanamid Company. Making urea resin molding powders. 2,030,192; Feb. 11.
- Watson, R. T., Burkett, Tex. Convertible post hole digger. 2,061,218; Nov. 17.
- Watson, Roy A., Ashland, Ohio. Vacuum device. 2,042,372; May 26.
- Watson-Stillman Co., The. (See Davis, Frank L., Jr., assignor.)
- Watson, Talmage E., Arcadia, La. Golf target. 2,043,273; June 9.
- Watson, Welton C. (See Edrington, R. R., and Watson.)
- Watson-Williams Manufacturing Company. (See Spencer, Philip L., assignor.)
- Watt, Anthony M. (See Watt, John V. and A. M.)
- Watt, Elihu D., Plainfield, N. J., assignor to Raymond Concrete Pile Company, New York, N. Y. Forming foundation piles. 2,047,344; July 14.
- Watt, Elihu D., Plainfield, N. J., assignor to Raymond Concrete Pile Company, New York, N. Y. Apparatus for driving pile shells. 2,050,215; Aug. 4.
- Watt, Elihu D., Plainfield, N. J., assignor to Raymond Concrete Pile Company, New York, N. Y. Apparatus for testing the point bearing capacity of a driven pile shell. 2,050,216; Aug. 4.
- Watt, Elihu D., Plainfield, N. J., assignor to Raymond Concrete pile Company, New York, N. Y. Testing the point bearing capacity of a pile shell. 2,050,217; Aug. 4.
- Watt, George T., Bradford, assignor to Pope Machinery Corporation, Haverhill, Mass. Controlling and lubricating mechanism. 2,039,695; May 5.
- Watt, James A., Chicago, Ill. Soap to be used for advertising purposes. 2,051,625; Aug. 18.
- Watt, James B. (See Gaskell, J., and Watt.)
- Watt, James G. (See Watt, Sern P., assignor.)
- Watt, James S. (See Blau, L. W., and Watt.)
- Watt, John V. and A. M., Waterford, N. J. Toy road scraper. 2,031,751; Feb. 25.
- Watt, Sern P., assignor to J. G. Watt, Seattle, Wash. Torque transmitting mechanism. 2,027,798; Jan. 14.
- Watt, Wayne C., Fort Wayne, Ind. Toilet flushing mechanism. 2,046,888; July 7.
- Watt, William E. (See Heaton, H. C., and Watt.)
- Watterson, John D., Eatonton, Ga. Sports stick. 2,033,408; Mar. 10.
- Wattles, Joseph W., 3d, Canton, Mass., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrical control system. 2,065,844; Dec. 29.
- Watts, George W., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Bubble tray construction. 2,052,994; Sept. 1.
- Watts, George W., Whiting, Ind., and W. B. Mathews, assignors to Standard Oil Company, Chicago, Ill. Pipe heater construction. 2,034,362; Mar. 17.
- Watts, Gordon E. (See Rodd, E. H., and Watts.)
- Watts, Noble H., Bridgeport, Conn., assignor to General Electric Company. Clothes washing machine. 2,032,238; Feb. 25.
- Watts, Noble H., Bridgeport, Conn., assignor to General Electric Company. Vacuum cleaner. 2,039,860; May 5.
- Watts, Noble H., Bridgeport, Conn., assignor to General Electric Company. Vacuum cleaner. 2,039,861; May 5.
- Watts, Noble H., Bridgeport, Conn., assignor to General Electric Company. Vacuum cleaner. 2,039,862; May 5.
- Watts, Rhea N., and J. M. Harris, Jr., Baton Rouge, La., assignors to Standard-I. G. Company. Removing wax haze from an oil. 2,033,057; Mar. 3.
- Watts, Richard E., Stamford, England. Driving mechanism for engines, compressors, pumps, and other machines. 2,042,083; May 26.
- Watts, Robert L., Forest Hills, assignor to Lubriplate Corporation, New York, N. Y. Lubricant. 2,043,638; June 9.
- Watts, Roy T. (See Goldbert, M. L., and Watts.)
- Watts, Vilas E., assignor to American Bitumuls Company, San Francisco, Calif. Stable bituminous emulsions and preparing the same. 2,040,115; May 12.
- Watts, W. H. L., et al. (See Harrington, John W., assignor.)
- Watts, William E., and J. W. Lowry, McCammon, Idaho. Stropper. 2,030,338; Feb. 11.
- Watzke, Albin R., El Paso, Tex., assignor to American Smelting and Refining Company, New York, N. Y. Dust trap for sintering machines. 2,051,924; Aug. 25.
- Waugh, Edward H., assignor to Smith Cannery Machines Company, Seattle, Wash. Fish-cleaning wheel. 2,054,576; Sept. 15.
- Waugh, George P. (See Kenyon, W. O., and Waugh.)
- Waugh, Hugh L., Ferndale, assignor to Stran-Steel Corporation, Detroit, Mich. Structural element. 2,029,645; Feb. 4.
- Waugh, Hugh L., Ferndale; G. Buelow, Detroit; and H. W. Buelow, Royal Oak, Mich.; said Waugh assignor to said G. and H. W. Buelow. Structural element. 2,063,714; Dec. 8.
- Waugh, Robert S., Alhambra, and W. Reed, Huntington Park, Calif., assignors, by mesne assignments, to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Landing gear for aeroplanes. 2,039,135; Apr. 28.
- Waukesha Motor Company. (See Fisher, J. B., and Hofmann, assignors.)
- Waukesha Motor Company. (See Melcher, L. W., and Fisher, assignors.)
- Waukesha Motor Company. (See Merriam, Jesse R., assignor.)
- Waxide Paper Company. (See Denebeim, Morton W., assignor.)
- Way, George C., Fairfax, assignor of one-twelfth to J. Utterbach, Madisonville, Ohio, and one-twelfth to W. H. Dees, London, Ky. Oil burner. 2,056,700; Oct. 6.
- Wayland, Edwin M., Coveseville, Va. Washing fruit. 2,045,680; June 30.
- Wayman, Albert J., assignor of one-half to E. H. McClure, East Palestine, Ohio. Ground rod. 2,060,151; Nov. 10.
- Wayman, Charles R., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,054,474; Sept. 15.



- Waymeyer, Henry, Fort Perry, Ky., assignor to The Williamson Heater Company, Cincinnati, Ohio. Casing joint. 2,041,037; May 19.
- Wayne Company. (See Dempsey, R. A., and Halkenhauser.)
- Wayne Iron Works. (See Robinson, Hanson, Jr., assignor.)
- Wayne Iron Works. (See Wetzel, Charles H., assignor.)
- Wayne, Thomas B., assignor, by mesne assignments, to Emma B. Blanchette, St. Paul, Minn. Extendible garment support. 2,039,758; May 5.
- Wayne, Truman B., Houston, Tex. Breaking and resolving of emulsions of oil and water. 2,050,639; Aug. 11.
- Wayne, Truman B., Houston, Tex. Breaking emulsions of oil and water. 2,050,640; Aug. 11.
- Wayside Gardens Company, The. (See Grullemans, John J., assignor.)
- Wazau, Georg, Berlin, Germany, assignor to Baldwin-Southwark Corporation. Pendulum type material testing apparatus. 2,033,964; Mar. 17.
- Weale, Alfred, Heswall, England, assignor, by mesne assignments, to Remington Arms Company, Inc., Bridgeport, Conn. Priming composition. 2,065,929; Dec. 29.
- Wean Engineering Company, The. (See Evans, Archibald D., assignor.)
- Wean Engineering Company, The. (See Wean, Raymond J., assignor.)
- Wean, Raymond J. (See McClure, Robert E., assignor.)
- Wean, Raymond J., Warren, Ohio. Annealing. 2,040,679; May 12.
- Wean, Raymond J., assignor to The Wean Engineering Company, Incorporated, Warren, Ohio. Manufacturing sheets. 2,035,252; Mar. 24.
- Wean, Raymond J., assignor to The Wean Engineering Company, Inc., Warren, Ohio. Coated sheet metal and making the same. 2,036,615; Apr. 7.
- Weatherall, Ernest, London, England. Device for scoring in games such as bridge. 2,047,301; July 14.
- Weatherby, Benjamin B., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Surveying underground structures. 2,049,236; July 28.
- Weatherby, Benjamin B., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Making sub-surface determinations. 2,062,151; Nov. 24.
- Weatherhead, Albert J. Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Compression fitting. 2,059,920; Nov. 3.
- Weatherhead, Charles B., Denver, Colo. Brush. 2,036,449; Apr. 7.
- Weatherhead Company, The. (See Baldwin, John D., Jr., assignor.)
- Weatherhead Company, The. (See Weatherhead, Albert J., Jr., assignor.)
- Weathers, Warren F., Detroit, Mich., assignor to Magnador Mfg. Co. Door operating mechanism. 2,052,911; Sept. 1.
- Weathershields Limited. (See Bishop, William H., assignor.)
- Weaver, Carrie J., executrix. (See Weaver, William B.)
- Weaver, Earl L., assignor to Goshen Manufacturing Company, Goshen, Ind. Canopy frame for swings. 2,041,503; May 19.
- Weaver, Eastman A., Cambridge, assignors, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electrical condenser. 2,049,553; Aug. 4.
- Weaver, George B., Fredonia, N. Y. Display rack for seed packages and the like. 2,065,845; Dec. 29.
- Weaver, Harriett E., Yonkers, N. Y. Hot water bag cover and stand. 2,031,197; Feb. 18.
- Weaver, Harrison J., Columbus, Ohio. Nasal respirator. 2,055,855; Sept. 29.
- Weaver, Harrison J., assignor to The Nasal Filter Co., Columbus, Ohio. Nasal filter. 2,046,664; July 7.
- Weaver, Ida S., administratrix. (See Weaver, Victor M.)
- Weaver, John F., Dallas, Tex. Apparatus for removing noncondensable gases from refrigerating systems. 2,032,158; Feb. 25.
- Weaver, Leo L., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,053,645; Sept. 8.
- Weaver, Leo L., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical conductor. 2,060,913; Nov. 17.
- Weaver, Leo L., Cranford, and C. A. Webber, Westfield, N. J., said Weaver assignor to Western Electric Company, Inc., and said Webber assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical conductor. 2,060,914; Nov. 17.
- Weaver, Stuart M., and R. E. Neils, Monroe, Mich. Turbine sewer cleaner. 2,062,850; Dec. 1.
- Weaver, Victor M., deceased, I. S. Weaver, administratrix of V. M. Weaver, Niagara Falls, N. Y. Producing aluminum. 2,062,340; Dec. 1.
- Weaver, Walter A., Birmingham, Ala., assignor to The Barrett Company, New York, N. Y. Flashing assembly. 2,057,462; Oct. 13.
- Weaver, William B., deceased, by C. J. Weaver, Birmingham, Ala., executrix. Apparatus for casting brake shoes centrifugally. 2,052,043; Aug. 25.
- Weaver, William R., Fort Thomas, Ky. Rifle telescope sight. 2,064,329; Dec. 15.
- Weaving Machines Company. (See Villa, J. I., and MacEwan, assignors.)
- Web, Lucile E., Lakeland, Fla. Aircraft game. 2,042,645; June 2.
- Webb, Arthur B., Milwaukee, Wis. Torque transmission mechanism. 2,052,152; Aug. 25.
- Webb, Christopher F. (See Black, H. D., and Webb.)
- Webb, Christopher F., Kenton, assignor to Bell Punch Company, Limited, London, England. Ticket printing and issuing machine. 2,026,763; Jan. 7.
- Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Running gear for railway cars. 2,029,749; Feb. 4.
- Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Car truck. 2,031,805; Feb. 25.
- Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Freight car truck with coil-elliptic springs. 2,032,604; Mar. 3.
- Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Rubber snubber spring. 2,039,759; May 5.
- Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Spring friction device. 2,059,503; Nov. 3.
- Webb, Ernest C., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Burner for anthracite coal. 2,039,042; Apr. 28.
- Webb, George, West Hartford, Conn., assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Dishwashing machine. 2,051,233; Aug. 18.
- Webb, Holstein W., Columbus, Ohio. Lawn sprinkler. 2,027,567; Jan. 14.
- Webb, John B., Dobbs Ferry, assignor to Anaconda Wire & Cable Company, New York, N. Y. Repair sleeve for damaged wires and cables. 2,052,958; Sept. 1.
- Webb, John K. (See Scott, T. R., and Webb.)
- Webb, Keith S. (See Parkin, T. D., and Webb.)
- Webb, Nelson W., assignor to Eastwood-Nealley Corporation, Belleville, N. J. Wire-cloth seam and making same. 2,030,616; Feb. 11.
- Webber, Carroll A. (See Weaver, L. L., and Webber.)
- Webber, Charles S., Springfield, and E. A. Wilson, Longmeadow, assignors to The Fiberloid Corporation, Indian Orchard, Mass. Composition. 2,046,281; June 30.
- Webber, Clare W., Cedar Rapids, Iowa. Float. 2,051,281; Aug. 18.
- Webber, Harriett A., Coronado, Calif. Knitting needle stitch holder. 2,029,005; Jan. 28.
- Webber, James A., Chester, assignor to The Viscose Company, Marcus Hook, Pa. Random skein dyeing. 2,043,870; June 9.
- Webber, John D., Bayonne, N. J., assignor to Cemco Engineering and Manufacturing Corporation, New York, N. Y. Container opening device. 2,046,309; June 30.
- Webber, Owen T., London, England. Sink and draining board, particularly for domestic use. 2,029,802; Feb. 4.
- Webber, Owen T., London, England. Sink, draining board, table top and the like, manufactured of metal. 2,057,405; Oct. 13.
- Webber, Ray R., assignor of one-half to H. W. Grunwald, Cleveland, Ohio. Vehicle. 2,048,579; July 21.
- Webber, Ray R., assignor of one-third to W. Sullivan, Cleveland, Ohio. Vehicle. 2,048,580; July 21.
- Webber, Thomas M., assignor to A. P. Ball, Detroit, Mich. Folding table. 2,044,235; June 16.
- Weber, Alphons, Syracuse, N. Y. Adjustable handle. 2,031,442; Feb. 18.
- Weber, Carl M., Rochester, N. Y. Portable projecting and sound reproducing apparatus. 2,051,661; Aug. 18.
- Weber, Charles H., Newark, assignor to J. E. Peterson, Irvington, N. J. Tenter clip. 2,065,913; Dec. 29.
- Weber, Charles H., Bloomfield, assignor to J. E. Peterson, Irvington, N. J. Cloth tentering machine. 2,065,914; Dec. 29.
- Weber, Christof, Los Angeles, Calif. Slug ejector for coin operated machines. 2,050,678; Aug. 11.
- Weber Costello Co. (See Lawton, Robert B., assignor.)
- Weber, Don A., assignor to The Deister Concentrator Company, Fort Wayne, Ind. Apparatus for feeding liquid. 2,039,573; May 5.
- Weber, Eugene H., assignor to The Gates Rubber Company, Denver, Colo. Side driving belt. 2,037,954; Apr. 21.
- Weber, Friedrich A., Duisburg, Germany. Chamber or tower filled with filling material. 2,055,162; Sept. 22.
- Weber, George G., and J. Merryweather, Greencastle, Ind. Harvester thresher canvas. 2,031,021; Feb. 18.
- Weber, Guillaume, Hayange, assignor to Les Petits-Fils de Francois de Wendel & Cie., Paris, France. Blasting cartridge. 2,043,565; June 9.
- Weber, Harold C., Milton, Mass., assignor to Universal Oil Products Company, Chicago, Ill. Storage of gasoline. 2,029,748; Feb. 4.
- Weber, Henry, Oakland, Calif. Brake testing and adjusting device. 2,057,220; Oct. 13.
- Weber, Herbert, Los Angeles, Calif., and R. J. Pierce, Grant's Pass, Oreg., said Weber assignor to said Pierce. Pack board. 2,050,822; Aug. 11.
- Weber, Herman W., Richmond Heights, assignor to Laclede Stoker Company, St. Louis, Mo. Fastening device for manhole covers. 2,057,866; Oct. 20.
- Weber, Jacobus L. W., Leens, Netherlands. Internal combustion engine. 2,040,453; May 12.
- Weber, John. (See Fabrey, W. H., and Weber.)
- Weber, John, assignor to Alpine Electric Corporation, Schenectady, N. Y. Receptacle. 2,058,745; Oct. 27.
- Weber, John H., Elrosa, Minn. Device for opening sealed containers and dispensing the contents thereof. 2,038,775; Apr. 28.



- Weber, Karl A., Los Angeles, Calif. Glass edging machine. 2,038,150; Apr. 21.
- Weber, Karl A., Los Angeles, Calif. Glass grinding machine. 2,057,174; Oct. 13.
- Weber, Lewis F., New Rochelle, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for splitting leather. 2,036,376; Apr. 7.
- Weber Lifelike Fly Co. (See Weber, Oscar L., assignor.)
- Weber, Louis F., Worcester, Mass. Card dealing device. 2,044,266; June 16.
- Weber, Louis N., assignor to Appleton Wire Works, Inc., Appleton, Wis. Wire cloth. 2,062,773; Dec. 1.
- Weber, Mathias J., and R. E. Vanderhoff, assignors, by mesne assignments, to Continental Scale Works, Chicago, Ill. Weighing mechanism. 2,056,546; Oct. 6.
- Weber, Oscar L., assignor to Weber Lifelike Fly Co., Stevens Point, Wis. Line transfer box. 2,048,307; July 21.
- Weber, Otto, Bornum, and A. Oppermann, Konigsdahlum, Germany, assignors to Gummi-Tank A.-G., Rubber-Tank Ltd., Glarus, Switzerland. Bag sewing apparatus. 2,051,117; Aug. 18.
- Weber, Otto, Bornum, and A. Oppermann, Konigsdahlum, Germany, assignors to Gummi-Tank A.-G., Rubber-Tank Ltd., Glarus, Switzerland. Bag sewing machine. 2,051,118; Aug. 18.
- Weber, Paul, Berlin-Treptow, Germany. Heating apparatus employing catalytic combustion. 2,042,690; June 2.
- Weber, Peter H., Milwaukee, Wis. Extension table for kitchen cabinets. 2,054,843; Sept. 22.
- Weber, Rudolph, assignor to Philadelphia Metal Drying Form Company, Philadelphia, Pa. Hosiery drying form. 2,027,712; Jan. 14.
- Weber, Victor, assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Circulating fan. 2,056,547; Oct. 6.
- Weber, Victor, assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Centrifugal switch mechanism. 2,062,736; Dec. 1.
- Weber, Vincent H. (See Leis, A. F., and Weber.)
- Weber, Walter C., assignor to Corning Glass Works, Corning, N. Y. Shearing mechanism. 2,032,075; Feb. 25.
- Weber, Walter H., assignor to Detroit Lubrication Company, Detroit, Mich. Carburetor. 2,061,494; Nov. 17.
- Weber, Walter H., assignor to Detroit Lubrication Company, Detroit, Mich. Carburetor. 2,062,260; Nov. 24.
- Weber, William C., Larchmont, assignor to The Dorr Company, Inc., New York, N. Y. Sedimentation apparatus. 2,033,213; Mar. 10.
- Weber, William C., Larchmont, R. W. Shafer, New York, N. Y., and E. J. Roberts, Westport, Conn., assignors to The Door Company, Inc., New York, N. Y. Preparation of phosphoric acid. 2,049,032; July 28.
- Weber, William F., assignor to Ace Fastener Corporation, Chicago, Ill. Stapling machine. 2,033,018; Mar. 3.
- Webster, Duane E., assignor to Norton Company, Worcester, Mass. Grinding wheel. 2,027,132; Jan. 7.
- Webster, Duane E., assignor to Norton Company, Worcester, Mass. Cutting-off abrasive wheel. 2,036,903; Apr. 7.
- Webster, Duane E., assignor to Norton Company, Worcester, Mass. Making rubber bonded abrasive articles. 2,044,962; June 23.
- Webster, Duane E., assignor to Norton Company, Worcester, Mass. Abrasive article. 2,043,905; July 28.
- Webster, Earl F. (See Webster, Edwin A., assignor.)
- Webster, Edwin A., Atkinson, assignor of one-half to E. F. Webster, Newton, N. H. Wood heel grooving machine. 2,036,904; Apr. 7.
- Webster Electric Company. (See Kleckner, A. C., and Fellows, assignors.)
- Webster Electric Company. (See Wlechers, Benton T., assignor.)
- Webster Engineering Company. (See Day, Luther F., assignor.)
- Webster, Hosea, Montclair, N. J., and L. W. Heller, New York, N. Y., assignors to The Babcock & Wilcox Company, Newark, N. J. Mechanical stoker. 2,057,662; Oct. 13.
- Webster, Jesse F., Portland, Oreg. Animal food processing machine. 2,044,376; June 16.
- Webster, John E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Hoisting apparatus. 2,030,128; Feb. 11.
- Webster, Leslie S., New York, N. Y. Lighting fixture. 2,054,457; Sept. 15.
- Webster, Lewis E., Wilkes-Barre, Pa. Shovel. 2,057,256; Oct. 13.
- Webster, Lewis E., Wilkes-Barre, Pa. Shovel or the like. 2,060,707; Nov. 10.
- Webster Manufacturing Company, The. (See Lang, William H., assignor.)
- Webster, Ralph W., London, England. Mounting of thermographs on sterilizers. 2,042,032; May 26.
- Webster, Warren, & Company. (See Brooks, Samuel M., assignor.)
- Webster, Warren, & Company. (See Marshall, Harold F., assignor.)
- Webster, Warren, & Company. (See Rohlin, Karl W., assignor.)
- Webster, Warren, & Company. (See Schlafman, Clifford J., assignor.)
- Webster, Warren E. (See Hott, I. von K., and Webster.)
- Webster, William H., Grimsby, England. Float for fishing nets and the like. 2,049,789; Aug. 4.
- Webster, William R., Fredericksburg, Va. Plant marker. 2,048,906; July 28.
- Wechsberg, Anna M. C., trustees et al. (See Coppus, Frans H. C., assignor.)
- Weckerly, Mark A., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,029,903; Feb. 4.
- Weckerly, Mark A., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Concrete aggregate testing device. 2,043,457; June 9.
- Weckerly, Mark A., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Photoelectric device. 2,049,283; July 28.
- Weckstein, Samson M., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing seal. 2,059,068; Oct. 27.
- Weco Manufacturing Company. (See Brooks, Lester M., assignor.)
- Weco Products Company. (See Teller, W. Kedzie, assignor.)
- Wedel, Reinhold. (See Steenbeck, M., and Wedel.)
- Weder, Hermann, Sr. (See Wolff, C. H., and Weder.)
- Wedge, Fred D. (See Dawson, G. H., and Wedge.)
- Wedge, Robert C., Albert Lea, Minn. Wrapping machine. 2,048,042; July 21.
- Wedger, Walter H., Belmont, assignor to Boston Blacking & Chemical Co., Boston, Mass. Temporarily protecting surfaces of shoe parts. 2,049,554; Aug. 4.
- Wedger, Walter H., Belmont, assignor to Boston Blacking & Chemical Co., Boston, Mass. Manufacture of shoes. 2,061,296; Nov. 17.
- Wedger, Walter H., Belmont, assignor to Boston Blacking & Chemical Co., Boston, Mass. Shoe and making same. 2,061,297; Nov. 17.
- Wedlake, Fred R., and H. Hart, Eveleth, Minn. Latching and righting mechanism for dump cars. 2,029,006; Jan. 28.
- Wedlock, Albert W. H., Leyton, London, England. Manufacture of an improved vitreous material. 2,032,239; Feb. 25.
- Weeber, Otto. (See Lelfer, G., and Weeber.)
- Weed, Charles F., East Douglas, Mass. Folding table. 2,042,326; May 26.
- Weed, Joseph L. (See Suddoth, Frank E., assignor.)
- Weeden Manufacturing Corporation. (See Ritchie, W. B., and Delano, assignors.)
- Weeks, Edward A., Richmond Hill, and M. B. Bradt, Brooklyn, assignors to Pyro Products Corporation, Brooklyn, N. Y. Apparatus for coating electric conductors. 2,034,546; Mar. 17.
- Weeks, Ernest A., assignor to Root Spring Scraper Company, Kalamazoo, Mich. Road scraper and road scraper attachment for trucks. 2,062,544; Dec. 1.
- Weeks, Francis H. and R. B., New York, N. Y. Clam shell bucket. 2,027,409; Jan. 14.
- Weeks, Richard B. (See Weeks, Francis H. and R. B.)
- Weeks, Robert W., Beechhurst, assignor to Art Crayon Company, Brooklyn, N. Y. Toy. 2,036,662; Apr. 7.
- Weeks, Scott N., Melrose, Mass. Oar lock. 2,048,762; July 28.
- Weeks, Shirley S., Providence, R. I. Combustion control means. 2,027,942; Jan. 14.
- Weeks, Shirley S., Providence, R. I. Pressure-actuated control apparatus. 2,053,885; Sept. 8.
- Weeks, Walter R., Paris, France. Corset steel. 2,048,238; July 21.
- Weeks, Walter R., Hamden, Conn., assignor to The Seamless Rubber Company, Incorporated, New Haven, Conn. Control switches for electric appliances. 2,035,035; Mar. 24.
- Weeks, William, Chicago, Ill. Rotary explosive engine. 2,040,036; May 5.
- Weems, Philip V. H., and R. Henrich, San Diego, Calif. Drift and ground speed meter. 2,049,096; July 28.
- Weenink, Petrus Reinier. (See Wiegand, Josef A., assignor.)
- Wege, Peter M., East Grand Rapids, assignor to Metal Office Furniture Company, Grand Rapids, Mich. Sheet metal shelving. 2,065,296; Dec. 22.
- Wegener, Albert B., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door structure. 2,060,708; Nov. 10.
- Wegener, Erwin S., Freeland, Mich. Traveling agitator mechanism. 2,032,678; Mar. 3.
- Weger, Martin. (See Eichert, Ernst, assignor.)
- Weglein, Louis, Jr., Philadelphia, Pa. Engine starting device. 2,052,007; Aug. 25.
- Wegmann, Alfred. (See Schober, A., and Wegmann.)
- Wegner, Fred C., U. S. Navy. Stud screw wrench. 2,043,274; June 9.
- Wehner, David E., Allison Park, Pa. Air sterilizing and conditioning apparatus. 2,047,844; July 14.
- Wehner, Heinz, assignor to Amity Leather Products Co., West Bend, Wis. Center expanding pocket. 2,029,686; Feb. 4.
- Wehnert, Waldemar. (See Prinz, D., and Wehnert.)
- Wehrle Company, The. (See Pickup, George E., assignor.)
- Wehrle-Werk Aktiengesellschaft. (See de Fontaine, Theodor, assignor.)
- Weiant, Warren S., Jr., Newark, Ohio. Soap dish. 2,044,520; June 16.
- Weibel, Alexander R., Aliquippa, assignor to Jones & Loughlin Steel Corporation, Pittsburgh, Pa. Doubler. 2,027,713; Jan. 14.



- Weibel, Alexander R., and W. Jones, Alliquippa, assignors to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Tin pot feeder. 2,028,306; Jan. 21.
- Weible, Carl, Schorndorf, Germany. Key-ring. 2,055,163; Sept. 22.
- Weible, Eddie J., Hillsboro, N. Dak. Variable pitch windmill. 2,043,136; June 2.
- Weible, Eddie J., Hillsboro, N. Dak. Generator propeller. 2,043,402; June 9.
- Weich, Wilhelm, New York, N. Y. Electric plug. 2,034,966; Mar. 24.
- Weichardt, Rudolf, assignor to Krafft & Weichardt, Bremen, Germany. Landing sail for aircraft. 2,047,604; July 14.
- Weiche, Walter. (See Begun, S., and Weiche.)
- Weick, Fred E., Langley Field, Va. Split flap. 2,043,275; June 9.
- Weick, Fred E., and J. A. Shortal, Hampton, Va. Lateral control for airplanes. 2,034,218; Mar. 17.
- Weick, Fred E., and M. J. Bamber, Hampton, Va. Airplane wing. 2,036,905; Apr. 7.
- Weidauer, Curtis, assignor to Samuel Briskman, New York, N. Y. Pinking shears. 2,050,870; Aug. 11.
- Weidenbacker, Russell A., Haverford, Pa. Edge type oil filter. 2,053,856; Sept. 8.
- Weidenbacker, Russell A., Haverford, Pa. Floating mounting. 2,057,507; Oct. 13.
- Weidenhoff, Joseph, Inc. (See Harris, Vernon J., assignor.)
- Weidenhoff, Joseph, Inc. (See Haskins, Butler J., assignor.)
- Weidenhoff, Joseph, Inc. (See Haskins, B. J., and Reitherman, assignors.)
- Weidenman, William T., Baldwin, assignor to Telephonics Corporation, New York, N. Y. Thumb switch. 2,066,022; Dec. 29.
- Weiden, Elizabeth, heirs, et al. (See Schirmacher, Karl.)
- Weidhorn, Isidore A., Lynbrook, N. Y. Belt buckle. 2,065,202; Dec. 22.
- Weidner, Clarence W. (See Stone, S., and Weidner.)
- Weidner, Ernest E., assignor to The H. B. Ives Co., New Haven, Conn. Casement window adjuster. 2,049,726; Aug. 4.
- Weiertz, Axel H. and P. A. R., Landskrona, Sweden. Charge forming device for internal combustion engines. 2,044,412; June 16.
- Weiertz, Per A. R. (See Weiertz, Axel H. and P. A. R.)
- Weigand, Sylvester A. (See Bolton, J. W., and Weigand.)
- Weigel, Melvin P., East St. Louis, Ill., assignor to Aluminum Company of America, Pittsburgh, Pa. Method and apparatus for continuous digestion. 2,056,993; Oct. 13.
- Weigel, Walter, Chemnitz, Germany. Talking machine. 2,056,378; Oct. 6.
- Weigele, Albert E., East Orange, N. J., assignor to National Pneumatic Company, New York, N. Y. Antirattler door guide. 2,026,955; Jan. 7.
- Weiger, Joseph A., assignor to P. R. Mallory & Co., Incorporated, Indianapolis, Ind. Electrical make-and-break contact. 2,037,446; Apr. 14.
- Weightman, Hugh E., and N. Roach, assignors to The Cleveland Brass Manufacturing Company, Cleveland, Ohio. Centrifugal pump. 2,046,226; June 30.
- Weightman, William A., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Jig. 2,030,339; Feb. 11.
- Weihe, Adolf, assignor to Deutsche Celluloid-Fabrik, Eilenburg in Sachsen, Germany. Manufacture of films. 2,037,292; Apr. 14.
- Weihe, Frederick A., Jr., assignor to McAleer Manufacturing Company, Detroit, Mich. Manufacturing glycols. 2,047,811; July 14.
- Weiber, George F., assignor to General Motors Corporation, Dayton, Ohio. Seal for refrigerating apparatus. 2,048,581; July 21.
- Weijlard, John. (See Engles, W. H., and Weijlard.)
- Weikert, Martin L. (See Kearns, T. H., and Weikert.)
- Well, Maximilian, New York, N. Y. Sound distributing and amplifying device. 2,035,108; Mar. 24.
- Weiland, Alfred, Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Air conditioning apparatus. 2,047,169; July 7.
- Weiland, Alfred, Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Cushion support. 2,052,589; Sept. 1.
- Weiland, Alfred, Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Air conditioning apparatus. 2,054,350; Sept. 15.
- Weiland, Alfred, Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Detecting refrigerant leaks. 2,062,435; Dec. 1.
- Weiland, Edward W., Rochester, N. Y. Stair tread mat. 2,064,134; Dec. 15.
- Weiland, Harry M., Woodmere, and J. N. Furman, Brooklyn, N. Y. Combination chin strap and hair cap. 2,044,521; June 16.
- Weiland, Henry J., South Milwaukee, and W. Dettwyler, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of anthrimide carbazole dyestuffs of the anthraquinone-acridone series. 2,036,663; Apr. 7.
- Weiland, Henry J., and O. Stallmann, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of ortho-nitroanisole. 2,038,620; Apr. 28.
- Weiland, Henry J., South Milwaukee, and M. A. Pahl, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Trisopropyl-naphthalene-beta-sulphonic acid compounds and preparing them. 2,063,416; Dec. 8.
- Weiland, John F., and J. Wachstein, Pittsburgh, Pa. Stove pad. 2,054,687; Sept. 15.
- Weiller, Paul G., Bloomfield, N. J., assignor of twenty-five per cent to Radio Patents Corporation, New York, N. Y. Glow discharge tube. 2,038,397; Apr. 21.
- Weinacker, Hermann. (See Dieterich, F. A., and Weinacker.)
- Weinand, Klaus. (See Zahn, K. Koch, and Weinand.)
- Weinand, Klaus, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Anthrapyridone sulphonic acids and making them. 2,029,007; Jan. 28.
- Weinand, Klaus, Leverkusen-L. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Anthrapyrimidone sulphonic acids and preparing the same. 2,056,548; Oct. 6.
- Weinand, Klaus, and E. Kalckbrenner, Leverkusen I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the anthraquinone series. 2,027,658; Jan. 14.
- Weinberg, Morris, assignor of one-half to S. Cohen, New York, N. Y. Speed control device. 2,056,549; Oct. 6.
- Weinberg, Leon W., Philadelphia, Pa., assignor to Celanese Corporation of America. Mixed textile fabric. 2,059,422; Nov. 3.
- Weinbrenner, Jules, Thann, France. Lap forming apparatus. 2,032,076; Feb. 25.
- Weinbrenner, Jules, Thann, France. Lap-forming apparatus. 2,058,848; Oct. 27.
- Weindel, Fred, Jr., assignor to L. F. Grammes & Sons, Inc., Allentown, Pa. Emblem. 2,042,416; May 26.
- Weindel, Fred, Jr., and W. F. Price, assignors to L. F. Grammes & Sons, Inc., Allentown, Pa. Printing and embossing die. 2,054,688; Sept. 15.
- Weiner, Leo, assignor to Detroit Hardware Manufacturing Co., Detroit, Mich. Window regulator. 2,050,403; Aug. 11.
- Weiner, Rudolph S., Chicago, Ill., assignor to Sullivan Machinery Company, Caissou. 2,051,926; Aug. 25.
- Weinert, Carl R., Pittsburgh, Pa., assignor, by mesne assignments, to The Timken Roller Bearing Company, Canton, Ohio. Signaling device. 2,065,635; Dec. 29.
- Weinert, Hellmut. (See Bingel, R., and Weinert.)
- Weinerth, George S., et al. (See Berstler, Carl E., assignor.)
- Weinerth, George S., Reading, Pa. Measuring device for textile machines. 2,035,006; Mar. 24.
- Weingartner, Frank A., Philadelphia, Pa. Transmission gearing. 2,026,924; Jan. 7.
- Weinhart, Howard W. (See Johnson, J. B., and Weinhardt.)
- Weinig Made-Rite Company. (See Murasco, Joseph, assignor.)
- Weinman, William N., Columbus, Ohio. Pump packing. 2,037,293; Apr. 14.
- Weinmann, Curt, and F. L. MacDonough, Brooklyn, N. Y. Auxiliary air inlet. 2,033,019; Mar. 3.
- Weinmann, Jacques, (deceased), by J. Weinmann, executrix, Zurich, Switzerland. Caster. 2,051,627; Aug. 18.
- Weinmann, Jeanne, executrix. (See Weinmann, Jacques.)
- Weinmayr, Viktor M. (See Tinker, J. M., and Weinmayr.)
- Weinreich, George, Oakville, and R. H. Nickel, St. Louis, Mo. Power transmission. 2,044,599; June 16.
- Weinreich, George F. (See Pratt, B., and Weinreich.)
- Weinschenker, Gustave, Blairsville, Pa. Metallic packing. 2,033,796; Mar. 10.
- Weinstein, Abraham, Allston, Mass. Flashing. 2,027,134; Jan. 7.
- Weinstein, Abraham S., Brighton, Mass. Flashing. 2,027,133; Jan. 7.
- Weinstein, Joseph, Brooklyn, N. Y. Amplifying stethoscope. 2,035,034; Mar. 24.
- Weintraub, Moses, Brooklyn, N. Y. Identification seal. 2,046,713; July 7.
- Weir, Horace M., assignor to The Atlantic Refining Company, Philadelphia, Pa. Fluid contacting apparatus. 2,027,410; Jan. 14.
- Weir, Horace M., assignor to The Atlantic Refining Company, Philadelphia, Pa. Controlling the decolorizing of hydrocarbon oils. 2,047,985; July 21.
- Weirauch, August F., Milwaukee, Wis. Sink support. 2,029,089; Jan. 28.
- Weirauch, Bruno, assignor to Herbert Kricheldorf & Brüser, Maschinenfabrik, Brunswick, Germany. Fruit dicing machine. 2,062,689; Dec. 1.
- Weis, Charles L., Jr., Long Island City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier wave system. 2,038,202; Apr. 21.
- Weis, George H. (See Betterton, J. O., and Weis.)
- Weis, Henry T., New York, N. Y., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 2,052,912; Sept. 1.
- Weis, Joseph H., Scranton, Pa., assignor to Feldspathic Research Corporation, New York, N. Y. Treatment of syenites. 2,047,345; July 14.
- Weis, Joseph H., Scranton, Pa., assignor to Feldspathic Research Corporation, New York, N. Y. Apparatus for magnetic separation. 2,062,545; Dec. 1.
- Weis, Richard. (See Hirth, H., and Weis.)



- Weisbaum, Jack, Cincinnati, Ohio. Necktie. 2,051,322; Aug. 13.
- Weisberg, George, Allentown, Pa. Collar and cuff pressing machine. 2,041,581; May 19.
- Weisberg & Greenwald, Inc. (See Weisberg, L., and Stoddard, Jr., assignors.)
- Weisberg, Louis, and W. B. Stoddard, Jr., assignors to Weisberg & Greenwald, Inc., New York, N. Y. Electrodeposition of metals. 2,026,718; Jan. 7.
- Weisbrod, Carl C., assignor to One Minute Washer Company, Newton, Iowa. Clutch structure. 2,027,659; Jan. 14.
- Weise, C. W., Giddings, Tex. Nut-pick. 2,063,136; Dec. 8.
- Weise, Kurt R., University Heights, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Automatic lift. 2,035,355; Mar. 24.
- Weisel, Edward A., Newark, N. J. Handling and displaying food products. 2,026,764; Jan. 7.
- Weisenburg, Andrew, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Clutch plate. 2,054,210; Sept. 15.
- Weiser, Hanley H. (See Deitz, L. S., Jr., and Weiser.)
- Weiskopf, Walter H., New Rochelle, and J. W. Pickworth, Bronxville, N. Y. Structural beam. 2,058,537; Oct. 27.
- Weisman, Harry, New York, N. Y. Clothing. 2,032,031; Feb. 25.
- Weismüller, Friedrich, Saarbrücken, Germany. Sylvicultural machine. 2,027,502; Jan. 14.
- Weisner, Harry, Philadelphia, Pa. Seam pressing machine. 2,049,033; July 28.
- Weiss, Abraham, assignor to J. Weiss, New York, N. Y. Automatically controlled brake for motor vehicles. 2,059,069; Oct. 27.
- Weiss, Adolph, Brooklyn, N. Y. Rotary intaglio printing. 2,055,272; Sept. 22.
- Weiss, Adolph, Brooklyn, N. Y. Doctor knife maintaining mechanism for printing presses. 2,060,600; Nov. 10.
- Weiss, Albert J. (See Lewis, R. R., and Weiss.)
- Weiss, Arthur J., St. Albans, N. Y., assignor to Robert Gair Company, Inc., New York, N. Y. Knockdown dual display container. 2,027,079; Jan. 7.
- Weiss, Arthur J., St. Albans, assignor to Robert Gair Company, Inc., New York, N. Y. Knock-down polygonal webbed end-closing container. 2,031,806; Feb. 25.
- Weiss, Arthur J., St. Albans, assignor to Robert Gair Company, Inc., New York, N. Y. Knock-down display receptacle. 2,044,035; June 16.
- Weiss, Arthur J., Englewood, N. J., assignor to Robert Gair Company, Inc., New York, N. Y. Knock-down interlocking carton closure. 2,053,857; Sept. 8.
- Weiss, Barrie, et al. (See Millne, Samuel, assignor.)
- Weiss, Carl W., Brooklyn, N. Y. Universal joint. 2,055,421; Sept. 22.
- Weiss, Carl W., Brooklyn, N. Y. Transmission. 2,059,423; Nov. 3.
- Weiss and Downs, Inc. (See Downs, Charles R., assignor.)
- Weiss and Downs, Inc. (See Downs C. R., and Weiss, assignors.)
- Weiss, Edmund E., Ventnor City, N. J. Audible mechanical toy. 2,038,460; Apr. 21.
- Weiss, Ernst, Nuremberg, Germany. Movement for kicking dolls. 2,030,486; Feb. 11.
- Weiss, Garland F., Texarkana, Ark., assignor to American Telephone and Telegraph Company. Whistle. 2,053,982; Sept. 8.
- Weiss, George, and A. Avallone, New Rochelle, N. Y. Automobile bus. 2,046,859; July 7.
- Weiss, Herman, Pelham Manor, and A. Polson, Beechhurst, N. Y. Check device for fire doors. 2,039,468; May 5.
- Weiss, Joe. (See Weiss, Abraham, assignor.)
- Weiss, Joseph, Hutchinson, Kans. Supporting bracket. 2,059,921; Nov. 3.
- Weiss, Joseph D. (See Goldberger, N. S., Weiss, and Gress.)
- Weiss, Leo, Brooklyn, N. Y. Apparatus for making candle holders. 2,037,186; Apr. 14.
- Weiss, Robert P. (See Downs, C. R., and Weiss.)
- Weiss, Samuel, Brooklyn, N. Y. Tag fastener. 2,058,647; Oct. 27.
- Weiss, Samuel, Brooklyn, N. Y. Tag fastener. 2,061,927; Nov. 24.
- Weiss, Vera N., University City, Mo. Garment. 2,065,780; Dec. 29.
- Weissbrodt, Jean, Boulogne-sur-Seine, France. Automatic obturator with variable opening for cine-picture taking apparatus. 2,065,777; Dec. 29.
- Weissberg, Arnold, Jersey City, N. J. Method and apparatus for spreading divided material for treatment or other purposes. 2,050,477; Aug. 11.
- Weissenbeck, Frida. (See Anderl, Franz, assignor.)
- Weissenborn, Albert, Dessau in Anhalt, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of phenylethyl alcohol or its homologous compounds. 2,058,373; Oct. 20.
- Weissfog, Johannes, Ludwigshafen-on-the-Rhine, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Keeping cut flowers fresh. 2,042,974; June 2.
- Weissman, Samuel M., Chicago, Ill. Rubber stamp mount. 2,049,599; Aug. 4.
- Weisz, George R., Chicago, Ill. Inkwell bottle. 2,061,262; Nov. 17.
- Weisz, Martin, New York, N. Y. Translucent sun dial. 2,049,034; July 28.
- Weitzel, Edward L., Duluth, Minn. Internal combustion engine. 2,027,891; Jan. 14.
- Weitzel, Hugo. (See Jannek, J., and Weitzel.)
- Wej-Lock Manufacturing Company. (See Handel, Charles E., assignor.)
- Welch, Arthur R., Easton, Pa., assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Welded joint and making the same. 2,060,765; Nov. 10.
- Welch, Bessie E., et al. (See Welch, J. W., and Suess, assignors.)
- Welch, Edgar F., Columbus, Ohio. Display and dispensing device for ribbons and the like. 2,032,105; Feb. 25.
- Welch, Francis C., Fond du Lac, assignor to The Western Lime & Cement Co., Milwaukee, Wis. Making a low consistency hydrated lime. 2,044,553; June 16.
- Welch, Harlan C., Jennings, La. Mud saver or box. 2,032,642; Mar. 3.
- Welch, Herman B., assignor to Amity Leather Products Co., West Bend, Wis. Pocket construction. 2,036,450; Apr. 7.
- Welch, Herman B., assignor to Amity Leather Products Co., West Bend, Wis. Key case. 2,038,070; Apr. 21.
- Welch, Herman B., assignor to Amity Leather Products Co., West Bend, Wis. Concealed pocket. 2,043,639; June 9.
- Welch, James W., Oakland, Calif., and R. P. Suess, Pittsburgh, Pa., assignors of three-fifths to B. E. Welch, Oakland, Calif., one-fifth to A. C. Munhall, Pittsburgh, Pa., and one-fifth to Screw Machine Specialty Company. Registering apparatus. 2,044,926; June 23.
- Welch, Ralph M. (See Ewart, Archibald, assignor.)
- Welch, Richard E., assignor to W. M. Welch Manufacturing Company, Chicago, Ill. Condenser. 2,047,757; July 14.
- Welch, W. M., Manufacturing Company. (See Welch, Richard E., assignor.)
- Welch, William H., Jr., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Control for crank-case ventilation. 2,056,755; Oct. 6.
- Weld, Foster E. (See Beach, C. E., and Weld, and King.)
- Weld, Foster E., assignor to The Gamewell Company, Newton, Mass. Alternating current control system. 2,040,288; May 12.
- Weld, Foster E., Newton Highlands, assignor to The Gamewell Company, Newton, Mass. Signaling system and apparatus. 2,050,404; Aug. 11.
- Weldes, Friedrich. (See Reuss, W., and Weldes.)
- Welding Service, Inc. (See Frickey, Royal E., assignor.)
- Welding Service, Inc. (See Frickey, R. E., and Kalenborn, assignors.)
- Welding Service, Inc. (See Kalenborn, Arion S., assignor.)
- Weldon, Chichester P., Bristol, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Brake. 2,027,135; Jan. 7.
- Weldon Roberts Rubber Co. (See Henderson, Russell S., assignor.)
- Weldon Tool Company. (See Holmberg, Karl W., assignor.)
- Welf, Carl H., Minneapolis, Minn. Attachment for lawn mowers. 2,053,506; Sept. 8.
- Welk, Nelson S. (See Rutkoskie, G. A., and Welk.)
- Welk, Nelson S., assignor to The McBee Company, Athens, Ohio. Apparatus for V-grooving cards. 2,032,730; Mar. 3.
- Welk, Nelson S., assignor to The McBee Company, Athens, Ohio. Key punch. 2,035,777; Mar. 31.
- Welk, Nelson S., assignor to The McBee Company, Athens, Ohio. Printing press. 2,062,152; Nov. 24.
- Welk, Nelson S., assignor to The McBee Company, Athens, Ohio. Carbon flow adjusting attachment for rotary web printing presses. 2,062,154; Nov. 24.
- Welk, Nelson S., and D. A. Nevin, assignors to The McBee Company, Athens, Ohio. Peg board. 2,058,538; Oct. 27.
- Welk, Nelson S., and D. A. Nevin, assignors to The McBee Company, Athens, Ohio. Key punch. 2,062,153; Nov. 24.
- Welk, Nelson S., and D. A. Nevin, assignors to The McBee Company, Athens, Ohio. Double row key punch. 2,062,155; Nov. 24.
- Welker, Alexander H., Waterloo, Ontario, Canada. Combined faucet and air pump for liquid containers. 2,033,312; Mar. 10.
- Welker, Harry L., Williamsport, Pa. Dental impression tray. 2,036,735; Apr. 7.
- Weller, Charles A., Bloomfield, N. J., assignor of one-half to Baker & Company, Inc., Newark, N. J., and one-half to Westinghouse Electric and Manufacturing Company. Guide or support for molten glass. 2,031,083; Feb. 18.
- Weller, Frank F., assignor of fifty per cent to J. O. Modisette, Jennings, La. Automobile jack. 2,043,820; June 9.
- Weller, John H., Narberth, assignor to The Barber Asphalt Company, Philadelphia, Pa. Apparatus for saturating material. 2,062,382; Dec. 1.
- Welles, Frank E., Pensacola, Fla. Anchor. 2,056,439; Oct. 6.
- Wellington, Frank O., New London, Conn. Surgical traction frame. 2,053,753; Sept. 8.
- Wellington, Leonard A., Keene, N. H. Tool holder. 2,032,965; Mar. 3.



- Welliver, Le Roy, et al. (See Dean, S. A., and Russell.)
- Wellman, Charles O., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Card punch. 2,063,475; Dec. 8.
- Wellman, Charles P., West Medford, Mass. Shipping and display container. 2,058,648; Oct. 27.
- Wellman Engineering Company, The. (See Case, Arthur F., assignor.)
- Wellman Engineering Company, The. (See Case, A. F., and Doyle, assignors.)
- Wellman Engineering Company, The. (See Gibson, Alfred E., assignor.)
- Wellman, Guy A., assignor to The Champion Hardware Company, Geneva, Ohio. Screen door brace. 2,038,461; Apr. 21.
- Wellman, Guy A., assignor to The Champion Hardware Company, Geneva, Ohio. Closure fastener. 2,038,462; Apr. 21.
- Wellman, Howard C. (See Underwood, E. E., and Wellman.)
- Wellons, Charles M., Bellevue, Pa. Steering device for boats. 2,043,276; June 9.
- Wells, Alfred A., Roselle Park, N. J., assignor to Standard Oil Development Company. Treating naphtha. 2,036,166; Mar. 31.
- Wells, Alton J., Bell, Calif. Duplex shaper. 2,063,899; Dec. 15.
- Wells, Arthur A., assignor to The Homer Laughlin China Company, Newell, W. Va. Pottery finishing lathe. 2,051,662; Aug. 18.
- Wells, Bruce, Chicago, Ill. Printing plate. 2,032,453; Mar. 3.
- Wells, C. G., et al. (See Walker, Jay P., assignor.)
- Wells, Clarence F., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Seal for stirring devices in chemical apparatus. 2,036,309; Apr. 7.
- Wells, Clayton F., Oak Park, Ill. Cast iron porcelain-enameled tiling. 2,061,263; Nov. 17.
- Wells, Dare A. (See Balinkin, I., and Wells.)
- Wells, Don W., El Centro, Calif. Building construction. 2,042,438; May 26.
- Wells, Donald H., Croton, Ohio. Filter. 2,064,510; Dec. 15.
- Wells, Donald H., Croton, Ohio. Apparatus for filtering solids from liquids. 2,064,511; Dec. 15.
- Wells, Edward C., assignor to Platt Iron Works, Inc., Dayton, Ohio. Imprinting apparatus. 2,030,081; Feb. 11.
- Wells, Edward C., assignor to Platt Iron Works, Inc., Dayton, Ohio. Imprinting apparatus. 2,040,888; May 19.
- Wells, Edward C., assignor to Boeing Aircraft Company, Seattle, Wash. Gun mount. 2,044,036; June 16.
- Wells, Edward H., Jr., assignor to Johns-Manville Corporation, New York, N. Y. Packing and making the same. 2,051,626; Aug. 18.
- Wells, Franklin H., assignor to Bendix Brake Company, Rochester, N. Y. Treating cellulose derivative sheets. 2,036,377; Apr. 7.
- Wells, George W., et al. (See Becklin, Herman O., assignor.)
- Wells, George W., Amesbury, Mass. Latch for doors. 2,034,363; Mar. 17.
- Wells, Glen R., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Merchandise display attachment for gasoline dispensers. 2,050,515; Aug. 11.
- Wells, Harold D., Glens Falls, N. Y. Freeness detector. 2,027,660; Jan. 14.
- Wells, Harold D., Glens Falls, N. Y. Pulp hydrator. 2,055,956; Sept. 29.
- Wells, Helen, and R. C. Fritsche, New York, N. Y. Spool holder. 2,033,214; Mar. 10.
- Wells, Herbert J. C., Jackson Heights, N. Y. Heating system. 2,062,341; Dec. 1.
- Wells, Isaac S., Laurel, Miss. Boat propelling device. 2,062,546; Dec. 1.
- Wells, Jackson B., assignor to Eastman Kodak Company, South Bend, Ind. Brake drum. 2,055,244; Sept. 22.
- Wells, James G. (See McMaster, A. J., and Wells.)
- Wells, Joel C., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 2,054,351; Sept. 15.
- Wells, Joel C., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,062,342; Dec. 1.
- Wells, Lee, Barberton, assignor to Seiberling Rubber Company, Akron, Ohio. Manufacture of rubberized fabrics. 2,038,328; Apr. 21.
- Wells, Leland E. (See Reinhardt, W. L., and Wells, assignors.)
- Wells, Loren S., Great Neck, N. Y. Protective heating means for third rail electric railways. 2,027,943; Jan. 14.
- Wells, Norman, Sheen, London, and E. Green, Chelmsford, England, assignors to Radio Corporation of America. Wireless aerial for use on short waves. 2,031,140; Feb. 18.
- Wells, Roy E., Roseville, near Sydney, New South Wales, Australia. Ratio calculator. 2,058,280; Oct. 20.
- Wells, Russell D., Pottstown, Pa. Gas range. 2,038,329; Apr. 21.
- Wells, Sidney D., Combined Locks, assignor of one-half to G. D. Muggleton, Appleton, Wis. Paper pulp making process. 2,029,973; Feb. 4.
- Wells, Walter T., Glendale, assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Perforating well casings. 2,029,454; Feb. 4.
- Wells, Walter T., Glendale, assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Refrigerating packer. 2,033,560; Mar. 10.
- Wells, Walter T., Glendale, assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Packing wells. 2,033,561; Mar. 10.
- Wells, Walter T., Glendale, assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Preparing oil wells for production. 2,033,562; Mar. 10.
- Wells, Walter T., Glendale, assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Controlling well flow. 2,033,563; Mar. 10.
- Wells, Walter T., Glendale, assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Splitting pipe collars in situ. 2,037,955; Apr. 21.
- Wells, Walter T., Glendale, assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Supporting and conducting cable and constructing the same. 2,043,401; June 9.
- Wells, Walter T., Glendale, assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Cable construction. 2,061,862; Nov. 24.
- Wells, Walter T., Glendale, assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Weight and tension measuring device. 2,061,863; Nov. 24.
- Wells, Walter T., Glendale, assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Electrically operated fishing tool. 2,061,864; Nov. 24.
- Wells, Walter T., Glendale, assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Water eductor and method. 2,061,865; Nov. 24.
- Wells, Walter T., assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Conductor cable. 2,043,400; June 9.
- Wells, Walter T., Glendale, Calif., and E. R. Smith, Houston, Tex., assignors to The Technicraft Engineering Corp., Los Angeles, Calif. By-pass packer. 2,033,564; Mar. 10.
- Wells, Wesley B., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Adjustable supporting structure for light signal units and the like. 2,054,871; Sept. 22.
- Wells, William F., Cambridge, Mass. Centrifuging apparatus. 2,043,313; June 9.
- Wells, Wilton I., New Albany, Ind. Display case. 2,059,922; Nov. 3.
- Welsh, John T. (See Malseed, J. S., Welsh, and Keenan.)
- Welter, Gustave, assignor to The Bigelow Company, New Haven, Conn. Waste heat boiler. 2,048,308; July 21.
- Welter, Herman C., assignor to The Dawn Mfg. Corp., Rochester, N. Y. Copyholder. 2,027,849; Jan. 14.
- Welter, Herman C., assignor to Hall-Welter Co., Inc., Rochester, N. Y. Inking mechanism for check writers. 2,029,646; Feb. 4.
- Welter, Howard C., Evanston, Ill. Contact cable terminal. 2,044,554; June 16.
- Welty, Albert B., Moline, Ill., assignor to International Harvester Company. Harvester-thresher. 2,044,139; June 16.
- Welty, Albert B., Moline, Ill., assignor to International Harvester Company. Beater for threshers, and the like. 2,052,328; Aug. 25.
- Welty, George D., assignor, by mesne assignments, to The Cleveland Trust Company, trustee, Cleveland, Ohio. Piston. 2,062,624; Dec. 1.
- Welty, Noah E., and A. J. Locken, Patterson, Calif. Fertilizer distributor. 2,058,539; Oct. 27.
- Wemboener, Emil F., St. Louis, Mo. Filter. 2,048,718; July 28.
- Wemböner, Wilhelm, Berlin, Germany. Carburetor for combustion engines. 2,029,142; Jan. 28.
- Wemp, Ernest E., Detroit, Mich. Clutch control mechanism. 2,036,004; Mar. 31.
- Wemp, Ernest E., Detroit, Mich. Clutch structure. 2,036,005; Mar. 31.
- Wemp, Ernest E., Detroit, Mich. Clutch. 2,038,016; Apr. 21.
- Wemp, Ernest E., Detroit, Mich. Clutch structure. 2,038,017; Apr. 21.
- Wemp, Ernest E., Detroit, Mich. Vibration dampener. 2,042,570; June 2.
- Wemp, Ernest E., Detroit, Mich. Clutch control. 2,043,314; June 9.
- Wemp, Ernest E., Detroit, Mich. Centrifugal clutch. 2,044,487; June 16.
- Wemp, Ernest E., Detroit, Mich. Constant mesh transmission. 2,046,439; July 7.
- Wemp, Ernest E., Detroit, Mich. Freewheeling coupling and control therefor. 2,051,975; Aug. 25.
- Wemp, Ernest T., Detroit, Mich. Clutch. 2,059,158; Oct. 27.
- Wemple, Leland E., Chicago, Ill., and J. R. Daesen, Wilkes-Barre, Pa. Zinc alloys. 2,054,398; Sept. 15.
- Wenander, Erik, Motala, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigerator. 2,042,373; May 26.
- Wenczek, Karl, Berlin-Charlottenburg, Germany. Building material and building construction. 2,063,900; Dec. 15.
- Wenczler, Lajos, Augsburg, Germany, assignor to Uher-type Aktiengesellschaft, Kubli House, Glarus, Switzerland. Controlling device. 2,030,038; Feb. 4.



- Wendeborn, Helmut, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Process of and apparatus for granulating fine material by adhesion to moistened nuclear fragments. 2,052,329; Aug. 25.
- Wendel, Daniel C. (See Wendel, Peter F., and D. C.)
- Wendel, Peter F., Morristown, and D. C. Wendel, Newark, N. J. Automobile delivery body structure. 2,058,117; Oct. 20.
- Wendell, Evert J., Wayne, Pa. Centrifugal pump. 2,045,505; June 23.
- Wendell, René E., Wilmette, and F. Hlavacek, Jr., Evanston, Ill.; said Wendell assignor to said Hlavacek. Flower support. 2,029,043; Jan. 28.
- Wendell, Robert C. (See Polivka, R., and Wendell.)
- Wenderoth, Osmund L., Baltimore, Md. Container handle. 2,039,574; May 5.
- Wendler, Eugene, Houston, Tex. Refrigerator ventilating device. 2,053,453; Sept. 8.
- Wendt, Charles M., Flint, and J. Chisholm, Grand Blanc, Mich. Combined car heater and windshield cleaner. 2,044,488; June 16.
- Wendt, George E., Chicago, Ill. Lamp bowl retainer and the like. 2,038,815; Apr. 28.
- Wendt, Herman D., West Chester, assignor to Milk Processes, Inc., Philadelphia, Pa. Producing creamery products. 2,031,443; Feb. 18.
- Wendt, Walter A., Wahiawa, assignor to Hawaiian Pine apple Company, Limited, Honolulu, Hawaii. Treatment of plants to expedite bud development. 2,037,203; Apr. 14.
- Wener, Harold, Herkimer, N. Y. Separable fastener. 2,061,125; Nov. 17.
- Wengel, Raymond W., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic lamp. 2,043,913; June 9.
- Wengen, Frank J., assignor to Eagle Knitting Mills, Inc., Milwaukee, Wis. Knitted cap and producing same. 2,038,398; Apr. 21.
- Wenger, Aaron, Bayonne, N. J. Ironing board. 2,057,751; Oct. 20.
- Wenger, Aaron, Bayonne, N. J. Ironing board. 2,057,752; Oct. 20.
- Wenger, Floyd E., assignor to R. L. Triplett, Bluffton, Ohio. Tube tester. 2,054,611; Sept. 15.
- Wenholz, Walter W., and C. I. DeLong, assignors to General Railway Signal Company, Rochester, N. Y. Railway traffic controlling system. 2,038,463; Apr. 21.
- Weniger, Joseph K., assignor to Beaumont Birch Company, Philadelphia, Pa. Container door and charging hole cover. 2,039,761; May 5.
- Wening, Frederick. (See Glatthar, G. E., and Wening.)
- Wenk, Juan, Madrid, Spain, assignor to Landis & Gyr, A.-G. Zug, Switzerland. Multiple rate meter. 2,037,447; Apr. 14.
- Wenn, Floyd D., Binghamton, assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Stackable washer and fabricating the same. 2,052,063; Aug. 25.
- Wennett, Charles. (See Gordon, Herman L., assignor.)
- Wenrich, Calvin N., H. Paschke, and C. C. Vogt, assignors to Armstrong Cork Company, Lancaster, Pa. Acoustic panel and making same. 2,051,628; Aug. 18.
- Wensler, Charles J., St. Louis, assignor, by mesne assignments, to Baltimore Paper Company, Kansas City, Mo. Machine for manufacturing window envelopes. 2,061,885; Nov. 24.
- Wente, Edward C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound translating device. 2,037,187; Apr. 14.
- Wentworth, Philip C., Providence, R. I. Ring traveler. 2,052,735; Sept. 1.
- Wentworth, Theodore O., Cincinnati, Ohio. Bubble cap. 2,060,601; Nov. 10.
- Wentworth, Theodore O., assignor to The Vulcan Copper & Supply Co., Cincinnati, Ohio. Dehydration of acetic acid and other lower fatty acids. 2,041,668; May 19.
- Wentworth, Theodore O., and S. N. Baechle, assignors to The Vulcan Copper & Supply Co., Cincinnati, Ohio. Separating formic acid from acetic acid. 2,038,865; Apr. 28.
- Wentz, Edward C. (See Wolfert, E. R., and Wentz.)
- Wentz, Jesse F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical conducting system. 2,038,973; Apr. 28.
- Wentz, Samuel T., Matthews, assignor to Charlotte Pipe and Foundry Company, Inc., Charlotte, N. C. Pipe joint. 2,034,165; Mar. 17.
- Wenzel, Albert W., Paterson, N. J. Piston skirt expander. 2,062,078; Nov. 24.
- Wenzel, Bruno, Logan, W. Va. Elevator for wheeled vehicles. 2,036,006; Mar. 31.
- Wenzel, Edwin H., Fox Point, Wis. Fertilizing materials. 2,035,286; Mar. 24.
- Wenzel, Rudolph G., San Francisco, Calif., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 2,059,763; Nov. 3.
- Werder, John F., Lakewood, Ohio. Automatic transmission. 2,065,484; Dec. 22.
- Werder, John F., Lakewood, assignor of one-half to E. Rogers, South Euclid, Ohio. Forming metal containers. 2,031,085; Feb. 18.
- Werder, John F., Lakewood, assignor of one-half to E. Rogers, South Euclid, Ohio. Device for measuring and dispensing liquids. 2,036,310; Apr. 7.
- Werder, John F., Lakewood, assignor of one-half to E. Rogers, South Euclid, Ohio. Lubricant dispensing structure. 2,056,061; Sept. 29.
- Weritz, John, Cicero, Ill. Electric socket. 2,053,589; Sept. 8.
- Werk, M., Company, The. (See Magill, Rowland, assignor.)
- Werkstell, Louis. (See Colognori, A., and Werkstell.)
- Werler, Albert K., Chicago, Ill. Apparatus for massaging and exercising the feet. 2,045,814; June 30.
- Wermine, Hugo H., Villa Park, assignor to Belden Manufacturing Company, Chicago, Ill. Electric connector. 2,028,367; Jan. 21.
- Werner, Calvin J. (See Sleeter, E. B. and Werner.)
- Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Motor circuit. 2,057,175; Oct. 13.
- Werner, Charles J., trustee. (See Werner, C. V. and Schreiner, assignors.)
- Werner, Cornelius V., Richmond Hill, and S. Schreiner, Brooklyn, assignors to C. J. Werner, trustee, Richmond Hill, Long Island, N. Y. Method of brewing. 2,057,352; Oct. 13.
- Werner, Emerson, et al. (See Spear, John E., assignor.)
- Werner, Eugene. (See Deutsch, E., and Werner.)
- Werner, Felix. (See Körting, M., and Werner.)
- Werner, Frank J. and G. H., Portage Township, Hobart, Porter County, Ind. Tie plate. 2,056,632; Oct. 6.
- Werner, Gilbert H. (See Werner, Frank J. and G. H.)
- Werner, Georg, assignor to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Light sensitive diazo layers. 2,063,832; Dec. 8.
- Werner, John M. (See Richards, V. J., and Werner.)
- Werner, Louis, et al. (See Deutsch, E., and Werner, assignors.)
- Werner, Oscar, Cleveland, Ohio. Power transmitting device for automotive vehicles. 2,031,807; Feb. 25.
- Werner, Oscar, assignor to Bendix Aviation Corporation, South Bend, Ind. Fuel control for carburetors. 2,064,579; Dec. 15.
- Werner, Otto, Berlin-Schöneberg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voltage control of dry rectifiers. 2,055,991; Sept. 29.
- Werner, Richard W., Milwaukee, Wis. Hydraulic jack. 2,038,974; Apr. 28.
- Werner, Wilhelm. (See Wolff, P., and Werner.)
- Werner, William F., Belmont, assignor to Gillette Safety Razor Company, Boston, Mass. Blade handling mechanism. 2,055,245; Sept. 22.
- Wernersson, Frederik, Copenhagen, Denmark. Apparatus for drying and heat treating material. 2,040,227; May 12.
- Wernette, Adolph J., San Antonio, Tex. Floor construction. 2,040,350; May 12.
- Wernlund, Christian J., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Preparing salts of copper. 2,049,402; July 28.
- Wernmark, Carl G., Los Angeles, Calif. Sandal. 2,038,151; Apr. 21.
- Werntz, James H. (See Graves, G. D., and Werntz.)
- Werntz, James H. (See Lazier, W. A., and Werntz.)
- Werntz, James H. (See Salzberg, P. L., and Werntz.)
- Werntz, James H., Marshalltown, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic composition. 2,041,733; May 26.
- Werntz, James H., Marshalltown, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization process. 2,055,597; Sept. 29.
- Werring, Walter W., Brooklyn, N. Y., and T. S. Huxham, Chatham, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Securing adherence of finishes to metal and other materials. 2,047,758; July 14.
- Wershay, Ivan J., Cicero, Ill. Mouthpiece for bottles. 2,059,070; Oct. 27.
- Wert, Charles M., Cleveland, assignor of one-third to F. F. Petznick, Cleveland Heights, and one-third to C. H. Dray, Lakewood, Ohio. Dual ratio mechanism for automobiles. 2,046,282; June 30.
- Werth, Friedrich, Frankfort-on-the-Main, Germany. Obtaining perforations in metal. 2,051,663; Aug. 18.
- Werth, Hellmut. (See Haase, K., and Werth.)
- Werts, Leroy A. (See Sides, Hilliard M., assignor.)
- Werts, Richard A., Avenal, Calif. Gas and oil separator. 2,049,578; Aug. 4.
- Wertz, Daniel L., assignor to Eclipse Machine Company, Elmira, N. Y. Backfire stop. 2,033,364; Mar. 10.
- Wertz, Frederick L., Montclair, N. J. Card and display holder. 2,064,047; Dec. 15.
- Wertzheiser, Joseph, Newark, N. J. Shelf operating device. 2,049,237; July 28.
- Wertzheiser, Joseph, Newark, assignor to Hatfield Wire & Cable Co., Hillside, N. J. Electrical connector. 2,051,925; Aug. 25.
- Wertzheiser, Joseph, Newark, assignor to Hatfield Wire & Cable Co., Hillside, N. J. Electrical connection plug. 2,060,709; Nov. 10.
- Wesche, Carl A., Ellisville, assignor of one-half to A. A. Koch, Grover, Mo. Closure attachment for windows and the like. 2,033,365; Mar. 10.
- Wescott, Ernest W., Niagara Falls, N. Y. Treatment of lateritic ores. 2,036,664; Apr. 7.
- Wescott Products Corp. (See Kendig, Benton B., assignor.)



- Wescott, William B., Dover, Mass., assignor to Multigraph Company, Wilmington, Del. Flexible composite planographic plate. 2,032,779; Mar. 3.
- Wesley, Arthur, assignor to Burton-Dixie Corporation, Chicago, Ill. Spring cushion. 2,059,424; Nov. 3.
- Wesley, Arthur, assignor to Burton-Dixie Corporation, Chicago, Ill. Studio couch. 2,061,725; Nov. 24.
- Wesley, James J., Phoenix, Ariz. Antirebound spring construction. 2,058,281; Oct. 20.
- Wessberg, Peter, assignor of forty-nine one hundredths to H. A. Michel, Chicago, Ill. Constructing certain display and toy articles. 2,027,352; Jan. 7.
- Wessel, Ludwig H. (See Hermann, W. H., and Wessel.)
- Wesseler, William J., East Cleveland, assignor to The National Bronze & Aluminum Foundry Company, Cleveland, Ohio. Method and apparatus for making cast metal articles. 2,057,074; Oct. 13.
- Wesselman, Albert, Cincinnati, Ohio. Sealing paper cartons. 2,043,135; June 2.
- Wessén, Georg A. (See Broberg, G. K. J., Wallin, and Wessén.)
- Wessenberg, Walter. (See Adendroth, Paul J., and O. A., and Wessenberg.)
- Wessman, Arnt W., Moline, Ill., assignor to International Harvester Company. Outboard bearing bracket for thresher cylinder shafts. 2,048,907; July 28.
- Wesson, Laurence G., assignor to V. Leonard, Baltimore, Md. Producing pure ethers of dinitrophenol. 2,048,172; July 21.
- West, Arvid, Niagara, Wis. Apparatus for conditioning and maintaining highways. 2,045,426; June 23.
- West, Brennan B., Cleveland, Ohio. Shoe plate. 2,052,330; Aug. 25.
- West, Charles P., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,057,463; Oct. 13.
- West, Claude J., assignor to Liberty Machinery and Development Co., Inc., Philadelphia, Pa. Laundry ironer. 2,057,988; Oct. 20.
- West, Claude J., assignor to Liberty Machinery and Development Co., Inc., Philadelphia, Pa. Laundry ironer. 2,057,989; Oct. 20.
- West, Ernest. (See West, Frederick J., and E.)
- West, Francis, Jr., Chilmarks, Mass., assignor to Paul Zuckerman, New York, N. Y. Compass. 2,060,766; Nov. 10.
- West, Frank R., Detroit, Mich. Reseating and rethreading tool. 2,032,384; Mar. 3.
- West, Frank R., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating system. 2,051,664; Aug. 18.
- West, Fred, assignor to S. Gumpert Co., Inc., Brooklyn, N. Y. Packaging machine. 2,061,886; Nov. 24.
- West, Frederick J. and E., assignors to West's Gas Improvement Company Limited, Miles Platting, Manchester, England. Vertical retort for the carbonization of coal and the like. 2,040,582; May 12.
- West, Frederick J. and E., assignors to West's Gas Improvement Company Limited, Miles Platting, Manchester, England. Vertical retort for the carbonization of coal and like carbonaceous materials. 2,040,583; May 12.
- West, George, assignor to Whitin Machine Works, Whitinsville, Mass. Spinning ring and securing device therefor. 2,061,443; Nov. 17.
- West, George E., Washington, D. C. Method of and machine for making containers. 2,042,975; June 2.
- West, Halstead W., Detroit, Mich. Remote control for radio receivers. 2,044,927; June 23.
- West, John D., assignor to Manitowoc Ship Building Corporation, Manitowoc, Wis. Apparatus for laying pavements. 2,035,627; Mar. 31.
- West, John E., Arlee, Mont. Luminous label. 2,051,665; Aug. 18.
- West, Maxwell A., Portland, Oreg. Screw. 2,058,197; Oct. 20.
- West, Maxwell A., Portland, Oreg. Screw and screw driver for the same. 2,062,383; Dec. 1.
- West Michigan Steel Foundry Co. (See Seyferth, Carl G., assignor.)
- West, William M., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Laminated article and manufacture. 2,037,105; Apr. 14.
- West Bend Aluminum Co. (See Kircher, Ralph N., assignor.)
- Westberg, Gustave E., Los Angeles, Calif. Forming walls. 2,065,930; Dec. 29.
- Westbo, Leonard A., Puyallup, Wash. Paper tape moistener and cutter. 2,032,643; Mar. 3.
- Westby, George C., Seattle, Wash. Treating siliceous materials. 2,038,399; Apr. 21.
- West Coast-Manchester Mills, Inc. (See Baer, Lucien G., assignor.)
- West Coast Pipe & Steel Company, et al. (See Lambie, John A., assignor.)
- Westco Pump Corporation. (See Abramson, Ernest L., assignor.)
- Westcott, Ellsworth J., and A. E. Ruemmele, assignors to Freyn Engineering Company, Chicago, Ill. Combination mash and lauter tank. 2,042,284; May 26.
- Westcott, William O. (See Graham, G. M., Price, and Westcott.)
- West End Chemical Company. (See Hellmers, Henry D., assignor.)
- Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Electric regulating system. 2,039,043; Apr. 28.
- Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Circuits and apparatus for operating electric discharge lamps. 2,043,023; June 2.
- Westergreen, Ernest E. (See Doyle, James P., assignor.)
- Westerman, Fred. (See Schoonover, Noah E., assignor.)
- Westerman, Max E., New York, N. Y. Watch holder. 2,038,152; Apr. 21.
- Western-Austin Company. (See Green, J. B., and Rathmell, assignors.)
- Western-Austin Company. (See Kohl, Charles E., assignor.)
- Western-Austin Company. (See Palmer, DeMar A., assignor.)
- Western-Austin Company. (See Wilson, Fred D., assignor.)
- Western Bakeries Corporation, Ltd. (See Quick, Claude E., assignor.)
- Western Block Company, The. (See Lee, William J., assignor.)
- Western Cartridge Company. (See Olin, F. W., Meyers, and Seavey, assignors.)
- Western Cartridge Company. (See Olsen, Fredrich, assignor.)
- Western Cartridge Company. (See Olsen, F., and Seavey, assignors.)
- Western Cartridge Company. (See Olsen, F., Tibbitts, and Kerone, assignors.)
- Western Chemical Company. (See Dreyfus, Morris E., assignor.)
- Western Clock Company. (See Neureuther, Andrew H., assignor.)
- Western Clock Company. (See Neyhart, Arthur P., assignor.)
- Western Condensing Company. (See Peebles, David D., assignor.)
- Western Electric Company. (See Alden, J. L., and Anderson, assignors.)
- Western Electric Company. (See Anderson, H. A., Gillis, Kagi, and Prendergast, assignors.)
- Western Electric Company. (See Andrews, J. W., and Swallow, assignors.)
- Western Electric Company. (See Backer, Franklyn E., assignor.)
- Western Electric Company. (See Barker, Virgil D., assignor.)
- Western Electric Company. (See Barothey, Charles F., assignor.)
- Western Electric Company. (See Beavers, R. J., and Laird, assignors.)
- Western Electric Company. (See Benfer, Richard W., assignor.)
- Western Electric Company. (See Boe, Helmer J., assignor.)
- Western Electric Company. (See Bouget, Yves A., assignor.)
- Western Electric Company. (See Bouget, Y. A., and Waters, assignors.)
- Western Electric Company. (See Bullard, William J., assignor.)
- Western Electric Company. (See Busignies, Henri G., assignor.)
- Western Electric Company, et al. (See Campbell, T. C., Wheeler, and Bowly, assignors.)
- Western Electric Company. (See Chambers, Irl M., assignor.)
- Western Electric Company. (See Cherry, George L., assignor.)
- Western Electric Company. (See Clavier, A. G., and Dabord, assignors.)
- Western Electric Company. (See Clifford, Albert C., assignor.)
- Western Electric Company. (See Crane, Edward J., assignor.)
- Western Electric Company. (See Crane, E. J., and Waters, assignors.)
- Western Electric Company. (See Dayment, L. E., and Lilly, assignors.)
- Western Electric Company. (See Devaux, Lucien, assignor.)
- Western Electric Company. (See Dixon, A. L., and Cardin, assignors.)
- Western Electric Company. (See Doan, Richard L., assignor.)
- Western Electric Company. (See Emery, C. B., and Schoof, assignors.)
- Western Electric Company. (See Ewaldson, W. C., and Waters, assignors.)
- Western Electric Company. (See Fairfield, W. B., and Jongedyk, assignors.)
- Western Electric Company. (See Franz, Erwin E., assignor.)
- Western Electric Company. (See Frenz Erwin E., assignor.)
- Western Electric Company. (See Geisler, Ottmar, assignor.)
- Western Electric Company. (See Gibson, W. T., and Black, assignors.)
- Western Electric Company. (See Gillis, Randall, assignor.)
- Western Electric Company. (See Grison, Elmer J., assignor.)



- Western Electric Company. (See Hach, Clarence A., assignor.)
- Western Electric Company. (See Hatton, W., and Haigh, assignors.)
- Western Electric Company. (See Hofstetter, Robert, assignor.)
- Western Electric Company. (See Hofstetter, R., and Sager, assignors.)
- Western Electric Company. (See Hull, Sidney M., assignor.)
- Western Electric Company. (See Isaacson, Arthur M., assignor.)
- Western Electric Company. (See Jeandron, H. T., and Morton, assignors.)
- Western Electric Company. (See Johannessen, Vaughn L., assignor.)
- Western Electric Company. (See Johnstone, Harold G., assignor.)
- Western Electric Company. (See Kagi, Walter W., assignor.)
- Western Electric Company. (See Kelly, John C., assignor.)
- Western Electric Company. (See Kemp, A. R., and Gray, assignors.)
- Western Electric Company. (See Larsen, Einer W., assignor.)
- Western Electric Company. (See Larson, Homer W., assignor.)
- Western Electric Company. (See Layton, Roy F., assignor.)
- Western Electric Company. (See Lutz, Raymond P., assignor.)
- Western Electric Company. (See Magill, Wilbur S., assignor.)
- Western Electric Company. (See Manley, Lloyd M., assignor.)
- Western Electric Company. (See Manley, L. M., and McCarthy, assignors.)
- Western Electric Company. (See Matson, George C., assignor.)
- Western Electric Company. (See McCain, Cecil C., assignor.)
- Western Electric Company. (See McCann, Paul S., assignor.)
- Western Electric Company. (See McCarthy, Rollin H., assignor.)
- Western Electric Company. (See McEachern, Joseph G., assignor.)
- Western Electric Company. (See McLaughlin, Lawrence, assignor.)
- Western Electric Company. (See Morberg, Ivar A., assignor.)
- Western Electric Company. (See Morton, Edmund R., assignor.)
- Western Electric Company. (See Newton, Edwin E., assignor.)
- Western Electric Company. (See Newton, E. E., and Ray, assignors.)
- Western Electric Company. (See Nydegger, Roland R., assignor.)
- Western Electric Company. (See Pagenkopf, W. H., and Hanson, assignors.)
- Western Electric Company. (See Polivka, R., and Wendell, assignors.)
- Western Electric Company. (See Powell, Raymond E., assignor.)
- Western Electric Company. (See Pugh, Emerson, assignors.)
- Western Electric Company. (See Reading, Raymond L., assignor.)
- Western Electric Company. (See Remmers, Walter E., assignor.)
- Western Electric Company. (See Rock, George L., assignor.)
- Western Electric Company. (See Rosendale, Robert W., assignor.)
- Western Electric Company. (See Rostás, Ernest, assignor.)
- Western Electric Company. (See Ruppert, Ladis W., assignor.)
- Western Electric Company. (See Schnaubelt, Frank J., assignor.)
- Western Electric Company. (See Scott, Kenneth L., assignor.)
- Western Electric Company. (See Scrantom, De Hart G., assignor.)
- Western Electric Company. (See Searle, A. M., Hunt, and Andrews, assignors.)
- Western Electric Company. (See Sinclair, Albert L., assignor.)
- Western Electric Company. (See Stull, John S., assignor.)
- Western Electric Company. (See Svikhart, Miles L., assignor.)
- Western Electric Company. (See Taborsky, Frank G., assignor.)
- Western Electric Company. (See Tietz, W. J., and Lengvenis, assignors.)
- Western Electric Company. (See Tykal, Bohumil R., assignor.)
- Western Electric Company. (See Warner, Stanley F., assignor.)
- Western Electric Company. (See Weaver, Leo L., assignor.)
- Western Electric Company. (See Weaver, L. L., and Weber, assignors.)
- Western Electric Company. (See Weston, Keith A., assignor.)
- Western Electric Company. (See Williams, R. R., and Kemp, assignors.)
- Western Electric Company. (See Wines, William B., assignor.)
- Western Electric Company, Inc. (See Bouget, Y. A., and Malhot, assignors.)
- Western Electric Company, Inc. (See Deitz, L. S., Jr., and Whitney, assignors.)
- Western Electric Company, Inc. (See Walsleben, William A., assignor.)
- Western Electrical Instrument Corporation. (See Goodwin, William N., Jr., assignor.)
- Western Geophysical Company. (See Johnson, Earle W., assignor.)
- Western Geophysical Company. (See Salvatori, Henry, assignor.)
- Western Lime & Cement Co., The. (See Welch, Francis C., assignor.)
- Western Paper Converting Company. (See Galloway, Robert L., assignor.)
- Western Paper Converting Company. (See Rehm, Hays, assignor.)
- Western Pipe & Steel Co. (See Huntington, Victor C., assignor.)
- Western Shade Cloth Company, The. (See Reilly, Edward C., assignor.)
- Western States Machine Company, The. (See Roberts, Eugene, assignor.)
- Western States Machine Company. (See Stevens, George E., assignor.)
- Western Tablet & Stationery Corporation. (See Woodley, Edward L., assignor.)
- Western Union Telegraph Company, The. (See Baxter, Donald L., assignor.)
- Western Union Telegraph Company, The. (See Boudreau, Anthony P. J., assignor.)
- Western Union Telegraph Company, The. (See Buckingham, William D., assignor.)
- Western Union Telegraph Company. (See Buckingham, W. D., and Parker, assignors.)
- Western Union Telegraph Company, The. (See Casper, Louis, assignor.)
- Western Union Telegraph Company, The. (See Dirkes, R. F., and Kimball, assignors.)
- Western Union Telegraph Company, The. (See Dirkes, R. F., and Steeneck, assignors.)
- Western Union Telegraph Company, The. (See Dirkes, R. F., and Wheeler, assignors.)
- Western Union Telegraph Company, The. (See Erickson, G. L., and Christoffel, assignors.)
- Western Union Telegraph Company, The. (See Erickson, G. L., and Teter, assignors.)
- Western Union Telegraph Company, The. (See Haglund, Hakon H., assignor.)
- Western Union Telegraph Company, The. (See Harrall, E. R., and Parrott, assignors.)
- Western Union Telegraph Company, The. (See Harrall, E. R., and Reis, assignors.)
- Western Union Telegraph Company, The. (See Hoover, R., and Wheeler, assignors.)
- Western Union Telegraph Company, The. (See Howe, P. J. Hamlett, and Rudd, assignors.)
- Western Union Telegraph Company, The. (See Long, J. W., and Wheeler, assignors.)
- Western Union Telegraph Company, The. (See McGuiness, W. V., Chulstrom, and Drenkard, assignors.)
- Western Union Telegraph Company, The. (See Mott, Everett V., assignor.)
- Western Union Telegraph Company. (See Myer, Percy L., assignor.)
- Western Union Telegraph Company, The. (See Nelson, Crescent F., assignor.)
- Western Union Telegraph Company, The. (See Noxon, Paul A., assignor.)
- Western Union Telegraph Company, The. (See Pierson, Oscar E., assignor.)
- Western Union Telegraph Company, The. (See Rickard, Eric M., assignor.)
- Western Union Telegraph Company, The. (See Sortore, E. J., and Kimball, assignors.)
- Western Union Telegraph Company, The. (See Steeneck, Robert, assignor.)
- Western Union Telegraph Company, The. (See Wilder, Harold F., assignor.)
- Western Union Telegraph Company, The. (See Yorke, G. M., and Dirkes, assignors.)
- Western Water Heater Corporation Ltd. (See Leader, Harold, assignor.)
- Westfall, John L., Cleveland, Ohio. Easter basket. 2,048,089; July 21.
- Westfield Manufacturing Company, The. (See Clarke, Norman A., assignor.)
- Westhaver, John L., assignor of fifty per cent. to R. B. Hill, San Diego, Calif. Carbon reservoir and feeding mechanism therefor. 2,032,240; Feb. 25.
- Westin, Charles J., assignor to F. J. Stokes Machine Company, Philadelphia, Pa. Hermetic closure for collapsible tubes. 2,028,112; Jan. 14.
- Westin, Charles J., assignor to F. J. Stokes Machine Company, Philadelphia, Pa. Forming a closure on a collapsible tube. 2,053,015; Sept. 1.



- Westin, Charles J., and C. J. Beck, assignors to F. J. Stokes Machine Company, Philadelphia, Pa. Tablet machine. 2,043,085; June 2.
- Westin, Charles J., and A. Donaghy, Sr., assignors to F. J. Stokes Machine Company, Philadelphia, Pa. Tablet compressing machine. 2,043,086; June 2.
- Westinger, Karl, assignor to Mauser-Werke A.-G., Oberndorf-on-the-Neckar, Germany. Quick-firing pistol. 2,058,746; Oct. 27.
- Westinghouse Air Brake Company, The. (See Alkman, Burton S., assignor.)
- Westinghouse Air Brake Company, The. (See Baughman, George W., assignor.)
- Westinghouse Air Brake Company, The. (See Brown, Donald F., assignor.)
- Westinghouse Air Brake Company, The. (See Bush, Rankin J., assignor.)
- Westinghouse Air Brake Company, The. (See Cadman, Norman G., assignor.)
- Westinghouse Air Brake Company, The. (See Canetta, John, assignor.)
- Westinghouse Air Brake Company, The. (See Chevillot, Alfred, assignor.)
- Westinghouse Air Brake Company, The. (See Cook, Earle S., assignor.)
- Westinghouse Air Brake Company, The. (See Cook, E. S., and Fitch, assignors.)
- Westinghouse Air Brake Company, The. (See Cook, E. S., and Hammer, assignors.)
- Westinghouse Air Brake Company, The. (See Cotter, George L., assignor.)
- Westinghouse Air Brake Company, The. (See Craig, John F., assignor.)
- Westinghouse Air Brake Company, The. (See Crittenden, P. L., and Aikman, assignors.)
- Westinghouse Air Brake Company, The. (See Dapron, Joseph M., assignor.)
- Westinghouse Air Brake Company, The. (See Dean, William E., Jr., assignor.)
- Westinghouse Air Brake Company, The. (See Down, Sidney G., assignor.)
- Westinghouse Air Brake Company, The. (See Farmer, Clyde C., assignor.)
- Westinghouse Air Brake Company, The. (See Farmer, C. C., and Hewitt, assignors.)
- Westinghouse Air Brake Company, The. (See Farmer, C. C., and Redford, assignors.)
- Westinghouse Air Brake Company, The. (See Fitch, Ellery R., assignor.)
- Westinghouse Air Brake Company, The. (See Fralich, J. S. Y., and Down, assignors.)
- Westinghouse Air Brake Company, The. (See Glenn, Carl O., assignor.)
- Westinghouse Air Brake Company, The. (See Good, John N., assignor.)
- Westinghouse Air Brake Company, The. (See Guillemin-Tarayre, Jean G., assignor.)
- Westinghouse Air Brake Company, The. (See Hewitt, Ellis E., assignor.)
- Westinghouse Air Brake Company, The. (See Hull, John B., assignor.)
- Westinghouse Air Brake Company, The. (See Hume, John, assignor.)
- Westinghouse Air Brake Company, The. (See Logan, John W., Jr., assignor.)
- Westinghouse Air Brake Company, The. (See Logan, J. W., Jr., and Baughman, assignors.)
- Westinghouse Air Brake Company, The. (See Lynn, Ewing K., assignor.)
- Westinghouse Air Brake Company, The. (See Lynn, E. K., and Bush, assignors.)
- Westinghouse Air Brake Company, The. (See Mautsch, Robert H., assignor.)
- Westinghouse Air Brake Company, The. (See McClure, Glenn T., assignor.)
- Westinghouse Air Brake Company, The. (See McClure, G. T., and McNeal, assignors.)
- Westinghouse Air Brake Company, The. (See McCune, Joseph C., assignor.)
- Westinghouse Air Brake Company, The. (See McKinstry, Charles H., assignor.)
- Westinghouse Air Brake Company, The. (See McWhirter, J. S., and Bush, assignors.)
- Westinghouse Air Brake Company, The. (See Miller, Raymond E., assignor.)
- Westinghouse Air Brake Company, The. (See Miller, R. E., and Crittenden, assignors.)
- Westinghouse Air Brake Company, The. (See Nash, Richard L., assignor.)
- Westinghouse Air Brake Company, The. (See Nelson, Claude A., assignor.)
- Westinghouse Air Brake Company, The. (See Neveu, Anselme, assignor.)
- Westinghouse Air Brake Company, The. (See Sexton, Everett P., assignor.)
- Westinghouse Air Brake Company, The. (See Simmons, Arthur W., assignor.)
- Westinghouse Air Brake Company. (See Stevens, Roy R., assignor.)
- Westinghouse Air Brake Company, The. (See Stewart, Carlton D., assignor.)
- Westinghouse Air Brake Company, The. (See Tarislen, Theophile, assignor.)
- Westinghouse Air Brake Company, The. (See Taylor, Clyde A., assignor.)
- Westinghouse Air Brake Company, The. (See Thomas, Frank B., assignor.)
- Westinghouse Air Brake Company, The. (See White, Joseph, assignor.)
- Westinghouse Air Brake Company, The. (See Woernley, Harry F., assignor.)
- Westinghouse Electric Elevator Company. (See Bouton, E. M., Clark, and Williams, assignors.)
- Westinghouse Electric Elevator Company. (See Bouton, E. M., and Williams, assignor.)
- Westinghouse Electric Elevator Company. (See Clancy, John F., assignor.)
- Westinghouse Electric Elevator Company. (See Dunlop, James, assignor.)
- Westinghouse Electric Elevator Company. (See Eames, William F., assignor.)
- Westinghouse Electric Elevator Company. (See Keiper, P. C., and Lewis, assignors.)
- Westinghouse Electric Elevator Company. (See Williams, Harold W., assignor.)
- Westinghouse Electric Elevator Company. (See Williams, H. W., and Eames, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Aalborg, Christian, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Aggers, Clair V., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Anderson, Clare, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Anderson, William B., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Armstrong, G. C., and Ellis, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Arnold, Edwin E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Austin, Bascus O., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Austin, Walter M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bahls, Walter E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bangratz, Ernest G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Barnsteiner, Alfons, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bauman, John J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bayle, Russell M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Beard, Joseph G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bellasch, Peter L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Benson, Ralph L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bernarde, Henry L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bitter, Francis, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Blankenbuehler, John H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Blankenbuehler, J. H., and Hunkeler, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Bletz, Edward, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Boden, S. H., and Schofield, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Bolesky, John D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bollinger, Paul, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bonds, Eugene R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Booth, Harold S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bostwick, Myron A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bouton, Edgar M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Brace, Porter H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bradshaw, W. M., and Mylius, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Brecht, Winston A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Brooks, R. R., Willby, and Austin, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Brown, J. L., and Harding, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Brunner, Harry C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bryant, Ozro N., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Burke, B. S. and Heck, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Calvert, John F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Candy, Albert M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Chubb, Lewis W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Clay, Noble S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Colby, Ora A., assignor.)



- Westinghouse Electric & Manufacturing Company. (See Conrad, Frank, assignor.)
- Westinghouse Electric and Manufacturing Company. (See Conrad, F., and Aalborg, assignors.)
- Westinghouse Electric and Manufacturing Company. (See Conrad, F., Aalborg, and French, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Cook, Willard G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Crabbs, Herbert J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Crabbs, H. J. and Rawlins, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Critchlow, Ezra F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Davis, Robert L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dawson, John W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dawson, J. W., and Gulliksen, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Dennison, Edward S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Donaldson, H. C., Jr., and Ford, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Dorfman, Hiller D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dorfman, H. D., and Shuler, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Duffing, Paul, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dyer, Lloyd W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Eames, William F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Elberty, R. S., Jr., and Pearce, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Else, Harry D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Elsey, Howard M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Evans, Robert D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Exner, Donald W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Flanders, Warren B., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Forbes, Allan D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Forshee, Frank F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Forsthoefel, Gregg F.)
- Westinghouse Electric & Manufacturing Company. (See Frank, L. C., and Bobe, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Frey, A. A., and Burkwin, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Frisch, E., Schaeichlin, and Ashbaugh, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Gamel, Gayne D., assignor.)
- Westinghouse Electric and Manufacturing Company. (See Gano, H. S., and Dorfman, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Geiselman, Ralph A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Gemmell, Robert W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Glaister, P. J., and Rawlins, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Goldsborough, Shirley L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Griscom, Samuel B., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Guliksen, Finn H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Haller, Cecil E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Halliwell, George P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Harding, William R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Harpster, Clyde C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hathaway, Clarence B., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hayford, Benjamin I., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hensel, F. R., and Larsen, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Hitchcock, Richard C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hobbs, M. H., and Rugg, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Hodgkinson, Francis, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Holler, Homer D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hudson, William J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Huffstutter, John W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Huggins, Leroy G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Jackson, R. P., and Biebel, assignors.)
- Westinghouse Electric & Manufacturing Company. (See James, William G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Jenks, Harold C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Johnson, Frederick B., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Johnson, Welton V., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Jordan, Richard H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kees, Ernest G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kellogg, David R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kilgore, George R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kimball, Richard L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kinn, Theodore P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Klemperer, Hans, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Knowles, Dewey D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Koch, Julius F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Koppelman, F., Kaufmann, and Kesselring, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Kovalsky, Joseph F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kozanowski, Henry N., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Krause, Charles E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lamb, John F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Landon, Vernon D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lpple, Hanns, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lee, Paul R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lee, Reuben, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lenehan, Bernard E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See LeVesconte, Lester B., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lewis, R. H., and Rosenberger, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Lewis, W. A., and Evans, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Lewis, W. A., Jr., and Smith, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Leyland, Simeon C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Leyner, G. A., and Anderson, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Leyner, G. A., and Kelly, assignors.)
- Westinghouse Electric and Manufacturing Company. (See Lincoln, R. B., and Candy, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Lindstrom, True, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lingal, Harry J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Little, Donald G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lockwood, Edwin H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Long, Thomas H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lowry, Erwin F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lbcke, Ernst, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ludwig, Leon R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ludwig, L. R., and Slepian, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Lytle, Frederick W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Marbury, Ralph E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Maxfield, F. A., and Smede, assignors.)
- Westinghouse Electric & Manufacturing Company. (See McCulloch, Leon, assignor.)
- Westinghouse Electric & Manufacturing Company. (See McNulty, John W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See McNulty, J. W., and Nelson, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Morgan, D. W. R., and McNulty, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Morton, John F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Mosshart, Donald J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Mosshart, D. J., and Foresman, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Mourontseff, I. E., and Noble, assignors.)



- Westinghouse Electric and Manufacturing Company. (See Mourontseff, I. E., and Rytsky, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Moyer, Howard R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Myhre, Conrad B., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Mylius, Walter G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Mylius, W. G., and Barnes, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Nein, William C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Newhouse, Simeon E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Newton, John S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Nycum, Homer C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Nystrom, Carl F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Packer, Lewis C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Pakala, William E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Papst, Hugh W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Parks, Fred M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Parr, Bernard F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Patterson, William M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Penney, Gaylord W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Pierce, Lawrence, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Pierson, Paul R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ponomareff, Alexander I., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Potter, J. A., and Rathbun, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Powers, Frank B., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Powers, F. B., and Whittaker, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Powers, R. E., and Searing, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Randall, Karl C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Rathbun, John P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Rawlins, Herbert L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Reagan, Maurice E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Reifenberg, Joseph H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ridge, Raymond J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ritter, John G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Rose, Bennie A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Rose, Herbert A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Rose, H. A., and Maslin, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Rose, H. A., and Silverman, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Ross, Robert D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Rubel, M. J., and Harder, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Saler, Jules N., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Sandin, Jerome, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Sashoff, Stephan P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Schmidt, Henry F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Schofield, Stanley T., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Scott, Howard, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Short, Ira, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Shuler, John H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Silverman, Daniel, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Slepian, Joseph, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Smede, Lloyd, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Smith, Lewis R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Snyder, Franklin L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Soderberg, Carl R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Staage, Stephen A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Stalcup, Ernest F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Staples, D. R., and Newhouse, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Steenbeck, M., and Wedel, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Stickney, Fernald S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Stoddard, Ralph N., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Stogoff, Peter E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Stolz, J., Hanke, Lux, and Logstädt, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Stone, Earl R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Storer, Norman W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Swauger, John S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Taddiken, Ulrich A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Tarleton, Frederic L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Terry, Matson C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Torok, Julius J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Tubbs, Lester G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Tull, R. H., and Homkes, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Ulrey, Dayton, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Umstott, Harold F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Unger, Arthur M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Van Sciver, Walter M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Vedder, Edwin H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Viebahn, William W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See von Issendorff, Jürgen, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wahlberg, Nils A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Washburn, Le Ralph A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Webster, John E., assignor.)
- Westinghouse Electric and Manufacturing Company, et al. (See Weller, Charles A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Werner, Otto, assignor.)
- Westinghouse Electric & Manufacturing Company. (See West, Charles P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wheeler, Floyd S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wilson, Arthur L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wilson, E. D., and Hein, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Winter, George J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wolf, Lester J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wolfert, E. R., and Wentz, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Wulsten, Kurt, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Yensen, Trygve D., assignor.)
- Westinghouse Lamp Company. (See Andrew, Victor J., assignor.)
- Westinghouse Lamp Company. (See Bahlke, A. F., and Grodzki, assignors.)
- Westinghouse Lamp Company. (See Beggs, Eugene W., assignor.)
- Westinghouse Lamp Company. (See Blackburn, Philip W., assignor.)
- Westinghouse Lamp Company. (See Blakeman, Arthur C., assignor.)
- Westinghouse Lamp Company. (See Dinnick, George M., assignor.)
- Westinghouse Lamp Company. (See Ehrke, Louis F., assignor.)
- Westinghouse Lamp Company. (See Gustin, Daniel S., assignor.)
- Westinghouse Lamp Company. (See Henry, Donald E., assignor.)
- Westinghouse Lamp Company. (See Kurlander, John H., assignor.)
- Westinghouse Lamp Company. (See Lindegaard, Erik C., assignor.)
- Westinghouse Lamp Company. (See Makenny, William, assignor.)
- Westinghouse Lamp Company. (See Marden, John W., assignor.)
- Westinghouse Lamp Company. (See Marden, J. W., and Meister, assignors.)
- Westinghouse Lamp Company. (See McGowan, Michael E., assignor.)



- Westinghouse Lamp Company. (See McKay, William A., assignor.)
- Westinghouse Lamp Company. (See Moran, William G., assignor.)
- Westinghouse Lamp Company. (See Morrison, Montford, assignor.)
- Westinghouse Lamp Company. (See Plishker, Herbert E., assignor.)
- Westinghouse Lamp Company. (See Rentschler, Harvey C., assignor.)
- Westinghouse Lamp Company. (See Rentschler, H. C., and Marden, assignors.)
- Westinghouse Lamp Company. (See Richardson, Henry K., assignor.)
- Westinghouse Lamp Company. (See Slack, C. M., and Laidig, assignors.)
- Westinghouse Lamp Company. (See Wadsten, Sten, assignor.)
- Westinghouse Lamp Company. (See Wallace, Wilford B., assignor.)
- Westinghouse X-Ray Company. (See Morrison, Montford, assignor.)
- Westinghouse X-Ray Company. (See Nelson, Albert C., assignor.)
- Westinghouse X-Ray Company. (See Simon, Alfred, assignor.)
- Westlinning, Anton, Lautawerk/Lausitz, Germany. Making cables. 2,029,044; Jan. 28.
- Weston, Charles F., Prince George County, Va., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Production of nitrates. 2,041,504; May 19.
- Weston, Edward F., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Exposure meter. 2,046,665; July 7.
- Weston Electrical Instrument Corporation. (See Goodwin, William N., Jr., assignor.)
- Weston Electrical Instrument Corporation. (See Lamb, Anthony H., assignor.)
- Weston Electrical Instrument Corporation. (See Miller, John H., assignor.)
- Weston Electrical Instrument Corporation. (See Pierce, Raymond T., assignor.)
- Weston Electrical Instrument Corporation. (See Weston, Edward F., assignor.)
- Weston, John L., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Control circuit. 2,030,948; Feb. 18.
- Weston, Keith A., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Supporting leg construction. 2,047,346; July 14.
- Weston, Leroy A., Adams, Mass. Forming pipe joints. 2,055,885; Sept. 29.
- Weston, Milton T., Keansburg, N. J. Continuous centrifugal washing and dewatering machine. 2,037,840; Apr. 21.
- Weston, William D., Warren, Ohio, assignor to General Fire Extinguisher Company, Providence, R. I. Forming branch nozzles on pipes. 2,065,915; Dec. 29.
- Westphalen, Charles H. (See Mason, W. H., and Westphalen.)
- Westrope, Fred J., Detroit, Mich., assignor to The Murray Corporation of America. Window support and regulating device. 2,026,719; Jan. 7.
- Westrope, Fred J., Detroit, Mich., assignor to The Murray Corporation of America. Drain for windows. 2,033,750; Mar. 10.
- Westrope, Fred J., Detroit, Mich., assignor to The Murray Corporation of America. Visor nested in recess of header panel. 2,034,849; Mar. 24.
- Westrope, Fred J., assignor to The Murray Corporation of America, Detroit, Mich. Vehicle body. 2,040,680; May 12.
- Westrope, Fred J., Detroit, Mich., assignor to The Murray Corporation of America. Header construction for concealed windshield. 2,040,966; May 19.
- Westrope, Fred J., Detroit, Mich., assignor to The Murray Corporation of America. Unit sealing and guide strip for glass run channels. 2,060,915; Nov. 17.
- Westrope, Fred J., Detroit, Mich., assignor to The Murray Corporation of America. Window support and regulating device. 2,060,916; Nov. 17.
- West's Gas Improvement Company Limited. (See West, Frederick J. and E., assignors.)
- West Virginia Rail Company. (See Diehl, Herman H., assignor.)
- Wetcher, Robert J. (See Schaefer, O. T., and Wetcher.)
- Weth, Max, Berlin-Wittenau, and W. Traub, Berlin-Charlottenburg, Germany, assignors to Allgemeine Elektrizitäts Gesellschaft, Friedrich Karl, Berlin, Germany. Transmitter tube. 2,049,238; July 28.
- Wetherbee, Ashur U., Evanston, Ill. Three drum boiler. 2,034,547; Mar. 17.
- Wetherbee, Harry L. (See Seaver, J. J., Dougan, and Wetherbee.)
- Wetherhold, William R., et al. (See Berstler, Carl E., assignor.)
- Wethington, Robert L., Columbia, Ky. Automatic automobile life preserver. 2,050,141; Aug. 4.
- Wetmore, Paul S., assignor to Benicia Fisheries, Benicia, Calif. Fish pack and packing fish. 2,041,986; May 26.
- Wettlaufer, William L., Buffalo, N. Y. Golf club. 2,056,335; Oct. 6.
- Wettlaufer, William L., Buffalo, N. Y. Power transmitting mechanism. 2,062,343; Dec. 1.
- Wettlaufer, William L., Buffalo, N. Y., assignor to The W. S. Tyler Company, Cleveland, Ohio. Vibrating screen. 2,029,848; Feb. 4.
- Wettlaufer, William L., Buffalo, N. Y., assignor to The W. S. Tyler Company, Cleveland, Ohio. Crusher. 2,044,653; June 16.
- Wettlaufer, William L., Buffalo, N. Y., assignor to The W. S. Tyler Company, Cleveland, Ohio. Apparatus for treating materials. 2,061,179; Nov. 17.
- Wettstein, Albert. (See Hartmann, M., and Wettstein.)
- Wettstein, Fritz A., Lidingo, assignor to Aktiebolaget Spontan, Stockholm, Sweden. Turbine blade. 2,028,533; Jan. 21.
- Wettstein, Fritz A., assignor to Aktiebolaget Spontan, Stockholm, Sweden. Steam or gas turbine. 2,047,501; July 14.
- Wettstein, Fritz A., assignor to Aktiebolaget Spontan, Stockholm, Sweden. Sheet metal blade for steam or gas turbines. 2,047,502; July 14.
- Wetzel, Charles H., assignor to Wayne Iron Works, Wayne, Pa. Grandstand construction. 2,060,436; Nov. 10.
- Wetzel, Joseph, Paris, France. Nondazzling projector. 2,065,164; Dec. 22.
- Wetzel, Julius O., St. Louis, Mo. Appliance plug. 2,038,816; Apr. 28.
- Wetzel, Theodore A., Wauwatosa, assignor to Automatic Products Company, Milwaukee, Wis. Control system for heaters. 2,026,720; Jan. 7.
- Wetzig, August K., Beaver Falls, assignor to Koppel Industrial Car and Equipment Company, Koppel, Pa. Steel centering. 2,048,582; July 21.
- Weyand, Carl L., Waterbury, Conn. Eaves trough drain strainer. 2,059,071; Oct. 27.
- Weyerhaeuser, Frederick, and J. S. Busch, assignors to Wood Conversion Company, Cloquet, Minn. Insulating walls. 2,030,668; Feb. 11.
- Weyers, Theodorus J., Eindhoven, Netherlands, assignor to Radio Corporation of America. Local oscillator circuit. 2,061,818; Nov. 24.
- Weygandt, Arthur S., Cleveland Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Cleaning composition. 2,034,070; Mar. 17.
- Weygandt, T. C., Company. (See Reiche, Karl A. M., assignor.)
- Weyland, Hermann. (See Laquer, F., and Weyland.)
- Weyland, Martin A., Buffalo, N. Y. Control mechanism for automobiles. 2,040,192; May 12.
- Weyland, Herman, Hondo, Tex. Terminal clip. 2,062,690; Dec. 1.
- Weyrich, Rudolf, Brunn, Czechoslovakia. Transmitter and receiver for electromagnetic waves. 2,044,413; June 16.
- Whalen, James, Omaha, Nebr. Fluid fuel control means. 2,056,414; Oct. 6.
- Whalen, John T., New York, N. Y. Automotive accessory. 2,053,646; Sept. 8.
- Whalen, John T., New York, N. Y. Shelf support. 2,064,096; Dec. 15.
- Whalen, Milton E., et al. (See Fairchild, Glen G., assignor.)
- Whaley, William C., Los Angeles, Calif. Rotary driving connection. 2,037,054; Apr. 14.
- Whalley, George E., Chicago, Ill., assignor to Robert Gaylord, Incorporated, St. Louis, Mo. Shipping case. 2,042,135; May 26.
- Wharton, Thomas E., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Article storage and display stand. 2,027,799; Jan. 14.
- Wharton, William, Kendal, Westmorland, England. Variable speed power transmission mechanism. 2,041,446; May 19.
- Wheat, Grant, assignor to Koehler Manufacturing Company, Marlboro, Mass. Portable electric lamp. 2,027,298; Jan. 7.
- Wheat, Grant, assignor to Koehler Manufacturing Company, Marlboro, Mass. Battery filling apparatus. 2,063,417; Dec. 8.
- Wheatley, Charles. (See Wheatley, S. and C.)
- Wheatley, Robert L., Hammond, Ind. Overhead door construction. 2,045,060; June 23.
- Wheatley, Samuel and C., Kansas City, Mo. Vacuum producing device. 2,036,007; Mar. 31.
- Wheaton, A. W., Brass Works. (See Wheaton, Abram W., assignor.)
- Wheaton, Abram W., Maplewood, N. J., assignor to A. W. Wheaton Brass Works, Newark, N. J. Slow closing valve. 2,046,759; July 7.
- Wheaton, Jack M., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Closure. 2,061,685; Nov. 24.
- Whedon, Inc. (See Grinnell, Albert A., assignor.)
- Wheelbarger, Albert S., Dayton, assignor, by mesne assignments to Central United National Bank, Cleveland, Ohio, as trustee. Locking mechanism. 2,029,803; Feb. 4.
- Wheeler, Charles E., Chicago, Ill. Observation device. 2,065,963; Dec. 22.
- Wheeler, Clyde H. (See Campbell, T. C., Wheeler, and Bowly.)
- Wheeler, Clyde H., Midland Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collector. 2,032,454; Mar. 3.
- Wheeler, Clyde H., Midland Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collecting device. 2,032,517; Mar. 3.



- Wheeler, Clyde H., Midland Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collector apparatus. 2,041,888; May 26.
- Wheeler, Clyde H., Midland Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collector apparatus. 2,044,037; June 16.
- Wheeler, Clyde H., Midland Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collecting apparatus. 2,064,280; Dec. 15.
- Wheeler, Earl H. (See Gridley, G. O., Montgomery, and Wheeler.)
- Wheeler, Earl H., Detroit, Mich., assignor, by mesne assignments, to The New Britain Machine Company, New Britain, Conn. Indexing station type machine. 2,055,422; Sept. 22.
- Wheeler, Evan R. (See Dirkes, R. F., and Wheeler.)
- Wheeler, Evan R. (See Hoover, R., and Wheeler.)
- Wheeler, Evan R. (See Long, J. W., and Wheeler.)
- Wheeler, Floyd S., Alexandria, Va., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Range control system. 2,044,140; June 16.
- Wheeler, Frank L., Jr., Glen Ridge, N. J. Toy. 2,032,192; Feb. 25.
- Wheeler, Frederic E., Buffalo, N. Y. Electric push plug. 2,053,386; Sept. 8.
- Wheeler, Freeman Y., Beverly Hills, Calif. Method of and apparatus for producing a spray. 2,056,240; Oct. 6.
- Wheeler, Harley T., Dallas, Tex. Making of packing rings. 2,028,961; Jan. 28.
- Wheeler, Harley T., Dallas, Tex. Determining the elasticity of porous packing structures. 2,038,091; Apr. 21.
- Wheeler, Harley T., Dallas, Tex. Determining the proper packing for a particular installation. 2,038,092; Apr. 21.
- Wheeler, Harley T., Dallas, Tex. Method to form packing rings by crimping a plait of material into helical winds. 2,041,889; May 26.
- Wheeler, Harley T., Dallas, Tex. Packing gasket. 2,061,392; Nov. 17.
- Wheeler, Harley T., Dallas, Tex. Packing. 2,064,235; Dec. 15.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Oscillator modulator. 2,034,013; Mar. 17.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation, Jersey City, N. J. Wave signaling system. 2,039,136; Apr. 28.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Amplifier volume control. 2,041,273; May 19.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Signal translating and modulating system. 2,042,571; June 2.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Selective circuits. 2,048,527; July 21.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Low frequency amplifier. 2,048,528; July 21.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Radio receiver. 2,050,679; Aug. 11.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Wave signal receiving system. 2,050,680; Aug. 11.
- Wheeler, Harold A., Great Neck, Long Island, N. Y., assignor to Hazeltine Corporation. High-frequency signaling system. 2,061,991; Nov. 24.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Wave signal collecting system. 2,064,774; Dec. 15.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Band-pass filter. 2,064,775; Dec. 15.
- Wheeler, Harold A., Great Neck, V. E. Whitman, Flushing, N. P. Case, and W. O. Swinyard, Bayside, N. Y., assignors to Hazeltine Corporation. High-fidelity sound reproducing apparatus and improving the fidelity thereof. 2,034,014; Mar. 17.
- Wheeler, Harold A., Great Neck, and W. O. Swinyard, Bayside, N. Y., assignors to Hazeltine Corporation. Sound reproducing apparatus. 2,038,253; Apr. 21.
- Wheeler, Harold A., Great Neck, and D. E. Harnett, Tuckahoe, N. Y., assignors to Hazeltine Corporation. Coupling system. 2,049,147; July 28.
- Wheeler, Harold R., Harrisburg, Pa. Conveyor for motor trucks. 2,056,875; Oct. 6.
- Wheeler, Harry N., assignor to Wheeler-Morse Company, Birmingham, Ala. Foot measuring stick. 2,037,646; Apr. 14.
- Wheeler, Hobart M. (See Schwab, J. C. E., and Wheeler.)
- Wheeler, Holman K., Newton Center, Mass., assignor to Mechanical Transfer Car Corporation, St. Johnsbury, Vt. Turntable. 2,058,115; Oct. 20.
- Wheeler-Morse Company. (See Wheeler, Harry N., assignor.)
- Wheeler, Russell C. (See Seelig, W. F., and Wheeler.)
- Wheeler, Stephen W., Youngstown, assignor to Republic Steel Corporation, Cleveland, Ohio. Forming mill. 2,064,453; Dec. 15.
- Wheeler, Wellington B., El Segundo, assignor of one-half to F. E. Gaines, Los Angeles, Calif. Dirigible aircraft propulsion and control. 2,062,018; Nov. 24.
- Wheeling, John R., Radford, Va. Collapsible crate. 2,041,582; May 19.
- Wheeling Stamping Company. (See Paull, Archibald W., assignor.)
- Wheeling Stamping Company. (See Paull, A. W., and Davis, assignors.)
- Wheeling Steel Corporation. (See Conner, G. O., and Karges, assignors.)
- Wheeling Steel Corporation. (See Reno, Robert E., Jr., assignor.)
- Wheeling Steel Corporation. (See Rollason, Charles H., assignor.)
- Wheeling Steel Corporation. (See Smith, Reynolds B., assignor.)
- Wheelock, Edwin M., Minneapolis, Minn. Automobile storage device. 2,047,347; July 14.
- Wheelock, Herbert K., Long Beach, Calif. Tire vulcanizing apparatus. 2,063,069; Dec. 8.
- Wheelock, John H., Fitzwilliam, N. H., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Visual signal call system. 2,032,518; Mar. 3.
- Wheelock, John H., Fitzwilliam, N. H., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Electrical signal device and system. 2,065,409; Dec. 22.
- Wheelwright, George S. (See Bunker, H. M., Wheelwright, and Majoros.)
- Whelan, Dow O. (See Charlton, E. E., and Whelan.)
- Whelan, James T. (See Fourness, C. A., and Whelan.)
- Wheldon, George H., J. B. Murphy, and H. A. Lotz, Minneapolis, Minn. Web tensioning mechanism. 2,064,638; Dec. 15.
- Whelen, Myron S. (See Wuertz, A. J., and Whelen.)
- Wheller, Alfred G., Los Angeles, Calif. Tuning mechanism. 2,030,129; Feb. 11.
- Whelpley, Lloyd E., Beverly, assignor to Boston Machine Works Company, Lynn, Mass. Cementing machine. 2,060,152; Nov. 10.
- Whelton, John M. (See Roberts, C., and Whelton.)
- Whelton, John M., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe bottom member and making the same. 2,065,463; Dec. 22.
- Whelton, John M., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe bottom unit and making the same. 2,065,464; Dec. 22.
- Whelton, John M., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for molding shoe bottom parts. 2,065,465; Dec. 22.
- Wherry, Dale J., Des Moines, Iowa. Device for the elimination of piston flutter. 2,063,210; Dec. 8.
- Wheway, James G., assignor, by mesne assignments, to American Cyanamid Company. Process and mold for molding plastic compositions. 2,063,355; Dec. 8.
- Whidden, Thomas A., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of turn shoes. 2,058,540; Oct. 27.
- Whinnen, Eugene, Republic, Mich., assignor to Sullivan Machinery Company. Core drill. 2,040,889; May 19.
- Whipp, Wendell E., and C. A. Bickel, assignors to The Monarch Machine Tool Company, Sidney, Ohio. Lathe. 2,027,568; Jan. 14.
- Whipperman, Frank, Omaha, Nebr. Agitating mixer. 2,045,170; June 23.
- Whipple, Allen D., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Heat insulated receptacle. 2,048,583; July 21.
- Whipple, Allen D., and C. W. Davis, Alexander, Ind., assignors to The Mantle Lamp Company of America, Chicago, Ill. Apparatus for treating or impregnating paper. 2,065,636; Dec. 29.
- Whipple, Charles E., Santa Paula, Calif. Fruit sorting apparatus and method. 2,060,153; Nov. 10.
- Whipple, Henry B. (See Callison, A. F., and Whipple.)
- Whisenand, James F., Hastings, Nebr. Wheel mount. 2,052,064; Aug. 25.
- Whisk, Samuel, Brooklyn, assignor of forty-five per cent to R. I. Gerrish, New York, N. Y. Multirange radio receiving system. 2,062,111; Nov. 24.
- Whisler, Ralph H., Halfway, and A. J. Nicholas, assignors to Hudson Motor Car Company, Detroit, Mich. Making clutch disks. 2,054,872; Sept. 22.
- Whisler, Thomas H., and E. H. Robinson, Leipsic, Ohio. Device for cleaning and washing containers. 2,037,870; Apr. 21.
- Whistler, Lawrence V., Kenmore, N. Y. Embossing sheet-metal. 2,066,085; Dec. 29.
- Whiston, Harold W., Macclesfield. G. A. B. McIvor, and F. W. N. Thein, assignors to Kathon Limited, London, England. Apparatus for depositing metal by electrode dispersion. 2,043,966; June 9.
- Whitacre, William H., Cleveland Heights, Ohio. Journal box assembly. 2,045,005; June 23.
- Whitaker, Alfred, West Drayton, and C. O. Browne, London, assignor to Electric and Musical Industries Limited, Middlesex, England. Vibratory mirror system. 2,059,159; Oct. 27.
- Whitaker, Frank P., Rugby, England, assignor to General Electric Company. Mercury arc rectifier. 2,046,983; July 7.
- Whitaker, Herbert W., Hartford, Conn. Engine mount. 2,057,990; Oct. 20.
- Whitaker, James N., Tuckahoe, N. Y., assignor to Radio Corporation of America. Facsimile system. 2,055,513; Sept. 29.
- Whitaker, Jesse A. (See Hogarth, John A., assignor.)
- Whitaker, Karl, Broadland, S. Dak. Rebuilt plowshare. 2,059,923; Nov. 3.
- Whitaker, Willard F., Batavia, Iowa. Hog ring clinching tool. 2,029,974; Feb. 4.



- Whitall Tatum Company. (See Du Bois, David I., assignor.)
- Whitby, George S., Rockcliffe, Ottawa, Ontario, Canada. Manufacture of maple products of intense flavor. 2,054,873; Sept. 22.
- Whitcomb, Arthur J., and C. G. Bigelow, assignors to Freyn Engineering Company, Chicago, Ill. Burner. 2,034,932; Mar. 24.
- Whitcomb, Preston. (See Moore, C. A., and Whitcomb, assignors.)
- White, Abraham. (See Forrest, H. O., Marek, and White.)
- White, Albert G., Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Blasting explosive cartridge. 2,048,831; July 28.
- White, Albert R., Glendale, Calif. Oil refiner. 2,064,097; Dec. 15.
- White, Allen, Newton, Kans. Propeller. 2,050,142; Aug. 4.
- White, Anna M., Philadelphia, and A. K. Siler, Penfield, assignors to G. A. Bisler, Inc., Philadelphia, Pa. Paper box structure. 2,033,020; Mar. 3.
- White Automatic Gun Corporation. (See White, Joseph C., assignor.)
- White, Byron E., assignor to Glove Casket Manufacturing Company, Kalamazoo, Mich. Surface ornamentation. 2,030,558; Feb. 11.
- White Cap Company. (See White, William P., assignor.)
- White, Carl B., Miami, Fla. Shoe plate. 2,065,255; Dec. 22.
- White, Chantilla E., assignor of one-half to J. A. White, Indianapolis, Ind. Overhead door. 2,033,893; Mar. 10.
- White, Charles B., Albany, N. Y. Making artificial stone and its removal from the mold. 2,053,858; Sept. 8.
- White, Charles F., Detroit, Mich. Automatic lighter and gas saver. 2,028,032; Jan. 14.
- White, Charles H., assignor to Deere & Company, Moline, Ill. Planter. 2,033,366; Mar. 10.
- White, Charles H., assignor to Deere & Company, Moline, Ill. Implement frame. 2,048,584; July 21.
- White, Clarence. (See Meredith, S. C., Alston, Winslow, and White.)
- White, Clarence, Walnut Park, and O. B. Graham, assignors to Oil Well Manufacturing Corporation, Los Angeles, Calif. Valve seat puller. 2,036,665; Apr. 7.
- White, Clarence, Walnut Park, and O. B. Graham, assignors to Oil Well Manufacturing Corporation, Los Angeles, Calif. Liner pulling device. 2,039,371; May 5.
- White, Clarence B., Montclair, N. J., assignor to Wm. E. Hooper & Sons Company, Baltimore, Md. Treating cotton fabric and product. 2,043,137; June 2.
- White, Clarence B., Montclair, assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Manufacture of rubber articles containing cotton fabric. 2,045,738; June 30.
- White, Clarence B., Montclair, N. J., assignor to Wm. E. Hooper & Sons Company, Baltimore, Md. Treating cotton fabric and product. 2,061,686; Nov. 24.
- White, Clyde L., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,060,917; Nov. 17.
- White, Douglas L., assignor to Hood Rubber Company, Inc., Watertown, Mass. Mixing mill. 2,030,949; Feb. 18.
- White, E. Ambrose. (See Goodwin, F., White, and Cady.)
- White, Ezekiel F., West Hartford, Conn. Apparatus for conditioning air. 2,053,647; Sept. 8.
- White, Forrest S., Hoosick Falls, and C. G. Bordeaux, Albany, N. Y. Heat radiator. 2,064,187; Dec. 15.
- White, Frank L. (See Brooker, L. G. S., and White.)
- White, George D., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,029,601; Feb. 4.
- White, George E. (See Marlies, C. A., and White.)
- White, George H., Hartford, Conn., assignor, by mesne assignments, to Macomic Corporation. Pattern selecting mechanism. 2,031,348; Feb. 18.
- White, George H., Hartford, Conn., assignor to C. A. Macomic, Chicago, Ill. Mold for type casting machines and the like. 2,037,204; Apr. 14.
- White, George H., Hartford, Conn., assignor to C. A. Macomic, Chicago, Ill. Aligning mechanism. 2,066,023; Dec. 29.
- White, George S. J. (See Piggott, H. A., and White.)
- White, Harlan B., Bogalusa, La. Washboard. 2,026,721; Jan. 7.
- White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Rubber covered attachment plug. 2,032,780; Mar. 3.
- White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Electrical connector. 2,054,612; Sept. 15.
- White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,064,397; Dec. 15.
- White, Harry B., Canton, Ohio, and B. C. Becker, York, Pa., assignors to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,026,808; Jan. 7.
- White, Harry C., assignor to J. Grant, Los Angeles, Calif. Jar. 2,056,496; Oct. 6.
- White, Henry, assignor, by mesne assignments, to Lester Hofheimer, New York, N. Y. Display apparatus and optical system. 2,042,815; June 2.
- White, Holice N., Cameron, Mo. Automobile power take-off mechanism. 2,031,399; Feb. 18.
- White, Holman H., Lansdowne, Pa., assignor to Parva Products Company, Chicago, Ill. Display spacer. 2,050,143; Aug. 4.
- White, James F., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of chlorine dioxide. 2,036,311; Apr. 7.
- White, James N., Denver, Colo. Apparatus for laundering clothes. 2,040,417; May 12.
- White, Joe, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Vibratory motor. 2,064,048; Dec. 15.
- White, John A. (See White, Chantilla E., assignor.)
- White, John F., Somerville, and W. S. Wilson, Boston, assignors to Merrimac Chemical Company, Inc., Everett, Mass. Manufacture of ferric sulphate. 2,045,625; June 30.
- White, John J., assignor to The Florsheim Shoe Company, Chicago, Ill. Making insoles. 2,036,842; Apr. 7.
- White, John W., Buffalo, N. Y., assignor, by mesne assignments, to General Motors Corporation. Hydraulic brake system. 2,030,340; Feb. 11.
- White, John W., Detroit, Mich. Vacuum operated switch. 2,049,531; Aug. 4.
- White, John W., Detroit, Mich., assignor, by mesne assignments, to General Motors Corporation. Brake mechanism. 2,041,890; May 26.
- White, John W., Detroit, Mich., assignor, by mesne assignments, to General Motors Corporation. Brake mechanism. 2,046,140; June 30.
- White, John W., Detroit, Mich., assignor, by mesne assignments, to General Motors Corporation. Brake. 2,050,681; Aug. 11.
- White, John W., Detroit, Mich., assignor, by mesne assignments, to General Motors Corporation. Brake actuating mechanism. 2,050,682; Aug. 11.
- White, John W., Detroit, Mich., assignor, by mesne assignments, to General Motors Corporation. Brake actuating mechanism. 2,050,683; Aug. 11.
- White, John W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake construction. 2,054,186; Sept. 15.
- White, Joseph, Concord, near Sydney, New South Wales, Australia, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,034,276; Mar. 17.
- White, Joseph C., Wakefield, Mass., assignor to White Automatic Gun Corporation, Portland, Me. Gun. 2,037,647; Apr. 14.
- White, L. J., and C. W. Munn, assignors of one-fourth to D. M. Huelsbeck, Milwaukee, Wis. Seaplane pontoon. 2,062,384; Dec. 1.
- White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Storage and dispensing apparatus for liquefied gases. 2,042,439; May 26.
- White, Martin H., Yonkers, N. Y. Plug fuse. 2,036,008; Mar. 31.
- White Metal Manufacturing Company. (See Witte, Paul, assignor.)
- White Motor Company, The. (See Alborn, Frank G., assignor.)
- White Motor Company, The. (See Boldt, Werner F., assignor.)
- White Motor Company, The. (See Brumbaugh, Andrew K., assignor.)
- White Motor Company, The. (See Daniels, Lee C., assignor.)
- White Motor Company, The. (See Kinney, Le Baron W., Jr., assignor.)
- White Motor Company, The. (See Vandervoort, Francis M., assignor.)
- White, Norman, and J. Denton-Thompson, London, England; said White assignor to said Denton-Thompson. Toilet case. 2,035,356; Mar. 24.
- White, Paul W., and P. Heinze, Chicago, Ill., assignors, by mesne assignments, to American Buckle Co., Inc., West Haven, Conn. Fastener. 2,045,935; June 30.
- White, Ralph E. (See Crawford, O. J., and Brown, assignors.)
- White, Ralph P., Los Angeles, Calif. Umbrella attachment for nozzles. 2,058,118; Oct. 20.
- White, Raymond M., Denver, Colo. Sugar carbonation process and apparatus. 2,064,135; Dec. 15.
- White, Robert H., Jr., and J. A. Vaughan, assignors to Industrial Research Corporation, Atlanta, Ga. Wood preservation and mode of treatment. 2,054,399; Sept. 15.
- White, Robert H., Jr., and J. A. Vaughan, assignors to Industrial Research Corporation, Atlanta, Ga. Wood preservation and mode of treatment. 2,054,400; Sept. 15.
- White, S. S., Dental Manufacturing Company, The. (See Angell, Robert C., assignor.)
- White, S. S., Dental Manufacturing Company, The. (See Angell, R. C., and Wadsworth, assignors.)
- White, Sidney Y., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron tube system. 2,032,193; Feb. 25.
- White, Sidney Y., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Receiver of high frequency electrical energy. 2,032,782; Mar. 3.
- White, Sidney Y., assignor, by mesne assignments, to Sonotone Corporation, New York, N. Y. Bone-conduction hearing-aid. 2,045,427; June 23.
- White, Stewart H., Port Angeles, Wash., assignor to General Electric Company. Electric brake. 2,066,131; Dec. 29.



- White, Tom C., Billings, Mont. Vehicle jack. 2,054,211; Sept. 15.
- White, Tom C., Billings, Mont. Detachable jack base. 2,060,543; Nov. 10.
- White, William C., Schenectady, and Thomas A. Elder, Scotia, N. Y., assignors to General Electric Company. Electron discharge device. 2,059,072; Oct. 27.
- White, William D., Greensboro, N. C. Combination tool. 2,052,331; Aug. 25.
- White, William H., Roanoke, Va., assignor to Morris B. Brewster Co. Inc., Chicago, Ill. Track sander. 2,030,669; Feb. 11.
- White, William M., Milwaukee, Wis. Hydraulic turbine. 2,028,368; Jan. 21.
- White, William M., Milwaukee, Wis. Impulse turbine bucket. 2,028,369; Jan. 21.
- White, William P., Glencoe, assignor to White Cap Company, Chicago, Ill. Package sealing apparatus. 2,041,891; May 26.
- White, William P., Glencoe, assignor to White Cap Company, Chicago, Ill. Closure cap for jars. 2,046,227; June 30.
- White, William P., Glencoe, assignor to White Cap Company, Chicago, Ill. Closure for packing vessels. 2,051,976; Aug. 25.
- White, William P., Glencoe, assignor to White Cap Company, Chicago, Ill. Packing apparatus. 2,057,464; Oct. 13.
- White & Wyckoff Mfg. Company. (See Bidwell, Paul W., assignor.)
- White & Wyckoff Mfg. Company. (See Schiller, Bernard, assignor.)
- White Castle System, Inc. (See Ingram, E. W., and Billings, assignors.)
- White Castle System of Eating Houses Corporation, The. (See Ray, Loyd W., assignor.)
- Whited, Milo O., near Centralia, Wash. Pneumatic wheel. 2,044,654; June 16.
- Whitehall, Earle L., Kankakee, Ill. Game-board or toy. 2,053,754; Sept. 8.
- Whitehall Patents Corporation. (See Marinsky, Davis, assignor.)
- Whitehall Patents Corporation. (See Morin, L. H., and Marinsky, assignors.)
- Whitehall Patents Corporation. (See Morin, Louis H., assignor.)
- Whitehead, Carle, et al. (See Low, Albert H., assignor.)
- Whitehead, Charles E., Pittsburgh, Pa. Auxiliary wheel for automobiles. 2,045,506; June 23.
- Whitehead, George E., Rhiwbina, near Cardiff, South Wales. Contacts for electric circuit breakers, switches, connectors and the like. 2,032,241; Feb. 25.
- Whitehead, Frederick A., Glassport, and F. L. Antisell, Pittsburgh, assignors to Copperweld Steel Company, Glassport, Pa. Apparatus for handling wire. 2,057,806; Oct. 20.
- Whitehead & Hoag Company, The. (See Hoag, Philip O., assignor.)
- Whitehead & Kales Company. (See Judd, Irving H., assignor.)
- Whitehead & Kales Company. (See Perkins, E. H., and Mills, assignors.)
- Whitehead, Oscar N., Wallingford, Conn., assignor to H. L. Judd Company, Inc., New York, N. Y. Road chair. 2,064,705; Dec. 15.
- Whitehead, Richard H., New Haven, Conn. Closure cap. 2,027,503; Jan. 14.
- Whitehead, Richard H., New Haven, Conn. Pinion for clocks and the like and making the same. 2,062,627; Dec. 1.
- Whitehead, Richard H., assignor to The New Haven Clock Company, New Haven, Conn. Clock case. 2,030,487; Feb. 11.
- Whitehead, Richard H., assignor to The New Haven Clock Company, New Haven, Conn. Alarm clock. 2,034,124; Mar. 17.
- Whitehead, Richard H., assignor to The New Haven Clock Company, New Haven, Conn. Watch construction. 2,039,672; May 5.
- Whitehead, Richard H., assignor to The New Haven Clock Co., New Haven, Conn. Electric timing mechanism. 2,064,043; Dec. 15.
- Whitehead, Richard H., and W. E. Porter, assignors to The New Haven Clock Co., New Haven, Conn. Automatic starting device for synchronous motors. 2,027,944; Jan. 14.
- Whitehead, Richard H., and W. E. Porter, assignors to The New Haven Clock Company, New Haven, Conn. Timing switch. 2,053,859; Sept. 8.
- Whitehead, William. (See Dreyfus, C., and Whitehead.)
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Fireproofing textile materials. 2,032,605; Mar. 3.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Manufacture of artificial materials. 2,032,606; Mar. 3.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Making colored textile yarns and fabrics. 2,042,751; June 2.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Textile yarns and fabrics and making same. 2,042,752; June 2.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Shaped textile articles and making same. 2,047,239; July 14.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Shaped textiles. 2,047,240; July 14.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Making filaments, films, and the like. 2,052,590; Sept. 1.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Apparatus for twisting filaments, etc. 2,052,683; Sept. 1.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Textile process. 2,053,305; Sept. 8.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Filaments, films and the like and making the same. 2,059,425; Nov. 3.
- Whitehead, William A. (See Quick, C. G., Ball, and Whitehead.)
- Whitehouse, Francis R. B., Edgbaston, Birmingham, England. Walking toy. 2,029,849; Feb. 4.
- Whitehouse, John N., New York, N. Y. Making coated rod-like articles. 2,028,083; Jan. 14.
- Whiteley, Austyn L., Rugby, England, assignor to General Electric Company. Control system. 2,052,263; Aug. 25.
- Whiteley, Charles J., Alhambra, Calif. Food grinder cover. 2,049,579; Aug. 4.
- Whiteley, Frank A., Minneapolis, Minn. Baseball pitching game device. 2,040,228; May 12.
- Whiteley, Frank A., Minneapolis, Minn. Furnace. 2,053,590; Sept. 8.
- Whiteley, Frank A., Minneapolis, Minn. Cabinet air-conditioner. 2,063,418; Dec. 8.
- Whiteley, Robert H., Oak Park, Ill., assignor to R. H. Whiteley, trustee. Self-lubricating universal bearing. 2,048,763; July 28.
- Whitlock, Leland D., Wilkinsburg, P. N. Bossart, Swissvale, W. P. Place, Wilkinsburg, and A. J. Sorensen, Edgewood, assignors to The Union Switch & Signal Company, Swissvale, Pa. Communicating system. 2,064,639; Dec. 15.
- Whiteman, Arthur T. (See Whiteman, James H., and A. T.)
- Whiteman, James H., and A. T., La Grande, Oreg. Hay fork. 2,049,679; Aug. 4.
- Whitenack Corporation. (See Whitenack, Mirl E., assignor.)
- Whitenack, Mirl E., St. Louis, Mo., assignor to Whitenack Corporation, Chicago, Ill. Electric control. 2,063,137; Dec. 8.
- Whitescarver, Charles T., assignor to A. C. Fisher, Chicago, Ill. Tunnel liner. 2,042,327; May 26.
- Whitesel, Harry A., Fort Wayne, Ind., assignor to General Electric Company. Cooling unit. 2,063,646; Dec. 8.
- Whitesell, John C., Jr., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Boat hull. 2,058,282; Oct. 20.
- Whiteside, Frederick W., Syracuse, N. Y. Device for applying and tightening the strings of tennis rackets. 2,040,194; May 12.
- Whiteside, Howard A., New York, N. Y. Brush rigging and end cap assembly for surgical motors and the like. 2,028,176; Jan. 21.
- Whiteside, Howard A., New York, N. Y. Motorized handpiece. 2,044,823; June 23.
- Whiteside, Howard A., New York, N. Y. Combined surgical motor and handpiece. 2,053,056; Sept. 1.
- Whiteside, Lawson H. (See Klouman, H., and Whiteside.)
- Whiteside, Robert B., Los Angeles, Calif. Fireworks tube container. 2,053,454; Sept. 8.
- Whitfield, Cleveland, and F. Georges, Albuquerque, N. Mex. Arch supporter. 2,027,757; Jan. 14.
- Whitfield, John W. and T. D., and H. Chapman, Cadishead, England. Filter. 2,054,577; Sept. 15.
- Whitfield, Richard B., Riverside, Calif. Combined coffee roaster and grinder. 2,045,211; June 23.
- Whitfield, Thomas D. (See Whitfield, John W. and T. D. and Chapman.)
- Whitford, Arley C., Alfred, N. Y., assignor to J. W. Allen and E. E. Kent, Newton, and H. W. Packer, Wellesley, Mass. Fiber liberation and infibrilized products thereof. 2,048,719; July 28.
- Whitin Machine Works. (See Aldrich, William O., assignor.)
- Whitin Machine Works. (See Kovar, John H., assignor.)
- Whitin Machine Works. (See Moss, Joseph, assignor.)
- Whitin Machine Works. (See Roddy, James V., assignor.)
- Whitin Machine Works. (See Thomas, H. L., and Truslow, assignors.)
- Whitin Machine Works. (See Truslow, James L., assignor.)
- Whitin Machine Works. (See West, George, assignor.)
- Whiting, Arthur C., Mount Vernon, N. Y. Cutting machine. 2,031,444; Feb. 18.
- Whiting Corporation. (See Young, Raymond E., assignor.)
- Whiting, Geo., Company. (See Parcells, Paul, assignor.)
- Whiting, William A., Southgate, Calif., assignor to American Concrete and Steel Pipe Company. Producing a smooth dense surface on concrete deposited against forms. 2,055,514; Sept. 29.
- Whiting, William S., Jr., assignor to The Champion Fibre Company, Canton, N. C. Cone manufacture. 2,056,636; Oct. 6.



- Whitley, William P., Clayton, assignor to Rawlings Manufacturing Company, St. Louis, Mo. Baseball glove or mitt. 2,031,808; Feb. 25.
- Whitlock Cordage Company. (See Brown, E. W., and Farrell, assignors.)
- Whitlock Cordage Company. (See Whitlock, Louis I., assignor.)
- Whitlock, Dana T., Lakewood, Ohio. Marine fender. 2,027,800; Jan. 14.
- Whitlock, Louis I., Elizabeth, N. J., assignor to Whitlock Cordage Company, New York, N. Y. Twine. 2,063,966; Dec. 15.
- Whitlock, Ralph G., Los Angeles, and L. Sharp, Huntington Park, Calif., assignors to Federal Foundation Inc., Las Vegas, Nev. Conduit cap. 2,060,840; Nov. 17.
- Whitlock, Ralph G., Los Angeles, and L. Sharp, Huntington Park, Calif., assignors to Federal Foundation Inc., Las Vegas, Nev. Closure for containers. 2,062,954; Dec. 1.
- Whitlock, Stanley J. (See Besler, W. J., and Whitlock.)
- Whitman, Bernard C., New York, N. Y. Continuous synchronized silhouette mat step printing apparatus for motion picture photography. 2,054,401; Sept. 15.
- Whitman, Channing, Buffalo, assignor to Flexlume Corporation, Tonawanda, N. Y. Beacon. 2,041,801; May 26.
- Whitman, Hyman L., Bridgewater, assignor to Hood Rubber Company, Inc., Watertown, Mass. Unified sole arch support. 2,054,151; Sept. 15.
- Whitman, Ray B., New York, N. Y. Label forming and attaching method and means. 2,042,816; June 2.
- Whitman Sound Systems, Ltd. (See Whitman, Stewart C., assignor.)
- Whitman, Stewart C., New York, N. Y. Apparatus and method for recording sound on film. 2,059,504; Nov. 3.
- Whitman, Stewart C., New York, N. Y., assignor to Whitman Sound Systems, Ltd., Dover, Del. Reproducing system for sound on films. 2,043,871; June 9.
- Whitman, Vernon E. (See Wheeler, H. A., Whitman, Case, and Swinyard.)
- Whitman, Walter G. (See Bahlke, W. H., and Whitman.)
- Whitman, William F., Enterprise, Oreg. Sharpener for safety razor blades. 2,052,508; Aug. 25.
- Whitmer, Robert P., and W. G. Macy, Bloomington, Ill. Air conditioning apparatus. 2,035,628; Mar. 31.
- Whitmire, LeRoy S. (See Kamerer, J. W., and Whitmire.)
- Whitmore, Ed., Modesto, Calif. Magnifying device. 2,057,807; Oct. 20.
- Whitmore, Frank C., State College, Pa., A. H. Homeyer, St. Louis, Mo., D. M. Jones, Forty Fort, and W. R. Trent, State College, Pa., assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Highly branched, long chain organic acids. 2,032,159; Feb. 25.
- Whitmore, Frank C., State College, Pa., and A. H. Homeyer, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Acyl halides of tertiary butyl acetic acid. 2,034,850; Mar. 24.
- Whitmore, Frank C., State College, Pa., and A. H. Homeyer, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Esters of tertiary butyl acetic acid. 2,052,995; Sept. 1.
- Whitmore, Frank C., State College, Pa., and A. H. Homeyer, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Substituted amides of tertiary butyl acetic acid. 2,060,154; Nov. 10.
- Whitmore, Horace B., San Francisco, Calif. Drier. 2,033,215; Mar. 10.
- Whitmore, Theodore F., and I. R. Rounsaville, Los Angeles, Calif. Shoe last. 2,046,353; July 7.
- Whitnall, George R., assignor to La-Del Conveyor & Mfg. Company, New Philadelphia, Ohio. Conveyor turn construction. 2,050,144; Aug. 4.
- Whitney, Alvin M., assignor to Celloseal Company, Bradford, Pa. Nonrefillable bottle. 2,030,617; Feb. 11.
- Whitney, Alvin M., assignor to Celloseal Company, Bradford, Pa. Bottle closure. 2,030,618; Feb. 11.
- Whitney Blake Company, The. (See Kingsbury, Fred B., assignor.)
- Whitney Chain & Mfg. Company, The. (See Belcher, Warren J., assignor.)
- Whitney Chain & Mfg. Company, The. (See Dow, Richard F., assignor.)
- Whitney Chain & Mfg. Company, The. (See Howison, Robert J., assignor.)
- Whitney, Charles S., Brooklyn, assignor to The Teleregister Corporation, New York, N. Y. Perforator. 2,028,264; Jan. 21.
- Whitney, Charles S., Brooklyn, and W. F. Quinby, assignors to The Teleregister Corporation, New York, N. Y. Phasing system. 2,034,364; Mar. 17.
- Whitney, Eddy R., Philadelphia, Pa. Trimming tool. 2,033,797; Mar. 10.
- Whitney, George W. (See Deitz, L. S., Jr., and Whitney.)
- Whitney, Gilbert C., New York, N. Y. Railway traffic controlling system. 2,033,965; Mar. 17.
- Whitney, Grenville. (See Southworth, E., and Whitney, assignors.)
- Whitney, Leslie D., San Francisco, Calif. Powder dispenser. 2,026,925; Jan. 7.
- Whitney, Maurice P. (See Hasbrouck, L. B., Mann, and Whitney.)
- Whitney, Maurice P., Elmira, assignor to Eclipse Machine Company, Elmira, N. Y. Coaster brake for bicycles. 2,031,994; Feb. 25.
- Whitney, Maurice P., assignor to Eclipse Machine Company, Elmira, N. Y. Backfire stop. 2,033,565; Mar. 10.
- Whitney, Maurice P., assignor to Eclipse Machine Company, Elmira, N. Y. Starter gearing. 2,059,073; Oct. 27.
- Whitney Metal Tool Company. (See Jensen, John, assignor.)
- Whitney, Robert F., Winchester, Mass., assignor to The Turner Tanning Machinery Company, Portland, Maine. Machine for operating upon hides, skins, and leather. 2,030,130; Feb. 11.
- Whitney, Robert F., Winchester, Mass., assignor to The Turner Tanning Machinery Company, Portland, Maine. Machine for operating upon hides, skins, and leather. 2,038,621; Apr. 28.
- Whitney, Robert F., Winchester, Mass., assignor to The Turner Tanning Machinery Company, Portland, Maine. Machine for operating upon hides, skins, and leather. 2,047,536; July 14.
- Whiton, Arthur L., Evanston, assignor to Chicago Mill and Lumber Company, Chicago, Ill. Collapsible box with end wall latches. 2,032,032; Feb. 25.
- Whiton, Herman F. (See Brack, J. D., and Whiton.)
- Whitsitt, William B., Baltimore, Md. Air distributing means for passenger cars. 2,027,259; Jan. 7.
- Whitsitt, William B., Baltimore, Md. Air conditioning apparatus. 2,046,666; July 7.
- Whitsitt, William B., Baltimore, Md. Drive gearing for axle generators. 2,053,983; Sept. 8.
- Whittaker, Charles C. (See Powers, F. B., and Whittaker.)
- Whittaker, Colin W. (See Lundstrom, F. O., and Whittaker.)
- Whittaker, Frederick A., deceased, by S. J. Whittaker, administrator, assignor to Marathon Company, Attleboro, Mass. Lighter. 2,053,455; Sept. 8.
- Whittaker, Lloyd E., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Lens mount. 2,027,411; Jan. 14.
- Whittaker, Lloyd E., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Combined closure and shutter drive. 2,059,426; Nov. 3.
- Whittaker, Sara J., administrator. (See Whittaker, Frederick A.)
- Whittaker, Wallace S. (See Geyer, H. D., and Whittaker.)
- Whittam, Benjamin B., Akron, Ohio. Compression joint. 2,063,967; Dec. 15.
- Whitted, John B., Chicago, Ill., assignor, by mesne assignments, to Houde Engineering Corporation, Buffalo, N. Y. Dash control valve. 2,040,193; May 12.
- Whitted, John B., Chicago, Ill., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,043,500; June 9.
- Whitted, John B., Evanston, assignor to Stewart-Warner Corporation, Chicago, Ill. Wiper arm and blade connection. 2,046,495; July 7.
- Whitted, John B., Evanston, assignor to Stewart-Warner Corporation, Chicago, Ill. Door latch and opening. 2,047,401; July 14.
- Whitted, John B., Evanston, assignor to Stewart-Warner Corporation, Chicago, Ill. Windshield wiper control clutch. 2,053,860; Sept. 8.
- Whitted, John B., Evanston, assignor to Stewart-Warner Corporation, Chicago, Ill. Windshield wiper. 2,053,861; Sept. 8.
- Whittlemore, Audenried. (See Straub, S. C., and Whittlemore.)
- Whittlemore Bros. Corp. (See Tibbott, David W., assignor.)
- Whittlemore, Clinton L., Jr., St. Louis County, assignor to Levering Laboratories, Incorporated, St. Louis, Mo. Vaporizing unit for therapeutic apparatus. 2,057,353; Oct. 13.
- Whittier, Albert E., Bristol, Conn. Thermometer. 2,031,624; Feb. 25.
- Whittier, Horace R., Pequabuck, assignor to The Cooper Oven Thermometer Company, Plymouth, Conn. Thermometer. 2,043,087; June 2.
- Whittington, Frederik G. (See Kirkpatrick, W. J., and Whittington.)
- Whittington, William P., Indianapolis, Ind. Heating system control. 2,065,778; Dec. 29.
- Whittle, Benjamin B., deceased, Oklahoma City, Okla., L. F. Whittle, executrix of said B. B. Whittle. Valve. 2,041,669; May 19.
- Whittle, Benjamin B., deceased, Oklahoma City, Okla., L. F. Whittle, executrix of will of said B. B. Whittle. Valve. 2,060,388; Nov. 10.
- Whittle, Horace, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission network. 2,041,098; May 19.
- Whittle, Horace, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Two-way carrier wave system. 2,058,198; Oct. 20.
- Whittle, Lessie F., executrix. (See Whittle, Benjamin B.)
- Whittles, George C., Irvington, assignor to Tobacco Machine Supply Company, Inc., Newark, N. J. Tobacco bunching machine. 2,038,866; Apr. 28.
- Whitton, Leon G., Los Angeles, Calif. Paper fastener. 2,052,509; Aug. 25.
- Whitworth, Francis T., Garfield, Utah. Flotation reagent. 2,038,400; Apr. 21.
- Whitworth, James, Nutley, N. J., assignor to Motion Displays, Inc. Animated display device. 2,059,296; Nov. 3.



- Whitworth, Stanley, assignor to Bendix Brake Company, South Bend, Ind. Brake shoe. 2,057,753; Oct. 20.
- Whitworth, Sir W. G. Armstrong, and Company (Engineers) Limited. (See Twisleton-Wykeham-Flennes, M. A., and Sweetser, assignors.)
- Whybrew, Ernest. (See Lindquist, D. E., Brown and Whybrew.)
- Whyte, Frederick M., Tarrytown, N. Y. Shears. 2,033,216; Mar. 10.
- Whyte, Frederick M., Tarrytown, N. Y. Shears. 2,059,074; Oct. 27.
- Whyte, Henry T., San Francisco, Calif. Apparatus for precooling refrigerator cars. 2,026,855; Jan. 7.
- Whyte, John. (See Hemingway, W., and Whyte.)
- Whyte, Samuel, Redhill, England. Fuels for internal combustion engines. 2,032,242; Feb. 25.
- Whyte, Samuel, Redhill, Surrey, assignor to Electric and Musical Industries Limited, Middlesex, England. Sound record. 2,028,854; Jan. 28.
- Whyt-Rox Chemical Company. (See Irwin, Chester M., assignor.)
- Wiard, Edward S., Englewood, Colo. Settled solids removing apparatus. 2,033,500; Mar. 10.
- Wicander, Olof H., Osmo, Sweden. Window having panes of cellulose acetate, cellophane, and the like. 2,063,901; Dec. 15.
- Wicha, Alois, Dresden, Germany, assignor to Erospha, Inc., Brooklyn, N. Y. Liquid and fluid actuating device. 2,030,131; Feb. 11.
- Wichman, Ralph D., Jr., and R. T. McClellan, assignor of one-fourth to E. J. Peterson, Sacramento, Calif., one-eighth to J. H. Littlehales, and one-eighth to C. A. Hellmann, Washington, D. C. Automatic interrupter for broadcast receivers. 2,055,164; Sept. 22.
- Wichmann, Johann, Köln-Klettenberg, Germany. Attaching a door handle or knob. 2,058,930; Oct. 27.
- Wichmann, John C., Chicago, Ill. Air conditioner. 2,028,814; Jan. 28.
- Wichmann, John C., Chicago, Ill. Combination cooler, refrigerator, and air conditioner. 2,064,044; Dec. 15.
- Wichmann, Paul C., assignor to Preplan, Incorporated, Cleveland, Ohio. Precast concrete cribbing. 2,034,851; Mar. 24.
- Wickenhiser, Christian, Detroit, Mich. Electrolytic bath for depositing chromium. 2,050,478; Aug. 11.
- Wickersham, Don P., and K. O. Waldvogel, assignors to The Johnson Manufacturing Company, Urbana, Ohio. Hygrometer. 2,035,932; Mar. 31.
- Wickersham, Elmer E., assignor to Caterpillar Tractor Co., San Leandro, Calif. Tractor. 2,034,125; Mar. 17.
- Wickersham, Harry P., et al. (See Black, Millard S., assignor.)
- Wickersham, Harry P. (See Burns, E., and Wickersham.)
- Wickersham, Harry P., and H. J. Craig, Los Angeles, Calif. Locked safety joint. 2,039,943; May 5.
- Wickersham, Harry P., Huntington Park, Calif., and H. J. Craig, Houston, Tex. Locked drilling safety joint. 2,039,945; May 5.
- Wickersheim, Lyle W., Essex Fells, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Power supply circuit. 2,045,428; June 23.
- Wickert, Jacob N., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Succinic acid esters of 2-ethylhexanol-1 and their production. 2,032,679; Mar. 3.
- Wickert, Jacob N., Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Dichlorodisopropyl ether and making the same. 2,052,264; Aug. 25.
- Wickes Bros. (See Floeter, Frederick S., assignor.)
- Wickes, Henry W., Winthrop, Mass. Bomb sight for drive bombing. 2,064,964; Dec. 22.
- Wickland, Algot A., Chicago, Ill. Metallurgical furnace. 2,034,071; Mar. 17.
- Wickliffe, C. A., et al. (See Nash, G. J., and Krauss, assignors.)
- Wickliffe, Charles A., U. S. Army, Fort Riley, Kans., assignor of thirty per cent to G. J. Nash, thirty per cent to W. C. Krauss, and forty per cent to himself. Automobile jack. 2,056,116; Sept. 29.
- Wickman, Leora M. (See Withey, John M., assignor.)
- Wickmann, Paul A., Berlin-Halensee, Germany, assignor of one-fourth to Sylvania Industrial Corporation, New York, N. Y. Insulator. 2,039,372; May 5.
- Wicks, Edward L., New Orleans, La. Automatic weighing machine. 2,041,629; May 19.
- Wicks, John, Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,040,637; May 12.
- Wicks, Milton O., Glen Cove, N. Y. Venetian blind and mechanism for operating the same. 2,029,143; Jan. 28.
- Wickstrom, Edgar A., Superior, Wis. Load weighing vehicle. 2,041,987; May 26.
- Wickwire Brothers. (See Wickwire, Charles C., assignor.)
- Wickwire, Charles C., assignor to Wickwire Brothers, Cortland, N. Y. Wire fabric machine. 2,051,587; Aug. 18.
- Wico Electric Company. (See Harmon, K. A., and Crocker, assignors.)
- Wico Electric Company. (See Harmon, K. A., and Louis, assignors.)
- Widdicombe, Charles P., Chicago, Ill., assignor to Sivyer Steel Casting Company, Milwaukee, Wis. Brake beam. 2,058,199; Oct. 20.
- Widdis, Albert L., Harrisville, Mich. Foot warming appliance. 2,052,857; Sept. 1.
- Widgren, Sefast, Los Angeles, Calif. Carburetor. 2,057,808; Oct. 20.
- Widell, Nils. (See Kögel, W. G., and Widell.)
- Wider, George J., Floral Park, assignor to Dreher Bros. & Wider, New York, N. Y. Funnel for use in spinning rayon and other synthetic threads. 2,060,964; Nov. 17.
- Wideröe, Rolf, Berlin-Karlshorst, Germany, assignor to General Electric Company. Electroresponsive apparatus. 2,027,214; Jan. 7.
- Widmaier, Charles K., Jr., Trenton, N. J. Stovepipe. 2,051,323; Aug. 18.
- Widman, Charles H., Detroit, Mich., assignor to The Murray Corporation of America. Barrel. 2,033,267; Mar. 10.
- Widman, Charles H., Detroit, Mich., assignor to The Murray Corporation of America. Barrel. 2,033,268; Mar. 10.
- Widman, Charles H., Detroit, Mich., assignor to The Murray Corporation of America. Metal barrel. 2,063,571; Dec. 8.
- Widman, Charles H., B. T. Lindell, and P. F. Seibold, Detroit, Mich., assignors to The Murray Corporation of America. Regulating temperature of contents of barrels. 2,059,297; Nov. 3.
- Widmann, Edward T., Washington, D. C. Massage implement. 2,044,112; June 16.
- Widmann, Eugene A., New York, N. Y. Seed germinating system. 2,040,161; May 12.
- Widmeier, Charles J., Philadelphia, Pa. Dart board. 2,060,405; Nov. 10.
- Widmer, Charles A., Fairlawn, N. J. Tool holder and post. 2,050,594; Aug. 11.
- Widmer, Gustave. (See Gams, A., Widmer, and Frey.)
- Widmer, John M., Cedar Rapids, Iowa, assignor to Penick & Ford, Ltd., Inc., New York, N. Y. Sugar manufacturing process. 2,032,160; Feb. 25.
- Widmer, Jules A., assignor to Taylor Instrument Companies, Rochester, N. Y. Recording device. 2,027,945; Jan. 14.
- Widmer, Stefan. (See Ehrensperger, C., Widmer, Gaudenzi, and Brunner.)
- Widmer, Stefan, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric current rectifying system. 2,063,281; Dec. 8.
- Widmer, Stefan, and M. Hürlimann, assignors to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Protective system. 2,052,814; Sept. 1.
- Widmer, Willi. (See Straub, F., Brunner, and Widmer.)
- Widugier, Edward, Torun, Poland. Building deep foundations. 2,065,003; Dec. 22.
- Wiebusch, Charles F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibration translating device. 2,032,194; Feb. 25.
- Wiechers, Benton T., assignor to Webster Electric Company, Racine, Wis. Flexible conduit connector. 2,065,297; Dec. 22.
- Wieczorek, Walter J., Battle Creek, Mich. Toy. 2,052,913; Sept. 1.
- Wiedbrauck, Erich, and K. Büche, assignors to the firm Th. Goldschmit, A-G., Essen-Ruhr, Germany. Making potash. 2,030,082; Feb. 11.
- Wiedeke, Gustav, Oakwood, assignor to Gustav Wiedeke Company, Dayton, Ohio. Tube cutter. 2,028,578; Jan. 21.
- Wiedeke, Gustav, Company. (See Wiedeke, Gustav, assignor.)
- Wiedeman, Oscar, Fall River, Mass. Manufacturing straw hats. 2,049,986; Aug. 4.
- Wiedemann, Karl, Leverkusen-I. G.-werk, H. Clingstein, Cologne-on-the-Rhine, H. Krzikalla, Ludwigshafen-on-the-Rhine, and W. Kuehne, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Copper and chromium containing acid monoazo dye-stuffs. 2,062,547; Dec. 1.
- Wiedenhoef, Arthur E., Chicago, Ill. Electric fixture. 2,052,433; Aug. 25.
- Wiedenhoef, Arthur E., and H. A. Best, Chicago, Ill. Lighting fixture. 2,038,817; Apr. 28.
- Wiedhoff, Alfred H., assignor of one-third to I. R. Heinz, and one-third to A. W. Lewis, Chicago, Ill. Oil filtering device. 2,056,756; Oct. 6.
- Wiedmaier, Arthur A., Cleveland, Ohio, assignor to Wiedmaier, Inc., Wilmington, Del. Power transmission mechanism. 2,053,929; Sept. 8.
- Wiedmaier, Inc. (See Wiedmaier, Arthur A., assignor.)
- Wiedmann, Ernst, and J. K. Douglas, assignors to The Oilgear Company, Milwaukee, Wis. Air drain valve. 2,046,228; June 30.
- Wiegand, Albert P. (See Wiegand, Edwin L. and A. P.)
- Wiegand, Edwin L. and A. P., Pittsburgh, Pa. Forming electrical resistor heating elements. 2,039,760; May 5.
- Wiegand, Erich, Berlin-Waidmannslust, Germany, assignor to General Electric Company. Electric discharge device or vacuum tube. 2,029,144; Jan. 28.
- Wiegand, Erich, Berlin-Waidmannslust, Germany, assignor to General Electric Company. Preparing metallic barium for introduction into electric discharge devices. 2,030,670; Feb. 11.
- Wiegand, Josef A., assignor of one-half to P. R. Weenink, The Hague, Netherlands. Tuning scale. 2,052,265; Aug. 25.



- Wiegand, Kurt, Berlin-Neu-Tempelhof, Germany, assignor to General Electric Company. Gaseous electric discharge lamp. 2,030,805; Feb. 11.
- Wiegand, Kurt, Berlin-Neu-Tempelhof, Germany, assignor to General Electric Company. Gaseous electric discharge device. 2,030,806; Feb. 11.
- Wiegand, Kurt, Berlin-Neu-Tempelhof, Germany, assignor to General Electric Company. Gaseous electric discharge lamp device. 2,030,807; Feb. 11.
- Wiegand, Kurt, Berlin-Neu-Tempelhof, Germany, assignor to General Electric Company. Gaseous electric discharge device. 2,042,136; May 26.
- Wiegand, Kurt, Berlin-Neu-Tempelhof, Germany, assignor to General Electric Company. Electric lamp unit. 2,056,633; Oct. 6.
- Wiegand, Kurt, Berlin-Tempelhof, Germany, assignor to General Electric Company. Gaseous electric discharge tubular lamp. 2,056,634; Oct. 6.
- Wiegand, Kurt, Berlin-Tempelhof, Germany, assignor to General Electric Company. Gaseous electric discharge device. 2,056,635; Oct. 6.
- Wiegand, William B., Sound Beach, Conn., assignor to Binney & Smith Company, New York, N. Y. Pigmented paints, varnishes, and lacquers, and manufacture of same. 2,045,006; June 23.
- Wiegandt, Paul C., Brooklyn, N. Y. Beater. 2,045,171; June 23.
- Wieger, Henry F., assignor of one-half to A. Casciani, Detroit, Mich. Construction of terrazzo and like floors. 2,045,936; June 30.
- Wiegman, Clarence H. (See Hoffman, S. K., and Wiegman.)
- Wieber, Hans G., and J. Lang, Chicago, Ill. Amusement device. 2,035,579; Mar. 31.
- Wieneke, Hans, Thalfang, near Berncastle, Germany. Reproducing crayon. 2,052,266; Aug. 25.
- Wiener, Herman. (See Rachlin, Max, assignor.)
- Wiener, Herman, Galion, Ohio. Tool holder. 2,034,453; Mar. 17.
- Wiener, Martin L., assignor to Cadaco, Ltd., San Leandro, Calif. Percussion toy. 2,032,161; Feb. 25.
- Wiener, Martin L., assignor to Ry-Lock Company Ltd., San Leandro, Calif. Venetian blind mounting and locking mechanism. 2,053,356; Sept. 8.
- Wiener, Martin L., assignor to Ry-Lock Company Ltd., San Leandro, Calif. Venetian blind. 2,064,094; Dec. 15.
- Wiener, Martin L., and W. F. Nelsen, assignors to Ry-Lock Company Ltd., San Leandro, Calif. Tilt rail support for Venetian blinds. 2,038,776; Apr. 28.
- Wiener, Martin L., and W. F. Nelsen, assignors to Ry-Lock Company Ltd., San Leandro, Calif. Venetian blind control mechanism. 2,041,892; May 26.
- Wier, Albert E., Brooklyn, N. Y. Roll bearing reproducible matter thereon and producing the same. 2,036,666; Apr. 7.
- Wiese, Lee O., Perry, Iowa. Repair element for worn plowshares. 2,051,234; Aug. 18.
- Wiesenfeld, Louis. (See Kase, Nathan.)
- Wiesjohn, Rudolph, New York, N. Y. Combined bathtub safety grip and towel rack. 2,045,815; June 30.
- Wiesman, William A., Dayton, Ohio. Guard for punch presses. 2,033,501; Mar. 10.
- Wiesman, William A., Dayton, Ohio. Guard for punch presses. 2,033,502; Mar. 10.
- Wiest, Horace G., West Lynn, Mass., assignor to General Electric Company. Constant current transformer. 2,036,786; Apr. 7.
- Wietzel, Gustav. (See Huettner, R., and Wietzel.)
- Wietzel, Gustav. (See Schiller, G., and Wietzel.)
- Wietzel, Gustav, Ludwigshafen-on-the-Rhine, and G. Schiller, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of unsaturated hydrocarbons. 2,060,356; Nov. 10.
- Wiewel, Walter H. (See Ryley, Alfred G., assignor.)
- Wiezevich, Peter J. (See Carlson, E. W., and Wiezevich.)
- Wiezevich, Peter J. (See Frolich, P. K., and Wiezevich.)
- Wiezevich, Peter J., Elizabeth, N. J. Refrigerator. 2,046,009; June 30.
- Wiezevich, Peter J., Elizabeth, N. J., assignor to Standard Oil Development Company. Preparing ceresin. 2,028,307; Jan. 21.
- Wiezevich, Peter J., Elizabeth, N. J., assignor to Standard Oil Development Company. Pyrolysis of acetic anhydride. 2,045,739; June 30.
- Wiezevich, Peter J., Elizabeth, N. J., assignor to Standard Oil Development Company. Production of oxalyl chloride. 2,055,617; Sept. 29.
- Wiezevich, Peter J., and P. K. Frolich, Elizabeth, N. J., assignors to Standard Oil Development Company. Preparation of aliphatic acid halides. 2,062,344; Dec. 1.
- Wigelsworth, Arthur E., Los Angeles, Calif. Method and apparatus for drying organic substances. 2,060,389; Nov. 10.
- Wiggers, Louis H., Cincinnati, Ohio. Multiple ashtray. 2,050,907; Aug. 11.
- Wiggert, John F., Lead, S. Dak. Automatic blasting fuse igniting device. 2,064,706; Dec. 15.
- Wiggin, Charles C., Sr. (See Munson, J. J., and Wiggin.)
- Wiggins, Dudley H., Indianapolis, Ind., assignor, by mesne assignments, to The Davison Chemical Corporation, Baltimore, Md. Medicament. 2,038,694; Apr. 28.
- Wiggins, Edward J., assignor to Leterstone Sales Company, Chicago, Ill. Insulated wire stripper. 2,054,529; Sept. 15.
- Wiggins, John H., Tulsa, Okla. Gas and liquid storage device. 2,050,405; Aug. 11.
- Wiggins, John H., Tulsa, Okla. Gas and liquid storage device. 2,050,684; Aug. 11.
- Wiggins, John H., Tulsa, Okla. Gas and liquid storage device. 2,050,685; Aug. 11.
- Wiggins, John H., Tulsa, Okla. Gas and liquid storage device. 2,050,686; Aug. 11.
- Wiggins, John H., Tulsa, Okla. Differential pressure valve. 2,052,332; Aug. 25.
- Wiggins, Lynn B., El Monte, Calif. Film magazine. 2,044,267; June 16.
- Wiggins, Richard B., San Antonio, Tex. Token. 2,063,356; Dec. 8.
- Wight, Edward H. (See Shoeld, Mark, assignor.)
- Wight, Roy R., Wichita Falls, Tex., assignor to The Texas Company, New York, N. Y. Displacement pump. 2,030,827; Feb. 11.
- Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,027,569; Jan. 14.
- Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Control device for railway traffic controlling systems. 2,038,093; Apr. 21.
- Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Approach locking for railways. 2,038,503; Apr. 21.
- Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Signaling system for railroads. 2,038,504; Apr. 21.
- Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,045,892; June 30.
- Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Railway traffic controlling system. 2,055,979; Sept. 29.
- Wightman, Andrew M., assignor to Rapid Roller Company, Chicago, Ill. Roller. 2,031,872; Feb. 25.
- Wik, Simon N. (See Bent, F. A., and Wik.)
- Wikander, Oscar R., Pittsburgh, assignor to Edgewater Steel Company, Oakmont, Pa. Multiple coil friction device. 2,043,566; June 9.
- Wikle, George F. (See Lehman, P. W., and Wikle.)
- Wikle, George F., Detroit, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Apparatus for splicing strip material. 2,035,682; Mar. 31.
- Wikle, George F., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Apparatus for winding fabric. 2,060,269; Nov. 10.
- Wikmanshytte Bruks Aktiebolag. (See Karlstrom, Karl J., assignor.)
- Wilbin Instrument Corporation. (See Ilemann, Emil A., assignor.)
- Wil-Bro Corporation. (See Williams, Benjamin F., assignor.)
- Wilbur, Lawrence. (See Crampton, Rollin M., assignor.)
- Wilbur, Lawrence S., Evanston, Ill. Process and apparatus for reclaiming oily waste packing. 2,047,448; July 14.
- Wilbur, Lawrence S., Evanston, Ill. Apparatus for handling and reclaiming waste and oil from used packing waste. 2,047,449; July 14.
- Wilbur, Lawrence S., Evanston, Ill. Reconditioning metal articles. 2,061,264; Nov. 17.
- Wilbur, Paul C. (See Ball, C. O., and Wilbur.)
- Wilbur, Peter L. (See Lucas, William B., assignor.)
- Wilbur, Robert M. (See Greene, E. W., and Wilbur.)
- Wilburn, John H., Jr., Texarkana, Tex. Hair curling device. 2,036,110; Mar. 31.
- Wilcolator Company, The. (See Fonseca, Edward L., assignor.)
- Wilcom, Frank, Okmulgee, Okla. Combination cup and plunger oil well pump. 2,057,754; Oct. 20.
- Wilcox, Albert C., assignor to The Enterprise Aluminum Company, Massillon, Ohio. Steam operated automatic electric switch plug. 2,030,083; Feb. 11.
- Wilcox, Albert C., Bridgeport, Ohio, assignor to Sullivan Machinery Company. Leading machine. 2,041,734; May 26.
- Wilcox & Bennett Manufacturing Company. (See Vaughn, Harold G., assignor.)
- Wilcox Company, The. (See Wilcox, Joseph S., assignor.)
- Wilcox, Duncan M., Smithills, Bolton, England, assignor of one-half to The British Steel Piling Company, Limited, London, England. Percussive tools such as hammers and pile drivers. 2,027,080; Jan. 7.
- Wilcox, Floyd T., assignor to T. H. Wilcox, Schenectady, N. Y. Boat. 2,053,755; Sept. 8.
- Wilcox, Francis W., Alhambra, assignor to Parkhill-Wade, Incorporated, Los Angeles, Calif. System for dispensing and metering volatile liquids. 2,049,239; July 28.
- Wilcox, Frank S., Union, S. C. Dyeing of skeins. 2,055,957; Sept. 29.
- Wilcox, Harold B., Avenal, Calif. Manometer. 2,038,777; Apr. 28.
- Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Container. 2,050,028; Aug. 4.
- Wilcox, John A., Huntington Beach, Calif. Liner washer. 2,042,817; June 2.



- Wilcox, Joseph S., assignor to The Wilcox Company, Athol, Mass. Apparatus for making combs. 2,031,400; Feb. 18.
- Wilcox, Ralph W., Plattsburg, N. Y. Guard attachment for coal chutes. 2,050,774; Aug. 11.
- Wilcox-Rich Corporation. (See Dyer, Harold I., assignor.)
- Wilcox-Rich Corporation. (See Jardine, Robert, assignor.)
- Wilcox-Rich Corporation. (See Schneider, George, assignor.)
- Wilcox Rich Corporation. (See Voorhies, Carl, assignor.)
- Wilcox, Thomas H. (See Wilcox, Floyd T., assignor.)
- Wilcox, Walter E., Roanoke, Va. Check valve. 2,034,786; Mar. 24.
- Wilcox, Warren N., Ventura, Calif. Indicator fuse. 2,052,267; Aug. 25.
- Wild, Alfred, Milwaukee, Wis. Pilot control means. 2,056,550; Oct. 6.
- Wild, Charles H., assignor to Burt Machine Company, Incorporated, Baltimore, Md. Carton filling machine. 2,027,946; Jan. 14.
- Wild, Charles H., assignor to Burt Machine Company, Incorporated, Baltimore, Md. Labeling machine for cylindrical and similar packages. 2,042,164; May 26.
- Wild, Gunther P., Philadelphia, Pa. Door fastener. 2,043,787; June 9.
- Wild, Julius E., Springfield, and W. E. Schwarzmans, Longmeadow, assignors to United American Bosch Corporation, Springfield, Mass. Regulating device for internal combustion engines. 2,031,625; Feb. 25.
- Wildeboer, Marinus, assignor, by mesne assignments, to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Support for light sources. 2,051,508; Aug. 18.
- Wilder, Allen B., assignor to Parkinson Heater Corporation, Chicago, Ill. Indirect water heater. 2,049,185; July 28.
- Wilder, George H., Arlington, N. J., assignor to Du Pont Viscoloid Company, Wilmington, Del. Manufacture of resins. 2,035,515; Mar. 31.
- Wilder, George H., Arlington, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of phenol-aldehyde resins. 2,058,649; Oct. 27.
- Wilder, Harold F., Bloomfield, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Interpolating circuit. 2,046,984; July 7.
- Wilder, Harold F., Chatham, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Controlling operating time of arc discharge devices. 2,053,016; Sept. 1.
- Wilder, Harold K., assignor to Kellogg Company, Battle Creek, Mich. Treating coffee. 2,027,801; Jan. 14.
- Wilder, Marshall P. (See Ressler, H. C., and Wilder.)
- Wilder, Roy F., et al. (See Dean, S. A., and Russell.)
- Wildermer, Clarence M., Moscow, Idaho. Centrifugal drier. 2,057,755; Oct. 20.
- Wildermuth, Edmund J., Kirkwood, Mo. Self-locking concrete block. 2,062,851; Dec. 1.
- Wildhaber, Ernest, Brooklyn, N. Y. Receiving pictures. 2,051,356; Aug. 18.
- Wildman Mfg. Co. (See Howie, Kenneth, assignor.)
- Wildt and Company. (See Kent, Alfred W., assignor.)
- Wildt and Company Limited. (See Holmes, Henry H., assignor.)
- Wildt and Company Limited. (See Holmes, H. H., and Robinson, assignors.)
- Wildt and Company Limited. (See Leedham, Leslie H., assignor.)
- Wile, Daniel D., assignor to Detroit Lubricator Company, Detroit, Mich. Valve. 2,051,509; Aug. 18.
- Wile, Daniel D., assignor to Detroit Lubricator Company, Detroit, Mich. Control means. 2,061,530; Nov. 17.
- Wile, Daniel D., assignor to Detroit Lubricator Company, Detroit, Mich. Refrigerating apparatus. 2,065,485; Dec. 22.
- Wiles, Russell, Chicago, Ill., assignor to Winchester Repeating Arms Co., New Haven, Conn. Small-bore target rifle. 2,062,079; Nov. 24.
- Wiley, Edgar C., assignor to Simplex Heating Specialty Company, Inc., Lynchburg, Va. Automatic regulating apparatus for steam heating systems. 2,031,445; Feb. 18.
- Wiley, Lee M., Marion, Ind., assignor to Delta Electric Company. Electric lantern. 2,053,591; Sept. 8.
- Wiley, Merlin et al., trustee. (See Ramage, Alexander S., assignor.)
- Wiley, Ralph M., et al. (See Grebe, J. J., Reilly, and Wiley.)
- Wiley, Raymond D., Dayton, assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Chart assembly. 2,063,715; Dec. 8.
- Wiley, Samuel, Metuchen, N. J. Pyrotechnic composition. 2,033,966; Mar. 17.
- Wiley, Samuel, Metuchen, N. J. Flare. 2,044,024; June 16.
- Wiley, Samuel, Metuchen, N. J. Discharger for pyrotechnic cartridges. 2,051,927; Aug. 25.
- Wiley, Samuel, Metuchen, N. J. Flare. 2,060,841; Nov. 17.
- Wiley, William R., Detroit, Mich., assignor to The Bassick Company, Bridgeport, Conn. Hood catch. 2,045,320; June 23.
- Wilford, Edward B., Merion, Pa. Aircraft. 2,045,623; June 30.
- Wilgus, Harold M., South Ozone Park, N. Y., assignor to Combustion Utilities Corporation, New York, N. Y. Ash disposal apparatus. 2,031,578; Feb. 18.
- Wilhelm, Arthur M., Randolph, N. Y. Landing indicator for airports. 2,043,847; June 9.
- Wilhelm, Arthur M., Randolph, N. Y. Landing indicator for airports. 2,055,370; Sept. 22.
- Wilhelm, Avery B., Miami, Fla., assignor to J. N. Ledbetter, 3d, New York, N. Y. Insulated container. 2,060,155; Nov. 10.
- Wilhelm, Ernest J., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Coating zinc or cadmium base metals. 2,035,380; Mar. 24.
- Wilhelm, Fred C., assignor to The Unipress Company, Incorporated, Minneapolis, Minn. Pressing machine. 2,059,295; Nov. 3.
- Wilhelm, Fresrich. (See Guhl, H., Dorl, and Gargel.)
- Wilhelm, Henry A., Milwaukee, Wis. Electrical controlling device. 2,062,345; Dec. 1.
- Wilhelm, John A., North Bend, and C. L. Blakely, Snoqualmie Falls, Wash. Steering gear. 2,044,893; June 23.
- Wilhelm, John A., North Bend, and C. L. Blakely, Snoqualmie Falls, Wash. Setting mechanism. 2,055,739; Sept. 29.
- Wilhelm, John H., Hamilton Beach, L. I., N. Y., assignor to Voices, Incorporated, Newark, N. J. Miniature phonograph. 2,034,888; Mar. 24.
- Wilhelm, John H., Hamilton Beach, Long Island, N. Y., assignor, by mesne assignments, to Voices, Incorporated, Newark, N. J. Miniature phonograph. 2,043,687; June 9.
- Wilhelm, Karl F. (See Böhm, Egon, assignor.)
- Wilhelm, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Automatic volume control. 2,040,967; May 19.
- Wilhelm, Karl, and E. Klotz, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Automatic gain control circuit. 2,046,141; June 30.
- Wilhelm, Robert M., Rockville Center, assignor to C. J. Tagliabue Mfg. Co., Brooklyn, N. Y. Dairy thermometer. 2,051,015; Aug. 11.
- Wilhelm, Walter W., Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Shoe polish can. 2,047,720; July 14.
- Wilhelm, Warner F., assignor to Patent Finance Corporation, Chicago, Ill. Fluid treating device. 2,038,071; Apr. 21.
- Wilhelm, Wilson A., Vernon, Tex. Hydraulic press. 2,055,831; Sept. 29.
- Wilhelmi, Alfred, Oberhausen, Rhineland, Germany, assignor to H. A. Brassert & Company Limited, London, England. Apparatus for indicating and recording the dust content of blast furnace gases. 2,063,775; Dec. 8.
- Wilhite, Ollie B. (See Munroe, C. J., and Wilhite.)
- Wilhelm, Christian, Philadelphia, Pa. Temperature indicator. 2,034,852; Mar. 24.
- Wilhelm, Christian, assignor, by mesne assignments, to Automatic Temperature Control Co., Inc., Philadelphia, Pa. Automatic control system. 2,046,860; July 7.
- Wilke, Ernst, Heidelberg, and F. Fried, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of carbon monoxide and hydrogen from methane. 2,042,285; May 26.
- Wilke, Wilhelm, assignor to Seidenwerk Spinnhutte Aktiengesellschaft, Hanover, Germany. Winding natural silk threads on bobbins. 2,063,282; Dec. 8.
- Wilke, Wilhelm, Mannheim, R. Stadler, Ziegelhausen, and F. Lappe, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Fuel for Diesel engines. 2,028,308; Jan. 21.
- Wilkening Manufacturing Company. (See Stumpf, John H., assignor.)
- Wilkins, Frances F., Lynchburg, Va. Measuring spoon. 2,034,733; Mar. 24.
- Wilkins, James M., assignor to Mueller Co., Decatur, Ill. Valve. 2,058,747; Oct. 27.
- Wilkins, James M., assignor to Mueller Co., Decatur, Ill. Valve. 2,058,748; Oct. 27.
- Wilkins, John, Glenside, assignor to Walter P. Miller Company, Incorporated, Philadelphia, Pa. Cellular box filler. 2,046,985; July 7.
- Wilkins, John, Glenside, and A. T. Wyker, assignors to Walter P. Miller Company, Incorporated, Philadelphia, Pa. Box and box construction. 2,036,975; Apr. 7.
- Wilkins, Richard A., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Welding rod alloys. 2,027,330; Jan. 7.
- Wilkins, Richard A., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Alloys. 2,035,414; Mar. 24.
- Wilkins, Richard A., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Alloy. 2,035,415; Mar. 24.
- Wilkins, Richard A., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Alloys. 2,052,523; Aug. 25.
- Wilkins, Roy, assignor to K. P. F. Electric Company, San Francisco, Calif. High tension disconnecting switch. 2,065,165; Dec. 22.
- Wilkins, William A., Schenectady, N. Y., assignor to General Electric Company. Device for sealing-off metal tanks. 2,032,862; Mar. 3.



- Wilkins, William A., Schenectady, N. Y., assignor to General Electric Company. Insulating and sealing means for electric discharge devices. 2,053,122; Sept. 1.
- Wilkinson, Alfred D., and J. R. Fanslow, Appleton, Wis., assignors, by mesne assignments, to K. C. M. Company, Dayton, Ohio. Method of and apparatus for maintaining uniformity in paper coatings. 2,064,776; Dec. 15.
- Wilkinson, Cleveland J., Moorpark, Calif. Oil well device. 2,033,409; Mar. 10.
- Wilkinson, George D., Chicago, and E. D. Pellegrin, Des Plaines, Ill., assignors to Cribben & Sexton Company, Chicago, Ill. Range. 2,028,636; Jan. 21.
- Wilkinson, George D., Oak Park, and E. D. Pellegrin, Des Plaines, assignors to Cribben & Sexton Company, Chicago, Ill. Range. 2,063,647; Dec. 8.
- Wilkinson, Kenyon F., San Juan, Tex., and J. L. Vaughn, Cicero, Ill. Coin chute. 2,038,330; Apr. 21.
- Wilkinson, Lester F. (See Duncan, R., and Wilkinson.)
- Wilkinson, Marjorie. (See Broun, Archibald C., assignor.)
- Wilkinson, Nathan, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Well drilling system. 2,026,600; Jan. 7.
- Wilkinson, Walter, Rye, assignor to Air Reduction Company, Incorporated, New York, N. Y. Manufacture of alcohols. 2,044,414; June 16.
- Wilkinson, Walter, Rye, N. Y., and J. L. Schlitt, Darien, Conn., assignors to Air Reduction Company, Incorporated, New York, N. Y. Separating the constituents of gaseous mixtures. 2,035,516; Mar. 31.
- Wilkinson, Walter, Rye, N. Y., and J. E. Schlitt, Darien, Conn., assignors to Air Reduction Company, Incorporated, New York, N. Y. Separation and recovery of krypton and xenon from gaseous mixtures containing them. 2,040,116; May 12.
- Wilkoif, Arthur E., Niles, Ohio, assignor, by mesne assignments, to Bocjl Corporation, Pittsburgh, Pa. Apparatus and process for purifying oil. 2,061,687; Nov. 24.
- Will & Baumer Candle Company. (See Guilfoil, Oscar D., assignor.)
- Will & Baumer Candle Company. (See Oberlander, Oscar W., assignor.)
- Will & Baumer Candle Company. (See Will, H. C., and Oberlander, assignors.)
- Will-Burt Company, The. (See Fisher, Arthur B., assignor.)
- Will-Burt Company, The. (See Hilty, E. H., and Umstott, assignors.)
- Will, Heinrich E., assignor of one-half to D. Dominicus, Remscheid-Vieringhausen, Germany. Treating wood. 2,064,965; Dec. 22.
- Will, Howard C., and O. W. Oberlander, assignors to Will & Baumer Candle Company, Inc., Syracuse, N. Y. Sanctuary lamp. 2,034,166; Mar. 17.
- Will, Walter G., Kenmore, assignor to Certain-teed Products Corporation, New York, N. Y. Wall construction. 2,055,760; Sept. 29.
- Willach, Bernard, Sellersville, Pa., assignor to United States Gauge Company, New York, N. Y. Low pressure gauge of the diaphragm type. 2,046,539; July 7.
- Willamette-Hyster Company. (See McNeil, Donald J., assignor.)
- Willans, Peter W., Hampstead, London, assignor to Electric and Musical Industries Limited, Middlesex, England. Reduction of interference in thermionic valve circuits. 2,038,879; Apr. 28.
- Willard, George T., St. Louis, Mo. Railway tie plate. 2,054,352; Sept. 15.
- Willard, Hobart H. (See Spokes, R. E., and Willard.)
- Willard Manufacturing Corporation. (See Gegenheimer, William, assignor.)
- Willard, Paul F., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,042,873; June 2.
- Willard Storage Battery Company. (See Altmayer, Frank, assignor.)
- Willard Storage Battery Company. (See Dunzweiler, Carl J., assignor.)
- Willard Storage Battery Company. (See Dunzweiler, C. J., and Raney, assignors.)
- Willard Storage Battery Company. (See Dunzweiler, C. J., and Zachlin, assignors.)
- Willard Storage Battery Company. (See Lormor, Henry W., assignor.)
- Willard Storage Battery Company. (See Reinhardt, Willard L., assignor.)
- Willard Storage Battery Company. (See Reinhardt, W. L., and Wells, assignors.)
- Willats, Henry B., and L. A. Alvarez, San Francisco, Calif. Jogger for a printing press. 2,060,270; Nov. 10.
- Willauer, David. (See Garnet, John E., assignor.)
- Willby, Norman H. (See Brooks, R. R., Willby, and Austin.)
- Willcox, Charles L., Atlanta, Ga. Razor blade reconditioning device. 2,061,444; Nov. 17.
- Willcox, Charles L., Atlanta, Ga. Safety razor. 2,061,445; Nov. 17.
- Willcox, George B. (See Slater, Franklin A., assignor.)
- Willcox, John T. A., Le Haguais, Samares, G. Pooley, Avonwich, St. Clements, and H. M. Bonnaud, La Mare, Samares, Jersey, Channel Islands. Nonrefillable bottle. 2,043,138; June 2.
- Wille, Karl, and E. Fritsch, assignors to Rosing-Muhlen Aktiengesellschaft, Duisburg, Germany. Making baked goods for diabetics. 2,043,139; June 2.
- Willems, Henry J., Kenosha, Wis. Combination frozen confection. 2,048,364; July 21.
- Willenberg, Carl O., Long Beach, Calif. Pipe armor. 2,057,176; Oct. 13.
- Willenberg, Walter J., Weehawken, assignor to United States Fire Protection Corporation, Hoboken, N. J. Analyzing gases by differential thermal conductivity measurements. 2,042,646; June 2.
- Willenberg, Walter J., Weehawken, assignor to United States Fire Protection Corporation, Hoboken, N. J. Protecting combustibles. 2,049,987; Aug. 4.
- Willens, George, Chicago, Ill. Display device. 2,057,465; Oct. 13.
- Willer, Nicholas L., assignor to Railway Utility Company, Chicago, Ill. Ventilating device for cars. 2,063,283; Dec. 8.
- Willets, Elwood H., Jackson Heights, N. Y. Semitrailer. 2,038,975; Apr. 28.
- Willett, Charles G., and G. W. Betteridge, Grand Rapids, Mich., said Betteridge assignor to said Willett. Road scraper. 2,055,886; Sept. 29.
- Willett, Lorey C., et al. (See Becklin, Herman O., assignor.)
- Willett, Thomas H., et al. (See Becklin, Herman O., assignor.)
- Willets, Paul G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for molding refractory blocks and the like. 2,057,466; Oct. 13.
- Willey, Edward A., assignor to Converse Rubber Company, Malden, Mass. Shoe press. 2,059,831; Nov. 3.
- Willey, Edward A., and E. F. Casey, assignors to Converse Rubber Company, Malden, Mass. Cementing machine. 2,061,053; Nov. 17.
- Willging, Louis F., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Automatic overload control in radio sets. 2,062,691; Dec. 1.
- Willi, Albert B., assignor to The Federal-Mogul Corporation, Detroit, Mich. Cylinder head. 2,060,407; Nov. 10.
- Williams, Albert J., Jr. (See Quereau, J. F., and Williams.)
- Williams, Albert J., Jr., assignor to Leeds & Northrup Company, Philadelphia, Pa. Voltage regulating system. 2,032,455; Mar. 3.
- Williams, Albert J., Jr., assignor to Leeds & Northrup Company, Philadelphia, Pa. System for generating alternating current. 2,034,787; Mar. 24.
- Williams, Alfred O. (See Burrows, R. J., and Williams.)
- Williams, Alfred O., assignor to Clark Tractor Company, Battle Creek, Mich. Signal means for rail cars. 2,059,718; Nov. 3.
- Williams, Allen S., Washington, D. C. Plasterer's center ribbed aluminum darby. 2,048,529; July 21.
- Williams, Allison R., Yazoo City, Miss. Method of and apparatus for evaluating electrical service. 2,039,863; May 5.
- Williams, Alonzo J., McLoud, Okla. Syringe. 2,065,779; Dec. 29.
- Williams, Benjamin F., assignor to Wil-Bro Corporation, San Francisco, Calif. Valve. 2,065,637; Dec. 29.
- Williams, Bernard. (See Wixson, S. L., and Williams.)
- Williams, Carl B., Jr., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting machine. 2,035,580; Mar. 31.
- Williams, Carl S., Woodbridge, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Inhibitor for rubber vulcanization. 2,034,889; Mar. 24.
- Williams, Charles B., Shaker Heights, Ohio. Wringer. 2,056,105; Sept. 29.
- Williams, Charles B., Shaker Heights, Ohio. Wringer. 2,060,710; Nov. 10.
- Williams, Charles G., Fairfield, Conn., assignor, by mesne assignments, to American Chain Company, Inc., New York, N. Y. Safety guard for highways. 2,039,617; May 5.
- Williams, Charles L., Los Angeles, Calif., W. I. Heffron, trustee in estate of C. L. Williams, bankrupt. Liquid spraying device. 2,038,778; Apr. 28.
- Williams, Charlie R., Seattle, Wash. Rubber shield tee. 2,033,269; Mar. 10.
- Williams, Chester I., assignor to E. De Vowe, Grand Rapids, Mich. Concrete form appliance. 2,048,151; July 21.
- Williams, Clark E., Stuart, Iowa. Corn husking device. 2,050,744; Aug. 11.
- Williams, Clinton F., and H. Gruner, assignors to Williams Iron Works Company, Tonkawa, Okla. Drill bit. 2,058,749; Oct. 27.
- Williams, Clinton F., and H. Gruner, assignors to Williams Iron Works Company, Tonkawa, Okla. Drill bit. 2,058,750 Oct. 27.
- Williams, Clyde E., D. E. Krause, and C. H. Lorig, assignors to The Battelle Memorial Institute, Columbus, Ohio. Cast iron and making the same. 2,048,309; July 21.
- Williams, David M., Godwin, N. C. Gun. 2,027,892; Jan. 14.
- Williams, David M., Godwin, N. C. Belt feeding means for guns. 2,027,893; Jan. 14.
- Williams, David S., Portland, Oreg. Water closet. 2,043,821; June 9.
- Williams, Edwin A., Springfield, Pa., assignor to General Electric Company. Fuse. 2,043,024; June 2.



- Williams, Elmer R., Tulsa, Okla. Liquid dispenser. 2,031,873; Feb. 25.
- Williams, Ernest, Pittsfield, Mass., assignor to General Electric Company. Electric switch. 2,030,671; Feb. 11.
- Williams, Ernest A., Cincinnati, and A. F. Berger, Columbus, Ohio, assignors to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 2,030,950; Feb. 18.
- Williams, Ernest K. (See Seitz, J. J., and Williams.)
- Williams, Eugene D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting machine. 2,035,581; Mar. 31.
- Williams, Evan C., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Repellent and/or fumigant. 2,043,941; June 9.
- Williams, Evan C., and C. C. Allen, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of valuable products from unsaturated compounds and hydrogen sulphide. 2,052,268; Aug. 25.
- Williams, Floyd J., Oklahoma City, Okla. Freezing tray agitator. 2,061,819; Nov. 24.
- Williams, Frank I., Boston, Mass. Centrifugal machine. 2,040,351; May 12.
- Williams, Frank I., Boston, Mass. Driving mount for centrifugals. 2,040,352; May 12.
- Williams, Franklin G., Washington, D. C. Sea water thermometer. 2,048,720; July 28.
- Williams, Franklin G., Washington, D. C. Optical testing stand. 2,052,591; Sept. 1.
- Williams, Frederick J., Bellaire, N. Y., and H. Howorth, Cumberland, Md., assignors to Celanese Corporation of America. Applying liquid. 2,053,306; Sept. 8.
- Williams, Frederick S., New York, N. Y., assignor, by mesne assignments, to Vaco Products, Inc. Control device. 2,053,886; Sept. 8.
- Williams, George K., Port Pirie, South Australia, Australia. Refining lead. 2,043,524; June 9.
- Williams, George M. (See Bergohoff, J. J., Boman, and Williams.)
- Williams, George N., assignor to Continental Steel Corporation, Kokomo, Ind. Method and machine for drawing or pulling wire. 2,029,206; Jan. 28.
- Williams, George W. (See Larsen, A., and Williams.)
- Williams, Gilbert H., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,038,153; Apr. 21.
- Williams, Gurdon H., Birmingham, Ala. Lighting control apparatus for alldromes. 2,052,333; Aug. 25.
- Williams, Harold W. (See Bouton, E. M., Clark, and Williams.)
- Williams, Harold W. (See Bouton, E. M., and Williams.)
- Williams, Harold W., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator control system. 2,064,045; Dec. 15.
- Williams, Harold W., Chicago, Ill., and W. F. Eames, Pittsburgh, Pa., assignors to Westinghouse Electric Elevator Company, Chicago, Ill. Signal system for elevators. 2,042,201; May 26.
- Williams, Harrison R., New York, N. Y. Aligning calender rolls. 2,054,530; Sept. 15.
- Williams, Harry, Birmingham, Mich., assignor to American Cable Company, Inc., New York, N. Y. Power transmitting device. 2,034,219; Mar. 17.
- Williams, Harry C., Louisville, Ky. Combined cabinet and table. 2,059,994; Nov. 3.
- Williams, Harry E., Los Angeles, Calif. Amusement apparatus. 2,044,268; June 16.
- Williams, Harry M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,035,734; Mar. 31.
- Williams, Harry M., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,044,600; June 16.
- Williams, Harry M., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigeration. 2,049,790; Aug. 4.
- Williams, Herbert E. (See Clayton, R. H., Williams, and Avery.)
- Williams, Hiram A., assignor to The Stackpole Carbon Company, St. Marys, Pa. Resistor. 2,063,357; Dec. 8.
- Williams, Hubert L., Detroit, Mich., assignor to The New York Central Railroad Company. Anchoring means for hold-down devices or elements. 2,052,914; Sept. 1.
- Williams, Hubert L., assignor, by mesne assignments, to The New York Central Railroad Company, Detroit, Mich. Auto boxcar. 2,062,243; Nov. 24.
- Williams, Ira. (See Calcott, W. S., Williams, and Dales.)
- Williams, Ira, Woodstown, and C. C. Smith, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticizing rubber. 2,064,580; Dec. 15.
- Williams, Ira, and C. W. Croco, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of thiuram monosulphides. 2,048,043; July 21.
- Williams Iron Works Company. (See Williams, C. F., and Gruner, assignors.)
- Williams, James Brooklyn, N. Y. Buckle. 2,058,931; Oct. 27.
- Williams, James F., Niagara Falls, Ontario, Canada, assignor to General Motors Corporation, Detroit, Mich. Cutting and abrading machine and process. 2,030,023; Feb. 4.
- Williams, James H., assignor to General Fire Extinguisher Company, Providence, R. I. Valve or drain plug. 2,028,177; Jan. 21.
- Williams, James R., Quincy, Ill. Brooder. 2,039,673; May 5.
- Williams, John, Brandon, Manitoba, Canada. Door check. 2,056,876; Oct. 6.
- Williams, John, Jersey City, N. J., assignor to H. L. Burkitt, New York, N. Y. Musical instrument. 2,060,357; Nov. 10.
- Williams, John C., Oakland, Calif. Method of and device for deep sea dredging. 2,039,944; May 5.
- Williams, John J. (See Gray, D. M., and Williams, assignors.)
- Williams, John L., Jackson, Tenn. Jail door and operating mechanism. 2,050,987; Aug. 11.
- Williams, Lawrence S., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,027,504; Jan. 14.
- Williams, Leo C. (See Daneke, D., and Williams.)
- Williams, Leo L., Cleveland Heights, Ohio. Making moldings. 2,027,215; Jan. 7.
- Williams, Leroy E., assignor to Highway Trailer Company, Edgerton, Wis. Door lock. 2,041,099; May 19.
- Williams, Lester J., assignor to Carl Braun, Inc., Canastota, N. Y. Assembly mechanism for can and cover washing machines. 2,061,180; Nov. 17.
- Williams, Lewis E., Long Beach, Calif. Detachable tag. 2,046,354; July 7.
- Williams, Lewis E., Long Beach, Calif. Detachable tag. 2,065,916; Dec. 29.
- Williams, Lewis E., Long Beach, Calif. Detachable tag. 2,065,917; Dec. 29.
- Williams, Lynn A., Jr. (See Davis, E. W., and Williams.)
- Williams, Lynn A., Evanston, assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,047,132; July 7.
- Williams Oil-O-Matic Heating Corporation. (See Celander, Philip A., assignor.)
- Williams Oil-O-Matic Heating Corporation. (See Celander, P. A., and Hollatz, assignors.)
- Williams Oil-O-Matic Heating Corporation. (See Hollatz, Arthur C., assignor.)
- Williams Oil-O-Matic Heating Corporation. (See Zellhoefer, Glenn F., assignor.)
- Williams, Oscar J., Bakersfield, Calif. Formation testing and core taking device. 2,058,119; Oct. 20.
- Williams, Oswald O. (See Cartzdafner, R. E., and Williams.)
- Williams, Owen J., Orchard Park, N. Y. Caster raising and lowering mechanism. 2,042,489; June 2.
- Williams, P. P., et al. (See Stewart, Emmitt L., assignor.)
- Williams Patent Crusher and Pulverizer Company. (See Kuhlengel, Louis R., assignor.)
- Williams Patent Crusher and Pulverizer Company. (See Schneider, E. F., and Kuhlengel, assignors.)
- Williams, Percy N., Tucson, Ariz. Orthodontic appliance. 2,029,904; Feb. 4.
- Williams, Philip A., Fresno, Calif. Cotton seed delinting machine. 2,039,865; May 5.
- Williams, Philip S., Oakland, Calif. Apparatus for measuring temperatures. 2,028,888; Jan. 28.
- Williams, Philip S., and O. W. Johnson, Palo Alto, Calif. Apparatus for measuring temperatures. 2,028,887; Jan. 28.
- Williams, Philip S., and O. W. Johnson, Palo Alto, Calif. Apparatus for preventing back flash in gas lines. 2,058,650; Oct. 27.
- Williams, Philip S., Richmond, and G. E. Mineard, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Volume measuring device. 2,044,866; June 23.
- Williams, Ralph, Sidney, New South Wales, Australia. Method and apparatus for constructing pipe. 2,060,544; Nov. 10.
- Williams, Ralph C., Brooklyn, N. Y. Internal combustion engine. 2,040,418; May 12.
- Williams, Ralph M., assignor to Packard Motor Car Company, Detroit, Mich. Circuit breaker. 2,030,488; Feb. 11.
- Williams, Richard N., U. S. Navy. Airplane and parachute connecting device. 2,057,699; Oct. 20.
- Williams, Robert G., assignor to The Usona Manufacturing Company, Toledo, Ohio. Portable lamp construction. 2,059,977; Nov. 3.
- Williams, Robert L., Newton, assignor to Submarine Signal Company, Boston, Mass. Oscillator mounting. 2,033,165; Mar. 10.
- Williams, Robert L., Newton, assignor to Submarine Signal Company, Boston, Mass. Indicating device. 2,054,109; Sept. 15.
- Williams, Robert R., Roselle, and A. R. Kemp, Westwood, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Producing insulation for submarine cables. 2,031,916; Feb. 25.
- Williams, Robert R., Roselle, and R. E. Waterman, Orange, N. J., assignors to Research Corporation, New York, N. Y. Obtaining vitamins. 2,049,988; Aug. 4.
- Williams, Rowland T. D., New Town, Hobart, Tasmania, and A. S. Gill, Hobart, Tasmania, Australia. Bearing metal alloy. 2,055,740; Sept. 29.
- Williams, Roy C., Wayne, Ohio. Lower valve puller. 2,062,955 Dec. 1.
- Williams, Roy R., Detroit, Mich. Stamp display and vending device. 2,044,141; June 16.
- Williams, Samuel B., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone exchange system. 2,030,419; Feb. 11.



- Williams, Selden T., Bellerose, assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Tire valve tool. 2,026,926; Jan. 7.
- Williams, Selden T., Bellerose, assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Pressure gauge. 2,049,532; Aug. 4.
- Williams, Sidney D., Canton, Ohio, assignor to Copperweld Steel Company, Glassport, Pa. Bimetallic wire. 2,036,667; Apr. 7.
- Williams, Stanley, and M. A. Bornstein, Honesdale, Pa. Loose reed for looms. 2,057,756; Oct. 20.
- Williams, Thomas C., and S. A. Shorter, Didsbury, Manchester, assignors to The British Cotton Industry Research Association, Manchester, England. Method and apparatus for separating component materials comprised in a mixture. 2,062,626; Dec. 1.
- Williams, Thomas D., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Heat treating apparatus. 2,050,029; Aug. 4.
- Williams, Thomas H., assignor to National Rubber Machinery Company, Akron, Ohio. Extruding machine. 2,057,467; Oct. 13.
- Williams, Ulmont B. (See Stoney, J. T., and Williams.)
- Williams, Vernon H., Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Blasting assembly. 2,031,084; Feb. 18.
- Williams, Villor P., assignor to E. W. Gomborov, Baltimore, Md. Bumper. 2,031,349; Feb. 18.
- Williams, Walden R., Paradise, Calif. Exercising apparatus. 2,054,402; Sept. 15.
- Williams, Wajter W., et al. (See Witherell, Robert R., assignor.)
- Williams, Walter W., Bloomington, Ill. Compressor. 2,035,854; Mar. 31.
- Williams, Walter W., Bloomington, Ill. Lubricating system. 2,039,469; May 5.
- Williams, Walter W., Bloomington, Ill. Stuffing box. 2,042,691; June 2.
- Williams, Walter W., Bloomington, Ill. Lubricating system. 2,044,269; June 16.
- Williams, Walter W., Bloomington, Ill. Refrigerating mechanism. 2,046,667; July 7.
- Williams, Walter W., Bloomington, Ill. Cooling unit. 2,053,387; Sept. 8.
- Williams, Wesley I. (See Loehnis, J. L., and Williams.)
- Williams, Winfield S. (See Haynes, Frank A., assignor.)
- Williams, Zebulin D., Monroe, N. C. Dasher. 2,053,592; Sept. 8.
- Williamson, Arba G., Carnegie, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,028,370; Jan. 21.
- Williamson, Clarence H., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Railway car type container. 2,049,989; Aug. 4.
- Williamson, Donald B., Pittsburgh, Pa. Pilot controlled valve. 2,040,229; May 12.
- Williamson, Evan D., assignor to E. D. Bullard Company, San Francisco, Calif. Lamp. 2,051,324; Aug. 18.
- Williamson, Frank E., Reigate, England. Device for catching crown corks and like bottle-closures. 2,029,804; Feb. 4.
- Williamson, George A. (See Muter, A. J., and Tydeman, assignors.)
- Williamson, George A., Hygh Wycombe, and P. Holmes and J. Blackwood, Southall, England, assignors to The Firestone Tire and Rubber Company, Akron, Ohio. Mechanism for intermittently operating a member or element. 2,044,928; June 23.
- Williamson Heater Company, The. (See Waymeyer, Henry, assignor.)
- Williamson, Henry C., assignor to The Beckley-Ralston Co., Chicago, Ill. Pressure control mechanism for draft tubes. 2,061,642; Nov. 24.
- Williamson, Ralph E. (See John, O., and Williamson.)
- Williamson, Robert B., deceased, late of Milwaukee, Wis., by First Wisconsin Trust Company, executor, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Dynamo-electric machine ventilation. 2,033,058; Mar. 3.
- Williamson, Robert B., deceased, late of Milwaukee, Wis., by First Wisconsin Trust Company, executor, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Dynamo-electric machine rotor construction. 2,033,059; Mar. 3.
- Williamson, Roger W., Baltimore, Md. Laminated material. 2,037,294; Apr. 14.
- Williamson, Rov C., Fort Worth, Tex. Well pumping and flowing mechanism. 2,064,966; Dec. 22.
- Willing, Joseph E., assignor to General Railway Signal Company, Rochester, N. Y. Railway signaling system. 2,038,094; Apr. 21.
- Willis, Charles C. (See Chadwick, J. H., and Willis.)
- Willis, Charles C. (See Dickhaut, C. A., and Willis.)
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve converting system. 2,034,126; Mar. 17.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve converting system. 2,036,843; Apr. 7.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve rectifying system. 2,063,648; Dec. 8.
- Willis, Clodius H., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 2,036,844; Apr. 7.
- Willis, Clodius H., Princeton, N. J., and B. D. Bedford, Schenectady, N. Y., assignors to General Electric Company. Electric power converting apparatus. 2,059,832; Nov. 3.
- Willis, Clodius H., Princeton, N. J., and Burnice D. Bedford, Schenectady, N. Y., assignors to General Electric Company. Electric power converting apparatus. 2,060,650; Nov. 10.
- Willis, Edward J., Richmond, Va. Navigating instrument. 2,064,236; Dec. 15.
- Willis, Elijah J. (See Kaemmerlen, C. F., and Willis.)
- Willis, Frank W. (See Pickering, A. V., and Willis.)
- Willis, Harry L., Grand Rapids, Mich., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine installation. 2,051,666; Aug. 18.
- Willis, Harry L., Grand Rapids, Mich., assignor to Union Special Machine Company, Chicago, Ill. Needle guard for sewing machines. 2,056,551; Oct. 6.
- Willis, Horace H., Pelham, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Spherometer. 2,052,153; Aug. 25.
- Willis, Houston L., Glouster, Ohio. Closure for containers. 2,051,235; Aug. 18.
- Willis, John J., assignor of one-fifth to M. Willis, Comstock, N. Y. Coin detector. 2,044,824; June 23.
- Willis, Le Roy W., Stamford, Conn., assignor to Intertype Corporation, Brooklyn, N. Y. Line casting machine. 2,053,232; Sept. 1.
- Willis, Martin. (See Schroder, F. W., and Willis.)
- Willis, Mary. (See Willis, John J., assignor.)
- Willis, William A. (See Neilson, J. R., B., and Willis.)
- Willkie, Herman F., Windsor, Ontario, Canada, assignor to Continental Distilling Corporation, Philadelphia, Pa. Purifying distilled alcoholic spirits. 2,050,908; Aug. 11.
- Willman, Daniel, Hartford City, Ind. Metal fence post. 2,064,237; Dec. 15.
- Willman, Joseph J., Memphis, Tenn. Horse collar. 2,045,432; June 23.
- Willmann, Joseph, Derby, Conn. Tempering cream. 2,037,405; Apr. 14.
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Shipping container. 2,042,440; May 26.
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Shipping container. 2,042,441; May 26.
- Wills, Edward K., and J. H. McElhannon, Corpus Christi, Tex. Air washer. 2,030,341; Feb. 11.
- Wills, Harry P. (See McDowell, Joe E., assignor.)
- Wills, Herbert J., assignor to The Carborundum Company, Niagara Falls, N. Y. Gear lapping machine. 2,036,246; Apr. 7.
- Wills, Marion C., Kansas City, Mo., and A. R. Henry, Salina, Kans. Braking mechanism. 2,037,055; Apr. 14.
- Willshaw, Harry, Wyld Green, H. Smith and F. A. Davenport, Birmingham, England, assignors to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Apparatus for severing bias cut fabric. 2,031,401; Feb. 18.
- Willshaw, Harry, Wyld Green, and G. C. Brentnall, Erdington, Birmingham, assignors to Dunlop Rubber Company Limited, Birmingham, England. Apparatus for testing extensible material. 2,038,880; Apr. 28.
- Willshaw, Harry, D. F. Twiss, Wyld Green, S. N. Goodhall, Marsten Green, and F. A. Jones, Wyld Green, assignors to Dunlop Rubber Company, Erdington, Birmingham, England. Apparatus for treating balls with gases. 2,045,429; June 23.
- Willson, Bunn T., Rochester, Minn. Garment bagging device. 2,057,406; Oct. 13.
- Willson, Charles C. (See Thacher, G. H., and Willson.)
- Willson Products, Inc. (See Shindel, Harry F., assignor.)
- Willson, Walter E. (See Smallwood, F. J., and Willson.)
- Willys-Overland Company, The. (See Edwards, Henry J., assignor.)
- Willys-Overland Company, The. (See Fisher, Walter S., assignor.)
- Wilmanns, Gustav. (See Schneider, W., and Wilmanns.)
- Wilmanns, Gustav, Wolfen, Kreis Bitterfeld, and G. von Kujawa, Dessau-in-Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of direct positives for auto-type. 2,061,688; Nov. 24.
- Wilmer, Harry A., Minneapolis, Minn. Convertible sack-apron. 2,050,549; Aug. 11.
- Wilmer, Ringold W., Brooklyn, N. Y. Container. 2,035,735; Mar. 31.
- Wilmesherr, John A., Cuba, Mo. Expanding and contracting device. 2,043,140; June 2.
- Wilmesherr, John A., Cuba, Mo. Expanding device. 2,043,141; June 2.
- Wilmington Fibre Specialty Company. (See Horvath, Artemy A., assignor.)
- Wilmink, Gerrit, Hengelo, Netherlands. Freewheel hub for cycles. 2,034,320; Mar. 17.
- Wilmont, George W., Scranton, Pa. Transportation equipment. 2,055,779; Sept. 29.
- Wilmot and Cassidy, Inc. (See Cassidy, T. A., and Wilmot, assignors.)
- Wilmot Engineering Company. (See Blatch, Francis H., assignor.)
- Wilmot Engineering Company. (See Wilmot, George W., assignor.)



- Wilmot, George W., Hazleton, Pa., assignor to Wilmot Engineering Company. Sprocket wheel. 2,038,695; Apr. 28.
- Wilmot, Harrison F. (See Cassidy, T. A., and Wilmot.)
- Wilms, Gustav O., assignor to Allen Bradley Company, Milwaukee, Wis. Electrical control equipment. 2,050,076; Aug. 4.
- Wilmsen, Bernard. (See Kranz, P., and Hartman, assignors.)
- Wilsdorf, Hans, Geneva, Switzerland. Testing apparatus for fluid-tight casings. 2,055,568; Sept. 29.
- Wilsey, Irven H., assignor, by mesne assignments, of one-half to Safe-Wave Company, Chicago, Ill. Treating hair. 2,049,035; July 28.
- Wilsbusen, August E., Highland Park, Mich. Variable leverage brake mechanism. 2,058,541; Oct. 27.
- Wilsing, Paul, assignor to Demag Aktiengesellschaft, Duisburg, Germany. Control gearing. 2,052,815; Sept. 1.
- Wilslef, Ferdinand P., Dewitt, Iowa. Hitching device. 2,052,065; Aug. 25.
- Wilson, Allen B. (See MacChesney, C. M., and Wilson.)
- Wilson, Allen B., Evanston, assignor to Acme Steel Company, Chicago, Ill. Apparatus for making rims. 2,047,812; July 14.
- Wilson, Allen B., Evanston, assignor to Acme Steel Company, Chicago, Ill. Container and forming the same. 2,048,721; July 28.
- Wilson, Allen B., Evanston, assignor to Acme Steel Company, Chicago, Ill. Forming a container and apparatus therefor. 2,062,112; Nov. 24.
- Wilson, Allen R. (See Seeman, R., and Wilson.)
- Wilson, Alvin C., assignor, by mesne assignments, to The Davison Chemical Corporation, Baltimore, Md. Crystallizing and product thereof. 2,038,072; Apr. 21.
- Wilson, Archibald, Sanquhar, Scotland. Mine chock, mine prop, or the like. 2,047,537; July 14.
- Wilson, Arthur B., East Lansing, Mich. Scarifying tooth and holder. 2,036,111; Mar. 31.
- Wilson, Arthur L., Los Angeles, Calif., assignor to Westinghouse Electric & Manufacturing Company. Vacuum tube device. 2,057,508; Oct. 13.
- Wilson, Arthur M., Cranford, N. J., assignor to Standard Oil Development Company. Dewaxing oils. 2,049,036; July 28.
- Wilson, Arthur M., Cranford, and O. E. Crosby, Linden, N. J., assignors to Standard Oil Development Company. Filter press. 2,045,740; June 30.
- Wilson, Arthur R., Chicago, Ill. Railroad car handling device. 2,040,353; May 12.
- Wilson, Barkley B., Portland, Oreg. Lid fastener for shipping containers. 2,058,651; Oct. 27.
- Wilson & Bennett Manufacturing Company. (See Bennett, Stevens A., assignor.)
- Wilson & Bennett Manufacturing Company. (See Townsend, J. S., and Tansley, assignors.)
- Wilson, Bert A., assignor to Pittsburgh Rolls Corporation, Pittsburgh, Pa. Roll neck milling machine. 2,040,230; May 12.
- Wilson, Caesar L., Dassel, Minn. Delivery window for vehicles. 2,061,689; Nov. 24.
- Wilson, Cary C., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Ornament mounting structure. 2,037,670; Apr. 14.
- Wilson, Charles O., Muskegon, Mich. Snap valve coupling. 2,034,933; Mar. 24.
- Wilson, Charles O., Muskegon, Mich. Water sprinkler. 2,047,348; July 14.
- Wilson, Charles P., Jr., Houston, Tex. Manufacture of oil-soluble polyhydric phenols. 2,052,858; Sept. 1.
- Wilson, Charles P., Jr., Houston, Tex. Process and product for stabilizing of unsaturated hydrocarbons. 2,052,859; Sept. 1.
- Wilson, Charles P., Jr., Houston, Tex. Process and product for the stabilizing of unsaturated hydrocarbons. 2,052,860; Sept. 1.
- Wilson, Charles P., Jr., Houston, Tex. Process and product for the stabilizing of unsaturated hydrocarbons. 2,054,276; Sept. 15.
- Wilson, Charles P., Jr., Houston, Tex. Manufacture of oil soluble phenols. 2,060,965; Nov. 17.
- Wilson, Charles P., Jr., Houston, Tex. Manufacture of oil-soluble polyhydric phenols. 2,063,212; Dec. 8.
- Wilson, Christopher R., assignor of one-half to H. Waldman, Philadelphia, Pa. Aircraft. 2,049,482; Aug. 4.
- Wilson, Clarence C., assignor to The Compressed Paper Box Corporation, Bridgeport, Conn. Folding book-shaped box. 2,061,992; Nov. 24.
- Wilson, Clarence E., Manchester, Conn. Device for packing plants for shipment and storage. 2,064,707; Dec. 15.
- Wilson, Claud, assignor of forty per cent to N. Basich, Taft, Calif. Supercharging carburetor. 2,053,756; Sept. 8.
- Wilson & Co. (See Adams, Nicholas M., assignor.)
- Wilson & Co. (See Gaarder, H. M., and Becker, assignors.)
- Wilson & Co. (See Robinson, A. A., and Dormitzer, assignors.)
- Wilson, David T., Toronto, Ontario, Canada. Wrench. 2,042,137; May 26.
- Wilson, Douglas A., Peoria, Ill. Ice depot. 2,039,864; May 5.
- Wilson, Earl D., and C. C. Hein, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Color matcher. 2,046,714; July 7.
- Wilson, Earle, Chicago, Ill., assignor to The American Oak Leather Co., Cincinnati, Ohio. Apparatus for firming and finishing leather. 2,061,446; Nov. 17.
- Wilson, Elbert A. (See Webber, C. S., and Wilson.)
- Wilson, Elihu C., Los Angeles, Calif. Flushometer. 2,066,086; Dec. 29.
- Wilson, Elliott O., assignor to The Denver Dry Goods Co., Denver, Colo. Rigging for saddles. 2,037,406; Apr. 14.
- Wilson, Emery J., Cleveland, assignor to Thew Shovel Company, Lorain, Ohio. Dragline fairlead assembly. 2,043,362; June 9.
- Wilson, Emery J., Cleveland, assignor to Thew Shovel Company, Lorain, Ohio. Propelling mechanism for trucks. 2,062,385; Dec. 1.
- Wilson, Ernest E., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Muffler. 2,058,932; Oct. 27.
- Wilson, Evan G., Blundellsands, near Liverpool, England. Apparatus for use for measuring thicknesses of materials in sheet form and recording the thicknesses thereon. 2,054,874; Sept. 22.
- Wilson, Ezekiel J., East Greenbush and J. McCreary, Cohoes, N. Y. Apparatus for laundering. 2,064,512; Dec. 15.
- Wilson Fastener Company, The. (See Wilson, Frank E., assignor.)
- Wilson, Francis J. (See Rader, H. K., and Wilson.)
- Wilson, Francis J., assignor to Mueller Brass Co., Port Huron, Mich. Joint. 2,038,867; Apr. 28.
- Wilson, Frank E., East Cleveland, assignor to The Wilson Fastener Company, Cleveland, Ohio. Fastener tape. 2,042,286; May 26.
- Wilson, Frank H. (See Wilson, William H., assignor.)
- Wilson, Fred D., Harvey, Ill., assignor to Western-Austin Company. Grade finding mechanism. 2,029,455; Feb. 4.
- Wilson, Fred R., Birmingham, Ala., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive manufacture. 2,064,581; Dec. 15.
- Wilson, George B., and K. C. Eagley, Erie, Pa. Motor. 2,029,145; Jan. 28.
- Wilson, George O., Dallas, Tex. Soap guard. 2,032,898; Mar. 3.
- Wilson, George W., Henderson, Iowa. Oil burner. 2,058,652; Oct. 27.
- Wilson, H. A., Company, The. (See Grobman, Samuel H., assignor.)
- Wilson, Harvey B., Athens, Ill. Plow shear. 2,057,221; Oct. 13.
- Wilson, Henry D., Jr., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical connector. 2,041,100; May 19.
- Wilson, Henry S., Brooklyn, and H. Lauten, New York, N. Y. Coin controlled self service device. 2,052,685; Sept. 1.
- Wilson, J. G., Corp., The. (See Winn, John F., Jr., assignor.)
- Wilson, James C., Pawnee, Ill. Reversible mounting for trolley wheels. 2,028,637; Jan. 21.
- Wilson, James G., Weedville, Pa. Trigger guard for firearms. 2,063,476; Dec. 8.
- Wilson, James R., Mountain Lakes, N. J., J. T. Acker, Queens Village, and C. D. Hartman, Forest Hills, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron emitter. 2,041,802; May 26.
- Wilson, John G., Paoli, Pa. Quarry car. 2,033,798; Mar. 10.
- Wilson, John J., Oneida, N. Y. Cabin. 2,047,721; July 14.
- Wilson, John L., St. Paul, Minn. Dispenser. 2,057,991; Oct. 20.
- Wilson, John N., assignor to Simplex Engineering Company, Washington, Pa. Furnace port. 2,044,655; June 16.
- Wilson, John S., and C. W. Millspaugh, Detroit, Mich., and E. G. Overmire, Yonkers, N. Y., assignors to The New York Central Railroad Company. Hold-down device for vehicles or other articles. 2,047,503; July 14.
- Wilson, John S., C. W. Millspaugh, Detroit, Mich., and E. G. Overmire, New York, N. Y., assignors to The New York Central Railroad Company. Vehicle loading rack and lifting device. 2,062,244; Nov. 24.
- Wilson-Jones Company. (See Dawson, George H., assignor.)
- Wilson-Jones Company. (See Dawson, G. H., and Wedge, assignors.)
- Wilson-Jones Company. (See Dewar, Robert J., assignor.)
- Wilson-Jones Company. (See Nelson, William, assignor.)
- Wilson-Jones Company. (See Unger, Paul O., assignor.)
- Wilson, Joseph R., assignor to M. A. Wilson, Ypsilanti, Mich. Making shaped ice cream articles. 2,044,894; June 23.
- Wilson, Lavett S., Los Angeles, Calif. Nail-on counter flashing on concrete. 2,057,285; Oct. 13.
- Wilson, Lee. (See Herman, Albert W., assignor.)
- Wilson, Lee, Cleveland, Ohio. Method and apparatus for heating. 2,064,095; Dec. 15.
- Wilson, Lewis F., Union City, N. J. Railway tie. 2,035,933; Mar. 31.
- Wilson Lighting, Inc. (See Wilson, Wesley, assignor.)
- Wilson Locknut Company. (See Wilson, Wylie G., assignor.)
- Wilson, Lyman A., and J. Johnson, New York, N. Y. Photographic film printing apparatus. 2,044,454; June 16.



- Wilson, Margaret A. (See Wilson, Joseph R., assignor.)  
 Wilson, Myron S., and R. G. Jewell, Lynn, Mass., assignors to General Electric Company. Electrical instrument. 2,052,434; Aug. 25.  
 Wilson, Oscar H., Fairfield, Ala. Coke oven equipment. 2,057,125; Oct. 13.  
 Wilson, Parker F., Wheeling, W. Va., and L. Iversen, Pittsburgh, Pa. Cold rolling sheets. 2,038,917; Apr. 28.  
 Wilson, Paul N., assignor to The Timken Roller Bearing Company, Canton, Ohio. Self contained taper roller bearing. 2,059,181; Oct. 27.  
 Wilson, Percy H. (See Ridley, W., and Wilson.)  
 Wilson, Ralph A., Chicago, Ill., assignor of one-half to George A. Chritton. Means for and method of masking. 2,029,008; Jan. 28.  
 Wilson, Ralph W., New York, N. Y. Closure for containers. 2,053,788; Sept. 8.  
 Wilson, Raymond N., Cleveland, Ohio. Method and apparatus for handling slag. 2,031,352; Feb. 18.  
 Wilson, Richard C., Miami, Fla. Apparatus for launching lifeboats. 2,042,753; June 2.  
 Wilson, Robert E., assignor to Standard Oil Company, Chicago, Ill. Continuous process for countercurrent contacting of two liquids. 2,029,687; Feb. 4.  
 Wilson, Robert E., assignor to Standard Oil Company, Chicago, Ill. Process and apparatus for contacting two materials. 2,029,688; Feb. 4.  
 Wilson, Robert E., assignor to Standard Oil Company, Chicago, Ill. Process and apparatus for contacting two liquids. 2,029,690; Feb. 4.  
 Wilson, Robert E., assignor to The Standard Oil Co. (Indiana), Chicago, Ill. Cracking hydrocarbon oils. 2,064,708; Dec. 15.  
 Wilson, Robert F., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire repair patch. 2,041,988; May 26.  
 Wilson Rubber Company, The. (See Herbruck, Wendell, assignor.)  
 Wilson, Russell E., Cleveland, Ohio. Projector. 2,030,489; Feb. 11.  
 Wilson, Samuel P. (See Carr, J. B., and Wilson.)  
 Wilson, Scott L., Dinuba, and A. Torre, Fresno, Calif. Lawn mower sharpener. 2,032,731; Mar. 3.  
 Wilson-Snyder Manufacturing Corporation. (See Shimer, John M., assignor.)  
 Wilson, T. H., Los Angeles, Calif., assignor of twenty per cent to T. H. Wilson, ten per cent to F. A. Nance, twenty per cent to Mrs. E. L. Chamberlain, and fifty per cent to S. C. Lines. Machine for coating pipes. 2,053,307; Sept. 8.  
 Wilson, Walter C., Monrovia, Calif., assignor to International Harvester Company. Air cleaner. 2,062,548; Dec. 1.  
 Wilson, Walter E., Columbus, Ohio. Molding strip. 2,030,730; Feb. 11.  
 Wilson, Walter W., et al. (See Peters, Thomas B. R., assignor.)  
 Wilson, Wesley, assignor to Wilson Lighting, Inc., Chicago, Ill. Reflector. 2,040,117; May 12.  
 Wilson, William C. (See Kratz, E. M., and Wilson.)  
 Wilson, William C. (See Trolander, E. W., and Wilson.)  
 Wilson, William H. (See Land, C. H., and Wilson.)  
 Wilson, William H., Los Angeles, Calif., assignor to F. H. Wilson, Duluth, Minn. Battery terminal connector. 2,057,602; Oct. 13.  
 Wilson, William O. (See Baum, W. J., and Wilson.)  
 Wilson, William P., and F. M. G. Murphy, Chelmsford, England, assignors to Radio Corporation of America. Radio telephone system. 2,059,719; Nov. 3.  
 Wilson, William S. (See White, J. F., and Wilson.)  
 Wilson, William T., Philadelphia, Pa. Curling animal fiber yarn. 2,051,588; Aug. 18.  
 Wilson, William T., assignor of one-half to J. A. Fligg, Philadelphia, Pa. Weaving loop pile fabrics. 2,043,942; June 9.  
 Wilson, William W., Los Angeles, Calif. Well elevator. 2,065,781; Dec. 29.  
 Wilson, Wilmer S., Chicago, Ill. Footwear. 2,033,313; Mar. 10.  
 Wilson, Winfred E., Los Angeles, Calif. Arch rib roof truss. 2,065,256; Dec. 22.  
 Wilson, Wylie G., Elizabeth, assignor to Wilson Locknut Company, Jersey City, N. J. Method of and apparatus for making lock nuts. 2,050,406; Aug. 11.  
 Wilttrout, Alvina P. (See Wilttrout, Creed A., assignor.)  
 Wilttrout, Creed A., assignor to himself and A. P. Wilttrout, Thief River Falls, Minn. Fracture reducing splint. 2,048,832; July 28.  
 Wiltse, Sumner, Dearborn, Mich. Fuel pump. 2,028,371; Jan. 21.  
 Wiltshire, William F., King's Norton, Birmingham, England. Fuel burner. 2,047,570; July 14.  
 Wily, James H., Bethlehem, Pa. Pocket scale. 2,040,037; May 5.  
 Wimmer, Robert. (See Muench, E., and Wimmer.)  
 Wimmer, William A., Long Beach, Calif. Safety switch for automobiles. 2,056,877; Oct. 6.  
 Wimpee, Sidney P., Jr. (See Wimpee, Sidney P. and Sidney P., Jr.)  
 Wimpee, Sidney P., and S. P. Wimpee, Jr., Seattle, Wash., said Wimpee, Jr., assignor to said Sidney P. Wimpee. Feed mechanism. 2,054,844; Sept. 22.  
 Winans, Charles F. (See Adkins, H., and Winans.)  
 Winans, Daniel M., Binghamton, N. Y. Shaving device and the like. 2,031,519; Feb. 18.  
 Winans, Henry E., Alton, Ill. Target trap. 2,063,284; Dec. 8.  
 Winberg, Robert. (See Elliott, E. C., and Winberg.)  
 Winchell, Arthur B., Jackson, Mich. Phonograph. 2,064,777; Dec. 15.  
 Winchester, Hubert D., Monkseaton, England. Holder for threads, cords, lines, wires, fly-casts, and the like. 2,029,975; Feb. 4.  
 Winchester Repeating Arms Company. (See Burton, Frank F., assignor.)  
 Winchester Repeating Arms Company. (See Fallon, Thomas F., assignor.)  
 Winchester Repeating Arms Company. (See Foisy, George A., assignor.)  
 Winchester Repeating Arms Company. (See Lewis, George S., assignor.)  
 Winchester Repeating Arms Company. (See Pleines, Henry J., assignor.)  
 Winchester Repeating Arms Company. (See Pugsley, Edwin, assignor.)  
 Winchester Repeating Arms Company. (See Reama, George H., assignor.)  
 Winchester Repeating Arms Co. (See Wiles, Russell, assignor.)  
 Winckler Engineering Laboratories Incorporated. (See Winckler, Gunnar A. F., assignor.)  
 Winckler, Gunnar A. F., Worcester, assignor to Winckler Engineering Laboratories Incorporated, Boston, Mass. Generator. 2,063,070; Dec. 8.  
 Winckler, Max, Miltitz, near Leipzig, Germany. Heating substances. 2,044,195; June 16.  
 Wincote, Charles B., assignor of one-third to C. A. Peace, San Diego, one-sixth to N. D. Mayne, and one-sixth to D. A. Briggs, Encinitas, Calif. Animated toy. 2,054,567; Sept. 15.  
 Windas, Thomas F., Santa Barbara, Calif. Electric switch. 2,044,025; June 16.  
 Windecker, Clifton N., Painesville, Ohio. Sewage disposal apparatus. 2,043,459; June 9.  
 Windecker, Clifton N., and C. E. Lyon, Painesville, Ohio; said Lyon assignor to said Windecker. Treating sewage. 2,043,458; June 9.  
 Windemuller, Jan H., The Hague, assignor to Maatschappij van Berkel's Patent N. V., Rotterdam, Netherlands. Electric cooking oven. 2,043,601; June 9.  
 Winder, Frank J., Ottawa Hills, assignor to Surface Combustion Corporation, Toledo, Ohio. Apparatus for heat treating steel. 2,041,313; May 19.  
 Winder, Frank J., Ottawa Hills, and L. L. Swift, assignors to Surface Combustion Corporation, Toledo, Ohio. Annealing apparatus. 2,041,312; May 19.  
 Winder, Frank J., Ottawa Hills, and L. L. Swift, assignors to Surface Combustion Corporation, Toledo, Ohio. Annealing apparatus. 2,048,644; July 21.  
 Winder, George L., Cuyahoga Falls, assignor to American Anode, Inc., Akron, Ohio. Apparatus for making therapeutical appliances. 2,053,357; Sept. 8.  
 Windle, Winfred W., Sutton, Mass. Wool washing machine. 2,037,841; Apr. 21.  
 Windle, Winfred W., Sutton, Mass. Wool washing machine. 2,040,162; May 12.  
 Windsor Mills, Inc., The. (See Kriebel, Durant Z., assignor.)  
 Wine, Edgar P. (See Steiner, A. P., Wine, and Balsiger.)  
 Wine, William E., Toledo, Ohio. Cross bearer side stake. 2,033,566; Mar. 10.  
 Wine, William E., Toledo, Ohio. Spring device. 2,042,647; June 2.  
 Wine, William E., Toledo, Ohio. Railway car. 2,044,895; June 23.  
 Wine, William E., Toledo, Ohio. Hopper doorframe. 2,057,757; Oct. 20.  
 Wine, William E., Toledo, Ohio. Railway hopper car. 2,060,156; Nov. 10.  
 Wine, William E., Toledo, Ohio. Railway car. 2,060,157; Nov. 10.  
 Wine, William E., Toledo, Ohio, and C. Hankins, Washington, D. C. Railway car. 2,043,602; June 9.  
 Winholt, Charles A., Red Lion, Pa. Holder. 2,056,878; Oct. 6.  
 Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Compressor. 2,047,986; July 21.  
 Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Motor. 2,057,258; Oct. 13.  
 Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Forging machine. 2,063,968; Dec. 15.  
 Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Forging machine. 2,063,969; Dec. 15.  
 Wines, William B., Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Manufacturing electrostatic condensers. 2,047,349; July 14.  
 Winfrey, Ervin C. (See Doan, Leslie E., assignor.)  
 Wing, Russell T., Minneapolis, Minn. Boomerang. 2,035,629; Mar. 31.  
 Wingard, Frederick J., Springfield, Mass. Device for trimming the edge of a lawn. 2,052,154; Aug. 25.  
 Winger, Stover C., assignor to G. H. Hall, Los Angeles, Calif. Variable ratio transmission device. 2,035,582; Mar. 31.  
 Winger, Stover C., assignor to G. H. Hall, Los Angeles, Calif. Household utensil. 2,064,136; Dec. 15.



- Wingert, William B., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Apparatus for producing fixed combustible gas. 2,047,759; July 14.
- Wingfoot Corporation. (See Barber, Glenn A., assignor.)
- Wingfoot Corporation. (See Bateman, Ralph C., assignor.)
- Wingfoot Corporation. (See Brittain, Harold A., assignor.)
- Wingfoot Corporation. (See Calvert, W. C., and Cramer, assignors.)
- Wingfoot Corporation. (See Calvert, William C., assignor.)
- Wingfoot Corporation. (See Christy, William O., assignor.)
- Wingfoot Corporation. (See Clifford, Albert M., assignor.)
- Wingfoot Corporation. (See Collins, Harold E., assignor.)
- Wingfoot Corporation. (See Cramer, Howard I., assignor.)
- Wingfoot Corporation. (See Darrow, Burgess, assignor.)
- Wingfoot Corporation. (See Day, Ralph B., assignor.)
- Wingfoot Corporation. (See Dinsmore, Ray P., assignor.)
- Wingfoot Corporation. (See Eberhard, Boyd C., assignor.)
- Wingfoot Corporation. (See Endres, Herbert A., assignor.)
- Wingfoot Corporation. (See Freeman, Harold A., assignor.)
- Wingfoot Corporation. (See Gehman, Samuel D., assignor.)
- Wingfoot Corporation. (See Gibbons, H. B., and Hoff, assignors.)
- Wingfoot Corporation. (See Griggs, Joseph P., assignor.)
- Wingfoot Corporation. (See Kramp, Edward D., assignor.)
- Wingfoot Corporation. (See Kurtz, Stewart S., Jr., assignor.)
- Wingfoot Corporation. (See Lauter, Werner M., assignor.)
- Wingfoot Corporation. (See Lee, Walter J., assignor.)
- Wingfoot Corporation. (See Lichty, Joy G., assignor.)
- Wingfoot Corporation. (See Maas, Elov F., assignor.)
- Wingfoot Corporation. (See Morris, Thomas C., assignor.)
- Wingfoot Corporation. (See Park, Charles R., assignor.)
- Wingfoot Corporation. (See Sebrell, Lorin B., assignor.)
- Wingfoot Corporation. (See Shively, Walter E., assignor.)
- Wingfoot Corporation. (See Smith, Claude H., assignor.)
- Wingfoot Corporation. (See Sohl, Ralph W., assignor.)
- Wingfoot Corporation. (See State, W. C., Lammertse, and Gardner, assignors.)
- Wingfoot Corporation. (See Stebbins, Clyde E., assignor.)
- Wingfoot Corporation. (See Stephens, William, assignor.)
- Wingfoot Corporation. (See Tempelton, Edwin G., assignor.)
- Wingfoot Corporation. (See Teppema, Jan, assignor.)
- Wingfoot Corporation. (See Ter Horst, William P., assignor.)
- Wingfoot Corporation. (See Thies, Herman R., assignor.)
- Wingfoot Corporation. (See Thies, H. R., and Riehl, assignors.)
- Wingfoot Corporation. (See Wolfe, William D., assignor.)
- Wingfoot Corporation. (See Woodward, Alva W., assignor.)
- Wingfoot Corporation. (See Wright, George M., assignor.)
- Winhammar, Gösta O. (See Carlsson, B. T., and Winhammar.)
- Winkel, Fred M., Philipsburg, Pa., assignor, by mesne assignments, to Zotos Corporation, New York, N. Y. Hair waving unit. 2,051,063; Aug. 18.
- Winkeler, Hermann. (See Koch, W., and Winkeler.)
- Winkelmann, Henry F., Nebraska City, Nebr. Roof flashing. 2,039,674; May 5.
- Winkelmann, Herbert A. (See Smithers, V. L., and Winkelmann.)
- Winkelmann, Herbert A., assignor to Marbo Products Corporation, Chicago, Ill. Stabilized butadiene derivatives. 2,046,986; July 7.
- Winkelmann, Herbert A., assignor to Marbo Products Corporation, Chicago, Ill. Low viscosity halogen containing rubber derivative compositions. 2,046,987; July 7.
- Winkelmann, Herbert A., assignor, by mesne assignments, to Marbo Patents Inc., Chicago, Ill. Low temperature preparation of rubber hydrohalides. 2,047,987; July 21.
- Winkler, Alfred, and M. Dünnebie, Neuwied-on-the-Rhine, Germany. Machine for manufacture of window envelopes and like containers. 2,049,483; Aug. 4.
- Winkler, Alfred, and M. Dünnebie, Neuwied, Germany. Mechanism for the manufacture of envelopes with pasted-in windows. 2,051,510; Aug. 18.
- Winkler, Carl J., assignor to Schwitzer-Cummins Company, Indianapolis, Ind. Bearing seal for rotary shafts. 2,027,505; Jan. 14.
- Winkler, Franz, Schweinfurt, Germany. Freewheel hub with coaster brake and brake-locking device. 2,041,893; May 26.
- Winkler, Franz, Schweinfurt, Germany. Roller clutch for freewheel cycle hubs. 2,049,880; Aug. 4.
- Winkler, Fritz, and H. Haeuber, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Thermal treatment of hydrocarbons. 2,056,914; Oct. 6.
- Winkler, Johannes, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Multirange regenerative receiver. 2,052,686; Sept. 1.
- Winkler, Moritz, Bochum, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Pressing vehicle wheel. 2,042,754; June 2.
- Winkler, Moritz, Bochum, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Disk wheel and producing the same. 2,050,641; Aug. 11.
- Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon shoe parts. 2,038,696; Apr. 28.
- Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method and machine for attaching soles to shoes. 2,061,690; Nov. 24.
- Winkley, Erastus E., Lynn, assignor of one-half to W. H. Sellers, East Milton, Mass. Device useful in adjusting chains upon automobile tires. 2,063,358; Dec. 8.
- Winn, Elisha S., Fitzgerald, Ga. Outdoor battery brooder. 2,056,814; Oct. 6.
- Winn, John F., Jr., assignor to The J. G. Wilson Corp., Norfolk, Va. Automatic door guiding mechanism. 2,042,084; May 26.
- Winn, John F., Jr., assignor to The J. G. Wilson Corp., Norfolk, Va. Automatic safety overhead door closer. 2,059,822; Nov. 3.
- Winn, Sperry H., Seattle, Wash. Electric water heater. 2,026,809; Jan. 7.
- Winnek Stereoscopic Processes, Incorporated. (See Coffey, Douglas F. W., assignor.)
- Winnemore, Jullien F., Washington, D. C. Toy. 2,049,097; July 28.
- Winnen, Frederick W., Cleveland, Ohio. Fluid pressure spray appliance. 2,028,265; Jan. 21.
- Winning, Carl. (See Frolich, P. K., Winning, and Fulton.)
- Winning, Carl, Elizabeth, N. J., assignor to Standard Oil Development Company. Spray container. 2,031,918; Feb. 25.
- Winning, Carl, L. E. Sargent, and J. F. Dudley, Elizabeth, N. J., assignors to Standard Oil Development Company. Inhibiting gum formation in naphthas and products obtained thereby. 2,031,917; Feb. 25.
- Winning, Carl, and R. M. Thomas, Elizabeth, N. J., assignors to Standard Oil Development Company. Forming a plastic product from cracking coal tar. 2,045,741; June 30.
- Winning, Carl, and P. L. Young, Elizabeth, N. J., assignor to Standard Oil Development Company. Producing oils of low pour point. 2,045,742; June 30.
- Winning, Robert K., Wauwatosa, Wis., assignor to Clum Manufacturing Company, Milwaukee, Wis. Control device. 2,030,672; Feb. 11.
- Winning, Robert K., Wauwatosa, assignor to Clum Manufacturing Company, Milwaukee, Wis. Switch. 2,057,867; Oct. 20.
- Winninghoff, Wilford J., South Orange, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Gaseous electric discharge lamp. 2,042,244; May 26.
- Winninghoff, Wilford J., South Orange, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Affixing foreign substances to a vitreous body. 2,056,637; Oct. 6.
- Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rectifier control system. 2,038,505; Apr. 21.
- Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve control system. 2,047,760; July 14.
- Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rectifier cooling system. 2,056,638; Oct. 6.
- Winship, Benjamin W., Orchard Park, N. Y., assignor to Bethlehem Steel Company. Phenol extraction. 2,037,295; Apr. 14.
- Winslow, Charles A., Oakland, Calif. Engine. 2,031,242; Feb. 18.
- Winslow, Edward N., Shaker Heights, Ohio. Manually operated tool. 2,038,697; Apr. 28.
- Winslow, Edward T. (See Meredith, S. C., Alston, and Winslow.)
- Winslow, Edward T. (See Meredith, S. C., Alston, Winslow, and White.)
- Winsor Axia Fans Limited. (See Akester, Joseph C., assignor.)
- Winsor, George B. (See Winsor, Thomas B., and G. B.)
- Winsor, Thomas B., and G. B. Winsor, Milpitas, Calif. Earthworking tool. 2,061,691; Nov. 24.
- Winston, William O., and J. C. Griffith, Many, La. Sod cutter. 2,034,016; Mar. 17.
- Winston, William O., and J. C. Griffith, Many, La. Sod cutting machine. 2,051,977; Aug. 25.
- Wintemberger, Paul, Sable-Sur-Sarthe, Sarthe, France. Corking machine. 2,026,927; Jan. 7.
- Winter, Arthur, Weehawken, N. J. Mechanical pencil. 2,028,855; Jan. 28.
- Winter, Charles. (See Kimsel, Paul, assignor.)
- Winter, Charles L., assignor to United Autographic Register Co., Chicago, Ill. Feed mechanism for duplicating machines. 2,046,931; July 7.
- Winter, Courtney P., assignor to United States Paper Mills, Inc., Chambersburg, Pa. Paper towel. 2,050,030; Aug. 4.
- Winter, Courtney P., and D. A. Rosenthal, assignors to United States Paper Mills, Inc., Chambersburg, Pa. Paper towel. 2,027,258; Jan. 7.
- Winter, Ernest A. (See McKee, R. H., and Winter.)



- Winter, George J., Kearney, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit closing device. 2,066,024; Dec. 29.
- Winter, Harry L., assignor of one-half to B. F. Everitt, Detroit, Mich. Hand sharpener. 2,045,430; June 23.
- Winter, Jack A., Milwaukee, Wis. Trousers construction. 2,054,998; Sept. 22.
- Winter, Wilfred W. E., Swampscott, Mass., assignor to General Electric Company. Nonmetallic gear and making the same. 2,046,988; July 7.
- Winter, William F., Jr., Schenectady, N. Y., assignor to General Electric Company. Vapor-electric discharge device. 2,053,930; Sept. 8.
- Winter, William J., Oakland, Calif. Rotary internal combustion engine. 2,046,989; July 7.
- Winterbauer, Henry T., assignor to John T. Clark Company, Chicago, Ill. Playing ball. 2,061,604; Nov. 24.
- Winterfeldt, Franz, Berlin-Tempelhof, Germany. Air heater for indoor use. 2,047,121; July 7.
- Winterhalter, Adam and E., West New Brighton, Staten Island, N. Y. Handle and closure attachment for containers. 2,056,879; Oct. 6.
- Winterhalter, Edward. (See Winterhalter, Adam and E.)
- Winterhalter, Martin, St. Gallen, Switzerland. Separable fastener slider. 2,045,626; June 30.
- Winterhalter, Martin, St. Gallen, Switzerland. Method of and apparatus for supplying sliding clasp fastener elements to stringers. 2,053,544; Sept. 8.
- Winterich, John W., Cleveland, Ohio. Wainscoting construction. 2,029,549; Feb. 4.
- Winterkorn, Albert, Columbus, Ohio. Razor guard. 2,039,575; May 5.
- Winters & Crampton Corporation. (See Geske, C., and Yost, assignors.)
- Winters, Lewis B. (See Hedelund, Fred T., assignor.)
- Winters, Lincoln, Watauga, S. Dak. Dose measuring device. 2,036,906; Apr. 7.
- Winters, Starling, Albany, N. Y. Supercharging internal combustion engines. 2,033,166; Mar. 10.
- Wintershall Aktiengesellschaft. (See Haas, J., and Adolf, assignors.)
- Winterstein, Clarence C., Chestnut Hill, assignor to The United Gas Improvement Company, Philadelphia, Pa. Temperature control for gas ranges. 2,051,401; Aug. 18.
- Winther, Anthony, Kenosha, Wis. Power take-off. 2,036,247; Apr. 7.
- Winther, Anthony, Kenosha, Wis., assignor to M. P. Winther, Waukegan, Ill., as trustee. Contact bank. 2,050,479; Aug. 11.
- Winther, Holger, assignor to The Puro-Dent Co., Copenhagen, Denmark. Holder for toilet articles. 2,062,852; Dec. 1.
- Winther, Martin P., trustee. (See Winther, Anthony, assignor.)
- Winthrop Chemical Company. (See Andersag, H., and Jung, assignors.)
- Winthrop Chemical Company. (See Benda, Louis, assignor.)
- Winthrop Chemical Company. (See Benda, L., and Sievers, assignors.)
- Winthrop Chemical Company. (See Bockmühl, M., and Ehrhart, assignors.)
- Winthrop Chemical Company. (See Bockmühl, M., Ehrhart, and Stein, assignors.)
- Winthrop Chemical Company. (See Böckmühl, M., and Fehrlie, assignors.)
- Winthrop Chemical Company. (See Bockmühl, M., and Ludwig, assignors.)
- Winthrop Chemical Company. (See Bockmühl, M., Persch, and Ehrhart, assignors.)
- Winthrop Chemical Company. (See Bockmühl, M., Schumann, Ehrhart, and Stein, assignors.)
- Winthrop Chemical Company. (See Bockmühl, M., Simons, and Dörzbach, assignors.)
- Winthrop Chemical Company. (See Bockmühl, M., and Stein, assignors.)
- Winthrop Chemical Company. (See Bonrath, W., and Urbschat, assignors.)
- Winthrop Chemical Company. (See Busch, W., and Wolski, assignors.)
- Winthrop Chemical Company. (See Freedman, Louis, assignor.)
- Winthrop Chemical Company. (See Goth, Erich, assignor.)
- Winthrop Chemical Company. (See Hagedorn, M., Bockmühl, and Gorr., assignors.)
- Winthrop Chemical Company. (See Hampe, F., and Persch, assignors.)
- Winthrop Chemical Company. (See Hooper, Charles W., assignor.)
- Winthrop Chemical Company. (See Jensch, Heinrich, assignor.)
- Winthrop Chemical Company. (See Johnson, Treat B., assignor.)
- Winthrop Chemical Company. (See Klein, G., and Grosse, assignors.)
- Winthrop Chemical Company. (See Laquer, F., and Weyland, assignors.)
- Winthrop Chemical Company. (See Linsert, Otto, assignor.)
- Winthrop Chemical Company. (See Meisenburg, K., and Kukenthal, assignors.)
- Winthrop Chemical Company. (See Müller, Hans-Paul, assignor.)
- Winthrop Chemical Company. (See Puetzer, Bruno, assignor.)
- Winthrop Chemical Company. (See Reitmann, Joachim, assignor.)
- Winthrop Chemical Company. (See Reitmann, J., and Hecht, assignors.)
- Winthrop Chemical Company. (See Schmidt, Hans, assignor.)
- Winthrop Chemical Company. (See Schönhöfer, F., and Henecka, assignors.)
- Winthrop Chemical Company. (See Schulemann, W., and Schönhöfer, assignors.)
- Winthrop Chemical Company. (See Sievers, Otto, assignor.)
- Winthrop Chemical Company. (See Weissenborn, Albert, assignor.)
- Winthrop Chemical Company. (See Weissflog, Johannes, assignor.)
- Winthrop Chemical Company Inc. (See Bockmühl, M., Lindner, and Schumann, assignors.)
- Winthrop Chemical Company, Inc. (See Bockmühl, M., Persch, and Bartholomäus, assignors.)
- Winthrop Chemical Company Inc. (See Bockmühl, M., Schumann, Ehrhart, and Stein, assignors.)
- Winthrop Chemical Company, Inc. (See Jensch, Heinrich, assignor.)
- Winthrop Chemical Company, Inc. (See Kolle, W. Hallensleben, Streitwolf, and Bauer, assignors.)
- Winthrop Chemical Company Inc. (See Reitmann, Joachim, assignor.)
- Winthrop Chemical Company Inc. (See Streitwolf, K., and Fehrlie, Fritzsche, and Herrmann, assignors.)
- Winthrop Chemical Company Inc. (See Taub, L. and Kropp, assignors.)
- Wintjen, John G., Mount Vernon, N. Y. Sweat band. 2,044,038; June 16.
- Winton, Lewis B., Greenwich, Conn., assignor to American Sealcone Corporation, New York, N. Y. Apparatus for filling receptacles. 2,030,084; Feb. 11.
- Winton, Lewis B., Greenwich, Conn., assignor to American Sealcone Corporation, New York, N. Y. Receptacle filling apparatus. 2,030,951; Feb. 18.
- Winton, Lewis B., Greenwich, Conn., assignor to American Sealcone Corporation, New York, N. Y. Closing receptacles. 2,054,845; Sept. 22.
- Wintritz, George, Springdale, Conn., assignor to Hookless Fastener Company. Slider for fasteners. 2,057,126; Oct. 13.
- Wintsch, Max T., Lancaster, Pa. Rail vehicle signal system. 2,059,161; Oct. 27.
- Wintsch, Max T., assignor to Lowell-Wintsch Automatic Train Control, Inc., Lancaster, Pa. Automatic cab signal system. 2,059,160; Oct. 27.
- Wintz, William, assignor to Oshkosh Trunks, Inc., Oshkosh, Wis. Luggage case. 2,064,046; Dec. 15.
- Winwood, Edward, Jr., Wilkinsburg, Pa. Apparatus for and method of sizing, truing, straightening, and polishing metal rounds. 2,065,166; Dec. 22.
- Winzeler, Daniel W., Montpelier, Ohio. Fastening tool handle. 2,031,141; Feb. 18.
- Winzeler, Daniel W., Montpelier, Ohio. Fastening for the handles of tools. 2,031,142; Feb. 18.
- Wipperman, Hildegard, assignor to The H. W. Gossard Company, Chicago, Ill. Combination garment. 2,031,022; Feb. 18.
- Wipperman, Hildegard, assignor to The H. W. Gossard Company, Chicago, Ill. Combination garment. 2,034,167; Mar. 17.
- Wipperman, Hildegard, assignor to The H. W. Gossard Company, Chicago, Ill. Girdle and combination girdle and brassiere. 2,046,861; July 7.
- Wipperman, Hildegard, assignor to The H. W. Gossard Company, Chicago, Ill. Pantie girdle. 2,056,639; Oct. 6.
- Wirbatz, Wilhelm. (See Müller, R., Schenck, and Wirbatz.)
- Wirbelauer, William L., Paterson, N. J., assignor to Johnson-Manville Corporation, New York, N. Y. Colored fire-resistant fabric and making the same. 2,058,120; Oct. 20.
- Wired Radio, Inc. (See Cassell, Joseph L., assignor.)
- Wired Radio, Inc. (See Curtis, Richard C., assignor.)
- Wired Radio, Inc. (See Gebhard, Louis A., assignor.)
- Wired Radio, Inc. (See Weston, John L., assignor.)
- Wireless Electric Supplies Limited. (See Braunagel, Robert, assignor.)
- Wiremold Company, The. (See Rutherford, Charles E., assignor.)
- Wirick, Kirk G., Glendale, assignor to Lounsbury and Harris, Los Angeles, Calif. Slat house. 2,031,402; Feb. 18.
- Wirrer, Gottfried, Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Water cooling system for internal combustion engines. 2,029,146; Jan. 28.
- Wirt Company. (See Podolsky, Leon, assignor.)
- Wirtel, Arthur F. (See De Groote, M., Adams, Keiser, and Wirtel, assignors.)
- Wirtel, Arthur F. (See De Groote, M., Keiser, and Wirtel.)
- Wirth, Carl, Rochester, N. Y. Antirattling device. 2,047,047; July 7.
- Wirth, Emil O., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,057,700; Oct. 20.
- Wirth, Emil O., and F. Barford, assignors to Bendix Aviation Corporation, South Bend, Ind. Choke valve. 2,065,167; Dec. 22.



- Wirth, Herbert, Hartmannsdorf, near Chemnitz, Germany. Warp frame attachment. 2,064,709; Dec. 15.
- Wirth, Herbert, Hartmannsdorf, near Chemnitz, Germany. Fabric take-up device for flat warp knitting-machines. 2,064,710; Dec. 15.
- Wirth, Roy T., East Cleveland, Ohio. Alloy. 2,048,239; July 21.
- Wirth, Thomas, Munich, Germany. Indicating device. 2,040,419; May 12.
- Wirth, Walter V., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of 4-acetyl-5-tertiary-butyl-1,3-xylene. 2,047,656; July 14.
- Wiruth, Emma J., Tulsa, Okla. Leg support and restraining device. 2,057,992; Oct. 20.
- Wirz, A. H., Inc. (See Barker, Edwin H., assignor.)
- Wirz, Emil, Binningen, Switzerland. Transformer. 2,047,845; July 14.
- Wirz, Emil, Basel, Switzerland. Lid locking device. 2,063,213; Dec. 8.
- Wisbrod, Elliott, Chicago, Ill. Armor. 2,052,684; Sept. 1.
- Wisbrun, Walter, Dusseldorf, Germany. Foot arch support. 2,039,675; May 5.
- Wischmeyer, Albert C., Rochester, N. Y. Spigot. 2,065,846; Dec. 29.
- Wisconsin Alumni Research Foundation. (See Hisaw, F. L., and Fevold, assignors.)
- Wisconsin Alumni Research Foundation. (See Hurd, Loren C., assignor.)
- Wisconsin Alumni Research Foundation. (See Steenbock, Harry, assignor.)
- Wise, Charles H., assignor to Hartford-Empire Company, Hartford, Conn. Spilled batch catcher. 2,030,808; Feb. 11.
- Wise, Edmund M. (See McKay, R. J., and Wise.)
- Wise, Edmund M., Westfield, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Palladium dental alloy. 2,050,077; Aug. 4.
- Wise, Edmund M., Westfield, and R. F. Vines, North Arlington, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Recovering precious metals from mattes. 2,048,152; July 21.
- Wise, Frederick C., and W. Greenwood, London, England. Pyrophoric igniter. 2,042,572; June 2.
- Wise, Harry E., Canton, assignor of ninety one-hundredths to A. F. Curtis, Alliance, Ohio. Roller bearing. 2,042,417; May 26.
- Wise, Irwin L., assignor to Sealzit Corporation, Chicago, Ill. Sealing device for refrigerator cabinets. 2,038,991; Apr. 28.
- Wise, John H., Joliet, Ill., assignor to American Can Company, New York, N. Y. Display device. 2,058,542; Oct. 27.
- Wise, Paul T., trustee. (See Graham, George K., assignor.)
- Wise, Robert, Winthrop, Mass. Molding confection. 2,043,846; June 9.
- Wise, Roger M., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Unitary vacuum tube structure. 2,034,365; Mar. 17.
- Wise, Roger M., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Translating device. 2,055,093; Sept. 22.
- Wise, Solomon, Cleveland, Ohio. Locking device. 2,043,782; June 9.
- Wiseman, P. Kenneth, et al. (See Dolbear, Clinton E., assignor.)
- Wiseman, Philip, et al. (See Dolbear, Clinton E., assignor.)
- Wiseman, Robert J., Paterson, assignor to the Okonite Company, Passaic, N. J. Electric cable. 2,028,178; Jan. 21.
- Wiseman, Urban A., Dexter, N. Mex. Head gate. 2,050,145; Aug. 4.
- Wishart, William W., assignor of one-half to Automotive Maintenance Machinery Co., Chicago, Ill. Rotary pump or compressor. 2,030,952; Feb. 18.
- Wishin, Bernard, et al. (See Lamonte, Peter, assignor.)
- Wishin, Leo, et al. (See Lamonte, Peter, assignor.)
- Wiskott, Wilhelm, Breslau, and E. Friedländer, Berlin-Spandau, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Arrangement for maintaining constant line power transmission. 2,046,496; July 7.
- Wisner, Charles E., et al. (See Martin, Henry F., assignor.)
- Wisner, John A., assignor to Dek Products, Inc., Baltimore, Md. Garbage can or like cabinet. 2,041,038; May 19.
- Wiss, J., & Sons Co. (See Rauh, Frederic H., assignor.)
- Wissler, William A., Flushing, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Alloy. 2,030,342; Feb. 11.
- Wissler, William A., Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Alloys. 2,030,343; Feb. 11.
- Wiswell, Ozro N. (See Allen, S. E., and Wiswell.)
- Wiswell, Ozro N., Los Angeles, Calif. Opening and pouring device for cans. 2,040,585; May 12.
- Wiswell, Ozro N., Los Angeles, Calif. Can opener. 2,040,586; May 12.
- Wiswell, Ozro N., assignor to Swingspout Measure Company, Los Angeles, Calif. Fluid dispenser. 2,036,514; Apr. 7.
- Wiswell, Ozro N., assignor to Swingspout Measure Company, Los Angeles, Calif. Device for handling canned fluids. 2,040,584; May 12.
- Witham, George S., Jr. (See Adams, F. W., and Witham.)
- Witherell, Robert R., assignor, by mesne assignments, to C. U. Williams and W. W. Williams, Bloomington, Ill. Pumping mechanism. 2,050,823; Aug. 11.
- Witherow, Harry M., Fort Wayne, Ind., assignor to General Electric Company. Apparatus for testing demand meters. 2,048,477; July 21.
- Withers, William H., and F. D. McVitty, Modena, Utah. Internal combustion engine automatic valve control. 2,057,354; Oct. 13.
- Witherspoon, Burton H., Pittsburgh, Pa. Ice container. 2,049,934; Aug. 4.
- Withey, John M., assignor to L. M. Wickman, Howell, Mich. Fish stringer. 2,062,386; Dec. 1.
- Withrow, Louis W., Clifton Forge, Va. Air regulator. 2,057,993; Oct. 20.
- Witmer, Harold G., Pittsburgh, and L. K. Hedding, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,061,747; Nov. 24.
- Witt, Bertram J. (See Franklin, C. S., and Witt.)
- Witt, Bertram J., Eastcote, Middlesex, and C. S. Franklin, Strand, London, England, assignors to Radio Corporation of America. Thermionic oscillation generator. 2,034,735; Mar. 24.
- Witt, Geraldine A., et al. (See Stevenson, Philip H., assignor.)
- Witt, Paul, Potsdam, assignor to Deutsche Gold- und Silberscheideanstalt, Frankfurt-on-the-Main, Germany. Holder for dental instruments. 2,033,662; Mar. 10.
- Witt, Philip A., et al. (See Stevenson, Philip H., assignor.)
- Witt, Samuel E. (See Paul, L. R., and Witt.)
- Wittcoff, Edward, University City, Mo. Headwear. 2,040,355; May 12.
- Wittcoff, Edward, University City, assignor to Evr Klean Seat Pad Co., St. Louis, Mo. Seat cover. 2,027,947; Jan. 14.
- Wittcoff, Edward, University City, assignor to Caradine Hat Company, St. Louis, Mo. Hat brim and constructing the same. 2,040,354; May 12.
- Witte, Adolf P., assignor of one-fourth to A. J. Landvogh, and one-fourth to A. J. Imhahn, Chicago, Ill. Toilet seat. 2,033,663; Mar. 10.
- Witte, Emil, Dresden-Loschwitz, Germany. Colorimeter. 2,045,743; June 30.
- Witte, Erhard, Berlin-Lichterfelde, Germany, assignor to North American Rayon Corporation, New York, N. Y. Manufacturing staple fiber. 2,066,168; Dec. 29.
- Witte, Gustav A., Catskill, N. Y. Bag filling machine. 2,052,996; Sept. 1.
- Witte, Kurt, and H. Cayser, assignor to the firm Feldmühle A. G. vormalis Loeb, Schoenfeld & Co. Rorschach, Rorschach, Switzerland. Manufacturing dulled artificial products of viscose. 2,048,833; July 28.
- Witte, Paul, New Milford, assignor to White Metal Manufacturing Company, Hoboken, N. J. Nozzle making and capping machine. 2,051,159; Aug. 18.
- Witte, William, Glen Rock, assignor to National Dyeing & Printing Company, Paterson, N. J. Decorating fabric. 2,042,033; May 26.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Feelable footage indicator for motion picture apparatus. 2,027,007; Jan. 7.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Film magazine construction. 2,036,378; Apr. 7.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Footage indicator for photographic apparatus. 2,039,697; May 5.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Indicating device for film magazines. 2,043,914; June 9.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Tripod head. 2,047,241; July 14.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic camera. 2,051,192; Aug. 18.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Camera back construction. 2,051,193; Aug. 18.
- Wittel, Otto, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Apparatus for feeding motion picture film. 2,059,834; Nov. 3.
- Wittel, Otto, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Film handling apparatus. 2,063,285; Dec. 8.
- Witter, Leon A., Cleveland, Ohio. Piston expander. 2,027,496; Jan. 14.
- Wittinger, Istvan, et al. (See Stengel, Charles, assignor.)
- Witke, Otto H., Jr., Cicero, Ill. Bucket glide. 2,049,344; July 28.
- Wittkuhns, Bruno A., Summit, and H. L. Hull, Leonia, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Positional control of a ponderable object from a control element. 2,047,988; July 21.
- Wittkuhns, Bruno A., Chatham, and F. M. Watkins, Forest Hills, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Variable speed motor control. 2,064,454; Dec. 15.
- Wittmann, Marie, New York, N. Y. Doll. 2,037,052; Apr. 14.



- Wittmann, Marie, New York, N. Y. Nipple for nursing bottles. 2,039,373; May 5.
- Wittmer, Russell J., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Resilient car wheel. 2,037,188; Apr. 14.
- Wittmer, Russel J., Cleveland Heights, Ohio, assignor of one-half to J. Robinson, New York, N. Y., and one-half to R. M. Wolvin, Montreal, Quebec, Canada. Automatic train pipe connector. 2,040,968; May 19.
- Wittmer, Russell J., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Resilient car wheel. 2,048,240; July 21.
- Wittmers, Otto, Cologne-on-the-Rhine, Germany. Device for moving the lay of mechanical weaving looms. 2,034,168; Mar. 17.
- Wittnebel, Arthur A., New Rochelle, assignor to American Bank Note Company, New York, N. Y. Safety revenue, postage, and like stamp. 2,063,071; Dec. 8.
- Wittnebel, Arthur A., New Rochelle, assignor to American Bank Note Company, New York, N. Y. Safety revenue, postage, and like stamps. 2,064,281; Dec. 15.
- Wittner, Michael, New York, N. Y. Dispensing device. 2,060,455; Nov. 10.
- Wittstock, Alfred G., Newark, N. J. Combined hydraulic clutch and transmission mechanism. 2,048,585; July 21.
- Witty, George, Long Island City, N. Y. Cement composition. 2,043,641; June 9.
- Witty, George, Long Island City, N. Y. Building brick. 2,043,642; June 9.
- Witty, George, Long Island City, N. Y. Insulation composition and making the same. 2,046,142; June 30.
- Witty, George, Long Island City, N. Y. Manufacture of slag cement. 2,049,881; Aug. 4.
- Witty, George, Long Island City, N. Y. Building tile. 2,049,882; Aug. 4.
- Witty, George, Long Island City, N. Y., assignor to Construction Products Corporation, Wilmington, Del. Manufacture of refractory articles. 2,043,640; June 9.
- Witzel, Earl R., and R. L. Humbert, Kohler, Wis. Remote control for internal combustion engines. 2,042,755; June 2.
- Witzel, Ernst. (See Young, F. M., and Witzel.)
- Witzel, Ernst, assignor to Young Radiator Company, Racine, Wis. Distributing head for evaporators. 2,044,455; July 16.
- Wixson, Saul L., and B. Williams, Boulder City, Nev. Mucking and loading machine. 2,063,214; Dec. 8.
- Wixson, William J., Tulsa, Okla. Liquid indicator. 2,046,668; July 7.
- Wizinger, Robert, Bonn-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Ethylene azo dyestuffs and their manufacture. 2,029,647; Feb. 4.
- Wober, Arne B. S., Stockholm, Sweden. Case for safety razors. 2,047,450; July 14.
- Wochinger, Eduard, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telephone system. 2,057,868; Oct. 20.
- Woda, John, Los Angeles, Calif. Rotatable rack and support. 2,046,229; June 30.
- Wodarczyk, Paul, Chicago, Ill. Trap. 2,064,188; Dec. 15.
- Woehler, Henry G., assignor to Niedringhaus, Inc., St. Louis, Mo. Metallic barrel. 2,040,509; May 12.
- Woelke, Erich A., Milwaukee, Wis. Fuel measuring and registering device. 2,033,270; Mar. 10.
- Woelflin, William, Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Closed type dehydrator and method. 2,047,538; July 14.
- Woelflin, William, Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Separating emulsions. 2,047,989; July 21.
- Woerle, Katherine F., Reading, Pa. Bath slipper. 2,041,505; May 19.
- Woernley, Harry F., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compensating contact finger. 2,055,114; Sept. 22.
- Woessner, John J., Maspeth, N. Y., assignor to Eberhard Faber Pencil Co. Pencil attached eraser holder. 2,045,431; June 23.
- Wohanka, George J., assignor to Busch-Sulzer Bros.-Diesel Engine Company, St. Louis, Mo. Engine construction. 2,033,601; Mar. 10.
- Wohanka, George J., assignor to Busch-Sulzer Bros.-Diesel Engine Company, St. Louis, Mo. V-type engine frame. 2,064,282; Dec. 15.
- Wohldorf, Hans, Neumunster, Germany. Coupling device for vehicles. 2,048,310; July 21.
- Wohlgemuth, Henry H. (See Kneale, E. C., and Wohlgemuth.)
- Woina, Benjamin A., Detroit, Mich. Ventilating system for vehicle bodies. 2,059,924; Nov. 3.
- Woiwod, William A., Detroit, Mich. Caster. 2,059,162; Oct. 27.
- Wolcott, Frank E., West Hartford, Conn., assignor to The Silex Company. Coffee maker. 2,028,033; Jan. 14.
- Wolcott, Frank E., West Hartford, Conn., assignor to The Silex Company. Strainer. 2,054,999; Sept. 22.
- Wold, Frank E., Santa Monica, Calif. Servicing equipment for vehicles. 2,062,549; Dec. 1.
- Wolen, Carl O. (See Liedtke, R. C., and Wolen.)
- Wolf, Conrad, et al. (See Ziegler, George J., assignor.)
- Wolf, Eduard J., Hamburg, Germany. Treatment of organic cellular materials. 2,031,243; Feb. 18.
- Wolf, Edward R., Indianapolis, Ind. Vehicle spring suspension. 2,032,456; Mar. 3.
- Wolf, Ellwood W. (See Corbin, E. A., Jr., and Wolf.)
- Wolf Engineering Co. (See Wolf, Harry C., assignor.)
- Wolf, Fred L., Mansfield, Ohio. Current collector. 2,049,403; July 28.
- Wolf, Fred L., assignor to The Ohio Brass Company, Mansfield, Ohio. Current collector. 2,055,832; Sept. 29.
- Wolf, Harry C., assignor to Wolf Engineering Co., Inc., Indianapolis, Ind. Varying the bitumen content of rock asphalt. 2,032,680; Mar. 3.
- Wolf, Karl. (See Eisenmann, K., Scholz, and Wolf.)
- Wolf, Lester J., Wilksburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Synchronizing system. 2,032,021; Mar. 3.
- Wolf Machine Company. (See Meyer, Henry A., assignor.)
- Wolf, Max, Detroit, Mich. Beer coil cleansing device. 2,047,539; July 14.
- Wolf, Milton. (See Meisler, W., and Wolf.)
- Wolf, Morris, New York, and L. Reider, Yonkers, N. Y. Drop seat garment. 2,039,946; May 5.
- Wolf, Otto R., Oak Park, assignor to The Tribune Company, Chicago, Ill. Auxiliary inking attachment for printing presses. 2,047,605; July 14.
- Wolf, Robert S. (See Stevens, D. S., and Wolf.)
- Wolf, S., and Company. (See Richards, Harry, assignor.)
- Wolfe, Elmer D., Ottawa, Ill. Cleaning device for glasses, bottles, and the like. 2,056,030; Sept. 29.
- Wolfe, Eugene G., assignor to Landis Machine Company, St. Louis, Mo. Bobbin retainer. 2,033,314; Mar. 10.
- Wolfe, Harry H., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Railway car truck. 2,050,642; Aug. 11.
- Wolfe, Jacob E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparing rubber-like compositions. 2,050,595; Aug. 11.
- Wolfe, John G., Los Angeles, Calif., assignor to Triangle Safety Razor Company, Ltd. Safety razor. 2,048,419; July 21.
- Wolfe, Kenneth B. (See Howard, D. B., and Wolfe.)
- Wolfe, Ralph A. (See Randolph, D. W., Duffendack, and Wolfe.)
- Wolfe, Raymond M., Louisville, Ky. Tie holder. 2,030,905; Feb. 18.
- Wolfe, William D., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Antioxidant for rubber. 2,061,531; Nov. 17.
- Wolfert, Edward R., Wilkinsburg, and E. C. Wentz, Sharon, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,039,044; Apr. 28.
- Wolff, Alfred P., Stockton, Calif. Vending machine. 2,046,230; June 30.
- Wolff, Arthur, Chicago, Ill. Viewing attachment for cameras. 2,061,643; Nov. 24.
- Wolff, Charles H., and H. Weder, Sr., Philadelphia, Pa. Rectal dilator. 2,040,420; May 12.
- Wolff, Charles J., San Antonio, Tex. Well pumping unit. 2,041,803; May 26.
- Wolff, Franklyn J., Morrisville, Pa. Mixing valve. 2,045,308; June 23.
- Wolff, Franklyn J., Morrisville, Pa. Syringe. 2,050,407; Aug. 11.
- Wolff, Georg, assignor to Dr. Alexander Wacker Gesellschaft fur Elektrochemische Industrie G. m. b. H., Munich, Germany. Apparatus for cleaning and degreasing metal articles and the like. 2,057,177; Oct. 13.
- Wolff, Georg, assignor to Dr. Alexander Wacker Gesellschaft fur Elektrochemische Industrie, G. m. b. H., Munich, Germany. Apparatus for chemically cleaning and drying fabrics, textiles, garments and the like. 2,057,259; Oct. 13.
- Wolff, Hans. (See Becker, K., Schröter, and Wolff.)
- Wolff, Hans. (See Schröter, K., and Wolff.)
- Wolff, Heinrich, Berlin, assignor to M. Joachimczyk, Berlin-Charlottenburg, Germany. Envelope making machine. 2,056,336; Oct. 6.
- Wolff, Hermann. (See Reissmann, E., and Wolff.)
- Wolff, Hugo. (See Koeberle, K., Wolff, and Krauch.)
- Wolff, Irving, Merchantville, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Amplifying system. 2,037,842; Apr. 21.
- Wolff, Irving, Merchantville, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio apparatus. 2,064,582; Dec. 15.
- Wolff, Irving, Merchantville, and E. G. Linder, Camden, N. J., assignors to Radio Corporation of America. Modulation system. 2,051,537; Aug. 18.
- Wolff, Ivan, New York, N. Y. Automobile bumper. 2,058,283; Oct. 20.
- Wolff, Ivan, New York, N. Y. Monogram. 2,065,918; Dec. 29.
- Wolff, Juliette G. (See Bangs, Ralph C., assignor.)
- Wolff, Dr. Jur R. (See Eibert, Fritz, assignor.)
- Wolff, Oscar. (See Krackowizer, Hermann J., assignor.)
- Wolff, Oscar M., Chicago, Ill. Fruit pitting machine. 2,059,163; Oct. 27.
- Wolff, Otto, Neunkirchen, Germany. Sheet iron piling. 2,032,243; Feb. 25.
- Wolff, Paul, Frankfort-on-the-Main-Hochst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Acid triphenylmethane dyestuffs and preparing them. 2,032,033; Feb. 25.



- Wolff, Paul, and W. Werner, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-soluble basic triphenylmethane dyestuffs and preparing them. 2,044,963; June 23.
- Wolff, Robert. (See Elbert, Fritz, assignor.)
- Wolff, Rudolph R. (See Goldschmidt, S., and Wolff.)
- Wolff, Saul K., Long Beach, N. Y. Container. 2,054,959; Sept. 22.
- Wolff, Werner. (See Krzikalla, H., and Wolff.)
- Wolff, Werner. (See Reppe, W., and Wolff.)
- Wolfiger, Joseph, Dundas, Wis. Beet cutting machine. 2,057,355; Oct. 13.
- Wolford, Charles C. (See Suelflow, A. G., and Wolford.)
- Wolfram, Arthur. (See Schirmacher, K., Schaich, Wolfram, Tampke, Billig, and Schirmacher.)
- Wolfram, Arthur, and E. Hausdörfer, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Ortho-(aminoaroyl)-benzoic acids and inner anhydrides thereof and preparing them. 2,031,143; Feb. 18.
- Wolfram & Molybdaen A.-G. (See Becker, Karl, assignor.)
- Wolfson, Isadore D., New York, N. Y. Resilient tie. 2,050,596; Aug. 11.
- Wolinsky, Samuel, et al. (See Heilweil, Samuel, assignor.)
- Wolk, Benjamin. (See Bush, B., and Wolk.)
- Wolkenhauer, Gustav, assignor to The Robert Britigan Corporation, Chicago, Ill. Hat cleaning device. 2,038,698; Apr. 28.
- Wolkoff, John, Newark, N. J. Dynamo-electric machine. 2,064,583; Dec. 15.
- Woll, Charles F., assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Vacuum tube amplifier circuits. 2,065,257; Dec. 22.
- Wollaeger, Clarence G., assignor to Milcor Steel Company, Milwaukee, Wis. Metal base. 2,048,153; July 21.
- Wollaeger, Erich C. (See Ferris, W., and Wollaeger.)
- Wolle, Joseph A., Collingswood, N. J. Manipulator. 2,037,956; Apr. 21.
- Wollensak, Andrew, assignor to Wollensak Optical Company, Rochester, N. Y. Microscope. 2,026,722; Jan. 7.
- Wollensak, Andrew, assignor to Wollensak Optical Company, Rochester, N. Y. Binocular nose glass construction. 2,026,723; Jan. 7.
- Wollensak, Andrew, assignor to Wollensak Optical Company, Rochester, N. Y. Lens mount. 2,026,724; Jan. 7.
- Wollensak Optical Company. (See Wollensak, Andrew, assignor.)
- Wollner, Hans, Detroit, Mich., assignor to Universal Products Company. Universal joint mechanism. 2,058,544; Oct. 27.
- Wollner, Herbert J., Brooklyn, assignor to General Chemical Company, New York, N. Y. Adsorbent. 2,044,341; June 16.
- Wollner, Herbert J., Brooklyn, and J. V. Shim, Flushing, assignors to General Chemical Company, New York, N. Y. Adsorbent. 2,027,948; Jan. 14.
- Woloson, Peter J., Elmira Heights, N. Y. Face guard or mask. 2,065,410; Dec. 22.
- Wolski, Paul. (See Busch, W., and Wolski.)
- Wolverine Supply and Manufacturing Company. (See Cookson, Clarence F., assignor.)
- Wolverton, Maurice, assignor of one-half to M. A. Chambers, Pittsfield, Mass. Culinary utensil. 2,052,510; Aug. 25.
- Wolvin, Roy M. (See Robinson, Joseph, assignor.)
- Wolvin, Roy M., et al. (See Wittmer, Russell J., assignor.)
- Wooch, Herbert J., assignor to Super Mold Corporation, Lodi, Calif. Method and machine for applying sheet rubber to liners. 2,035,778; Mar. 31.
- Wooch, Herbert J., assignor to Super Mold Corporation, Lodi, Calif. Tire mounting rim construction. 2,045,937; June 30.
- Wood, Albert, Battle Creek, Mich. Gasket making apparatus. 2,045,744; June 30.
- Wood, Albert B., and H. W. Barnett, New Orleans, La. Power transmitting device. 2,042,573; June 2.
- Wood, Albert B., and H. W. Barnett, New Orleans, La. Valve operating apparatus. 2,042,574; June 2.
- Wood, Albert C. (See Allen, J. E., Blew, and Wood.)
- Wood, Alexander P., Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine. 2,027,136; Jan. 7.
- Wood, Andrew C., Chicago, Ill. Venetian blind. 2,043,501; June 9.
- Wood, Andrew C., assignor to Vortex Cup Company, Chicago, Ill. Paper ice cream cup. 2,027,802; Jan. 14.
- Wood, Andrew C., assignor to Vortex Cup Company, Chicago, Ill. Container for frozen confections. 2,032,783; Mar. 3.
- Wood, Andrew C., assignor to Vortex Cup Company, Chicago, Ill. Paper ice cream cup. 2,035,631; Mar. 31.
- Wood, Andrew C., assignor to Vortex Cup Company, Chicago, Ill. Packaging and dispensing confectionaries. 2,053,545; Sept. 8.
- Wood, Arthur M., Cazenovia, N. Y. Pedestrian's signal. 2,038,699; Apr. 28.
- Wood, Charles E., Highland, N. Y. Game. 2,053,170; Sept. 1.
- Wood, Charles F. (See Bishop, F. L., Shoemaker, Pierce, Wood, and Donnini.)
- Wood, Charles R., Red Boiling Springs, Tenn. Safety watch pocket for garments. 2,029,207; Jan. 28.
- Wood Conversion Company, The. (See Spafford, Allen L., assignor.)
- Wood Conversion Company. (See Weyerhaeuser, F., and Busch, assignors.)
- Wood, Frank S., Newton, Mass. Protective paper package. 2,032,386; Mar. 3.
- Wood, Frank S., Newton, Mass., assignor to F. W. Wood, Astoria, N. Y. Safety paper and making it. 2,032,385; Mar. 3.
- Wood, Frank W. (See Wood, Frank S., assignor.)
- Wood, Glenn D., assignor to Posture Research Corporation, Elkhart, Ind. Chair seat. 2,061,054; Nov. 17.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Ink fountain back. 2,027,850; Jan. 14.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web roll speed control. 2,029,045; Jan. 28.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing device. 2,029,046; Jan. 28.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Automatic splicing mechanism. 2,032,244; Feb. 25.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Late news printing machine. 2,032,607; Mar. 3.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web change mechanism. 2,033,799; Mar. 10.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Printing plate cylinder. 2,035,630; Mar. 31.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Ink motion. 2,036,451; Apr. 7.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Chuck mechanism. 2,037,296; Apr. 14.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web roll electrical speed control. 2,039,470; May 5.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web roll electrical speed control. 2,039,471; May 5.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Printing press tension device. 2,039,472; May 5.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web roll tab. 2,039,696; May 5.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Matrix scorcher. 2,042,918; June 2.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web roll controlling device. 2,042,919; June 2.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Differential switch operating mechanism. 2,046,048; June 30.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing device. 2,047,813; July 14.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Paper roll braking device. 2,048,764; July 28.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Paper throw-out device. 2,048,765; July 28.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Adjustable butt switch for web pasting devices. 2,048,766; July 28.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Automatic web splicing machine. 2,048,767; July 28.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing device. 2,049,791; Aug. 4.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Printing press. 2,050,031; Aug. 4.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Paper roll stand. 2,055,371; Sept. 22.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Apparatus for cooling printing plates. 2,060,358; Nov. 10.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing device. 2,060,359; Nov. 10.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web roll support. 2,060,360; Nov. 10.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing device. 2,063,359; Dec. 8.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web registering device. 2,065,000; Dec. 22.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing device. 2,065,001; Dec. 22.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Stereotype plate clamping means. 2,065,002; Dec. 22.



- Wood, Henry H., assignor to The Timken Roller Bearing Company, Canton, Ohio. Telltale roller bearing construction. 2,035,855; Mar. 31.
- Wood, Henry H., assignor to The Timken Roller Bearing Company, Canton, Ohio. Seal for bearing closures. 2,037,843; Apr. 21.
- Wood, Horace O., assignor to A. P. Green Fire Brick Company, Mexico, Mo. Block press. 2,032,034; Feb. 25.
- Wood, Hugh H., Westminster, S. C., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Harness for cross weaving. 2,033,800; Mar. 10.
- Wood Hydraulic Hoist & Body Company. (See Luty, Donald J., assignor.)
- Wood, J. R., & Sons, Inc. (See Lemmon, John E., assignor.)
- Wood, John. (See Bencowitz, I., and Wood.)
- Wood, John E., Eltham, England, assignor to The Superheater Company, New York, N. Y. Desuperheater. 2,056,241; Oct. 6.
- Wood, John E., London, England, assignor to The Superheater Company, New York, N. Y. Steam purification. 2,059,544; Nov. 3.
- Wood, John E., Eltham, England, assignor to The Superheater Company, New York, N. Y. Steam generating and superheating installation. 2,065,782; Dec. 29.
- Wood, John F. (See Belka, M. W., and Wood.)
- Wood, John M., Cranston, assignor to Franklin Process Company, Providence, R. I. Valve. 2,028,815; Jan. 28.
- Wood, John M., Cranston, assignor to Franklin Process Company, Providence, R. I. Cop-tube holder. 2,045,433; June 23.
- Wood, John, Manufacturing Company. (See Bolsinger, Raymon C., assignor.)
- Wood, John, Manufacturing Company. (See Brouse, William H. D., assignor.)
- Wood, John, Manufacturing Company. (See Marland, Arthur, assignor.)
- Wood, John, Manufacturing Company. (See Orbeck, Einar M., assignor.)
- Wood, John, Manufacturing Company. (See Rausch, Victor H., assignor.)
- Wood, Joseph D., Bethlehem, Pa. assignor to Roller-Smith Company. Circuit breaker. 2,028,963; Jan. 28.
- Wood, Joseph H., Jr. (See Howe, R. W., Love, and Wood.)
- Wood, Joseph L., assignor of one-half to C. W. Gill, Abilene, Tex. Display and conditioning stand. 2,038,464; Apr. 21.
- Wood, Louis S., assignor to Gar Wood Industries, Incorporated, Detroit, Mich. Dumping body hoist. 2,034,544; Mar. 17.
- Wood, Lysie A. (See Morse, R. W., and Wood.)
- Wood, Mallabar and Company Limited. (See Morse, Sidney H., assignor.)
- Wood, Morris B., assignor to The Chase-Shawmut Company, Newburyport, Mass. Fuse and fuse puller. 2,042,756; June 2.
- Wood, Morris B., assignor to The Chase-Shawmut Company, Newburyport, Mass. Electric fuse and assembling apparatus and method therefor. 2,046,669; July 7.
- Wood, Morris B., assignor to The Chase-Shawmut Company, Newburyport, Mass. Enclosed electric fuse and fusible element therefor. 2,055,115; Sept. 22.
- Wood Newspaper Machinery Corporation. (See Cullen, J. F., and Tornberg, assignors.)
- Wood Newspaper Machinery Corporation. (See Donohue, Joseph R., assignor.)
- Wood Newspaper Machinery Corporation. (See Isbell, John A., assignor.)
- Wood Newspaper Machinery Corporation. (See Isbell, J. A., and Ricards, assignors.)
- Wood Newspaper Machinery Corporation. (See Jordhoy, H. C., and Ricards, assignors.)
- Wood Newspaper Machinery Corporation. (See Tornberg, Isidor, assignor.)
- Wood Newspaper Machinery Corporation. (See Wood, Henry A. W., assignor.)
- Wood, Norman, Market Drayton, and D. P. Lockett, Whitchurch, England. Draught, dust, and weather excluder for doors and windows. 2,059,674; Nov. 3.
- Wood, Otis F., New Brighton, N. Y. Printing mechanism. 2,054,152; Sept. 15.
- Wood, Otis P., Plymouth, Mass. Loom filling runner eliminator. 2,034,967; Mar. 24.
- Wood, Percy M., Ashfield, near Sydney, assignor to Fastitch Machines Limited, Sydney, New South Wales, Australia. Hand tool for sewing the neck closures of fabric sacks. 2,055,165; Sept. 22.
- Wood, Raymond E., and R. S. Yoder, assignors to Galvin Manufacturing Corporation, Chicago, Ill. Electrostatic shield. 2,047,159; July 7.
- Wood, Robert T., Cleveland, Ohio, assignor, by mesne assignments, to Magnesium Development Corporation. Forging magnesium. 2,046,355; July 7.
- Wood, Samuel, Geneva, N. Y. Apparatus for the treatment of various flour products. 2,060,408; Nov. 10.
- Wood, Samuel A., Baldwin, and F. D. Jonas, East Williston, assignors to Oxford Filing Supply Co., New York, N. Y. Container. 2,041,274; May 19.
- Wood Shovel & Tool Company, The. (See Brandenburg, Francis C., assignor.)
- Wood, Thomas E., assignor to The Manufacturers Light and Heat Company, Pittsburgh, Pa. Gas burner. 2,051,431; Aug. 18.
- Wood, Vera L., trustees et al. (See Coppus, Frans H. C., assignor.)
- Wood, Vernon, F., Peshtigo, Wis. Demountable strainer. 2,032,644; Mar. 3.
- Wood, Walter A., Detroit, and J. O. Almen, Royal Oak, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Muffler. 2,027,359; Jan. 7.
- Wood, Walter J., Waverly, N. Y. Oil ring for locomotive rod pins. 2,057,222; Oct. 13.
- Wood, Wilbert C., Toronto, Ontario, Canada. Apparatus for cooling liquids. 2,055,022; Sept. 22.
- Wood, Wilfred R., assignor to Combustion Engineering Co. Inc., New York, N. Y. Steam generator. 2,044,270; June 16.
- Wood, Wilfred R., assignor to Combustion Engineering Company, Inc., New York, N. Y. Boiler and furnace installation. 2,064,098; Dec. 15.
- Wood, William W., New York, and F. W. Lutz, Floral Park, assignors, by mesne assignments, to B. Nicoll & Company, Inc., New York, N. Y. Sound record. 2,038,976; Apr. 28.
- Woodall-Duckham (1920) Limited. (See McEwan, Matthew H., assignor.)
- Woodall, Herbert J. (See Bumpus, J. A., and Woodall.)
- Woodall, Herbert J., and M. S. Randall, assignors to Woodall Industries Incorporated, Detroit, Mich. Laminated panel. 2,028,962; Jan. 28.
- Woodall Industries Incorporated. (See Bumpus, J. A., and Woodall, assignors.)
- Woodall Industries Incorporated. (See Chadwick, Francis L., assignor.)
- Woodall Industries Incorporated. (See Randall, Meredith S., assignor.)
- Woodall Industries Incorporated. (See Woodall, H. J., and Randall, assignors.)
- Woodall, John H., Woodland, Ga. One-piece guard. 2,049,037; July 28.
- Woodall, Ray, Springfield, Mo. Device to secure ice cream containers in shells. 2,050,909; Aug. 11.
- Woodard, George H. (See Hibberd, F. H., Woodard, and Kirgan.)
- Woodard, George H., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Regulating means for refrigerating systems. 2,039,762; May 5.
- Woodard, George H., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Regulating device for vacuum pumps. 2,044,867; June 23.
- Woodard, George H., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Controlling means for refrigerating apparatus. 2,050,516; Aug. 11.
- Woodard, George H., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Pump. 2,059,675; Nov. 3.
- Woodard, George H., Phillipsburg, N. J., and J. Kirgan, Easton, Pa., assignors to Ingersoll-Rand Company, Jersey City, N. J. Water-vapor refrigerating apparatus. 2,042,920; June 2.
- Woodard, R. H. (See McMillan, Eugene C., assignor.)
- Woodberry, David L. (See Gibson, H. C., Woodberry, and Stank.)
- Woodberry, David L., Edgewood Arsenal, Md. Point-detonating fuse for projectiles. 2,030,085; Feb. 11.
- Woodberry, John H., U. S. Army, Fort Bliss, Tex. Pressure indicator. 2,043,277; June 9.
- Woodbery, Daniel H., assignor to Havatampa Cigar Company, Tampa, Fla. Duplex cigar box. 2,033,315; Mar. 10.
- Woodbridge, Joseph L., assignor to The Electric Storage Battery Co., Philadelphia, Pa. Nonspill vent plug. 2,028,113; Jan. 14.
- Woodbridge, Joseph L., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Nonspill vent plug. 2,065,783; Dec. 29.
- Woodbridge, Richard G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating smokeless powder. 2,033,217; Mar. 10.
- Woodbridge, Richard G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Propellant powder. 2,038,700; Apr. 28.
- Woodbridge, Richard G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Flashless powder charge. 2,050,871; Aug. 11.
- Woodbury, Clifford A. (See Kirst, W. E., and Woodbury.)
- Woodbury, Clifford A., Media, and P. G. Wrightsman, Chester, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing explosive charges. 2,063,572; Dec. 8.
- Woodbury, John E., Worcester, Mass. Range finder. 2,057,549; Oct. 13.
- Woodcock, Joseph C., Cliffside Park, N. J., assignor to The Barrett Company, New York, N. Y. Apparatus for distributing road-binding material. 2,044,039; June 16.
- Woodcock, Reginald B. (See Barclay, W. R., Woodcock, and Minett.)
- Woodcock, Reginald B., and F. Barton, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon the heel-portion of shoes. 2,034,734; Mar. 24.
- Woodford, Watson H., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Molding process and molded article. 2,026,765; Jan. 7.
- Woodford, Watson H., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Lacquering processes. 2,064,866; Dec. 22.



- Woodforde, John, King's Cross, London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the remote control of railway points, signals, and the like. 2,040,539; May 12.
- Woodhead, Henry A., Graniteville, S. C. Apparatus for preshrinking cloth. 2,040,454; May 12.
- Woodhouse, James H. (See Evans, M. H., and Woodhouse.)
- Woodhouse, John C., Cragmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of oxygenated organic compounds. 2,043,688; June 9.
- Woodhouse, John C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalyst and catalytic process. 2,053,233; Sept. 1.
- Woodhouse, John C., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing hydrogen. 2,064,867; Dec. 22.
- Woodhull, Mark J. (See Fyske, M. L., and Woodhull.)
- Woodin, William H., Jr. (See Solter, Walter, assignor.)
- Woodings-Verona Tool Works. (See Kruse, J. F. W., Dawson, and Richardson, assignors.)
- Woodings-Verona Tool Works. (See Richardson, T. A., and Dawson, assignors.)
- Woodland, John B. (See Walker, G., and Woodland.)
- Woodley, Edward L., Dallas, Tex., assignor to Western Tablet & Stationery Corporation, Dayton, Ohio. Book cover. 2,054,778; Sept. 15.
- Woodley, Gordon T. K., Waterford, Ontario, Canada. Draft equalizer. 2,044,271; June 16.
- Woodman, George A., Chicago, Ill. Journal box lid. 2,044,040; June 16.
- Woodman, George A., Chicago, Ill. Journal box lid. 2,060,602; Nov. 10.
- Wood-Mosaic Co. (See Seiber, Andrew G., assignor.)
- Woodrow, Charles A., Schenectady, N. Y., assignor to General Electric Company. Electrical distribution system. 2,046,990; July 7.
- Woodruff, Albert E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone signaling system. 2,048,908; July 28.
- Woodruff, Albert E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Selective transformer. 2,052,008; Aug. 25.
- Woodruff, Alfred H. (See Taylor, W. I., and Woodruff.)
- Woodruff, Frank O., Newton, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Manufacture of impregnated fibrous base for shoe stiffener parts or the like. 2,063,649; Dec. 8.
- Woodruff, George, Providence, R. I., assignor to Artcraft Venetian Blind Company, Hazleton, Pa. Venetian blind. 2,031,752; Feb. 25.
- Woodruff, Graham C., Bronxville, N. Y., assignor to The L. C. L. Corporation. Container cushioning means for container cars. 2,057,223; Oct. 13.
- Woodruff, Graham C., Bronxville, N. Y., assignor to The L. C. L. Corporation. Loading, transporting, and unloading brick, or like commodities. 2,061,495; Nov. 17.
- Woodruff, Graham C., Bronxville, N. Y., assignor to The L. C. L. Corporation. Lime-cement container. 2,063,650; Dec. 8.
- Woodruff, Graham C., Bronxville, N. Y., assignor to The L. C. L. Corporation. Container lifting device. 2,063,651; Dec. 8.
- Woodruff, Graham C., Bronxville, N. Y., assignor to The L. C. L. Corporation. Handling and shipping flour and like materials. 2,063,652; Dec. 8.
- Woodruff, Harvey E., Corpus Christi, Tex. Underreamer. 2,031,353; Feb. 18.
- Woodruff, Henry S., Schenectady, N. Y., assignor to General Electric Company. Closure for an observation opening. 2,044,555; June 16.
- Woodruff, Henry S., Schenectady, N. Y., assignor to General Electric Company. Instrument panel for closed liquid heaters. 2,045,507; June 23.
- Woodruff, Herbert H. (See Garman, H. F., and Woodruff.)
- Woodruff, Jacob W., assignor of ten per cent to F. M. Strock, and forty per cent to C. L. Selzer, Cleveland, Ohio. Impelling and compressing gaseous fluids. 2,052,155; Aug. 25.
- Woodruff, John C. (See Sturken, O., and Woodruff.)
- Woodruff, Louis F., Brighton, Mass., and M. L. Nelson, Park Ridge, Ill., said Nelson assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill., and said Woodruff assignor to Central Records Inc., Chicago, Ill. Means for controlling card perforating machines. 2,028,638; Jan. 21.
- Woodruff, Louis F., Brighton, Mass., and M. L. Nelson, Park Ridge, Ill., said Nelson assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, and said Woodruff assignor to Central Records, Inc., Chicago, Ill. Combined perforating and printing mechanisms. 2,050,745; Aug. 11.
- Woodruff, Maurice D., W. H. Mechlin, and J. Markley, Springfield, assignors to The Bauer Brothers Company, Springfield, Ohio. Roasting apparatus. 2,031,086; Feb. 18.
- Woodruff, Samuel, assignor to New Bedford Shuttle Company, New Bedford, Mass. Threading eye for shuttles. 2,057,127; Oct. 13.
- Woods, Charles J., Syracuse, N. Y., assignor to National Fireproofing Corporation, Pittsburgh, Pa. Filter tile. 2,046,298; June 30.
- Woods, Emmett R., assignor to F. Lourene Woods, Carlisle, Pa. Trap construction. 2,059,164; Oct. 27.
- Woods, F. Lourene, et al. (See Marotte, Maurice L., assignor.)
- Woods, F. Lourene. (See Woods, Emmett R., assignor.)
- Woods, Fred, Richmond, England, assignor to Radio Corporation of America. Radio direction finder. 2,028,856; Jan. 28.
- Woods, Fred, Richmond, Surrey, England, assignor to Radio Corporation of America. Tuner. 2,061,726; Nov. 24.
- Woods, George, San Diego, Calif. Force pump. 2,056,994; Oct. 13.
- Woods, Gorham W., assignor to Hughes Tool Company, Houston, Tex. Vibrating magazine for applying hard material. 2,044,556; June 16.
- Woods, Harold L., Monroe, La. Drilling wells. 2,030,777; Feb. 11.
- Woods, John E. (See Clifford, W. B., and Woods.)
- Woods, Marion B., Weiser, Idaho. Ridge Breaker. 2,065,956; Dec. 29.
- Woods, P. E., et al. (See Johnson, Paul B., assignor.)
- Woods, Robert G. (See Reed, G. L., and Woods.)
- Woods, S. A., Machine Company. (See Carlson, Lewis B., assignor.)
- Woods, William J., assignor to Corning Glass Works, Corning, N. Y. Apparatus for drawing thermometer tubing. 2,052,269; Aug. 25.
- Woodson, Charles S., et al. (See Warner, Charles F., assignor.)
- Woodward, Alva W., Kent, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Apparatus for working metal. 2,043,915; June 9.
- Woodward, Arthur H., Winnetka, assignor to International Register Company, Chicago, Ill. Cutting tool. 2,053,358; Sept. 8.
- Woodward, E. C., et al. (See Pierce, Orbra C., assignor.)
- Woodward, Edwin C., Waco, Tex., assignor to The Trans-lode Joint Company, Chicago, Ill. Concrete pavement. 2,036,379; Apr. 7.
- Woodward, Elmer E., assignor to Woodward Governor Company, Rockford, Ill. Diesel engine governor. 2,039,507; May 5.
- Woodward, Emmett E., San Mateo, assignor to J. P. Callahan, San Francisco, Calif. Automobile side wing. 2,041,804; May 26.
- Woodward, Frank E., Rochester, N. Y. Surface dressing machine. 2,049,935; Aug. 4.
- Woodward Governor Company. (See Woodward, Elmer E., assignor.)
- Woodward, Hermon T., Troy, and A. H. Wright, Albany, assignors to Hall, Hartwell & Co., Inc., Troy, N. Y. Stitch adjuster for sewing machines. 2,053,757; Sept. 8.
- Woodward, Merle M. (See Burkoski, H., and Woodward.)
- Woodward, Raymond D., Summit, N. J. Drain cleaner. 2,027,661; Jan. 14.
- Woodworth, Charles B., Port Dickinson, N. Y. Lifting jack. 2,060,780; Nov. 10.
- Woodworth, James R., Manteca, Calif. Eyeshade. 2,027,008; Jan. 7.
- Woodworth, John A., Los Angeles, Calif. Shower door construction. 2,048,909; July 28.
- Woodworth, John L., Schenectady, N. Y., assignor to General Electric Company. Control device. 2,064,644; Dec. 15.
- Woody, Paul O., Soda Springs, Idaho. Lock for automobile engine hoods. 2,041,447; May 19.
- Wooldridge, Charles L., Pittsburgh, Pa. Prefabricated dwelling. 2,058,543; Oct. 27.
- Woolles, Ronald L., assignor to A. H. Heisey & Company, Newark, Ohio. Making etched glassware. 2,043,025; June 2.
- Wooley, Bruce D., Johnstown, Ohio. Power actuated steering mechanism. 2,062,774; Dec. 1.
- Woolf, Lottie, assignor to Mayflower Dress Company, Inc., New York, N. Y. Pocket for garments. 2,038,331; Apr. 21.
- Woolfrey, Ernest C., Edgehill, Va. Anchor. 2,058,751; Oct. 27.
- Woolfson, Walter M., Chicago, Ill. Cigar box. 2,047,090; July 7.
- Wool, John H., San Francisco, Calif. Refrigerated package. 2,045,627; June 30.
- Woolley, Bradford G., assignor to Hammel Oil Burning Equipment Company, Inc., Providence, R. I. Combustion controlling device for furnaces. 2,040,231; May 12.
- Woolson, Emma F., executrix. (See Woolson, Lionel M.)
- Woolson, Harry T., assignor to Chrysler Corporation, Detroit, Mich. Motor mounting. 2,041,506; May 19.
- Woolson, Harry T., assignor to Chrysler Corporation, Detroit, Mich. Motor mounting. 2,052,009; Aug. 25.
- Woolson, Harry T., assignor to Chrysler Corporation, Detroit, Mich. Power transmission. 2,055,325; Sept. 22.
- Woolson, Harry T., assignor to Chrysler Corporation, Detroit, Mich. Freewheeling transmission. 2,065,004; Dec. 22.
- Woolson, Lionel M., deceased, Detroit, by E. F. Woolson, executrix, Bloomfield, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,030,086; Feb. 11.



- Woolson, Lionel M., deceased, late of Detroit, by E. F. Woolson, executrix, Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,044,113; June 16.
- Woolson, Lionel M., deceased, Detroit, by E. F. Woolson, executrix, Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,053,057; Sept. 1.
- Wooten, Robert R. (See Hester, Loring B., assignor.)
- Worcester, Joseph A., Middletown, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone loading unit and balancing same. 2,055,189; Sept. 22.
- Worcester, Stanley E., Phoenix, Ariz. Saddle tree. 2,027,851; Jan. 14.
- Worden, Edward C., I., Millburn, N. J., assignor, by mesne assignments, to Hanson & Orth, New York, N. Y. Cellulosic substances and manufacture thereof from hemp fibers. 2,056,995; Oct. 13.
- Worden, Norbert P., assignor to C. M. Hall Lamp Company, Detroit, Mich. Head lamp. 2,043,567; June 9.
- Worden, Ralph C., Buffalo, N. Y. Tiled or paneled wall. 2,051,064; Aug. 18.
- Worden, Sam P., Houston, assignor of two-thirds to J. B. Rushing, Hemphill, and one-third to J. P. Barnes, Houston, Texas. Urine testing device. 2,056,497; Oct. 6.
- Work, Boyd H. (See Chormann, G. W., Upper, and Work.)
- Work, Ernest W., Toronto, Ontario, Canada, assignor to The Beaton & Cadwell Manufacturing Company, New Britain, Conn. Pressure, temperature, and vacuum relief valve. 2,047,722; July 14.
- Work, Ernest W., assignor to Patent Development Company Limited, Toronto, Ontario, Canada. Pressure control valve. 2,053,931; Sept. 8.
- Work, Harold K., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Oxide-coating aluminum. 2,050,872; Aug. 11.
- Workman, James M., Winnsboro, S. C. Concrete construction. 2,035,007; Mar. 24.
- Works, Madden T. (See Allen, H., and Works.)
- World Bestos Corporation. (See Nanfeldt, William, assignor.)
- Wormald, Alec, Blackley, England, assignor to Imperial Chemical Industries Limited. Dyeing process. 2,029,351; Feb. 4.
- Wormser, Arthur. (See Reinartz, Robert, assignor.)
- Wörner, Heinrich, Bischofsheim, assignor to Fichtel & Sachs Aktiengesellschaft, Schweinfurt-on-the-Main, Germany. Overflow valve for hydraulic shock absorbers. 2,033,664; Mar. 10.
- Wörner, Heinrich, Bischofsheim, assignor to Fichtel & Sachs A. G., Schweinfurt-on-the-Main, and Mecano G. m. b. H., Frankfurt-on-the-Main, Germany. Disk clutch. 2,037,610; Apr. 14.
- Worrall, B. Walter I., assignor of one-half to W. H. Howie, Davidson, Saskatchewan, Canada. Valve spring lifter. 2,049,484; Aug. 4.
- Wortelboer, James J., Muskegon Heights, Mich. Vegetable peeling machine. 2,038,018; Apr. 21.
- Worth Company, The. (See Butterworth, Samuel D., assignor.)
- Worth Company, The. (See Chalmers, Raymond W., assignors.)
- Worth Company, The. (See Colman, Ben, assignor.)
- Worth Company, The. (See Evans, Edward S., assignor.)
- Worth Company, The. (See Hann, William E., assignor.)
- Worth Company, The. (See Hice, John W., assignor.)
- Worth, Myrtle E., executrix. (See Brisbois, Odilon.)
- Worth, Thomas F., Lynn, Mass., assignor to General Electric Company. Lubricating system. 2,042,575; June 2.
- Worth, W. P. (See Brisbois, Odilon, assignor.)
- Worth, William O., Chicago, Ill. Engine or pump. 2,054,110; Sept. 15.
- Worth, Yvonne, East Orange, N. J., assignor, by mesne assignments, to Zotos Corporation, New York, N. Y. Device for use in waving hair. 2,051,667; Aug. 18.
- Worthing, Archie G., Pittsburgh, and R. S. Euler, Sewickley, Pa. Destruction of living organisms. 2,059,835; Nov. 3.
- Worthington, Charles C., Dunfield, N. J. Gang lawn mower. 2,032,784; Mar. 3.
- Worthington, Charles C., Dunfield, N. J. Gang lawn mower. 2,058,048; Oct. 20.
- Worthington, Edward H., Dunfield, N. J. Lawn mower. 2,049,883; Aug. 4.
- Worthington, John T., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Electric dehydrator. 2,033,167; Mar. 10.
- Worthington, John T., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. System for electric dehydration. 2,033,567; Mar. 10.
- Worthington Mower Company. (See Tuttle, Arthur S., assignor.)
- Worthington Pump and Machinery Corporation. (See Baer, Alvin H., assignor.)
- Worthington Pump and Machinery Corporation. (See Blessing, William J., assignor.)
- Worthington Pump and Machinery Corporation. (See Dorer, Oscar H., assignor.)
- Worthington Pump and Machinery Corporation. (See Feldbush, Harry A., assignor.)
- Worthington Pump and Machinery Corporation. (See Gilman, George H., assignor.)
- Worthington Pump and Machinery Corporation. (See Hiller, Nicolai H., assignor.)
- Worthington Pump and Machinery Corporation. (See Hiller, N. H., and McCabe, assignors.)
- Worthington Pump and Machinery Corporation. (See Hirschberg, Charles A., assignor.)
- Worthington Pump and Machinery Corporation. (See McBath, Bartley R., Jr., assignor.)
- Worthington Pump and Machinery Corporation. (See Murphy, Thomas L., assignor.)
- Worthington Pump and Machinery Corporation. (See Ott, Reuben, assignor.)
- Worthington Pump and Machinery Corporation. (See Schorle, H. J., and Smith, assignors.)
- Worthington Pump and Machinery Corporation. (See Schroeder, Walter W., assignor.)
- Worthington Pump and Machinery Corporation. (See Smith, William A., Jr., assignor.)
- Worthington Pump and Machinery Corporation. (See Smith, W. A., Jr., and Schorle, assignors.)
- Worthington, Warren, Pittsburgh, Pa. Shearing method and apparatus. 2,038,254; Apr. 21.
- Worthington, Warren, Pittsburgh, Pa. Apparatus for and method of shearing hollow pieces. 2,038,255; Apr. 21.
- Wortz, Charles G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Adsorbent carbon. 2,036,380; Apr. 7.
- Wossilek, Thomas, Monongahela, Pa. Game apparatus. 2,057,603; Oct. 13.
- Wotherspoon, Robert, East Orange, N. J., assignor to Derris, Inc., New York, N. Y. Producing water-soluble and water-miscible insecticides and products produced thereby. 2,052,374; Aug. 25.
- Wotherspoon, Robert, East Orange, N. J., assignor to Derris, Inc., New York, N. Y. Insecticidal solution. 2,058,200; Oct. 20.
- Wotring, Gaylord H., Scotia, N. Y., assignor to General Electric Company. Flow meter. 2,032,245; Feb. 25.
- Wovenright Knitting Co., The. (See Regar, Howard S., assignor.)
- Woytych, Raymond M., Fond du Lac, Wis. Speed indicator. 2,044,825; June 23.
- Wozny, Alex T., Genoa, Nebr. Saw-tooth protractor. 2,063,776; Dec. 8.
- Wrangle, Georg V., Alsten, Sweden. Device for attaching labels on bottles, cans, and the like. 2,065,957; Dec. 29.
- Wrap-Ade Machine Company. (See Salfisberg, Leroy L., assignor.)
- Wray, Cheves L., Rahway, N. J. Attaching device for tubular conduits and the like. 2,058,752; Oct. 27.
- Wrentmore, Clarence G., deceased, Detroit, Mich., Margaret M. Wrentmore, administratrix. Jet pump. 2,040,890; May 19.
- Wrentmore, Margaret M., administratrix. (See Wrentmore, Clarence G.)
- Wright Aeronautical Corporation. (See Daub, Rudolph, assignor.)
- Wright Aeronautical Corporation. (See Gagg, Rudolph F., assignor.)
- Wright, Alan L., Kingston-on-Thames, England. Apparatus for heating liquids. 2,041,630; May 19.
- Wright, Alpha H. (See Woodward, H. H., and Wright.)
- Wright, Bryan N., et al. (See Hyatt, Benjamin S., assignor.)
- Wright, Charles H., Shreveport, La., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Method and apparatus for conditioning molten glass. 2,049,600; Aug. 4.
- Wright, Charles L., Monroe, N. Y. Washing device for automobiles and the like. 2,061,219; Nov. 17.
- Wright, Clarence L., Harrisburg, Pa. Powder puff. 2,035,357; Mar. 24.
- Wright, Claude L., Harper, Oreg. Ditcher. 2,033,168; Mar. 10.
- Wright, Daniel K., Cleveland Heights, Ohio, assignor to General Electric Company. Electric incandescent lamp for projecting purposes. 2,041,583; May 19.
- Wright, David E., Harrisonburg, Va., assignor of one-third to F. E. Wright, Washington, D. C. Collapsible carton. 2,061,496; Nov. 17.
- Wright, Edward A., Fresno, Calif. Automobile body. 2,061,788; Nov. 24.
- Wright, Evan H. (See Stout, W. B., and Wright.)
- Wright, Evan H. (See Stout, W. B., Wright, and Blocher.)
- Wright, Evan H., Detroit, Mich., assignor to Pullman-Standard Car Manufacturing Company. Side bearing for railway cars. 2,056,222; Oct. 6.
- Wright, Evan H., Detroit, and R. H. Upson, Ann Arbor, Mich., assignors to Pullman-Standard Car Manufacturing Company. Center bearing for railway cars. 2,056,221; Oct. 6.
- Wright, Evan H., Detroit, and E. W. Dart, Dearborn, Mich., assignors to Pullman-Standard Car Manufacturing Company. Railway car. 2,056,225; Oct. 6.
- Wright, F. Everett. (See Wright, David E., assignor.)
- Wright, Frank C., Jr., Tarrytown, N. Y., assignor to Penn Anthracite Collieries Company, Scranton, Pa. Coal separator. 2,058,374; Oct. 20.
- Wright, Frank P., Long Beach, Calif. Rubber heel. 2,031,753; Feb. 25.
- Wright, Frederick H., and E. W. Lewis, London, England, assignors to The Century Machinery Company, Cincinnati, Ohio. Machine for peeling or cleaning vegetables and the like. 2,043,873; June 9.



- Wright, George M., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Treatment of rubber. 2,052,435; Aug. 25.
- Wright, George M., Essex, England, assignor to Radio Corporation of America. Radio receiver. 2,056,031; Sept. 29.
- Wright, George M., Chelmsford, and G. F. Brett, Leeds, England, assignors to Radio Corporation of America. Photophone. 2,031,198; Feb. 18.
- Wright, Harold A., Newton, assignor to A. W. Brooks, Boston, Mass., doing business under the name and style of Multisort Company. Easel. 2,046,010; June 30.
- Wright, Harold E., Appleton, assignor to Central Paper Company, Menasha, Wis. Mulch fertilizer paper. 2,038,019; Apr. 21.
- Wright, Harry, San Diego, Calif., and H. Hemperly, Phoenix, Ariz. Automatic tire gauge switch. 2,040,891; May 19.
- Wright, Horace C., Oak Park, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Household mixer. 2,038,256; Apr. 21.
- Wright, Howard J., St. Albans, Vt. Hat hanger. 2,060,711; Nov. 10.
- Wright, James G. E., Alplaus, N. Y., assignor to General Electric Company. Synthetic resins and preparing the same. 2,036,009; Mar. 31.
- Wright, Jennie. (See Evans, Joshua D., assignor.)
- Wright, Jesse C. (See Howard, J. H., and Wright.)
- Wright, Jesse C., Los Angeles, Calif. Well drill. 2,034,074; Mar. 17.
- Wright, Jesse C., Los Angeles, Calif. Convertible drilling tool. 2,034,075; Mar. 17.
- Wright, Jesse C., Los Angeles, assignor to Globe Oil Tools Company, Los Nietos, Calif. Well drilling tool. 2,028,579; Jan. 21.
- Wright, Jesse C., Los Angeles, assignor to Globe Oil Tools Company, Los Nietos, Calif. Core drill. 2,034,072; Mar. 17.
- Wright, Jesse C., Los Angeles, assignor to Globe Oil Tools Company, Los Nietos, Calif. Well bit. 2,034,073; Mar. 17.
- Wright, Jesse C., Los Angeles, assignor to Globe Oil Tools Company, Los Nietos, Calif. Device for facilitating the removal of a core from a barrel. 2,049,580; Aug. 4.
- Wright, Jesse C., Los Angeles, assignor to Globe Oil Tools Company, Los Nietos, Calif. Stabilized well drilling bit. 2,054,277; Sept. 15.
- Wright, Jesse C., Los Angeles, assignor to Globe Oil Tools Company, Los Nietos, Calif. Reamer. 2,056,498; Oct. 6.
- Wright, Jesse C., Los Angeles, and J. H. Howard, Huntington Park, Calif. Fishing tool. 2,054,278; Sept. 15.
- Wright, Jesse C., Los Angeles, and J. H. Howard, Huntington Park, assignors to Globe Oil Tools Company, Los Nietos, Calif. Rock bit. 2,049,581; Aug. 4.
- Wright, Joseph. (See Goodyear, E. F., Wright, and Trevasakis.)
- Wright, Judson W., Detroit, Mich. Temperature controlled switch. 2,060,712; Nov. 10.
- Wright, Judson W., and E. H. Glinz, Detroit, Mich. Solenoid valve. 2,037,844; Apr. 21.
- Wright, Judson W., and E. H. Glinz, Detroit, Mich. Thermostatic switch. 2,060,713; Nov. 10.
- Wright, Kindy C., St. Paul, Minn. Humidifying heat-saver. 2,029,208; Jan. 28.
- Wright, Lee A., Jr., Burley, Idaho. Foot-operated transmission. 2,027,260; Jan. 7.
- Wright, Leigh W., Norwood, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Automatic pattern controlled reproducing machine. 2,059,505; Nov. 3.
- Wright & McGill Co. (See Nelson, Paul A., assignor.)
- Wright, Percy T., Clarendon, Va. Treating coconut shell. 2,062,853; Dec. 1.
- Wright, R. G., and Co. (See Petersen, Thorvald, assignor.)
- Wright, R. M., et al. (See Brenholm, Nels, assignor.)
- Wright, Rea P., Chevy Chase, Md., assignor to Emerol Manufacturing Co., New York, N. Y. Lubricating system for internal combustion engines. 2,032,822; Mar. 3.
- Wright, Rea P., Chevy Chase, Md., assignor to Emerol Manufacturing Co., New York, N. Y. Lubricating system for internal combustion engines. 2,032,823; Mar. 3.
- Wright, Richard H., Cleveland, Ohio. Venetian blind filter. 2,031,354; Feb. 18.
- Wright, Royale A. (See Tahvonen, C., and Wright.)
- Wright, Sherman, Forest, assignor of one-half to J. Shoemaker, Frankfort, Ind. Tongs. 2,044,656; June 16.
- Wright, Stanley R., Bedford, England. Voltage failure protection device. 2,036,736; Apr. 7.
- Wright, Stephen G., Chicago, Ill. Preventing blooming of roofing granules. 2,062,080; Nov. 24.
- Wright, Sumner B. (See Nyquist, H., Wright, and Abraham.)
- Wright, Sumner B., South Orange, and D. Mitchell, Bound Brook, N. J., assignors to American Telephone and Telegraph Company. Telephone transmission circuit. 2,041,101; May 19.
- Wright, Sumner B., South Orange, and L. G. Abraham, Madison, N. J., assignors to American Telephone and Telegraph Company. Telephone transmission circuits. 2,043,403; June 9.
- Wright, Thomas G., Tarentum, assignor to Duplate Corporation, Allegheny County, Pa. Edge grinding machine. 2,057,809; Oct. 20.
- Wright, Victor. (See Clarke, C. A., and Wright.)
- Wright, Vincent. (See Rosen, Shy, assignor.)
- Wright, Wallace C., Brookfield, N. H., assignor to Harding Engineering Company, Boston, Mass. Slicking machine. 2,034,454; Mar. 17.
- Wright, Walter L., assignor to Synchronome Corporation, Santa Monica, Calif. Motion picture projector. 2,028,484; Jan. 21.
- Wright, Walter L., assignor to Synchronome Corporation, Santa Monica, Calif. Optical system and automatic control for the same. 2,028,485; Jan. 21.
- Wright, Wilbur L., and L. D. Pierce, assignors to Oswego Falls Corporation, Fulton, N. Y. Hood capping closure disk. 2,036,737; Apr. 7.
- Wright, Wilbur L., and L. D. Pierce, assignors to Oswego Falls Corporation, Fulton, N. Y. Hood capping container. 2,047,846; July 14.
- Wright, William B. (See Robe, Walten B., assignor.)
- Wright, William D., Brockport, assignor to C. F. Robb, Jr., Webster, N. Y. Bag filling machine. 2,027,261; Jan. 7.
- Wright, William N., Washington, D. C., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,064,283; Dec. 15.
- Wright, William R., Lincoln, Nebr. Autographic register. 2,036,668; Apr. 7.
- Wright, Wilson D. Craig, Princeton, N. J. Skate sharpener. 2,053,359; Sept. 8.
- Wright's Automatic Tobacco Packing Machine Company. (See Hulse, James E., assignor.)
- Wrightsmen, Philip G. (See Woodbury, C. A., and Wrightsmen.)
- Wroble, Theodore M. (See Johnson, A. C., and Wroble.)
- Wuebben, Bernard H., assignor to The Buckeye Portable Tool Company, Dayton, Ohio. Power operated portable tool. 2,043,502; June 9.
- Wuehr, William L., Brooklyn, N. Y. Internal combustion engine. 2,057,075; Oct. 13.
- Wuertz, Alexander J. (See Holmes, F. B., Wuertz, and Lycan.)
- Wuertz, Alexander J., Carrollville, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of dyestuffs and intermediates of the dibenzanthrone series. 2,028,117; Jan. 14.
- Wuertz, Alexander J., Carrollville, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraquinone derivatives and preparing the same. 2,042,165; May 26.
- Wuertz, Alexander J., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the violanthrone series and their production. 2,051,121; Aug. 18.
- Wuertz, Alexander J., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Violanthrones and preparing them. 2,051,122; Aug. 18.
- Wuertz, Alexander J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vat dyes of the dibenzanthrone series. 2,053,308; Sept. 8.
- Wuertz, Alexander J., Carrollville, and M. S. Whelen, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Benzanthrone thiazole and preparing the same. 2,028,114; Jan. 14.
- Wuertz, Alexander J., Carrollville, and M. S. Whelen, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dibenzanthrone-azole and preparing the same. 2,028,115; Jan. 14.
- Wuertz, Alexander J., Carrollville, and M. S. Whelen, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Benzanthrone selenazole and preparing the same. 2,028,116; Jan. 14.
- Wuertz, Alexander J., Carrollville, and M. S. Whelen, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chloro-benzoylamino-anthraquinones. 2,032,519; Mar. 3.
- Wuertz, Alexander J., Carrollville, and M. S. Whelen, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chloro substituted dibenzoylamino anthrimide compounds. 2,032,520; Mar. 3.
- Wuertz, Alexander J., and W. H. Lycan, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Violanthrone derivatives and preparing them. 2,051,119; Aug. 18.
- Wuertz, Alexander J., and W. H. Lycan, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Violanthrone derivatives. 2,051,120; Aug. 18.
- Wuertz, Alexander J., Carrollville, and M. S. Whelen, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone acridone series and making them. 2,052,592; Sept. 1.
- Wuest, John H., et al. (See Junkin, John C., assignor.)
- Wuest, Walter R., et al. (See Junkin, John C., assignor.)
- Wuillot, Marcel V., assignor to "Compagnie Belge d'Accumulateurs dite Cebea" societe anonyme, Brussels, Belgium. Separator for electric accumulators. 2,053,058; Sept. 1.
- Wulf, Charles A., assignor to American Valve & Enameling Corporation, Indianapolis, Ind. Welding method and apparatus. 2,040,038; May 5.
- Wulf, Charles A., Indianapolis, Ind., assignor to The Ceramic Process Company, Beaver Falls, Pa. Pigmenting surfaces and apparatus therefor. 2,064,284; Dec. 15.
- Wulf, Gerhard, Hanover, Germany. Printing of paper or textile strips. 2,054,763; Sept. 15.



- Wulfert, Otto, assignor to Wagner Electric Corporation, St. Louis, Mo. Motor drive for toy trucks or the like. 2,054,644; Sept. 15.
- Wulff, Carl, Ludwigshafen-on-the-Rhine, M. Treppenhauer, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of chrysene. 2,056,915; Oct. 6.
- Wulff, Otto. (See Nicodemus, O., and Wulff.)
- Wulff Process Company. (See Wulff, Robert G., assignor.)
- Wulff, Robert G. (See Coberly, C. J., and Wulff.)
- Wulff, Robert G., assignor to Wulff Process Company, Los Angeles, Calif. Producing acetylene gas. 2,037,056; Apr. 14.
- Wullweber, Lena, Virgil, S. Dak. Rug making implement. 2,053,171; Sept. 1.
- Wulsten, Kurt, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,044,142; June 16.
- Wunderlich, Norman E., West Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Acoustic diaphragm. 2,038,401; Apr. 21.
- Wunderlich, William E., assignor to The Moore Company, Muncie, Ind. Bed davenport. 2,028,426; Jan. 21.
- Wunderlich, William E., assignor to The Moore Company, Muncie, Ind. Bed davenport. 2,059,978; Nov. 3.
- Wünsch, Guido, Berlin-Steglitz, assignor to Askania-Werke Aktiengesellschaft, Berlin-Friedenau, Germany. Temperature measuring and/or recording apparatus. 2,038,465; Apr. 21.
- Wünsch, Guido, Berlin-Steglitz, Germany, assignor to Askania-Werke A. G. vormalis Central Werkstatt Dessau und Carl Bamberg-Friedenau. Paper machine control. 2,062,922; Dec. 1.
- Wünsch, Guido, Berlin-Steglitz, Germany, and A. J. D. Humby, Ipswich, England, assignors to Askania-Werke A. G. vormalis Central Werkstatt Dessau und Carl Bamberg-Friedenau. Apparatus for regulating and/or measuring the flow of fluids. 2,042,374; May 26.
- Wünsch, Guido, Berlin-Steglitz, Germany, and H. Ziebolz, Chicago, Ill., assignors to Askania-Werke A. G. vormalis Central Werkstatt Dessau und Carl Bamberg-Friedenau. Combustion regulator. 2,052,375; Aug. 25.
- Wunsch, Paul, Leipzig, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Pump stop mechanism for typographical line casting machines. 2,029,976; Feb. 4.
- Wünsche, Otto, Berlin-Friedenau, Germany, assignor to General Electric Company. Power system. 2,030,673; Feb. 11.
- Wunthal, Morris, New York, N. Y. Lady's hand bag. 2,026,663; Jan. 7.
- Würker G. m. b. H. (See Bohmann, A. A., and Scheibel, assignors.)
- Wurker G. m. b. H. (See Scheibel, Kurt G., assignor.)
- Wurlitzer Grand Piano Company. (See Fischer, Hermann, assignor.)
- Wurlitzer Grand Piano Company. (See Nelson, Gustav R., assignor.)
- Wurlitzer Grand Piano Company. (See Schmidt, Otto, assignor.)
- Wurlitzer, Rudolph, Manufacturing Company, The. (See Vaughn, John L., assignor.)
- Wurm, Carl, Brooklyn, assignor to American Sound Producing Laboratories, New York, N. Y. Sound gate. 2,064,050; Dec. 15.
- Wurm, Carl, and R. Goldstein, assignors of thirty per cent to H. R. Walls, Elmhurst, and thirty per cent to M. Bermont, Brooklyn, N. Y. Combined moving picture and talking machine. 2,064,049; Dec. 15.
- Wurster, Amsy L. (See Albright, Robert E., assignor.)
- Wurster, Harry, Weehawken, and J. G. Lindstrom, Paterson, N. J. Package for shipping and transporting bottles. 2,049,884; Aug. 4.
- Wurtele, Allan R., New Roads, La. Internal combustion engine. 2,044,522; June 16.
- Wurtele, Allan R., New Roads, La. Internal combustion engine. 2,059,720; Nov. 3.
- Württembergische Metallwaren-fabrik Aktiengesellschaft. (See Reuss, Viktor, assignor.)
- Wurzbacher, Albert F. (See Connolly, G. C., and Wurzbacher.)
- Wurzbacher, Karl. (See Stafford, J. A., and Wurzbacher.)
- Wurzburg, Donald B., Grand Rapids, Mich. Rug anchoring device. 2,042,692; June 2.
- Wurzer, Martin. (See Sedgley, R. F., and Wurzer.)
- Wurzlów, Calvin, Houma, La. Cover fastening means. 2,065,878; Dec. 29.
- Wyant, Leroy, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Controlling mechanism for interlocked railway signals and switches. 2,046,143; June 30.
- Wyatt, De Witt H. (See Macready, J. A., and Wyatt, assignors.)
- Wyatt, Francis D., Davenport, Iowa. Switch interlocking means and method. 2,038,779; Apr. 28.
- Wyatt, Frank, and J. C. Dunn, Oakdale, Calif. Clover seed harvester. 2,046,932; July 7.
- Wyatt, Harold T. (See Lehr, P. E., and Wyatt.)
- Wyeth, John, & Brother, Incorporated. (See Barol, Alfred, assignor.)
- Wyeth, John, & Brother, Incorporated. (See Bird, John C., assignor.)
- Wyeth, Nathaniel, Detroit, Mich., and E. F. Rossman, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorber. 2,046,889; July 7.
- Wygal, Clyde D., Manistique, Mich., assignor to Inland Lime and Stone Company. Decalcification of magnesian dolomites. 2,028,639; Jan. 21.
- Wyker, Arthur T. (See Wilkins, J., and Wyker.)
- Wyler, Joseph A., Allentown, Pa., assignor to Trojan Powder Company. Purification of trinitrotoluene. 2,032,035; Feb. 25.
- Wyler, Joseph A., Allentown, Pa., assignor to Trojan Powder Company. Nitration of sugars and their glycosides. 2,039,045; Apr. 28.
- Wyler, Joseph A., Allentown, Pa., assignor to Trojan Powder Company. Nitration of sugars. 2,039,046; Apr. 28.
- Wyler, Joseph A., Allentown, Pa., assignor to Trojan Powder Company. Preparation of tetranitromethane. 2,057,076; Oct. 13.
- Wyler, Max, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Rhodamine coloring matters and preparing the same. 2,031,023; Feb. 18.
- Wyler, Max, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of N-substituted cyano-formarylides. 2,047,657; July 14.
- Wyler, Max, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Naphthalene polycarboxylic acid derivative and preparing the same. 2,063,286; Dec. 8.
- Wyler, Max, R. W. Kersey, and H. Smith, Blackley, England, assignors to Imperial Chemical Industries Limited. Manufacture of diarylamine derivatives. 2,046,356; July 7.
- Wyler, Max, and R. W. Kersey, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Naphthalene derivatives. 2,063,211; Dec. 8.
- Wyleta, Anton. (See Rubel, C. F., and Wyleta.)
- Wylie, Andrew, Clifton, assignor to L. C. Smith Bobbin Works, Phillipsburg, N. J. Winding head. 2,041,102; May 19.
- Wylie, Earl, Bryantsville, Ky. Shock absorbing coupling. 2,038,020; Apr. 21.
- Wylie, Hamilton N. (See Siddeley, J. D., and Wylie.)
- Wylie, Laurence, and J. V. Lamson, Seattle, Wash. Current collector. 2,057,994; Oct. 20.
- Wyman, Charles W., Claremont, N. H., assignor to Sullivan Machinery Company. Electrical controller. 2,061,887; Nov. 24.
- Wyman, Daniel E., assignor to The Philadelphia Drying Machinery Company, Philadelphia, Pa. Oil burner. 2,042,034; May 26.
- Wyncoop, John C. (See Stout, Mark W., Jr., assignor.)
- Wynn, Hugh V., Hayward, Calif. Adjustable-bulkhead-cargo-press structure for railway cars. 2,056,815; Oct. 6.
- Wynn, John, Jr., Canton, Ohio. Mechanical stoker for furnaces. 2,034,890; Mar. 24.
- Wynn, Samuel J., Norwalk, Conn. Multiple fuse. 2,034,366; Mar. 17.
- Wynne, Robert J., Bellwood, assignor to I. D. Porter, River Forest, Ill. Bottle washing and conveying mechanism. 2,044,041; June 16.
- Wyomissing Glazed Paper Company. (See Brown, Walter E., assignor.)
- Wyomissing Glazed Paper Company. (See Crowther, Cecil R., assignor.)
- Wyscaver, Floyd J., assignor of one-third to Henry C. Parker, Washington, D. C. Tool for opening automobile doors. 2,027,009; Jan. 7.
- Wysor, Davidson C., Ridgewood, N. J., assignor to General Chemical Company, New York, N. Y. Calcium sulphate product and method of making. 2,052,436; Aug. 25.
- Wyss, Walter, assignor to Société Anonyme Adolphe Saurer, Arbon, Switzerland. Metallic filling materials. 2,048,044; July 21.
- Xardell, Charles A., assignor of one-half to C. Coupe, Utica, N. Y. Spark plug. 2,047,302; July 14.
- Yabroff, David L., and J. W. Givens, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Sweetening a sour hydrocarbon distillate. 2,059,075; Oct. 27.
- Yackel, Edward C., and W. O. Kenyon, assignors to Eastman Kodak Company, Rochester, N. Y. Fibrous esterification of cellulose employing homogenizers of the benzene series. 2,036,382; Apr. 7.
- Yackley, Raymond J., and R. C. Hall, Detroit, Mich., assignors to The National Cash Register Company, Dayton, Ohio. Totalizer and keyboard capacity control for calculating machines. 2,052,044; Aug. 25.
- Yacovino, Ralph, New York, N. Y. Shirt. 2,061,181; Nov. 17.
- Yaeger, William. (See Hexamer, H. D., and Yaeger.)
- Yager, George F., assignor to The Bunting Brass & Bronze Company, Toledo, Ohio. Tool slide assembly. 2,034,645; Mar. 17.
- Yager, George F., assignor to The Bunting Brass & Bronze Company, Toledo, Ohio. Chute assembly. 2,040,232; May 12.
- Yager, George F., assignor to The Bunting Brass & Bronze Company, Toledo, Ohio. Clutch and brake mechanism. 2,055,887; Sept. 29.



- Yager, George F., and O. J. Heath, assignors to The Bunting Brass and Bronze Company, Toledo, Ohio. Molding apparatus. 2,033,317; Mar. 10.
- Yager, George F., and O. J. Heath, assignors to The Bunting Brass and Bronze Company, Toledo, Ohio. Broaching machine. 2,041,894; May 26.
- Yager, George F., and O. J. Heath, assignors to The Bunting Brass and Bronze Company, Toledo, Ohio. Clutch mechanism. 2,043,568; June 9.
- Yager, George F., and O. J. Heath, assignors to The Bunting Brass and Bronze Company, Toledo, Ohio. Drilling attachment for metal working machines. 2,055,888; Sept. 29.
- Yager, George F., and O. J. Heath, assignors to The Bunting Brass and Bronze Company, Toledo, Ohio. Metal working machine. 2,060,158; Nov. 10.
- Yager, George F., and O. J. Heath, assignors to The Bunting Brass and Bronze Company, Toledo, Ohio. Chamfering machine. 2,060,159; Nov. 10.
- Yager, George F., and O. J. Heath, assignors to The Bunting Brass and Bronze Company, Toledo, Ohio. Feeder mechanism. 2,062,854; Dec. 1.
- Yaglou, Constantin P., Boston, Mass., assignor, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J. Controlling the ionic content of air. 2,043,217; June 2.
- Yaglou, Constantin P., Boston, Mass., assignor, by mesne assignments, to H. Seid, New York, N. Y. Controlling ionic content of air. 2,060,842; Nov. 17.
- Yale & Towne Manufacturing Company, The. (See Altieri, Antonio, assignor.)
- Yale & Towne Mfg. Co., The. (See Bennett, M. D., and Archer, assignors.)
- Yale & Towne Manufacturing Company, The. (See Goehring, William E., assignor.)
- Yale & Towne Manufacturing Company, The. (See Golden, Abraham H., assignor.)
- Yale & Towne Manufacturing Company, The. (See Heverly, Earl L., assignor.)
- Yale & Towne Manufacturing Company, The. (See Heyer, F. K., and Lowe, assignors.)
- Yale & Towne Mfg. Co., The. (See Lach, Joseph F., assignor.)
- Yale & Towne Mfg. Co., The. (See Ladwig, Wilhelm, assignor.)
- Yale & Towne Manufacturing Company, The. (See Ledin, Charles, assignor.)
- Yale & Towne Manufacturing Company, The. (See Lohrs, Edward F., assignor.)
- Yale & Towne Manufacturing Company, The. (See Lowe, Charles B., assignor.)
- Yale & Towne Mfg. Co., The. (See Maxwell, M. C., Thompson, Ledin, and Lowe, assignors.)
- Yale & Towne Manufacturing Company, The. (See Rolph, Samuel F., assignor.)
- Yale & Towne Mfg. Co., The. (See Schroeder, Charles S., assignor.)
- Yale & Towne Manufacturing Company, The. (See Singleton, George W., assignor.)
- Yale & Towne Manufacturing Company, The. (See Stuebing, William, Jr., assignor.)
- Yale & Towne Mfg. Co. (See Thompson, Frank E., assignor.)
- Yama, Ototaro N., Gardena, Calif. Brick. 2,060,361; Nov. 10.
- Yamamoto, Nobutaka. (See Saito, S., and Yamamoto.)
- Yamin, George, et al. (See Magro, Ralph, assignor.)
- Yancey, John R., Houston, Tex., assignor to Gray Tool Company. Inside pipe cutter. 2,048,530; July 21.
- Yannes, Peter, Hazleton, Pa. Stone mucking machine. 2,051,629; Aug. 18.
- Yannes, Stephen E., assignor of one-half to A. L. Bott, Nuremberg, Pa. Foul line signal. 2,037,671; Apr. 14.
- Yannetta, Peter, Waterbury, Conn. Clutch lock. 2,062,628; Dec. 1.
- Yanover, Max, Brooklyn, N. Y. Shoe device. 2,058,933; Oct. 27.
- Yarbrough, Harold C., Brea, Calif., assignor to O. P. Yowell Service Co., Inc. Cleaning apparatus for perforated pipe and the like. 2,055,515; Sept. 29.
- "Yard-Man" Inc. (See Funk, Truman B., assignor.)
- "Yard-Man", Inc. (See Funk, T. B., and Corwin, assignors.)
- Yarian, James L. (See Swanson, V. J., and Yarian.)
- Yarnall-Waring Company. (See Aicher, Alfred L., assignor.)
- Yates, Arthur T., West Seneca, assignor to Buffalo Forge Company, Buffalo, N. Y. Power press. 2,062,692; Dec. 1.
- Yates, Charles E., Perth Amboy, N. J., assignor to Anaconda Copper Mining Company, New York, N. Y. Apparatus for electrodeposition. 2,035,517; Mar. 31.
- Yates, Charles E., Perth Amboy, N. J., assignor, by mesne assignments, to Anaconda Copper Mining Company, New York, N. Y. Method and apparatus for electrodeposition. 2,044,415; June 16.
- Yates, Charles E., Perth Amboy, N. J., assignor to Anaconda Copper Mining Company, New York, N. Y. Electrodeposition. 2,051,928; Aug. 25.
- Yates, George, Chicago, Ill. Apparatus for the utilization of waste heat. 2,048,242; July 21.
- Yates Machine Company. (See Preston, Amos J., assignor.)
- Yates, Margaret T. (See Grant, John E., assignor.)
- Yates, Paul, Pittsburgh, assignor to Oil City National Bank, Oil City, Pa. Telemetric system and mechanism for use therewith. 2,035,358; Mar. 24.
- Yates, Paul R., Pampa, Tex. Flexible coupling. 2,038,466; Apr. 21.
- Yates, Wallace J., Martinez, assignor to Shell Development Company, San Francisco, Calif. Leather cleaning composition. 2,064,285; Dec. 15.
- Yawman & Erbe Mfg. Co. (See Clark, James R., assignor.)
- Yawman & Erbe Mfg. Co. (See Harby, Cyril I., assignor.)
- Yawman & Erbe Mfg. Co. (See Roscoe, Edwin S., assignor.)
- Yawman & Erbe Mfg. Co. (See Ward, Charles W., assignor.)
- Yawman & Erbe Mfg. Co. (See Yawman, Francis J., assignor.)
- Yawman, Francis J., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Reinforced file folder. 2,062,436; Dec. 1.
- Yawman, Harvey H., assignor to Union Steel Chest Corporation, Le Roy, N. Y. Chest, box, or container. 2,042,693; June 2.
- Yaxley Manufacturing Company. (See Hall, Arthur, assignor.)
- Yeadon, Robert. (See Hale, F. C., and Yeadon.)
- Yeadon, Robert, Spondon, near Derby, England, assignor to Celanese Corporation of America. Circular loom. 2,027,459; Jan. 14.
- Yeager, Anton J., assignor to Prentiss-Wabers Products Co., Wisconsin Rapids, Wis. Vapor stove construction. 2,028,372; Jan. 21.
- Yeager, Anton J., assignor to Prentiss-Wabers Products Co., Wisconsin Rapids, Wis. Vapor stove construction. 2,048,207; July 21.
- Yeager, Anton J., assignor to Prentiss Wabers Products Co., Wisconsin Rapids, Wis. Stove construction. 2,062,855; Dec. 1.
- Yeager, Ervin, Farmington, Mich. Heel. 2,064,711; Dec. 15.
- Yeager, Frank W., Cliffside Park, N. J., assignor The Barrett Company, New York, N. Y. Tile-like element. 2,037,297; Apr. 14.
- Yeager, Frank W., Grantwood, N. J., assignor to The Barrett Company, New York, N. Y. Method and apparatus for determining flowability of coating materials. 2,038,622; Apr. 28.
- Yeager, Frank W., Grantwood, N. J., assignor to The Barrett Company, New York, N. Y. Process and apparatus for applying shields to pipes. 2,044,456; June 16.
- Yeager, Henry M., Williamsville, N. Y. Combination wire and band cutter, bender, and perforator. 2,053,309; Sept. 8.
- Yeager, Henry M., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Oil cooling system. 2,054,403; Sept. 15.
- Yeager, Roy V., Evanston, Ill. Building construction. 2,033,751; Mar. 10.
- Yeck, Ernest E., et al. (See Ramsay, Horace E., assignor.)
- Yedd, Guy A., assignor of one-half to J. R. Pusey, Oakland, Calif. Suction nozzle. 2,028,580; Jan. 21.
- Yegen, Laura B., Billings, Mont. Lever lock for fuel tank closures on automobiles. 2,064,238; Dec. 15.
- Yeider, Harry A., assignor to Automatic Musical Instrument Company, Grand Rapids, Mich. Record holder for graphophones. 2,063,573; Dec. 8.
- Yeider, Harry A., assignor to Automatic Musical Instrument Company, Grand Rapids, Mich. Graphophone or sound-reproducing instrument. 2,064,868; Dec. 22.
- Yeip, Frank J. (See Venning, F. J., and Yeip.)
- Yelman, Albert, New York, N. Y. Trunk. 2,056,701; Oct. 6.
- Yenne, Allen W., assignor of one-half to Z. H. North, Wooster, Ohio. Paint brush keeper. 2,043,643; June 9.
- Yensen, Trygve D., Forest Hills, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Treating magnetic material. 2,050,408; Aug. 11.
- Yeoman, William F. (See Connolly, W. F., and Yeoman.)
- Yeomans Brothers Company. (See Yeomans, Charles, assignor.)
- Yeomans, Charles, assignor to Yeomans Brothers Company, Chicago, Ill. Automatic controlling switch mechanism. 2,040,892; May 19.
- Yeomans, Lucien I., Chicago, Ill. Container. 2,027,137; Jan. 7.
- Yeomans, Lucien I., assignor to Lucien I. Yeomans, Incorporated, Chicago, Ill. Ice cube chipper. 2,061,265; Nov. 17.
- Yeomans, Lucien I., Incorporated. (See Yeomans, Lucien I., assignor.)
- Yerger, Paul A. (See Seipel, H. C., and Yerger.)
- Yerges, Howard F., assignor to Columbus Metal Products Inc., Columbus, Ohio. Coal burning stoker. 2,051,282; Aug. 18.
- Yerk, Henry H., and W. S. Palmer, Davenport, assignors, by mesne assignments, to The Micro Corporation, Bettendorf, Iowa. Slicing machine. 2,044,826; June 23.
- Yerk, Henry H., Davenport, assignor, by mesne assignments, to Micro-Westco Inc., Bettendorf, Iowa. Bread slicing machine. 2,056,552; Oct. 6.
- Yerkes, Gabrielle M. P., Hartsdale, assignor to G. M. Pois, Inc., New York, N. Y. Brassière. 2,048,531; July 21.



- Yerkes, John A., Beverly Hills, Calif. Game apparatus. 2,046,595; July 7.
- Yett, Porter W., assignor of one-half to H. P. Paris, Portland, Oreg. Self-tilting concrete mixer. 2,063,574; Dec. 8.
- Yewell, Paul R., Los Angeles, Calif. Separating minerals from ores. 2,029,090; Jan. 28.
- Yingling, Frank B., assignor to C. J. Fitton, Hamilton, Ohio. Supercharger system. 2,045,816; June 30.
- Yingling, Frank B., assignor to C. J. Fitton, Hamilton, Ohio. Hydraulic coupling. 2,050,550; Aug. 11.
- Yirava, Charles R., Cleveland, Ohio. Rotary pump. 2,033,218; Mar. 10.
- Yngve, Victor, Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Electrolyte for electrolytic condensers. 2,036,669; Apr. 7.
- Yocum, Charles F. (See Van Voorhis, W. G., and Yocum.)
- Yocum, Lincoln A., Wooster, Ohio. Purifying and aging spirituous liquors. 2,064,330; Dec. 15.
- Yoder, Carl M., Lakewood, Ohio. Machine for finishing cylindrical bodies or pipes. 2,033,967; Mar. 17.
- Yoder, Howard D., assignor to Penberthy Injector Company, Detroit, Mich. Water heater. 2,055,211; Sept. 22.
- Yoder, Howard D., assignor to Penberthy Injector Company, Detroit, Mich. Heat control system. 2,061,605; Nov. 24.
- Yoder, Raymond S. (See Lear, W. P., Nulsen, and Yoder.)
- Yoder, Raymond S. (See Wood, R. E., and Yoder.)
- Yoe, Alphas O., Talladega, Ala. Ophthalmic mounting. 2,045,508; June 23.
- Yoerg, Alfred F. (See Schlesinger, Harry, assignor.)
- Yohé, Lester N., Gettysburg, Pa. Plant receptacle. 2,058,934; Oct. 27.
- Yohn, Ira D., Los Angeles, Calif. Semiautomatic self-feed and self-coiling snake tool. 2,037,103; Apr. 14.
- Yohn, Ira D., Los Angeles, Calif. Plumber's snake tool. 2,037,104; Apr. 14.
- Yolles, Jacob, Brooklyn, N. Y., assignor to Radio Corporation of America. Image suppression arrangement. 2,027,949; Jan. 14.
- Yolles, Jacob, Brooklyn, N. Y., assignor to Radio Corporation of America. Automatic control circuits. 2,039,618; May 5.
- Yolles, Jacob, Brooklyn, N. Y., assignor to Radio Corporation of America. Reflex superheterodyne receiver. 2,055,992; Sept. 29.
- Yolles, Jacob, Brooklyn, N. Y., assignor to Radio Corporation of America. Short wave tuner. 2,059,299; Nov. 3.
- York, Albert F., Washington, D. C., assignor to S. Sternau & Co., Inc., New York, N. Y. Solidified composition. 2,046,101; June 30.
- York, Arthur E., Chicago, Ill. Electric welding tool. 2,057,320; Oct. 13.
- York Ice Machinery Corporation. (See Aldinger, Jacob G., assignor.)
- York Ice Machinery Corporation. (See Cushman, John K., assignor.)
- York Ice Machinery Corporation. (See Light, Albert T., assignor.)
- York Ice Machinery Corporation. (See Ruff, Alonzo W., assignor.)
- York, Olin L. (See Suttentfield, W. H., York, and Howard.)
- Yorke, George M., New York, and R. F. Dirkes, Jamaica, assignors to The Western Union Telegraph Company, New York, N. Y. Tape feed for printed strips. 2,048,311; July 21.
- Yorke, Norman A. (See Parker, H. W., and Yorke.)
- Yost, Clyde E. (See Geske, C., and Yost.)
- Yost, Frank A., Hopkinsville, Ky. Pastry cooker. 2,031,995; Feb. 25.
- Yost, Ray. (See Hutchinson, Richard J., assignor.)
- Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Natural gas conversion process. 2,027,460; Jan. 14.
- Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Distillation process. 2,034,789; Mar. 24.
- Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Process and apparatus for conversion of hydrocarbon liquids and gases. 2,035,036; Mar. 24.
- Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Process and apparatus for converting hydrocarbon gases and liquids. 2,035,037; Mar. 24.
- Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Process and apparatus for manufacturing motor fuels. 2,035,209; Mar. 24.
- Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Combined stabilizing and gas conversion. 2,040,455; May 12.
- Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Process and apparatus for removing hydrogen sulphide from liquids. 2,048,241; July 21.
- Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Process and apparatus for treating hydrocarbon fluids. 2,051,325; Aug. 18.
- Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Return bend assembly. 2,056,640; Oct. 6.
- Youker, Mortimer A. (See Daubt, H. W., and Youker.)
- Youker, Mortimer A. (See Holt, L. C., Youker, and Laird.)
- Youmans, Frank J. (See Eller, J. and L., and Youmans.)
- Young Accumulator Company (1929) Limited, The. (See DeMartis, H., and Clark, assignors.)
- Young, Albert N., Belle Vernon, assignor to American Window Glass Company, Pittsburgh, Pa. Apparatus for cutting glass sheets. 2,045,745; June 30.
- Young, Bessie I. C., Pasadena, Calif. Brush. 2,054,233; Sept. 15.
- Young, Cecil R., Aberdeen, S. Dak. Electric door opener. 2,053,172; Sept. 1.
- Young, Charles A., Springfield, Ohio. Gun. 2,027,950; Jan. 14.
- Young, Charles D., Haverford, assignor to Kellett Autogiro Corporation, Philadelphia, Pa. Streamer adapted for towing by aircraft. 2,035,038; Mar. 24.
- Young, Clayton E., Benton Harbor, Mich. Drill-grinding mechanism. 2,065,847; Dec. 29.
- Young, Cyril C., Topeka, Kans. Heat transfer apparatus. 2,043,644; June 9.
- Young, Daniel J., assignor to Young-Whitwell Gas Process Company, Tacoma, Wash. Apparatus for the manufacture of combustible gas. 2,055,190; Sept. 22.
- Young, Douglas, Inc. (See Young, Lewis D., assignor.)
- Young, Earl E., assignor to The Toledo Porcelain Enamel Products Company, Toledo, Ohio. Making photographic stencil screens. 2,030,731; Feb. 11.
- Young, Eddilaw. (See Alvear, Victor, assignor.)
- Young, Emil O., Cleveland, Ohio. Cap and lock device for tanks. 2,027,803; Jan. 14.
- Young, Emil W., Brooklyn, N. Y. Thread cleaner and thread cleaner blade. 2,034,853; Mar. 24.
- Young, Fletcher M., Berkeley, assignor of one-half to M. C. Casserly, San Mateo, Calif. Gyroscopic position finder. 2,046,890; July 7.
- Young, Fletcher M., Berkeley, assignor of one-half to Michael C. Casserly, San Mateo, Calif. Gyroscopic position finder. 2,048,834; July 28.
- Young, Forrest J., Los Angeles, Calif., assignor, by mesne assignments, to The National Superior Company, Toledo, Ohio. Elevator yoke. 2,043,460; June 9.
- Young, Forrest J., Los Angeles, Calif., assignor, by mesne assignments, to The National Superior Company, Toledo, Ohio. Slip elevator. 2,048,209; July 21.
- Young, Forrest J., Los Angeles, S. W. Long, Redondo Beach, and J. S. Morgan, Jr., Inglewood, Calif., assignors, by mesne assignments, to The National Superior Company, Toledo, Ohio. Door type slip elevator. 2,030,087; Feb. 11.
- Young, Forrest J., Los Angeles, D. W. Walters, West Los Angeles, and E. Timbs, Los Angeles, Calif., assignors, by mesne assignments, to The National Superior Company, Toledo, Ohio. Door type slip elevator. 2,048,208; July 21.
- Young, Frank W., Upper Montclair, N. J. Rotary drum filter. 2,952,156; Aug. 25.
- Young, Franklin, Glendale, and R. F. Hardin, Los Angeles, Calif. Supercharging system for aircraft. 2,063,477; Dec. 8.
- Young, Fred M., Racine, Wis. Heat exchanger. 2,044,457; June 16.
- Young, Fred M., Racine, assignor to Young Radiator Company, Racine, Wis. Radiator. 2,037,845; Apr. 21.
- Young, Fred M., assignor to Young Radiator Company, Racine, Wis. Air circulating and conditioning device. 2,040,118; May 12.
- Young, Fred M., assignor to Young Radiator Company, Racine, Wis. Automobile heater. 2,048,910; July 28.
- Young, Fred M., assignor to Young Radiator Company, Racine, Wis. Unit air conditioner. 2,055,056; Sept. 22.
- Young, Fred M., assignor to Young Radiator Company, Racine, Wis. Radiator. 2,058,935; Oct. 27.
- Young, Fred M., and L. M., assignors to Young Radiator Company, Racine, Wis. Wall grille. 2,051,929; Aug. 25.
- Young, Fred M., and E. Witzel, assignors to Young Radiator Company, Racine, Wis. Electric heating unit. 2,051,930; Aug. 25.
- Young, Fred W. (See Ahlmark, R. B., and Young.)
- Young, Frederick W. (See Gargan, J. O., and Young.)
- Young, George A. (See Merrill, E. N., and Young.)
- Young, Henry S. (See Allen, E. M., and Young.)
- Young, Henry S. (See McCann, R. A., and Young.)
- Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track switch controlling apparatus. 2,026,810; Jan. 7.
- Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,027,216; Jan. 7.
- Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,052,334; Aug. 25.
- Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,063,215; Dec. 8.
- Young, Henry S., Wilkinsburg, and E. M. Allen, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,063,971; Dec. 15.
- Young, Herbert, et al. (See Brewer, John G., assignor.)
- Young, Howard F., deceased, Kalamazoo, Mich., L. S. Young, administratrix, assignor of one-half to Leonie S. Young, Kalamazoo, Mich. Machine for making reenforced concrete beams. 2,039,204; Apr. 28.



- Young, Howard J., River Forest, assignor to The Powers Regulator Company, Chicago, Ill. Louver damper. 2,040,893; May 19.
- Young, Howard S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of alkyl sulphates from liquid olefines. 2,047,606; July 14.
- Young, Hugh E., Chicago, Ill. Circuit breaker apparatus. 2,043,822; June 9.
- Young, James H., Pittsburgh, and G. E. Black, Sewickley, assignors to H. H. Robertson Company, Pittsburgh, Pa. Method of and apparatus for reducing cellular metal building units. 2,065,546; Dec. 29.
- Young, John, Toledo, Ohio. Joint construction and producing same. 2,053,808; Sept. 8.
- Young, John L., Pittsburgh, Pa., assignor to National Radiator Corporation. Anode. 2,043,823; June 9.
- Young, John L., Chicago, Ill. Toothpick dispenser. 2,044,829; June 23.
- Young, John L., Pittsburgh, assignor, by mesne assignments, to National Radiator Corporation. Making patterns. 2,056,415; Oct. 6.
- Young, John M., Brooklyn, N. Y., assignor to American Can Company, New York, N. Y. Canning. 2,026,601; Jan. 7.
- Young, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Apparatus for canning. 2,026,602; Jan. 7.
- Young, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Making container closures. 2,037,747; Apr. 21.
- Young, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,039,374; May 5.
- Young, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Oil dispenser. 2,047,242; July 14.
- Young, John M., assignor to R. R. Young, Brooklyn, N. Y. Bottle breaking device. 2,048,478; July 21.
- Young, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Method of and apparatus for gassing and sealing products in cans. 2,054,492; Sept. 15.
- Young, Karl E., Houston, Tex. Well apparatus. 2,044,657; June 16.
- Young, L. A., Company. (See Oldham, John M., assignor.)
- Young, L. A., Spring and Wire Corporation. (See Clark, William A., assignor.)
- Young, Lawrence G. (See Cushman, R. A., and Young.)
- Young, Leo C. (See Taylor, A. H., and Young.)
- Young, Leon M. (See Young, Fred M. and L. M.)
- Young, Leona E., assignor of one-fourth to W. H. Rees, Berkeley, Calif. Controlling dewpoint. 2,033,665; Mar. 10.
- Young, Leonard A., Detroit, Mich. Shaft for golf clubs. 2,040,540; May 12.
- Young, Leonard A., Detroit, Mich. Golf ball. 2,055,326; Sept. 22.
- Young, Leonard A., Detroit, Mich. Garment hanger. 2,061,266; Nov. 17.
- Young, Leonard P., New York, N. Y. Electric appliance. 2,060,918; Nov. 17.
- Young, Leonie S., administratrix. (See Young, Howard F.)
- Young, Lewis D., Providence, R. I., assignor to Douglas Young, Inc. Box. 2,052,157; Aug. 25.
- Young, Lloyd L., Rocky Point, N. Y., assignor to Radio Corporation of America. Transformer breather. 2,034,736; Mar. 24.
- Young, Louis H. (See Knobel, M., and Young.)
- Young, Luther A., Greeley, Colo. Dental handpiece. 2,035,934; Mar. 31.
- Young, Marvin S., Scarsdale, N. Y. Combination inflow controlling and fluid discharge means. 2,041,735; May 26.
- Young, Marvin S., Scarsdale, assignor to The Gas and Oil Lock Corporation, New York, N. Y. Combination inflow control and fluid discharge means. 2,064,967; Dec. 22.
- Young, Maude M., Portland, Oreg. Pie pan. 2,030,344; Feb. 11.
- Young, Norris W., Mecca, Calif. Sectional pipe for use in conveying abrasive materials. 2,057,869; Oct. 20.
- Young, Otis W., Winchendon, Mass. Steam locomotive engine. 2,060,479; Nov. 10.
- Young, Perry, Prescott, Ark. Broom. 2,064,712; Dec. 15.
- Young, Philip E., Fairhaven, Mass., assignor to Acushnet Process Company. Hot water bottle and the like. 2,036,845; Apr. 7.
- Young, Philip E., Fairhaven, Mass., assignor to Acushnet Process Company. Nipple for nursing bottles. 2,041,670; May 19.
- Young, Philip E., Fairhaven, Mass., assignor to Acushnet Process Company. Apparatus for testing golf balls. 2,058,201; Oct. 20.
- Young, Philip L. (See Winning, C., and Young.)
- Young Radiator Company. (See Witzel, Ernst, assignor.)
- Young Radiator Company. (See Young, Fred M., assignor.)
- Young Radiator Company. (See Young, F. M. and L. M., assignors.)
- Young Radiator Company. (See Young, F. M., and Witzel, assignors.)
- Young, Raymond E., assignor, by mesne assignments, to Whiting Corporation, Harvey, Ill. Control for heating systems. 2,055,641; Sept. 29.
- Young, Rebecca R. (See Young, John M., assignor.)
- Young, Robert D., San Francisco, Calif. Engine. 2,063,970; Dec. 15.
- Young, Ruth, Enid, Okla. Sign. 2,029,750; Feb. 4.
- Young, Sterling A., Pana, Ill. Toy car. 2,049,345; July 28.
- Young-Whitwell Gas Process Company. (See Young, Daniel J., assignor.)
- Young, William A., Astoria, N. Y. Grommet. 2,030,088; Feb. 11.
- Young, William G. (See Hansen, M., and Pollon, assignors.)
- Young, William G., and M. Hansen, Los Angeles, and J. F. Pollon, Glendale, Calif. Egg breaking and separating machine. 2,031,294; Feb. 18.
- Young, William M., Harrisburg, Pa. Electric fan. 2,027,662; Jan. 14.
- Youngblood, Henry J., Highland Park, Mich. Bottle opener, capper, and dispenser. 2,046,804; July 7.
- Youngblood, Sydney R. (See Andree, J. O., and Youngblood.)
- Youngdahl, Francis E., Brooklyn, N. Y., assignor, by mesne assignment, to The Lakewest Corporation. Timing and safety device for bottle conveyers. 2,026,856; Jan. 7.
- Younger, Joshua M., assignor to J. M. Thorp, Alameda, Calif. Dehydrator. 2,050,597; Aug. 11.
- Youngstown Pressed Steel Company, The. (See Stanitz, Jacques, assignor.)
- Youngstown Sheet and Tube Company, The. (See Adams, James L., Jr., assignor.)
- Youngstown Sheet and Tube Company, The. (See Eurich, R. H., and Anthony, assignors.)
- Youngstown Sheet and Tube Company, The. (See Eurich, R. H., and Aubrey, assignors.)
- Youngstown Sheet & Tube Company, The. (See Firth, Cyril, assignor.)
- Youngstown Sheet & Tube Company, The. (See Stubblefield, B. M., Thomas, and Harrar, assignors.)
- Youngstown Steel Door Company, The. (See Beauchamp, Wilfred A., assignor.)
- Youngstown Steel Door Company, The. (See Beauchamp, W. A., and Treptow, assignors.)
- Youngstown Steel Door Company, The. (See Lindeman, James E., assignor.)
- Youngstown Steel Door Company, The. (See Lute, Carl, assignor.)
- Youngstown Steel Door Company, The. (See Kwake, Joseph A., assignor.)
- Youngstown Steel Door Company, The. (See Madland, Gabriel, assignor.)
- Youngstown Steel Door Company, The. (See Madland, Thorvald, assignor.)
- Youngstown Steel Door Company. (See Reese, Samuel, assignor.)
- Youngstown Steel Door Company, The. (See Tobin, Kenneth J., assignor.)
- Youngstown Steel Door Company, The. (See Tobin, K. J., and Madland, assignors.)
- Youngstown Steel Door Company, The. (See Treptow, George R., assignor.)
- Youngstown Steel Door Company, The. (See Vegren, Conrad R., assignor.)
- Youngstown Steel Door Company, The. (See Vegren, C. R., Beauchamp, and Madland, assignors.)
- Youngstown Steel Door Company, The. (See Wegener, Albert B., assignor.)
- Youngstown Steel Door Company, The. (See Williamson, Clarence H., assignor.)
- Youngstown Welding & Engineering Co., The. (See MacFarland, Allis M., assignor.)
- Younie, Lewis E., assignor to Electric Steel Foundry Company, Portland, Oreg. Excavating dipper. 2,034,854; Mar. 24.
- Younie, Lewis E., assignor to Electric Steel Foundry Company, Portland, Oreg. Latch bar hammer for dipper buckets. 2,049,885; Aug. 4.
- Younie, Lewis E., assignor to Electric Steel Foundry Company, Portland, Oreg. Connecting link for chains. 2,052,066; Aug. 25.
- Yount, Willis H. (See Norelius, E. F., and Yount.)
- Yourkevitch, Vladimir, Paris, France. Ship's form. 2,047,451; July 14.
- Youtz, Merrill A., Hammond, Ind., assignor to Standard Oil Company (Indiana), Chicago, Ill. Nonflammable cleaning solvent. 2,031,144; Feb. 18.
- Youtz, Merrill A., Green Bay, Wis., assignor to Standard Oil Company, Chicago, Ill. Nonflammable cleaning solvent. 2,031,145; Feb. 18.
- Youtz, Merrill A., assignor to Northern Paper Mills, Green Bay, Wis. Absorbent paper product and producing the same. 2,032,645; Mar. 3.
- Yow, William P., Winston-Salem, N. C. Extension table. 2,029,280; Jan. 28.
- Yowell, O. P., Service Company. (See Smith, Robert S., assignor.)
- Yowell, O. P., Service Co. (See Yarbrough, Harold C., assignor.)
- Yowell, O. P., Service Company. (See Yowell, Olney P., assignor.)
- Yowell, Olney P., Whittier, Calif., assignor to O. P. Yowell Service Company. Method and apparatus for shutting-off water intrusion through perforated casing. 2,054,353; Sept. 15.
- Yoxall, Joseph, Deganwy, North Wales. Hydraulic coupling or braking device. 2,032,966; Mar. 3.



- Yoxall, Joseph, Deganwy, North Wales, assignor to Propello Inventions Limited, Chelsea, London, England. Pump. 2,055,396; Sept. 22.
- Ysskin, Herman, Newark, N. J. Starting device. 2,058,754; Oct. 27.
- Yungblut, Gibson, assignor to The Baldwin Company, Cincinnati, Ohio. Musical instrument. 2,045,172; June 23.
- Yunik, Edward S., Chicago, Ill., assignor to The Barrett Company, New York, N. Y. Making a beaded edge shingle. 2,054,917; Sept. 22.
- Yunker, John O., Wauwatosa, and A. Kahn, Milwaukee, Wis. Shoe soling appliance. 2,051,236; Aug. 18.
- Yunker, William E., Springfield, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Vehicle. 2,035,416; Mar. 24.
- Z-Flex Piston Ring Corporation, The. (See Zahodiakin, Victor F., assignor.)
- Z Processes Inc. (See Zarotschenzeff, Mihail T., assignor.)
- Zabel, Max, Dessau-in-Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Treating cellulose esters. 2,033,219; Mar. 10.
- Zabel, William J., Warren, and J. Lucas, Niles, Ohio; said Lucas assignor to said Zabel. Glazing strip. 2,056,880; Oct. 6.
- Zabriskie, Charles C., Detroit, Mich. Making windshield wipers. 2,036,787; Apr. 7.
- Zabriskie, William F., Detroit, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Motor vehicle chassis frame. 2,065,005; Dec. 22.
- Zachar, Aranka. (See Sobota, Andrew, assignor.)
- Zachari, Zacharia. (See Ramstead, Charles, assignor.)
- Zachlin, Anthony C. (See Dunzweiler, C. J., and Zachlin.)
- Zachman, William H., Woodhaven, assignor to United-Carr Company, Inc., Brooklyn, N. Y. Bag frame fastener. 2,048,532; July 21.
- Zachry, Walter H., Atlanta, Ga. Broom and making same. 2,030,954; Feb. 18.
- Zachs, William. (See Aronson, Meyer L., assignor.)
- Zack, Samuel I., Detroit, Mich., assignor to Filtration Equipment Corporation, New York, N. Y. Apparatus for and method of treating sewage. 2,056,062; Sept. 29.
- Zadig, Ernest A., assignor to Radio Corporation of America, New York, N. Y. Tuning mechanism for radio receiving apparatus. 2,038,257; Apr. 21.
- Zadig, Ernest A., assignor to Radio Corporation of America, New York, N. Y. Noise suppressor for radio receivers. 2,038,332; Apr. 21.
- Zafuta, Carl, Arma, Kans. Bottle filling equipment. 2,028,097; Jan. 14.
- Zafuta, Carl, Arma, assignor of one-half to J. Dobranc, Franklin, Kans. Beverage dispensing device. 2,028,098; Jan. 14.
- Zahl, Harold A., Long Branch, N. J. Altimeter for aircraft. 2,042,490; June 2.
- Zahm & Flora, Inc. (See Flora, Samuel R., assignor.)
- Zahm, Joseph D., and J. U. Lehn, assignor to Animal Trap Company of America, Lititz, Pa. Trap. 2,031,520; Feb. 18.
- Zahn, Harold E. (See Zahn, Otto E., assignor.)
- Zahn, Karl, and H. Koch, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Acid dyestuffs of the anthraquinone series. 2,033,316; Mar. 10.
- Zahn, Karl, and Heinrich Koch, Frankfurt-on-the-Main, and K. Weinand, Leverkusen-I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Preparing acid wool dyestuffs of the anthraquinone series and the dyestuffs thus obtainable. 2,042,757; June 2.
- Zahn, Karl, K. Schimmelschmidt, and H. Koch, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water insoluble azo dyestuffs and fiber dyed therewith. 2,061,126; Nov. 17.
- Zahn, Otto E., assignor to H. E. Zahn, West Bend, Wis. Key case. 2,051,432; Aug. 18.
- Zahn, Rudolf. (See Schmidt, M. P., and Zahn.)
- Zahner, Ernest, East Peoria, Ill. Mechanical blaster. 2,032,899; Mar. 3.
- Zahner, Ernest, East Peoria, Ill. Mechanical blaster. 2,034,076; Mar. 17.
- Zahnradfabrik Friedrichshafen Aktiengesellschaft. (See Maier, Albert, assignor.)
- Zahodiakin, Victor F., New York, N. Y. Valve actuating mechanism. 2,030,345; Feb. 11.
- Zahodiakin, Victor F., New York, N. Y. Indicating device for engine cooling systems. 2,037,748; Apr. 21.
- Zahodiakin, Victor F., Cincinnati, Ohio. Internal combustion engine valve. 2,041,160; May 19.
- Zahodiakin, Victor F., Cincinnati, Ohio. Internal combustion engine. 2,041,314; May 19.
- Zahodiakin, Victor F., Cincinnati, Ohio. Electrolytic condenser. 2,047,452; July 14.
- Zahodiakin, Victor F., Cincinnati, Ohio. Internal combustion engine. 2,049,186; July 28.
- Zahodiakin, Victor F., Cincinnati, Ohio, assignor to The Z-Flex Piston Ring Corporation, New York, N. Y. Internal combustion engine valve. 2,032,162; Feb. 25.
- Zahodiakin, Victor F., Cincinnati, Ohio, assignor to The Z-Flex Piston Ring Corporation. Piston ring. 2,044,272; June 16.
- Zahodiakin, Victor F., Cincinnati, Ohio, assignor to The Z-Flex Piston Ring Corporation. Piston ring. 2,044,273; June 16.
- Zahodiakin, Victor F., Cincinnati, Ohio, assignor to The Z-Flex Piston Ring Corporation. Piston ring. 2,044,274; June 16.
- Zaiger, Louis, Lynn, Mass. Suction cup. 2,028,640; Jan. 21.
- Zaiger, Louis, Lynn, Mass. Suction cup. 2,047,658; July 14.
- Zaiger, Louis, Lynn, Mass. Windshield wiper blade. 2,051,668; Aug. 18.
- Zaiger, Max, Lynn, Mass. Suction cup. 2,055,397; Sept. 22.
- Zak, Joseph T., Fort Benning, Ga. Range finding, horizontal angle measuring, and angle of site instrument. 2,048,722; July 28.
- Zak, Richard F., Westfield, Mass. Door service indicator. 2,029,209; Jan. 28.
- Zancan, Ottavio, New York, N. Y. Clutch. 2,050,910; Aug. 11.
- Zand, Stephen J., Forest Hills, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Vibration recording instrument. 2,038,021; Apr. 21.
- Zand, Stephen J., Forest Hills, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Installing sound absorbing material. 2,054,531; Sept. 15.
- Zander, Ernst, deceased, late of Bornim, Bez. Potsdam, Germany, by M. Zander, geb. Kloas, administratrix, Bornim, Bez. Potsdam, Germany, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Resilient wagon wheel. 2,037,871; Apr. 21.
- Zander, Marta, geb. Kloas, administratrix. (See Zander, Ernst.)
- Zange, Ernest T., assignor of thirty-five per cent to A. D. Butler, Pittsburgh, Pa. Electric revolving sign. 2,034,600; Mar. 17.
- Zanoski, Leon, Coral Rapids, Ontario, Canada. Windmill. 2,038,467; Apr. 21.
- Zap Development Corporation. (See Zaparka, Edward F., assignor.)
- Zaparka, Edward F., New York, N. Y., assignor to Zap Development Corporation, Wilmington, N. C. Aircraft. 2,039,676; May 5.
- Zaparka, Edward F., assignor to Federal Spring Company, Coraopolis, Pa. Resilient suspension. 2,049,555; Aug. 4.
- Zaparka, Edward F., Baltimore, Md., assignor to Federal Spring Company, Coraopolis, Pa. Resilient connection. 2,063,216; Dec. 8.
- Zapf, Louis. (See Nelson, R. F., and Zapf.)
- Zapf, Georg. (See Kroll, W., and Zapf.)
- Zapiain, Ricardo L. (See de Tagle, J. L. S., and Zapiain.)
- Zarafu, Herman, West New York, N. J. Apparatus for applying windings to filaments. 2,053,411; Sept. 8.
- Zaremba, Edward, East Aurora, N. Y. Apparatus for shifting loose material. 2,047,659; July 14.
- Zarotschenzeff, Mihail T., New York, N. Y., assignor, by mesne assignments, to Z Processes Inc., Jersey City, N. J. Chilling animal carcasses. 2,065,358; Dec. 22.
- Zarse, Robert A., West Allis, Wis. Etching process. 2,026,603; Jan. 7.
- Zartman, Walter H. (See Henke, C. O., and Zartman.)
- Zatterberg, Thure. (See Hauffman, A. W., and Zetterberg.)
- Zaugg, Arthur. (See Jennings, H. G., Lerpée, and Zaugg.)
- Zavatkay, Frederick F., Winsted, assignor of one-half to The H. P. Cook Company, Bridgeport, Conn. Railroad switch heater. 2,048,533; July 21.
- Zavertnik, Joseph, Jr. (See MacCubbin, A. A., and Zavertnik, assignors.)
- Zawistowski, Martin, Huntington, N. Y. Cloth cutting machine. 2,031,626; Feb. 25.
- Zeher, Gustav. (See Oosterhuis, E., and Zeher.)
- Zeher, Gustav, Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company. Electric arc discharge tube. 2,030,420; Feb. 11.
- Zeher, Gustav, Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company. Electric discharge tube. 2,056,641; Oct. 6.
- Zeher, Gustav, Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge device. 2,056,642; Oct. 6.
- Zeher, Gustav, Eindhoven, Netherlands, assignor to General Electric Company. Circuit arrangement for gas-filled discharge tubes. 2,056,643; Oct. 6.
- Zechmeister, Stephen, Budapest, Hungary. Testing machine for tensile tests. 2,065,359; Dec. 22.
- Zeder, James C., assignor to Chrysler Corporation, Detroit, Mich. Combination fan and vibration damper. 2,041,507; May 19.
- Zegers, Alberto, assignor to Comunidad "Propulsor Chile", Santiago, Chile. Propulsion system. 2,041,103; May 19.
- Zeh, Ludwig. (See Bauer, W., Bollweg, and Zeh.)
- Zeh, Ludwig. (See Bauer, W., Zeh, and Bollweg.)
- Zeh, Ludwig. (See Lecher, H., Bauer, Zeh, and Bollweg.)
- Zeh, Ludwig, Leverkusen-Wiesdorf, and E. Konrad, Leverkusen-I. G. Werk, Germany, assignors to Durand & Huguenin Aktiengesellschaft, Basel, Switzerland. Stable preparations. 2,041,220; May 19.
- Zeh, Martin. (See Lichte, H., Zeh, Glass, and Schwarz.)
- Zeh, Martin, Friedenau, assignor to Allgemeine Elektrizitätsgesellschaft, Berlin, Germany. Indicating device for radio apparatus. 2,034,500; Mar. 17.
- Zeh, Walter. (See Dieterle, W., and Zeh.)



- Zeh, Walter, Dessau in Anhalt, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Sensitizing of photographic emulsions. 2,065,412; Dec. 22.
- Zeh, Walter, and W. Schneider, Dessau in Anhalt, Germany, assignors to Agfa Anso Corporation, Binghamton, N. Y. Sensitizing of photographic emulsions. 2,065,411; Dec. 22.
- Zehender, Valentine, and C. Latour, New Orleans, La. Roll scraping tool. 2,033,801; Mar. 10.
- Zehl, Franz H. (See von Littrow, Hans, and Zehl.)
- Zeiger, Joseph L., Worcester, Mass. Make-up rule and gauge. 2,048,090; July 21.
- Zeigler, Maxwell T., assignor, by mesne assignments, to Zeigler Packaged Ice Machinery Corporation, Huntington Park, Calif. Ice wrapping machine. 2,027,010; Jan. 7.
- Zeigler Packaged Ice Machinery Corporation. (See Zeigler, Maxwell T., assignor.)
- Zeigler, William L., Wallace, Idaho. Mineral separator. 2,064,398; Dec. 15.
- Zelmet, Peter J., Chicago, Ill., assignor, by mesne assignments, to National Radiants & Refractories Corporation. Broiler burner. 2,052,067; Aug. 25.
- Zeininger, Gustav, Oberesslingen, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Electric horn. 2,048,984; July 28.
- Zeiss, Carl. (See Bertele, Ludwig, assignor.)
- Zeiss, Carl. (See Mechau, Robert, assignor.)
- Zeiss, Firm, Carl. (See Büchele, C. and Prinz, assignors.)
- Zeiss, Firm, Carl. (See Calsow, Georg, assignor.)
- Zeiss, Firm, Carl. (See Eppenstein, Otto, assignor.)
- Zeiss, Firm, Carl. (See Hauser, Friedrich, assignor.)
- Zeiss, Firm, Carl. (See Merté, Willy, assignor.)
- Zeiss, Firm, Carl. (See Printz, Carl, assignor.)
- Zeiss, Firm, Carl. (See Richter, Robert, assignor.)
- Zeiss, Firm, Carl. (See Sonnefeld, August, assignor.)
- Zeiss, Firm, Carl. (See Tschermak-Seysenegg, Armin, assignor.)
- Zeiss Ikon Aktiengesellschaft Dresden. (See Küppenbender, Heinz, assignor.)
- Zeiss Ikon Aktiengesellschaft Dresden. (See Küppenbender, H., and Nowicki, assignors.)
- Zeiss Ikon Aktiengesellschaft. (See Kuppenbender, Heinz, assignor.)
- Zeiss Ikon Aktiengesellschaft Dresden. (See Küppenbender, Heinz, assignor.)
- Zeiss, Walter, Berlin-Charlottenburg, Germany. Producing metal powders. 2,037,672; Apr. 14.
- Zeldis, Louis B., Philadelphia, Pa. Constructing double curtains of trousers. 2,044,236; June 16.
- Zelesnick, William A., Philadelphia, Pa. Dental construction. 2,031,996; Feb. 25.
- Zell, David H., Brooklyn, N. Y. Latching device. 2,050,078; Aug. 4.
- Zell, David H., Brooklyn, N. Y. Cigarette case. 2,050,079; Aug. 4.
- Zell, Robert. (See Nawiasky, P., Stein, Berthold, and Zell.)
- Zell, Robert. (See Nawiasky, P., Stein, and Zell, assignors.)
- Zell, Robert. (See Nawiasky, P., Zell, and Kuehne.)
- Zeller, Ludwig, Thiensville, Wis. Threading device. 2,046,991; July 7.
- Zeller, Martin, Assignor to Robert Röchling, Munich, Germany. Production of a photographic exposure material for color screen pictures. 2,061,182; Nov. 17.
- Zellers, Edgar G., Reading, Pa. Insoluble pill or tablet for internal medicinal uses. 2,052,376; Aug. 25.
- Zellhoefer, Glenn F., Bloomington, Ill. Refrigerant mixture. 2,031,087; Feb. 18.
- Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigeration. 2,040,894; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigeration. 2,040,895; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigeration. 2,040,896; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigeration. 2,040,897; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigeration. 2,040,898; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigeration. 2,040,899; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigeration. 2,040,900; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigeration. 2,040,901; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigeration. 2,040,902; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigeration. 2,040,903; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigeration. 2,040,904; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Solvent material for absorption refrigerating machines. 2,040,905; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigeration. 2,040,906; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigeration. 2,040,907; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigeration. 2,040,908; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigeration. 2,040,909; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigeration. 2,040,910; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigeration. 2,040,911; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigeration. 2,040,912; May 19.
- Zellhoefer, Glenn F., Bloomington, Ill. Cooling unit. 2,042,694; June 2.
- Zellhoefer, Glenn F., Bloomington, Ill. Electrically operated and controlled refrigerating apparatus. 2,055,191; Sept. 22.
- Zellhoefer, Glenn F., Bloomington, Ill. Refrigerating apparatus. 2,061,606; Nov. 24.
- Zellhoefer, Glenn F., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Air conditioning apparatus. 2,039,375; May 5.
- Zellweger, Walter, St. Louis, Mo. Apparatus for treating air and other gases. 2,063,716; Dec. 8.
- Zeltinger, Frank, et al. (See Naeser, Alfred, assignor.)
- Zempel, Edward A., assignor of one-half to Carol Tillotson, Milwaukee, Wis. Boring tool. 2,043,689; June 9.
- Zeni, Giocondo H., Detroit, Mich. Automobile heater. 2,058,116; Oct. 20.
- Zenith Radio Corporation. (See McDonald, Eugene F., Jr., assignor.)
- Zenke, Henry C., Richmond Hill, N. Y. Counting device. 2,033,969; Mar. 17.
- Zenke, Henry C., Richmond Hill, N. Y. Gauge. 2,051,357; Aug. 18.
- Zenner, David R., and D. A. Nevin, assignors to The McBee Company, Athens, Ohio. Peg board. 2,061,532; Nov. 17.
- Zenner, George H., Buffalo, N. Y., assignor to The Linde Air Products Company. Gauge. 2,032,681; Mar. 3.
- Zenner, George H., Buffalo, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Method and apparatus for effecting the discharge of a volatile liquid. 2,037,673; Apr. 14.
- Zenner, Walter J. (See Corswandt, R. H., and Zenner.)
- Zenner, Walter J. (See Krum, H. L., and Zenner.)
- Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Motor control. 2,028,641; Jan. 31.
- Zepfner, Louis H. (See Eberle, W. A., and Zepfner.)
- Zerbe, Lewis E., Moneta, Calif., assignor to The National Superior Company, Toledo, Ohio. Rotary machine. 2,032,732; Mar. 3.
- Zerbe, Louis J., Bellefontaine, Ohio. Chair. 2,046,715; July 7.
- Zerbe, Louis J., Bellefontaine, Ohio. Spring base furniture. 2,064,137; Dec. 15.
- Zerbey, John M., et al. (See James, Cleveland A., assignor.)
- Zerbst, Herbert J., Pittsburgh, Pa. License plate holder. 2,062,156; Nov. 24.
- Zerillo, Frank, Brooklyn, N. Y. Pneumatic tire. 2,059,764; Nov. 3.
- Zerk Corporation. (See Zerk, Oscar U., assignor.)
- Zerk, Oscar U., Cleveland, Ohio. Universal joint. 2,027,138; Jan. 7.
- Zerk, Oscar U., Cleveland, Ohio. Wheel cover and securing means therefor. 2,043,874; June 9.
- Zerk, Oscar U., Cleveland, Ohio, assignor to Zerk Corporation. Vehicle wheel. 2,043,875; June 9.
- Zerk, Oscar U., Cleveland, Ohio, assignor to Zerk Corporation. Vehicle wheel. 2,055,372; Sept. 22.
- Zerk, Oscar U., Chicago, Ill. Wheel and wheel cover. 2,031,355; Feb. 18.
- Zerk, Oscar U., Chicago, Ill. Spare wheel and tire cover. 2,049,533; Aug. 4.
- Zerk, Oscar U., assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Centralized lubricating system. 2,032,036; Feb. 25.
- Zerkle, Paul F., Cleveland, Ohio. Indicator. 2,027,217; Jan. 7.
- Zerman, William C. (See Cowan, H. B., and Zerman.)
- Zeruneith, Rodolf E., West Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Sound reproducing machine. 2,047,160; July 7.
- Zerweck, Werner. (See Schrader, G., and Zerweck.)
- Zerweck, Werner, Frankfort-on-the-Main/Fechenheim, Germany, assignors, to General Aniline Works, Inc., New York, N. Y. Sulphur dyestuffs. 2,044,868; June 23.
- Zerweck, Werner, and E. Honold, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Condensation products of the anthraquinone series. 2,045,817; June 30.
- Zetmeir, Emil A., Topeka, Kans. Door hanger. 2,039,866; May 5.
- Zeun, Louis H., Catonsville, assignor to J. B. Adt Company, Baltimore, Md. Drier. 2,033,169; Mar. 10.
- Zeuthen, Ernst, Brooklyn, N. Y. Vehicle tail gate. 2,058,049; Oct. 20.
- Zevely, Edward A., and A. B. McCabe, Jamaica, N. Y. Liquid level gauge. 2,051,669; Aug. 18.
- Zickrick, Lyall, Schenectady, N. Y., assignor to General Electric Company. Making cable sheaths. 2,050,873; Aug. 11.
- Zickrick, Lyall, Schenectady, N. Y., assignor to General Electric Company. Electrical switch contact. 2,057,604; Oct. 13.
- Zidar, Frank, Detroit, Mich. Auxiliary reamplification radio circuits. 2,034,548; Mar. 17.
- Ziebolz, Herbert. (See Wunsch, G., and Ziebolz.)
- Ziegler, Albert H. (See Madsen, M., Ziegler, Parrot, and Ruth.)



- Ziegler, Charles E., assignor to Clinical Supplies, Incorporated, Pittsburgh, Pa. Powder insufflators. 2,050,517; Aug. 11.
- Ziegler, George J., assignor of one-half to C. J. Heyler, Los Angeles, Calif. Internal combustion engine. 2,038,818; Apr. 28.
- Ziegler, George J., assignor of one-half to C. Wolf and one-fourth to W. M. Gentle, Los Angeles, Calif.; G. B. Shenk, guardian of said C. Wolf, infirm. Apparatus for preparing soil for seeding. 2,040,068; May 5.
- Ziegler, George J., assignor of one-half to C. J. Heyler, Los Angeles, Calif. Combined breaking plow and cultivator. 2,052,068; Aug. 25.
- Ziegler, Karl, Heidelberg, Germany, assignor to Röhm & Haas Company, Philadelphia, Pa. Amidines. 2,049,582; Aug. 4.
- Ziegler, Lewis D., 3d, Swarthmore, Pa. Shoe-element marking device. 2,056,117; Sept. 29.
- Ziegler, William M., Detroit, Mich. Floating tool holder. 2,042,648; June 2.
- Ziegner, Heinrich, Hagen, Germany. Producing filaments from a raw material which has been solidified by the action of solid liquid, or gaseous media. 2,043,722; June 9.
- Ziehler, Bernard H., Dayton, Ohio. Seal for advertising matter. 2,059,427; Nov. 3.
- Ziesenheim, Fred C., assignor, by mesne assignments, to The Girard Manufacturing Company, Girard, Pa. Toy railroad track and electric wire terminals therefor. 2,036,312; Apr. 7.
- Zieve, William A., North Bergen, N. J. Stop motion. 2,064,869; Dec. 22.
- Zihler, Leon L., Buffalo, N. Y. Stub puller and forming the same. 2,066,132; Dec. 29.
- Zikman, Lew. (See Goldberg, A. L., and Dauman, assignors.)
- Zillger, Arno, Narberth, Pa., assignor to National Television Corporation, Wilmington, Del. Modulating lamp assembly and circuit therefor. 2,054,846; Sept. 22.
- Zillgitt, Charles J., Pasadena, Calif. Lever jaw crusher. 2,065,784; Dec. 29.
- Zilliox, John, Orchard Park, N. Y. Tool for trimming piston rings and the like. 2,055,373; Sept. 22.
- Zim Manufacturing Company. (See Berkman, Herbert A., assignor.)
- Zimarik, Louis, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Washing machine (fluid projecting means). 2,053,932; Sept. 8.
- Zimbalist, William H., Brooklyn, N. Y. Combined soaping, scrubbing, and spraying device. 2,060,271; Nov. 10.
- Zimdars, Emil, Green Bay, Wis. Safety signal. 2,028,427; Jan. 21.
- Zimic, Michael, Forest Hills, N. Y. Adjustable pulley. 2,062,629; Dec. 1.
- Zimmer, Charles, Brooklyn, N. Y. Automobile fuel pump. 2,058,936; Oct. 27.
- Zimmer, Charles, Brooklyn, N. Y. Automobile fuel pump rocker arm gauge. 2,058,937; Oct. 27.
- Zimmer, Edward, Newark, N. J. Yieldable shaft coupling. 2,049,936; Aug. 4.
- Zimmer, John C., Hillside, and A. J. Morway, Roselle, N. J., assignors to Standard Oil Development Company. Adhesive grease composition. 2,062,346; Dec. 1.
- Zimmer Manufacturing Company. (See Hawley, Jesse E., assignor.)
- Zimmer, Myron J., assignor to Edward Katzinger Company, Chicago, Ill. Gear hub. 2,049,727; Aug. 4.
- Zimmer, Peter N., St. Louis, Mo. Dental instrument. 2,057,077; Oct. 13.
- Zimmerli, Adolph, New Brunswick, N. J., assignor to Newport Industries, Inc., Pensacola, Fla. Preparing dihydroterpineol and menthone. 2,052,736; Sept. 1.
- Zimmerli, Franz P., Detroit, Mich., assignor to The William D. Gibson Company, Chicago, Ill. Spring. 2,056,816; Oct. 6.
- Zimmerman, Arthur C., and E. F. Steger, assignors to The Duro Company, Dayton, Ohio. Stuffing box. 2,055,226; Sept. 22.
- Zimmerman, Arthur C., and E. F. Steger, assignors to The Duro Company, Dayton, Ohio. Deep well pump. 2,061,789; Nov. 24.
- Zimmerman, Arthur C., and E. F. Steger, assignors to The Duro Company, Dayton, Ohio. Deep-well pump. 2,063,863; Dec. 8.
- Zimmerman, Arthur G., Westmont, N. J., assignor to Radio Corporation of America. Camera mounting. 2,031,809; Feb. 25.
- Zimmerman, Arthur H., Hammond, Ind. Combination plumbing fixture. 2,026,857; Jan. 7.
- Zimmerman, Beulah B. (See Zimmerman, Harry, assignor.)
- Zimmerman, Emory K., Detroit, Mich., assignor to Aero-Style Corporation, Indianapolis, Ind. Wheel guard. 2,038,977; Apr. 28.
- Zimmerman, Fred R. (See King, T. J., and Zimmerman.)
- Zimmerman, Harry, assignor to B. B. Zimmerman, Toronto, Ontario, Canada. Buffing wheel. 2,043,189; June 2.
- Zimmerman, Herbert L., Milwaukee, Wis. Air filtering device. 2,048,911; July 28.
- Zimmerman, Herman W., assignor to Automotive Maintenance Machinery Co., Chicago, Ill. Gauging device. 2,047,607; July 14.
- Zimmerman, Herman W., assignor to Automotive Maintenance Machinery Co., Chicago, Ill. Cylinder grinding tool adjusting mechanism. 2,063,217; Dec. 8.
- Zimmermann, August. (See Freedman, A. E., and Zimmermann.)
- Zimmermann, August, and K. Spencker, Premnitz, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of artificial threads from viscose. 2,036,313; Apr. 7.
- Zimmermann, Emil B., Berlin, Germany. Adjustable piece of furniture for printing, composing, and the like. 2,054,891; Sept. 22.
- Zimmermann, Ernst Kongen, Germany, assignor to Gummi-Tank A.-G., Rubber Tank Ltd., Glarus, Switzerland. Bag sewing apparatus. 2,065,413; Dec. 22.
- Zimmermann, Fritz, Newark, and H. E. Zschiegner, Ocean Grove, assignors to Baker & Company, Inc., Newark, N. J. Process and bath for depositing ruthenium. 2,057,638; Oct. 13.
- Zimmermann, Hans, Dortmund, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Lock gate. 2,040,721; May 12.
- Zimmermann, Hans, Dortmund, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Lock and gate structure. 2,040,722; May 12.
- Zimmers, Joseph B., et al. (See Hall, William J., assignor.)
- Zimmers, Joseph B., et al. (See Herron, Ollie L., assignor.)
- Zimmers, Wilma M., et al. (See Herron, Ollie L., assignor.)
- Zindel, Ernst, Dessau, Germany. Firearm equipment for aircraft. 2,029,692; Feb. 4.
- Zingaro, Placido W., assignor to H. J. Smith, New York, N. Y. Automatic variable speed transmission. 2,058,545; Oct. 27.
- Zingg, Ernst, assignor to the firm of Sulzer Frères Société Anonyme, Winterthur, Switzerland. Double-acting internal combustion engine. 2,035,856; Mar. 31.
- Zingg, William W., Chicago, Ill., assignor to The Columbia Mills, Inc., New York, N. Y. Venetian blind bottom rail bracket. 2,027,570; Jan. 14.
- Zink, Josef, Regensburg-Kumpfmühl, Germany. Cartridge for separately storing components of dental amalgams. 2,052,158; Aug. 25.
- Zinkil, Roy H., Oak Park, assignor to Crane Co., Chicago, Ill. Valve. 2,028,581; Jan. 21.
- Zinkil, Roy H., Oak Park, assignor to Crane Co., Chicago, Ill. Valve operating device. 2,033,666; Mar. 10.
- Zinkil, Roy H., Oak Park, assignor to Crane Co., Chicago, Ill. Device for promoting greater safety in connection with the use of bathtubs. 2,063,864; Dec. 8.
- Zinkil, Roy H., Oak Park, and E. W. Marchand, Maywood, assignors to Crane Co., Chicago, Ill. Lavatory waste. 2,043,088; June 2.
- Zinkowsky, Jacob T., New York, N. Y. Automobile crashproof safety device. 2,047,723; July 14.
- Zinman, M. Boyd, et al. (See Thérémis, Leon, assignor.)
- Zinn, Manvel K., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Impedance equalizing system. 2,036,881; Apr. 7.
- Zinn, Manvel K., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Continuously loaded conductor. 2,054,718; Sept. 15.
- Zinn, Robert E., Chicago Heights, assignor to Victor Chemical Works, Chicago, Ill. Flaking amorphous solids. 2,041,448; May 19.
- Zinn, Thelma H., Columbus, Ohio. Hair waving appliance. 2,030,490; Feb. 11.
- Zinner, Elizar, Hanover, Germany. Mitten for children to prevent sucking of thumbs. 2,035,210; Mar. 24.
- Zinselmeyer, Walter, Remscheid-Lenne, Germany, assignor to American Bemberg Corporation, New York, N. Y. Spinning centrifuges for artificial silk. 2,062,980; Dec. 1.
- Zinzer, Paul, et al. (See Rodack, James, assignor.)
- Zippo Manufacturing Company. (See Gimera, G., and Blaisdell, assignors.)
- Zirm, Frederick P. (See Zirm, Robert W. and F. P.)
- Zirm, Robert W., Reynoldsville, and F. P. Zirm, Bloomsburg, Pa. Loom. 2,061,339; Nov. 17.
- Ziska, Adam, Wauwatosa, and C. A. Biebler, Shorewood, Wis. Air compressor. 2,053,593; Sept. 8.
- Ziska, Adam, Wauwatosa, and J. K. Marshall, assignors to A. O. Smith Corporation, Milwaukee, Wis. Enamel spraying apparatus. 2,048,912; July 28.
- Zisserman, Leon, and E. Shore, London, England. Antiseptic or medicated dressing or material and the manufacture thereof. 2,063,218; Dec. 8.
- Zitscher, Arthur. (See Laska, L., and Zitscher.)
- Zitscher, Arthur. (See Laska, L., and Zitscher, and Seidenfaden.)
- Zitscher, Arthur, Cronberg in Taunus, Germany, assignor to General Aniline Works, Inc., New York, N. Y. 6-nitro-2,3-hydroxynaphthoic acid. 2,040,587; May 12.
- Zitscher, Arthur and W. Seidenfaden, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Manufacture of 4-aminodiphenylamine derivatives and intermediates obtained thereby. 2,028,373; Jan. 21.
- Zitterbaum, Hyman, et al. (See Fischer, Carl, assignor.)
- Zivanov, Uros, Washington, D. C. Area reducer for storage chambers. 2,065,006; Dec. 22.
- Zoeller, William, Brooklyn, N. Y. Peel removing and grating machine. 2,060,272; Nov. 10.



- Zoelly, Heinrich, Zurich, Switzerland. Conserving victuals in closed containers. 2,052,270; Aug. 25.
- Zofzik, Franz, assignor to Josef Florenz Waagen und Gewichtfabriks, A. G., Fischamend, near Vienna, Austria. Device for transmitting motion. 2,042,695; June 2.
- Zoller, Arnold, Berlin, Germany. Internal combustion engine. 2,048,243; July 21.
- Zoller, Egon, Zurich, Switzerland. Apparatus for the registration of signals in automatic telephone installations. 2,040,588; May 12.
- Zoller, Egon, and J. Villiger, Zurich, Switzerland. Transmission and registration of signals. 2,059,298; Nov. 3.
- Zolotow, Harry, Brooklyn, N. Y. Combination handbag. 2,055,569; Sept. 29.
- Zongaro, Marco G., Portland, Oreg. Screw driver handle. 2,063,419; Dec. 8.
- Zonino, Frederick, Naugatuck, and A. G. Emery, New Haven, Conn., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Separator for winding deformable materials upon reels. 2,057,701; Oct. 20.
- Zook, David F., Evanston, Ill. Motor vehicle brake. 2,044,490; June 16.
- Zordan, Antonio, Chicago, Ill. Accordion. 2,035,683; Mar. 31.
- Zorn, John C., assignor of one-half to M. L. Burleson, El Paso, Tex. Roof edging strip. 2,032,967; Mar. 3.
- Zorn, Walter M., and T. H. Eickhoff, East Cleveland, Ohio, assignors to The Low Temperature Processing Company. Method of and apparatus for disassociating the components of solutions and mixtures. 2,032,785; Mar. 3.
- Zornig, Hermann H., United States Army, Newhall, Iowa. Fuse for projectiles. 2,044,026; June 16.
- Zornig, Hermann H., United States Army, Newhall, Iowa. Fuse for bombs. 2,054,111; Sept. 15.
- Zotos Corporation. (See Winkel, Fred M., assignor.)
- Zotos Corporation. (See Worth, Yvonne, assignor.)
- Zottu, Paul D., West Caldwell, N. J., assignor to Radio Corporation of America. Ultra short wave tube. 2,037,357; Apr. 14.
- Zouck, George H., Orange, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Buffer mechanism. 2,057,468; Oct. 13.
- Zouck, George H., Orange, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Controlling motion of a railway vehicle axle. 2,064,138; Dec. 15.
- Zouckermann, Armand. (See Bauml, Jacques M., assignor.)
- Zschemnitz, Hans, Ettlingen, Germany. Device for waving and doubling over the edge of crepe paper for decorative purposes. 2,053,758; Sept. 8.
- Zschiegner, Herbert E. (See Zimmermann F., and Zschiegner.)
- Zubatý, Joseph, Prague, Czechoslovakia. Synchronized driving mechanism. 2,044,930; June 23.
- Zubatý, Joseph, Prague, Czechoslovakia. Fuel feed mechanism for internal combustion engines. 2,052,737; Sept. 1.
- Zuber, Robert B., Birmingham, Ala. Tripping mechanism. 2,029,456; Feb. 4.
- Zubli, Justus C., Bremerton, Wash. Creatography. 2,038,022; Apr. 21.
- Zublin, Ernest W. (See Pfau, G. M., Bolin, and Zublin.)
- Zublin, Ernest W., assignor to Texas Pacific Coal & Oil Co., Fort Worth, Tex. Vapor phase cracking apparatus. 2,045,114; June 23.
- Zublin, Ernest W., assignor to Texas Pacific Coal & Oil Co., Fort Worth, Tex. Expander for cracking hydrocarbon oils. 2,055,212; Sept. 22.
- Zublin, John A. (See Hitt, Charles W., assignor.)
- Zublin, John A., Bel Air, Calif. Method and apparatus for fusing metals. 2,031,088; Feb. 18.
- Zublin, John A., Bel Air, Calif. Alloy. 2,051,358; Aug. 18.
- Zublin, John A., Los Angeles, Calif. Improving the wear resistant qualities of a body. 2,043,142; June 2.
- Zublin, John A., Los Angeles, Calif. Rotary earth boring tool with rolling cutters. 2,050,988; Aug. 11.
- Zublin, John A., Los Angeles, Calif. Earth boring tool with rolling cutters. 2,050,989; Aug. 11.
- Zublin, John A., Los Angeles, Calif. Applying wear-resistant material to a tool. 2,058,753; Oct. 27.
- Zublin, John A., and C. W. Hitt, Los Angeles, Calif.; said Hitt assignor to said Zublin. Making a metal tube. 2,066,025; Dec. 29.
- Zucker, Philipp, Zurich, Switzerland. Cycle. 2,027,758; Jan. 14.
- Zuckerman, Adolph M., assignor to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, permanent trustee. Web cutting mechanism for printing machines. 2,027,412; Jan. 14.
- Zuckerman, Adolph M., New York, N. Y., and H. P. Clauser, Hasbrouck Heights, N. J., assignors, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Inking mechanism for printing machines. 2,039,867; May 5.
- Zuckerman, Louis G., Chicago, Ill. Knitted article and making same. 2,047,724; July 14.
- Zuckerman, Paul. (See West, Francis, Jr., assignor.)
- Zuckerman, Roscoe C., Stockton, Calif. Method of and apparatus for distributing fertilizer. 2,036,559; Apr. 7.
- Zukowski, Sylvester, Duluth, Minn. Shoe press heating device. 2,039,868; May 5.
- Zulinski, Peter, Astoria, and P. Fleischman, Bronx, N. Y. Automatic ticket cash register. 2,032,387; Mar. 3.
- Zulver, Cornelis, London, England, assignor to Shell Development Company, San Francisco, Calif. Ship for carrying fluids in bulk. 2,048,312; July 21.
- Zum Felde, Adolf. (See Mambrauer, W., and zum Felde.)
- Zurcher, Ernest, Schenectady, N. Y., assignor to General Electric Company. Locking attachment plug. 2,042,491; June 2.
- Zurcher, Ernest, Schenectady, N. Y., assignor to General Electric Company. Control means for refrigeration systems. 2,060,774; Nov. 10.
- Zurcher, John T., Tripp, S. Dak. Dustproof luggage carrier for automobiles. 2,060,362; Nov. 10.
- Zur Nieden, Heinz, assignor to Aker-Werke Aktiengesellschaft, Bielefeld, Germany. Bookkeeping machine. 2,052,861; Sept. 1.
- Zuschlag, Theodor, Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Magnetic analysis. 2,028,486; Jan. 21.
- Zuschlag, Theodor, Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Magnetic analysis. 2,034,501; Mar. 17.
- Zuschlag, Theodor, Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Magnetic analysis. 2,034,502; Mar. 17.
- Zuschlag, Theodor, Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Electrical analysis (method). 2,045,257; June 23.
- Zuschlag, Theodor, Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Electrical analysis (apparatus). 2,045,258; June 23.
- Zuschlag, Theodor, Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Magnetic analysis-apparatus. 2,056,996; Oct. 13.
- Zuschlag, Theodor, West Englewood, N. J., assignor to H. T. F. Lundberg, New York, N. Y. Method and apparatus for electrical prospecting. 2,062,630; Dec. 1.
- Zweben, Samuel, New York, N. Y. Apparel garment. 2,055,094; Sept. 22.
- Zwermann, Carl H., deceased, by H. Zwermann, executrix, and C. H. Zwermann, Jr., executor, assignors to W. A. Case & Son Mfg. Co., Robinson, Ill. Water closet. 2,030,559; Feb. 11.
- Zwermann, Carl H., Jr., executor. (See Zwermann, Carl H.)
- Zwermann, Helene, executrix. (See Zwermann, Carl H.)
- Zwick, Charles F., assignor to Indianapolis Glove Company, Indianapolis, Ind. Hand covering. 2,039,137; Apr. 28.
- Zwicker, Verdi, Grantwood, N. J. Embroidery machine. 2,033,367; Mar. 10.
- Zwickl, Joseph R., Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Reserve refrigerant supply and apparatus. 2,055,780; Sept. 29.
- Zwicky, Fred. (See Koebberling, O., Zwicky, and Hunt.)
- Zwicky, Melchior. (See Meyer, C. F., and Zwicky.)
- Zwiebel, William A. (See Purinton, F. G., and Zwiebel, assignors.)
- Zwiebel, William A., assignor to The Patent Button Company, Waterbury, Conn. Apparatus for uniformly coating flat surfaces. 2,046,596; July 7.
- Zwilmeyer, Frithjof. (See Dahlen, M. A., Detrick, Etzel-miller, and Zwilmeyer.)
- Zwilmeyer, Frithjof. (See Dahlen, M. A., and Zwilmeyer.)
- Zwilmeyer, Frithjof, Gordon Heights, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coloring materials. 2,035,518; Mar. 31.
- Zwilmeyer, Frithjof, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Arylamides of furoyl-acetic acid. 2,064,331; Dec. 15.
- Zwilmeyer, Frithjof, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ice colors. 2,064,332; Dec. 15.
- Zwingauer, Nathanael, Berlin-Wilmersdorf, assignor to Rütgerswerke-Aktiengesellschaft, Berlin, Germany. Wooden plug. 2,062,081; Nov. 24.
- Zworykin, Vladimir K., Haddonfield, N. J., assignor to Radio Corporation of America. Electrical communication system. 2,028,857; Jan. 28.
- Zwosta, Michael J., Brooklyn, N. Y. Liquid measuring device. 2,066,169; Dec. 29.
- Zwoyer, Ellsworth B. A., Perth Amboy, and A. L. Stillman, Plainfield, N. J., assignors to The General Fuel Briquette Corporation, New York, N. Y. Apparatus for the carbonizing of fuel briquettes. 2,038,623; Apr. 28.
- Zwoyer, Walter R., Maywood, N. J., assignor, by mesne assignments, to Transparent-Wrap Machine Corporation, New York, N. Y. Dispensing mechanism. 2,037,555; Apr. 14.
- Zwoyer, Walter R., Maywood, N. J., assignor, by mesne assignments, to Transparent-Wrap Machine Corporation, New York, N. Y. Severing mechanism. 2,047,243; July 14.
- Zygmunt, Conrad, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,036,738; Apr. 7.
- Zygmunt, Conrad, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Apparatus for fitting cylinder locks and keys. 2,063,138; Dec. 8.
- Zygmunt, Henry J. (See Lazich, B., and Zygmunt.)



# LIST OF DESIGN PATENTEEES

- Abelson & Braun. (See Braun, Julius, assignor.)  
 Abouchar, Joseph, New York, N. Y. Scarf. 99,472; Apr. 28.  
 Abouchar, Joseph, New York, N. Y. Scarf or similar article. 101,688; Oct. 27.  
 Abowitz, Jacob, New York, N. Y. Shoe. 98,134; Jan. 14.  
 Abowitz, Jacob, New York, N. Y. Shoe. 100,252; July 7.  
 Abraham, Anna, Detroit, Mich. Wash mit. 99,840; June 2.  
 Abrams, Nichola, Chicago, Ill., assignor to Eaton-Detroit Metal Company. Electric lamp. 98,818; Mar. 10.  
 Abramson, Abraham, New York, N. Y. Decorative electric light bulb or similar article. 99,841; June 2.  
 Abramson, Abraham, New York, N. Y. Decorative electric light bulb or similar article. 99,842; June 2.  
 Abramson, Abraham, New York, N. Y. Decorative electric light bulb or similar article. 99,843; June 2.  
 Abramson, Abraham, New York, N. Y. Decorative electric light bulb or similar article. 99,844; June 2.  
 Abramson, Abraham, New York, N. Y. Decorative electric light bulb or similar article. 99,845; June 2.  
 Abramson, Abraham, New York, N. Y. Decorative electric light reflector or similar article. 99,846; June 2.  
 Abramson, Abraham, New York, N. Y. Decorative electric light reflector or similar article. 99,847; June 2.  
 Abramson, Abraham, New York, N. Y. Decorative electric light bulb or similar article. 99,919; June 9.  
 Abramson, Abraham, New York, N. Y. Decorative electric light bulb or similar article. 99,920; June 9.  
 Abramson, Abraham, New York, N. Y., assignor, by mesne assignments, to G. B. G. Corporation, Newark, N. J. Decorative lighting unit. 99,637; May 12.  
 Accessories Company, The. (See Sakier, George, assignor.)  
 Acker, Samuel N., Washington, D. C. Facial make-up beauty guide for applying cosmetics. 101,593; Oct. 13.  
 Ackerman, Arban J., New York, N. Y., assignor to Manning, Bowman & Co., Meriden, Conn. Ash tray or similar article. 98,207; Jan. 21.  
 Ackerman, Arban J., New York, N. Y., assignor to Manning, Bowman & Co., Meriden, Conn. Combined ash trays and support therefor. 100,535; July 28.  
 Ackerman, Doletta M., Los Angeles, Calif. Massage appliance head. 101,263; Sept. 22.  
 Acklin Stamping Company, The. (See Earley, Samuel C., assignor.)  
 Acme Air Appliance Company. (See Longstreet, Walter H., assignor.)  
 Acme Electric & Manufacturing Company, The. (See Comstock, James A., assignor.)  
 Acme Shear Company, The. (See Lincoln, Alden A., assignor.)  
 Acme Textiles Co. Inc. (See Bancroft, Edward E., assignor.)  
 Adams, Albert E., Scranton, Iowa. Ashtray. 99,921; June 9.  
 Adams, Carleton B., New York, N. Y. Glove. 102,314; Dec. 15.  
 Adams, Everett E., M. P. Blomberg, W. H. Mussey, Chicago, Ill., and W. B. Stout, Detroit, Mich., assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Articulated rail car or similar article. 100,000; June 16.  
 Adams, Everett E., M. P. Blomberg, W. H. Mussey, Chicago, Ill., and W. B. Stout, Detroit, Mich., assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Rail car body. 100,001; June 16.  
 Adams, Everett E., M. P. Blomberg, W. H. Mussey, Chicago, Ill., and W. B. Stout, Detroit, Mich., assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Rail car body. 100,002; June 16.  
 Adams, George A., Rochester, N. Y., assignor to Eastman Kodak Company, Jersey City, N. J. Carrying handle. 102,023; Nov. 24.  
 Adams, Lysle E., Chicago, Ill. Jar. 100,750; Aug. 11.  
 Adams, Lysle E., Chicago, Ill., assignor to L. E. Adams, as trustee. Jar. 100,307; July 7.  
 Adams, Lysle E., Chicago, Ill., assignor to L. E. Adams, as trustee. Jar. 100,308; July 7.  
 Adams, Lysle E., trustee. (See Adams, Willis B., assignor.)  
 Adams, Wilbur H. (See Roe, M. E., and Adams.)  
 Adams, Wilbur H., M. Resek, Cleveland Heights, and J. A. Dahlstrom, Bay Village, assignors to Perfection Stove Company, Cleveland, Ohio. Refrigerator. 99,103; Mar. 31.  
 Adams, Wilbur H., Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Heating stove. 101,434; Oct. 6.  
 Adams, Wilbur H., Cleveland Heights, and J. A. Dahlstrom, Bay Village, assignors to Perfection Stove Company, Cleveland, Ohio. Heating stove. 101,604; Oct. 20.  
 Adams, Willis B., Chicago, Ill., assignor to L. E. Adams, trustee. Jar. 100,306; July 7.  
 Adlake Company, The. (See Hendrickson, Hugh H., assignor.)  
 Adrian, Lawrence R., Iowa City, Iowa. Figure toy. 100,187; June 30.  
 Aeolian American Corporation. (See Kavanaugh, Gardner C., assignor.)  
 Aibel, Samuel H., New York, N. Y. Knitted pile fabric. 99,493; May 5.  
 Aibel, Samuel H., New York, N. Y. Knitted pile fabric. 99,494; May 5.  
 Aibel, Samuel H., Brooklyn, N. Y. Knitted pile fabric. 99,769; May 26.  
 Aibel, Samuel H., Brooklyn, N. Y. Knitted pile fabric. 99,770; May 26.  
 Aibel, Samuel H., Brooklyn, N. Y. Knitted pile fabric. 99,771; May 26.  
 Aibel, Samuel H., Brooklyn, N. Y. Knitted pile fabric. 99,772; May 26.  
 Ainsworth, George, New York, N. Y. Translucent reflector for electric lighting fixtures. 102,582; Dec. 29.  
 Air Devices Corporation. (See Boothby, Donald D., assignor.)  
 Airmaster Corporation. (See Hueglin, Herman C., assignor.)  
 Air-Way Electric Appliance Corporation. (See Dow, D. M., and Burmeister, assignors.)  
 Air-Way Electric Appliance Corporation. (See Latta, Lynn H., assignor.)  
 Alan, David, & Company. (See Degory, Alfred.)  
 Alberg, Henry, Millstadt, Ill. Cigar and cigarette holder. 100,188; June 30.  
 Albert Manufacturing Company. (See Handman, Maurice.)  
 Albert, Tina, New York, N. Y. Textile fabric or similar article. 99,258; Apr. 14.  
 Albert, Tina, New York, N. Y. Textile fabric or similar article. 99,259; Apr. 14.  
 Albertson & Company. (See Albertson, Frans O., assignor.)  
 Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Metal spray gun. 99,616; May 12.  
 Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Hot air gun. 100,189; June 30.  
 Aldrich, Ralph N., assignor to Standard Stations, Inc., San Francisco, Calif. Service station. 98,470; Feb. 4.  
 Aldrich, Ralph N., and A. H. Jaehne, assignors to Standard Stations, Inc., San Francisco, Calif. Service station. 100,405; July 14.  
 Alexander, Ace H., Hollywood, Calif. Automobile trailer body. 98,792; Mar. 3.  
 Alexander, Ace H., Hollywood, Calif. Automobile trailer body. 100,678; Aug. 4.  
 Alexander, Ace H., Hollywood, Calif. Automobile trailer body. 100,679; Aug. 4.  
 Allen, Grosvenor N., L. E. Ressegger, and E. H. Kreps, assignors to Oneida Limited, Oneida, N. Y. Spoon or similar article. 99,337; Apr. 21.  
 Allen, Grosvenor N., and L. E. Ressegger, Oneida, and W. H. Gerth, New York, N. Y., assignors to Oneida Community, Limited, Oneida, N. Y. Spoon or similar article. 99,773; May 26.  
 Allen, Grosvenor N., Oneida, and W. H. Gerth, New York, assignors to Oneida Limited, Oneida, N. Y. Spoon or similar article. 101,203; Sept. 15.  
 Allen, Grosvenor N., L. E. Ressegger, Oneida, and W. H. Gerth, New York, assignors to Oneida Community, Limited, Oneida, N. Y. Spoon or similar article. 101,264; Sept. 22.  
 Allen, Jack G., assignor to F. H. Noble & Co., Chicago, Ill. Finger ring box or similar article. 100,142; June 23.  
 Allen, Jack G., assignor to F. H. Noble & Co., Chicago, Ill. Cup or similar article. 100,190; June 30.  
 Allen, Jack G., assignor to F. H. Noble & Co., Chicago, Ill. Display case for stationery or similar article. 100,253; July 7.  
 Alliance Porcelain Products Company, The. (See Rodman, Hazel P., assignor.)  
 Allison, Clifford L., Grand Rapids, Mich., assignor to Continental Radio and Television Corp., Chicago, Ill. Radio cabinet or similar article. 100,143; June 23.  
 Alterson Co. (See Walsh, John J., assignor.)  
 Alterson, Louis, New York, N. Y. Buckle. 98,045; Jan. 7.  
 Alterson, Louis, New York, N. Y. Buckle. 98,638; Feb. 18.  
 Alterson, Louis, New York, N. Y. Buckle. 101,321; Sept. 29.  
 Altizer, Arnold P., and H. Sholund, Brush Prairie, Wash. Smoking pipe. 102,406; Dec. 22.  
 Altorfer, Alpheus W., Peoria, Ill. Washing machine tub. 101,726; Oct. 27.  
 Altorfer, Henry W., Peoria, Ill. Ironing machine cabinet. 102,539; Dec. 29.  
 Aluminum Cooking Utensil Company, The. (See Towne, C. G., and Wunderley, assignors.)



- Alvin Corporation, The. (See Woodward, F. Russell, assignor.)
- Amato, Giuseppe, New Britain, Conn. Sewing kit. 98,380; Jan. 28.
- American Coach & Body Company. (See Larsen, Neil P., assignor.)
- American Duplex Co. (See Schuhmann, Richard L., assignor.)
- American Floor Surfacing Machine Company. (See Myers, Harry L., assignor.)
- American Gas Machine Company. (See Teague, Walter D., assignor.)
- American Hair & Felt Company. (See Clements, Arthur L., assignor.)
- American Hard Rubber Company. (See Kohlmeier, John J., assignor.)
- American Hardware Corporation, The. (See Booth, William H., assignor.)
- American Import Company, The. (See Herst, Abraham, assignor.)
- American Lace Mfg. Co., The. (See Hucknall, Hage W., assignor.)
- American Lead Pencil Company. (See Caffrey, Michael, assignor.)
- American Lead Pencil Company. (See Juelss, David, assignor.)
- American Lead Pencil Company. (See Kubler, E. C. and Friedlein, assignors.)
- American-National Company. (See Diemer, Walter H., assignor.)
- American-National Company, The. (See van Doren, Harold L., assignor.)
- American-National Company, The. (See Van Doren, H. L., and Rideout, assignors.)
- American Novelty Wash Suit Company. (See Gelber, Max, assignor.)
- American Optical Company. (See Cozzens, C. O., and Splaine, assignors.)
- American Optical Company. (See Splaine, Edward M., assignor.)
- American Optical Company. (See Wells, Raymond L., assignor.)
- American Perforator Company. (See Rix, Edward G., assignor.)
- American Radiator Company. (See Lambert, Robert D., assignor.)
- American Radiator Company. (See Ludwig, Edgar V., assignor.)
- American Radiator Company. (See Manning, Fowler, assignor.)
- American Seating Company. (See Bond, Willard H., Jr., assignor.)
- American Seating Company. (See Morgan, Erving B., assignor.)
- American Spirits, Inc. (See Kessler, Sidney, assignor.)
- American Stove Company. (See Stockstrom, A., and Brodbeck, assignors.)
- American Tap-Bush Company. (See Rice, Frank E., assignor.)
- American Transformer Company. (See Hunter, Thomas M., assignor.)
- Amity Leather Products Co. (See Rolfs, R. H., and Weaver, assignors.)
- Ammen, William W., Wyndmoor, assignor to Quaker City Iron Works, Philadelphia, Pa. Tank vehicle. 98,471; Feb. 4.
- Anchor Cap & Closure Corporation. (See Fleisch, Joseph R., assignor.)
- Anchor Cap & Closure Corporation. (See Smith, James S. B., assignor.)
- Anderman, Joseph, New York, N. Y. Ensemble dress. 100,912; Aug. 18.
- Andersen, Niels Y., Kenmore, N. Y. Caster housing. 102,315; Dec. 15.
- Anderson, Bert J., Hammond, Ind. Velocipede fender. 99,385; Apr. 21.
- Anderson, Bert J., Hammond, Ind. Velocipede. 99,848; June 2.
- Anderson, Bert J., Hammond, Ind. Velocipede frame. 100,355; July 14.
- Anderson, Bert J., Hammond, Ind. Saddle seat. 100,356; July 14.
- Anderson, Bert J., Hammond, Ind. Velocipede. 100,406; July 14.
- Anderson Brass Shops, Inc. (See Nyquist, Arthur N., assignor.)
- Anderson, Charles R., Chicago, Ill. Display case. 100,452; July 14.
- Anderson, Edward L., assignor to Ripley and Gowen Company, Incorporated, Attleboro, Mass. Combination lip stick holder and mirror. 100,680; Aug. 4.
- Anderson, Fritz A., assignor to The Burdick Corporation, Milton, Wis. Electrotherapeutic apparatus cabinet. 101,605; Oct. 20.
- Anderson, George W., Akron, Ohio. Tire. 98,568; Feb. 18.
- Anderson, George W., Akron, Ohio. Tire. 99,981; June 16.
- Anderson, Harry G., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Character bearing link for cravat holders or analogous articles. 98,707; Feb. 25.
- Anderson, Harry G., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Character bearing link for cravat holders or analogous articles. 98,709; Feb. 25.
- Anderson, Oscar M., assignor to Landers, Frary & Clark, New Britain, Conn. Table cooker. 99,668; May 19.
- Anderson, William A., Los Angeles, Calif. Drawer knob or similar article. 102,316; Dec. 15.
- Anderson, William A., Los Angeles, Calif. Drawer knob. 102,317; Dec. 15.
- Anderson, William A., Los Angeles, Calif. Drawer pull or similar article. 102,318; Dec. 15.
- Anderson, William A., Los Angeles, Calif. Drawer pull. 102,319; Dec. 15.
- Andres, Lloyd J., Chicago, Ill., assignor to Automatic Musical Instrument Company, Grand Rapids, Mich. Remote control selector casing. 101,576; Oct. 13.
- Andrews, Jerome E., Andover, Mass. Shoe. 99,495; May 5.
- Andrus, Zelta M., assignor to Western Corset Company, Inc., Los Angeles, Calif. Brassière. 101,664; Oct. 20.
- Andrus, Zelta M., assignor to Western Corset Company, Inc., Los Angeles, Calif. Brassière. 101,686; Oct. 20.
- Annala, Aatto Z., Seattle, Wash. Statue or similar article. 102,407; Dec. 22.
- Annick, Michael, assignor to Wesel Manufacturing Company, Scranton, Pa. Vacuum printing frame. 99,922; June 9.
- Annick, Michael, Scranton, Pa., assignor, by mesne assignments to Wesel Manufacturing Company. Direct-connected precision curved tail trimmer. 101,606; Oct. 20.
- Annick, Michael, Scranton, Pa., assignor, by mesne assignments, to Wesel Manufacturing Company. Vacuum casting apparatus. 101,607; Oct. 20.
- Annick, Michael, Scranton, Pa., assignor, by mesne assignments, to Wesel Manufacturing Company. Combination beveler and squarer for flat and curved plates. 101,760; Nov. 3.
- Ansehl, Benjamin, Company, The. (See Ansehl, Benjamin, assignor.)
- Ansehl, Benjamin, assignor to The Benjamin Ansehl Company, St. Louis, Mo. Box or similar container. 101,608; Oct. 20.
- Ansonia De Luxe Shops, Inc. (See Faleck, Frank, assignor.)
- Ansonia De Luxe Shops, Inc. (See Weisman, Seymour, assignor.)
- Anthony, Eugene, Richmond Highlands, assignor to Paramount Heating & Mfg. Co., Seattle, Wash. Electric cooking stove. 101,156; Sept. 8.
- Apco Mossberg Corporation. (See Storrie, William, assignor.)
- Appelbaum, Nathan, New York, N. Y., and S. Shron, Brooklyn, N. Y. Lady's collar. 99,849; June 2.
- Appelbaum, Nathan, New York, and S. Shron, Brooklyn, N. Y. Lady's adjustable girdle. 101,297; Sept. 22.
- Arcelon, John, Mount Vernon, N. Y. Signal lamp. 99,923; June 9.
- Archer, Frank M., Brookline, Mass. Trailer vehicle. 99,323; Apr. 14.
- Ardizzone, Enzo, New York, N. Y. Glove. 100,191; June 30.
- Arenberg, Albert L., Chicago, Ill. Lamp casing. 98,105; Jan. 7.
- Arenberg, Albert L., Highland Park, Ill. Lens globe for an incandescent electric lamp. 99,104; Mar. 31.
- Arenberg, Albert L., Highland Park, Ill. Lens globe for an incandescent electric lamp. 99,105; Mar. 31.
- Arenberg, Albert L., Highland Park, Ill. Lens globe for an incandescent electric lamp. 101,435; Oct. 6.
- Arkin, Bertha, New York, N. Y., assignor to Bancroft-Walker Company, Waltham, Mass. Shoe. 100,810; Aug. 11.
- Arkin, Bertha, New York, N. Y., assignor to Bancroft-Walker Company, Waltham, Mass. Shoe. 100,836; Aug. 18.
- Armstrong Cork Company. (See Wilmet, Georges, assignor.)
- Armstrong, George A., Cranston, R. I., assignor to William C. Greene Company. Jewelry stone. 101,436; Oct. 6.
- Armstrong, Merton C., assignor to The Sterling Siren Fire Alarm Company Inc., Rochester, N. Y. Siren. 99,177; Apr. 7.
- Arnold, Albert O., Kansas City, Mo. Child's rocker. 102,246; Dec. 8.
- Aro Equipment Corporation, The. (See Eastman, Ivan L., assignor.)
- Aro Equipment Corporation, The. (See Ginter, Charles W., assignor.)
- Arons, Louis, assignor to N. H. Arons, Chicago, Ill. Underwear garment for men. 98,747; Mar. 3.
- Arons, Norman H. (See Arons, Louis, assignor.)
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Combined pyrophoric lighter and cigarette container. 98,991; Mar. 24.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Pyrophoric lighter. 99,106; Mar. 31.
- Aronson, Louis V., assignor to Art Metal Works, Inc., Newark, N. J. Book end or similar article. 100,255; July 7.



- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Smoker's stand. 100,751; Aug. 11.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Smoker's stand. 100,752; Aug. 11.
- Arpels, Salomon dit C., assignor to Société Van Cleef & Arpels, Paris, France. Ring. 99,982; June 16.
- Arrow-Hart & Hegeman Electric Company, The. (See Hawkinson, John L., assignor.)
- Arrow Manufacturing Company. (See Guttman, John, assignor.)
- Artcraft Optical Co. (See Grom, Henry W., assignor.)
- Art Crayon Company. (See Weeks, Robert W., assignor.)
- Artman, Hazel I., St. Louis, Mo. Flower display holder. 100,934; Aug. 25.
- Art Metal Construction Company. (See Johnson, Carl A., assignor.)
- Art Metal Construction Company. (See Jones, James R., assignor.)
- Art Metal Works, Inc. (See Aronson, Louis V., assignor.)
- Art Metal Works, Inc. (See Kaupmann, Frederick, assignor.)
- Ashton, Pearl F., Providence, R. I., assignor to Ernest E. Weller, operating as E. E. Weller Co., Providence, R. I. Buckle. 102,024; Nov. 24.
- Ashton Valve Company, The. (See Baker, H. S., and Motherwell, assignors.)
- Associated Electric Laboratories, Inc. (See Matousek, Edward, assignor.)
- Astin, Joseph W., Atlanta, Ga. Dial or similar article. 101,021; Sept. 1.
- Atherton, Ray A., Oakland, Calif. Illuminated vanity case or the like. 102,348; Dec. 15.
- Atkins, Thomas R., Cliftondale, assignor to Colella and Leighton Shoe Company, Lynn, Mass. Shoe. 98,569; Feb. 18.
- Atkins, Thomas R., Cliftondale, assignor to Farina Chaves Shoe Company, Lynn, Mass. Shoe. 98,570; Feb. 18.
- Atkins, Thomas R., Cliftondale, assignor to Scholnick Shoe Company, Jamaica Plain, Mass. Shoe. 98,639; Feb. 18.
- Atkins, Thomas R., Cliftondale, assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 98,657; Feb. 25.
- Atkins, Thomas R., Cliftondale, assignor to Scholnick Shoe Co., Jamaica Plain, Mass. Shoe. 100,460; July 21.
- Atwood, James T., Rockford, Ill. Hinge. 99,756; May 19.
- Auburn Automobile Company. (See Buehrig, Gordon M., assignor.)
- Auburn Foundry, Inc. (See Fitch, Hurshel H., assignor.)
- Audino, Lorenzo, East Elmhurst, N. Y. Shoe or similar article. 98,748; Mar. 3.
- Audino, Lorenzo, East Elmhurst, N. Y. Shoe or similar article. 98,749; Mar. 3.
- Audino, Lorenzo, East Elmhurst, N. Y. Shoe or similar article. 98,750; Mar. 3.
- Audino, Lorenzo, East Elmhurst, N. Y. Shoe or similar article. 98,819; Mar. 10.
- Audino, Lorenzo, East Elmhurst, N. Y. Shoe or similar article. 98,820; Mar. 10.
- Audino, Lorenzo, East Elmhurst, N. Y. Shoe or similar article. 98,907; Mar. 17.
- Audino, Lorenzo, East Elmhurst, N. Y. Shoe or similar article. 98,989; Mar. 24.
- Audino, Lorenzo, East Elmhurst, N. Y. Shoe or similar article. 98,990; Mar. 24.
- Audino, Lorenzo, East Elmhurst, N. Y. Shoe or similar article. 99,178; Apr. 7.
- Aull, Harry, assignor to Friedberger-Aaron Manufacturing Company, Philadelphia, Pa. Elastic fabric or similar article. 99,983; June 16.
- Aull, Harry, assignor to Friedberger-Aaron Manufacturing Company, Philadelphia, Pa. Elastic fabric or similar article. 99,984; June 16.
- Aull, Harry, assignor to Friedberger-Aaron Manufacturing Company, Philadelphia, Pa. Elastic fabric or similar article. 99,985; June 16.
- Ault-Williamson Shoe Co. (See Baldwin, Haviland D., assignor.)
- Auslander, Henry, New York, N. Y. Belt for wearing apparel. 102,349; Dec. 15.
- Austin, Ellsworth W., assignor to La Plante-Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Earth moving device. 101,846; Nov. 10.
- Auth, Karl, Stratford, Conn. Candlestick base or similar article. 99,179; Apr. 7.
- Autographic Register Co. (See Brenn, C. W., and Johnson, assignors.)
- Automatic Musical Instrument Company. (See Andres, Lloyd J., assignor.)
- Auto Radiator Mfg. Co. (See Kirsch, Benjamin, assignor.)
- Auto Radiator Mfg. Co. (See Kirsch, B., and Medville, assignors.)
- Ayer, Marie L., Chicago, Ill. Game board or similar article. 98,793; Mar. 3.
- B and B Shoe Company. (See Golden, Louis F., assignor.)
- B. & T. Floor Company, The. (See Bonnell, William L., assignor.)
- Babcock, Alfred R., Chicago, Ill. Nonrepeating indicator. 98,381; Jan. 28.
- Babcock, Alfred R., Chicago, Ill. Nonrepeating indicator. 100,192; June 30.
- Babcock, Denison, New York, N. Y. Coin container. 99,693; May 19.
- Bach, Alfons, New York, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Rug. 98,489; Feb. 11.
- Bachmeyer, George J., Kalamazoo, Mich. Garment hanger. 98,710; Feb. 25.
- Bachmeyer, George J., Kalamazoo, Mich. Garment hanger. 100,461; July 21.
- Back, Robert, assignor to The Wah Company, Chicago, Ill. Mechanical lead pencil. 98,414; Feb. 4.
- Badger Meter Manufacturing Company. (See Miller, Jacob C., assignor.)
- Baer, Lawrence E., Attleboro, Mass., assignor to Swank Products, Inc. Cravat holder. 100,592; July 28.
- Baer, Lawrence E., Attleboro, Mass., assignor to Swank Products, Inc. Cravat holder. 100,593; July 28.
- Baer & Wilde Co., The. (See Howard, Viola T., assignor.)
- Bagur, Pierre E., New Orleans, La. Box. 98,472; Feb. 4.
- Bahr, Gustave F., Fairfield, Conn. Fender guide. 98,288; Jan. 28.
- Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Gear shift ball. 101,477; Oct. 6.
- Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Appliqué for fender flaps or similar article. 101,609; Oct. 20.
- Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Fender Guide. 101,831; Nov. 3.
- Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 101,832; Nov. 3.
- Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 101,833; Nov. 3.
- Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 101,834; Nov. 3.
- Bailey-Walker China Company, The. (See Walker, Albert M., assignor.)
- Bakelite Corporation. (See Chipman, Richmond L., Jr., assignor.)
- Bakelite Corporation. (See Ellingwood, Finley F., assignor.)
- Bakenhus, Herman E., Azusa, Calif. Boat. 100,144; June 23.
- Baker, Frank L., Tacoma, Wash. Fishing rod handle. 101,847; Nov. 10.
- Baker, Harry S., Arlington, and J. W. Motherwell, Melrose, assignors to The Ashton Valve Company, Cambridge, Mass. Illuminated gauge. 100,193; June 30.
- Baker, Harry S., Arlington, and J. W. Motherwell, Melrose, assignors to The Ashton Valve Company, Cambridge, Mass. Combined illumination housing and gauge. 100,837; Aug. 18.
- Baker, Harry S., Arlington, and J. W. Motherwell, Melrose, assignors to The Ashton Valve Company, Cambridge, Mass. Combined gauge and illumination housing. 100,838; Aug. 18.
- Baker, Herman F., Fort Worth, Tex. Traffic sign. 101,727; Oct. 27.
- Baker Perkins Company. (See Lasch, A., and Frei, assignors.)
- Baker, Ray H., Detroit, Mich. Sign. 102,121; Dec. 1.
- Baker, Robert E., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Top for a dispensing refrigerator. 98,751; Mar. 3.
- Baker, Sylvester A., San Francisco, Calif. Candlestick lighting fixture. 101,204; Sept. 15.
- Baker, Walter & Company. (See Gager, Curtis H., assignor.)
- Baldwin Company, The. (See Day, Wilbur M., assignor.)
- Baldwin, Haviland D., Auburn, Maine. Shoe. 98,289; Jan. 28.
- Baldwin, Haviland D., assignor to Ault-Williamson Shoe Co., Auburn, Maine. Shoe. 98,744; Feb. 25.
- Baldwin, Haviland D., assignor to Ault-Williamson Shoe Co., Auburn, Maine. Shoe. 101,099; Sept. 8.
- Baldwin-Southwark Corporation. (See Dinzel, Richard W., assignor.)
- Balish, George, New York, N. Y. Tablecloth or similar article. 101,157; Sept. 8.
- Balish, George, New York, N. Y. Scarf or similar article. 101,158; Sept. 8.
- Ball, Arthur T., Wallingford, Conn. Combined cigarette package holder and ashtray. 101,437; Oct. 6.
- Ball Brothers Company. (See Mackelfresh, William E., Jr., assignor.)
- Ball Brothers Company. (See Petty, Fred J., assignor.)
- Ball, Charles W., North Attleboro, Mass., assignor to Marathon Company. Display device. 99,180; Apr. 7.
- Ball, Percy B., North Attleboro, assignor to The Watson Company, Attleboro, Mass. Spoon or similar article. 101,761; Nov. 3.
- Ballou, Howard M. and C. A. Joslin, assignors to B. Blackington & Co., North Attleboro, Mass. Spoon or similar article. 98,135; Jan. 14.
- Baltimore Pure Rye Distilling Company, The. (See Strouse, Isaac, assignor.)
- Balton, James, assignor of one-fourth to J. Shapiro, Baltimore, Md.; one-fourth to I. Shapiro, Chicago, Ill.; one-fourth to N. Shapiro, and one-fourth to S. Shapiro, Chelsea, Mass. Ice cream cone. 98,821; Mar. 10.
- Bancroft, Albert F., Newton, Mass. Shoe. 99,260; Apr. 14.
- Bancroft, Albert F., Newton, assignor to Bancroft-Walker Company, Waltham, Mass. Shoe. 100,309; July 7.
- Bancroft, Albert F., Newton, assignor to Bancroft-Walker Company, Waltham, Mass. Shoe. 101,205; Sept. 15.



- Bancroft, Edward E., West Warwick, R. I., assignor to Acme Textiles Co. Inc., New York, N. Y. Lace. 99,338; Apr. 21.
- Bancroft, Edward E., West Warrick, R. I. Lace. 102,491; Dec. 22.
- Bancroft, John, Jr., Wilmington, Del. Novelty Thermometer. 102,175; Dec. 1.
- Bancroft-Walker Company. (See Arkin, Bertha.)
- Bancroft-Walker Company. (See Bancroft, Albert F., assignor.)
- Bancroft-Walker Company. (See Borda, Pasquale, assignor.)
- Bancroft-Walker Company. (See Davies, Josephine, assignor.)
- Bancroft-Walker Company. (See Jayne, Bennett, assignor.)
- Bancroft-Walker Company. (See Lorman, Philip, assignor.)
- Bancroft-Walker Company. (See McGee, Joseph, assignor.)
- Bancroft Walker Company. (See Vamos, Alfred, assignor.)
- Bannister, Albert R., Sunbury-on-Thames, assignor to British Emulsifiers, Limited, Teddington, England. Emulsifying machine frame or the like. 98,571; Feb. 18.
- Barbagallo, Nancy, New York, N. Y. Apron or similar article. 99,694; May 19.
- Barber, Charles E., assignor to Chicago Musical Instrument Co., Chicago, Ill. Accordion key. 101,438; Oct. 6.
- Barbey, Jean W., St. Davids, Pa. Shoe. 99,986; June 16.
- Barbey, Jean W., St. Davids, Pa. Shoe. 100,344; July 7.
- Barbiers, Ferdinand S., assignor to General Glass Corporation, Lancaster, Ohio. Bottle. 98,382; Jan. 28.
- Barclay, Spencer H., North Arlington, N. J. Cabinet for automatic phonographs. 100,681; Aug. 4.
- Bard-Parker Company. (See Parker, M., and Ladd, assignors.)
- Bardet, Germaine, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 102,311; Dec. 8.
- Bardstown Distillery, Inc. (See Neumann, Charles A., assignor.)
- Barker Bros. Incorporated. (See Pumphrey, Marshall C., assignor.)
- Barker Shoe Company. (See Foster, Benjamin H., assignor.)
- Barling, B., & Sons. (See Barling, Montague H., assignor.)
- Barling, Montague H., Camden Town, London, assignor to the firm B. Barling & Sons, London, England. Tobacco pipe. 98,046; Jan. 7.
- Barnett, Jack, Brooklyn, N. Y. Slipper or similar article. 100,935; Aug. 25.
- Barney, Arthur L., assignor to Tiffany & Company, New York, N. Y. Spoon or analogous article. 100,357; July 14.
- Barnham Dispenser Company. (See Barnhart, Watson F., assignor.)
- Barnhart, George E., Pasadena, Calif. Golf club. 101,265; Sept. 22.
- Barnhart, Watson F., assignor to Barnham Dispenser Company, Milwaukee, Wis. Tomato juice dispenser. 102,408; Dec. 22.
- Barnstone, Robert C. (See Herbst, Alexander, assignor.)
- Barocas, Abraham J., Brooklyn, N. Y. Wreath. 98,658; Feb. 25.
- Barrett, Colin D., Watertown, Conn., assignor to Hookless Fastener Company, Meadville, Pa. Pull for slide fasteners. 100,839; Aug. 18.
- Barrett, Colin D., Watertown, Conn., assignor to Hookless Fastener Company, Meadville, Pa. Pull for slide fasteners. 100,840; Aug. 18.
- Barrett, Colin D., Watertown, Conn., assignor to Hookless Fastener Company, Meadville, Pa. Pull for slide fasteners. 100,841; Aug. 18.
- Barrett, Colin D., Watertown, Conn., assignor to Hookless Fastener Company, Meadville, Pa. Pull for slide fasteners. 100,842; Aug. 18.
- Barrett, Colin D., Watertown, assignor to Scovill Manufacturing Company, Waterbury, Conn. Flashlight casing. 101,929; Nov. 17.
- Barrett, Colin D., Watertown, assignor to Scovill Manufacturing Company, Waterbury, Conn. Flashlight head shell. 101,930; Nov. 17.
- Barrett, Colin D., Watertown, assignor to Scovill Manufacturing Company, Waterbury, Conn. Flashlight casing. 101,979; Nov. 17.
- Barrett, Colin D., Watertown, assignor to Scovill Manufacturing Company, Waterbury, Conn. Flashlight head shell. 102,017; Nov. 17.
- Barrett, Colin D., Watertown, assignor to Scovill Manufacturing Company, Waterbury, Conn. Flashlight. 102,073; Nov. 24.
- Bartson, Albert J., Ridgewood, N. J. Textile fabric. 101,931; Nov. 17.
- Bartson, Albert J., Ridgewood, N. J. Textile fabric. 101,932; Nov. 17.
- Basser, William A., New York, N. Y. Printed fabric. 102,116; Nov. 24.
- Bassick Company, The. (See Herold, Walter F., assignor.)
- Bassick Company, The. (See Martin, Raymond H., assignor.)
- Bate, Joseph R., assignor to Invincible Metal Furniture Company, Manitowoc, Wis. Table or similar article. 101,100; Sept. 8.
- Bate, Joseph R., assignor to Invincible Metal Furniture Company, Manitowoc, Wis. Desk or similar article. 101,848; Nov. 10.
- Bates, Arthur, North Attleboro, Mass., assignor to Evans Case Company. Box or the like. 100,145; June 23.
- Bates, Hamilton C., Chester, Conn. Combined display and carrying case. 99,987; June 16.
- Bathke, Edwin E. (See Inglis, W. A., and Bathke.)
- Batté, Thomas A., and W. W. Carpenter, Los Angeles, Calif. Lady's shoe receptacle. 101,266; Sept. 22.
- Battery Patents Corporation. (See Henry, Harry H., assignor.)
- Battery Patents Corporation. (See Lewis, George S., assignor.)
- Battery Patents Corporation. (See Pease, Earl E., assignor.)
- Bauer Type Foundry, Inc. (See Reiner, Imre, assignor.)
- Baum, Charles, Woodmere, N. Y. Dress. 98,415; Feb. 4.
- Baum, Greta, New York, N. Y. Blouse. 99,386; Apr. 21.
- Baum, Greta, New York, N. Y. Blouse. 100,979; Aug. 25.
- Baum, Louis, New York, N. Y. Dress. 102,492; Dec. 22.
- Baumer, Norbert J., Baltimore, Md. Candle. 100,611; Aug. 4.
- Bausch & Lomb Optical Company. (See Bouchard, Samuel E., assignor.)
- Bausch & Lomb Optical Company. (See Fassin, Gustave, assignor.)
- Bausch & Lomb Optical Company. (See Miles, John R., assignor.)
- Baxley, Bobby L., Hensley, Ark. Lamp body or similar article of manufacture. 100,358; July 14.
- Baxter, Robert, assignor to Prince Matchabelli Perfumery, Inc., New York, N. Y. Powder and perfume container. 100,594; July 28.
- Bayar, Harry, New York, N. Y. Compact case. 99,153; Mar. 31.
- Baylis, Robert N., Caldwell, N. J., assignor to Smokador Manufacturing Co., Inc., Bloomfield, N. J. Ash stand. 99,924; June 9.
- Bayreuther, Karl, Selb, Germany, assignor to The Rosenthal China Corporation, New York, N. Y. Teacup or similar article. 102,350; Dec. 15.
- Bay State Optical Company. (See Nerney, George E., assignor.)
- Beall, Wellwood E. (See Minshall, R. J., and Beall.)
- Bear, William L., and G. R. Walker, Dayton, Ohio. Non-glare reflector. 102,540; Dec. 29.
- Beardsley, Claude W., San Diego, Calif. Combination pencil container and clamp. 99,428; Apr. 28.
- Beardsley, Claude W., San Diego, Calif. Running board cover. 100,682; Aug. 4.
- Beardsley & Wolcott Manufacturing Company, The. (See Le Breux, Louis, assignor.)
- Beardsley & Wolcott Manufacturing Company, The. (See Schuster, Otto, assignor.)
- Beaudoux, George, Dallas, Tex. Casing for an ice shaving machine. 100,407; July 14.
- Baumont, Leon, Los Angeles, Calif. Radio table head. 101,665; Oct. 20.
- Beck, George A., Bridgeport, Conn., assignor to General Electric Company, New York, N. Y. Escutcheon plate. 100,194; June 30.
- Beck, Morris B., Woodmere, N. Y. Spotlight. 98,047; Jan. 7.
- Beckett, William H., and A. G. Horvath, assignors to The Dayton Pump & Mfg. Company, Dayton, Ohio. Combined motor and pump. 99,261; Apr. 14.
- Beckman, Clarence P., Scarsdale, N. Y., assignor to Standard Brands Incorporated, New York, N. Y. Bag or analogous article. 98,822; Mar. 10.
- Beckman, Clarence P., Scarsdale, N. Y., assignor to Standard Brands Incorporated, New York, N. Y. Bag or analogous article. 98,823; Mar. 10.
- Becvar, Joseph, Wickliffe, assignor to The Cleveland Co-operative Stove Company, Cleveland, Ohio. Combined back splash panel and lighting unit for cooking ranges. 102,541; Dec. 29.
- Beeston, Charles W., assignor to Eastern Laboratories, Incorporated, New York, N. Y. Multiple service hair drier apparatus. 98,208; Jan. 21.
- Behnke, Sadie L., Cicero, Ill. Medal. 99,387; Apr. 21.
- Behrel, Giraud W., Chicago, and H. Tyson, Oak Park, assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Service bar back counter. 101,689; Oct. 27.
- Beitman, Albert B., Cleveland Heights, assignor to The French Renovating Company, Cleveland, Ohio. Scrubbing machine. 101,322; Sept. 29.
- Bell, Elmer, assignor to Bryce Brothers Company, Mount Pleasant, Pa. Footed goblet or similar article. 98,659; Feb. 25.
- Bell, Elmer, assignor to Bryce Brothers Company, Mount Pleasant, Pa. Stemmed goblet or similar article. 98,909; Mar. 17.
- Bell, Elmer, assignor to Bryce Brothers Company, Mount Pleasant, Pa. Goblet or similar article. 99,107; Mar. 31.
- Bell, Elmer, assignor to Bryce Brothers Company, Mount Pleasant, Pa. Stemmed goblet or similar article. 99,181; Apr. 7.
- Bell Telephone Laboratories, Incorporated. (See Marshall, Robert N., assignor.)
- Bellamy, William D., assignor to O. T. Brightwell, Henderson, Tex. Electric roll baker or similar article. 100,195; June 30.



- Belmont Radio Corporation. (See Marholz, Richard C., assignor.)
- Ben-Burk, Inc. (See Berkowitz, Hyman C., assignor.)
- Bender Body Co. et al. (See Naegele, Ray W., assignor.)
- Bendix Aviation Corporation. (See Friez, Lucien L., assignor.)
- Benfrey Dress Co. (See Dallanegra, Ada, assignor.)
- Beniston, William J., Seaford, N. Y., assignor to Julius Kayser & Co., New York, N. Y. Knitted fabric. 98,992; Mar. 24.
- Beniston, William J., Seaford, N. Y. Textile fabric or similar article. 100,536; July 28.
- Benjamin, Benjamin, Freeport, N. Y. Shoe. 99,154; Mar. 31.
- Benjamin, Benjamin, Freeport, N. Y. Shoe. 100,083; June 23.
- Benjamin, Benjamin, Freeport, N. Y. Shoe. 102,320; Dec. 15.
- Benjamin, Benjamin, Freeport, N. Y. Shoe. 102,321; Dec. 15.
- Benjamin Electric Mfg. Company. (See McBroom, Clyde V., assignor.)
- Bennett, Arthur J., Cambridge, Ohio. Goblet or similar article. 98,490; Feb. 11.
- Bennett, Arthur J., Cambridge, Ohio. Goblet or similar article. 98,794; Mar. 3.
- Bennett, Arthur J., Cambridge, Ohio. Plate or similar article. 98,825; Mar. 10.
- Bennett, Arthur J., Cambridge, Ohio. Bowl or similar article. 98,993; Mar. 24.
- Bennett, Harry, New York, N. Y. Balance. 98,977; Mar. 17.
- Bennett, Harry, New York, N. Y. Stirrer. 101,610; Oct. 20.
- Bennett, Stevens A., assignor to Wilson & Bennett Manufacturing Company, Chicago, Ill. Can or similar container. 101,728; Oct. 27.
- Bentley, William T., Cleveland Heights, Ohio. Drain cock. 101,517; Oct. 13.
- Benton, Wallace H., assignor to The Selby Shoe Company, Portsmouth, Ohio. Shoe. 99,429; Apr. 28.
- Berg, Hans, Grand Rapids, Mich., assignor to Fairbanks-Morse Home Appliances, Inc., Chicago, Ill. Radio cabinet. 101,611; Oct. 20.
- Bergaud, Félicie E. A. W., Paris, France. Mirror or similar article. 102,409; Dec. 22.
- Bergen, George W. (See Joeck, T. D., and Bergen.)
- Berger, Theodore M., Ridgefield, N. J. Embroidered textile fabric. 99,654; May 12.
- Berk, Harry, New York, N. Y., assignor to Colella & Leighton Shoe Co., Lynn, Mass. Shoe. 99,108; Mar. 31.
- Berkowitz, Hyman C., assignor to Ben-Burk, Inc., Boston, Mass. Bottle. 98,711; Feb. 25.
- Berkowitz, Hyman C., assignor to Ben-Burk, Inc., Boston, Mass. Bottle. 99,339; Apr. 21.
- Berkshire Knitting Mills. (See Hemmerich, Hugo, assignor.)
- Berkshire Knitting Mills. (See Miller, Henry D., assignor.)
- Berkson, George, Chicago, Ill. Automotive vehicle hood ridge ornament. 101,577; Oct. 13.
- Berlin, Maurice H., assignor to Chicago Musical Instrument Company, Chicago, Ill. Piano accordion. 100,753; Aug. 11.
- Berlin, Maurice H., assignor to Chicago Musical Instrument Company, Chicago, Ill. Piano accordion treble mechanism cover. 100,980; Aug. 25.
- Berman, Adolph, New York, N. Y. Illuminated display stand for bottles. 102,542; Dec. 29.
- Berman, Israel, Little Falls, N. Y. Slipper. 99,695; May 19.
- Berman, Israel, Little Falls, N. Y. Slipper. 99,696; May 19.
- Berman, Israel, Little Falls, N. Y. Slipper. 100,196; June 30.
- Berman, Israel, Little Falls, N. Y. Slipper. 100,843; Aug. 18.
- Berman, Israel, Little Falls, N. Y. Shoe. 102,122; Dec. 1.
- Berman, Israel, Little Falls, N. Y. Shoe. 102,123; Dec. 1.
- Berman, Israel, Little Falls, N. Y. Shoe. 102,124; Dec. 1.
- Berman, Israel, Little Falls, N. Y. Shoe. 102,125; Dec. 1.
- Berman, Sam, New York, N. Y., assignor to Lambert Pharmacal Company, Wilmington, Del. Statuette or similar article. 100,359; July 14.
- Berman, Sam, New York, N. Y., assignor to Lambert Pharmacal Company, Wilmington, Del. Statuette or similar article. 100,360; July 14.
- Bernhardt, Rudolph, Chicago, Ill. Pump. 98,976; Mar. 17.
- Bernheim, Richard, New York, N. Y., assignor to R. Neumann & Company, Hoboken, N. J. Leather. 99,567; May 12.
- Bernstein, Irving H., and M. Presslaff, New York, N. Y. Gilet. 99,182; Apr. 7.
- Bernstein, Jesse L. (See Hornung, C. P., and Bernstein.)
- Bernstein, Maurice J., Brighton, assignor to Panther-Panco Rubber Co. Inc., Chelsea, Mass. Shoe sole. 100,408; July 14.
- Berthold, Richard E., assignor to Platinum Products Company, Inc., New York, N. Y. Cigarette lighter. 98,136; Jan. 14.
- Bessonett, Leland S., San Francisco, H. A. McKim, Burlingame, Calif., and F. A. Selje, Detroit, Mich., assignors to Standard Oil Company of California, San Francisco, Calif. Truck tank. 102,351; Dec. 15.
- Betner, Benj. C., Co. (See Darr, Harold W., assignor.)
- Betner, Benj. C., Co. (See Dowdell, William B., assignor.)
- Bevelacqua, Salvatore, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Settee. 98,137; Jan. 14.
- Bevelacqua, Salvatore, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Table. 98,138; Jan. 14.
- Beyer, Haim, assignor to Cornell-Dubilier Corporation, New York, N. Y. Electrical condenser. 99,850; June 2.
- Bick, Alexander F., Milwaukee, Wis., assignor to Line Material Company, South Milwaukee, Wis. Street lighting fixture. 100,811; Aug. 11.
- Bickel, Frederic J., assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Floor brush. 99,109; Mar. 31.
- Bickel, Frederic J., assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Counter brush. 99,110; Mar. 31.
- Bickel, Frederic J., assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Window brush. 99,111; Mar. 31.
- Bickel, Frederic J., assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Scratch brush. 101,729; Oct. 27.
- Bicks, Jean W., Chicago, Ill., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 99,064; Mar. 24.
- Biddle, Stephen N. M., New York, N. Y. Lace. 99,851; June 2.
- Biddle, Stephen N. M., New York, N. Y. Lace. 99,972; June 9.
- Biddle, William P., Jr. (See Miller, J. B., and Biddle.)
- Bienenstein, Andreas, assignor to The Conklin Pen Company, Toledo, Ohio. Clip for a fountain pen or the like. 99,262; Apr. 14.
- Bigelow Sanford Carpet Co. (See Bach, Alfons, assignor.)
- Bigney, S. O., & Company. (See Bigney, Sidney O., assignor.)
- Bigney, Sidney O., Attleboro, Mass., assignor to S. O. Bigney & Company. Bracelet. 98,910; Mar. 17.
- Billar, David J., University City, Mo., assignor to Day-Brite Reflector Company, St. Louis, Mo. Light fixture. 100,981; Aug. 25.
- Billhimer, Levi, New Madison, Ohio. Carton opener. 98,994; Mar. 24.
- Billups, William A., Grenada, Miss. Crossing signal. 101,206; Sept. 15.
- Bingham Stamping & Tool Company, The. (See Snell, Samuel A., assignor.)
- Binks Manufacturing Company. (See Bramsen, S., and Wahlin, assignors.)
- Birch, William T., Chicago, Ill. Valve. 99,538; May 5.
- Bird, Kenneth A., and E. E. Farley, Pocatello, Idaho. Christmas tree holder. 102,220; Dec. 1.
- Bird, Martha E., South Gate, assignor to Wallace China Co., Ltd., Vernon, Calif. Plate or similar article. 100,844; Aug. 18.
- Birdseye Electric Corporation. (See Lamb, Thomas, assignor.)
- Birnbach Radio Company, Inc. (See Wertheimer, Samuel M., assignor.)
- Birnbaum, Leon, New York, N. Y. Lace. 98,452; Feb. 4.
- Birnbaum, Leon, New York, N. Y. Lace. 100,522; July 21.
- Birnbaum, Leon, New York, N. Y. Lace. 100,595; July 28.
- Birnbaum, Leon, New York, N. Y. Lace. 100,725; Aug. 4.
- Birnbaum, Leon, New York, N. Y. Lace. 102,074; Nov. 24.
- Birnbaum, Leon, New York, N. Y. Lace. 102,493; Dec. 22.
- Birnbaum, Leon, New York, N. Y. Lace. 102,494; Dec. 22.
- Birnbaum, Leon, New York, N. Y. Lace. 102,495; Dec. 22.
- Birnbaum, Leon, New York, N. Y. Lace. 102,496; Dec. 22.
- Birnbaum, Leon, New York, N. Y. Lace. 102,497; Dec. 22.
- Birren, Faber, assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Bowling alley settee. 99,774; May 26.
- Birren, Faber, assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Bowling alley newel post. 100,084; June 23.
- Bischof, George, New York, N. Y. Embroidered textile fabric. 98,491; Feb. 11.
- Bischof, George, New York, N. Y. Embroidered textile fabric. 98,640; Feb. 18.
- Bischof, George, New York, N. Y. Embroidered textile fabric. 98,712; Feb. 25.
- Bishop Company, The. (See Bishop, Frederick R., assignor.)
- Bishop, Frederick R., assignor to The Bishop Company, North Attleboro, Mass. Spectacle front. 102,313; Dec. 8.
- Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Traffic signal casing. 98,995; Mar. 24.
- Bitterli, John A., Chicago, Ill. Toy. 99,852; June 2.
- Biva, Lucien, assignor to O. Timme, doing business as E. F. Timme & Son, New York, N. Y. Rug. 101,159; Sept. 8.



- Biva, Lucien, assignor to O. Timme, doing business as E. F. Timme & Son, New York, N. Y. Rug. 101,318; Sept. 22.
- Biva, Lucien, assignor to Otto Timme, doing business as E. F. Timme & Son, New York, N. Y. Rug. 101,319; Sept. 22.
- Biva, Lucien, assignor to O. Timme, doing business as E. F. Timme & Son, New York, N. Y. Rug. 101,323; Sept. 29.
- Blackburn, Ernest, Pittsburgh, Pa. Bracelet. 101,022; Sept. 1.
- Blackinton, R., & Co. (See Ballou, H. M., and Joslin, assignors.)
- Blackinton, R., & Co. (See Joslin, Charles A., assignor.)
- Blackinton, Walter T., Detroit, Mich. Combination dining plate and service tray. 101,730; Oct. 27.
- Blackstone, Jack J., New York, N. Y. Embroidered net. 102,103; Nov. 24.
- Blackstone, Jack J., New York, N. Y. Textile fabric. 102,221; Dec. 1.
- Blackstone, Jack J., New York, N. Y. Embroidered net. 102,222; Dec. 1.
- Blackstone, Jack J., New York, N. Y. Textile fabric. 102,247; Dec. 8.
- Blackstone, Jack J., New York, N. Y. Textile fabric. 102,352; Dec. 15.
- Blackstone, Jack J., New York, N. Y. Embroidered net. 102,463; Dec. 22.
- Blackstone, Jack J., New York, N. Y. Embroidered textile fabric. 102,475; Dec. 22.
- Blackstone, Jack J., New York, N. Y. Embroidered textile fabric. 102,476; Dec. 22.
- Blackstone, Jack J., New York, N. Y. Embroidered textile fabric. 102,477; Dec. 22.
- Blanchard, Edwin S., Cambridge, Mass. Sheet metal snap fastener cap. 98,209; Jan. 21.
- Blau, Henry H., Charleroi, Pa. Glass plate or similar article. 101,612; Oct. 20.
- Blayney, Wilson L., assignor to Marshall Field & Co. Inc., New York, N. Y. Textile fabric or similar article. 100,982; Aug. 25.
- Blayney, Wilson L., assignor to Marshall Field & Co. Inc., New York, N. Y. Textile fabric or similar article. 100,983; Aug. 25.
- Blayney, Wilson L., assignor to Marshall Field & Co. Inc., New York, N. Y. Textile fabric or similar article. 100,984; Aug. 25.
- Blazey, Lawrence, Cleveland, Ohio, assignor to Zenith Radio Corporation, Chicago, Ill. Radio cabinet. 100,146; June 23.
- Blecinski, Branny, Methuen, Mass. Combination tail and signal light. 102,075; Nov. 24.
- Block, Claudia, New York, N. Y. Dress or similar article. 98,492; Feb. 11.
- Block, Harold, New York, N. Y. Child's coat. 98,996; Mar. 24.
- Block, Harold, New York, N. Y. Child's coat. 101,324; Sept. 29.
- Block, Samuel J., assignor to Steel Kitchens Corporation, Connersville, Ind. Cabinet. 98,048; Jan. 7.
- Blomberg, Martin P. (See Adams, E. E., Blomberg, Mussey, and Stout.)
- Bloser, Parker Z., Columbus, Ohio. Mechanical lead pencil or article of similar nature. 100,845; Aug. 18.
- Blow, George W., New York, N. Y., assignor to Western Clock Company, Peru, Ill. Combined paper weight, clock, calendar, and support therefor. 98,049; Jan. 7.
- Blu, Marshall A., assignor to Sears, Roebuck and Co., Chicago, Ill. Wash basin. 100,310; July 7.
- Bluestein, Milton J., assignor to Plymouth Shops, Inc., New York, N. Y. Store front. 99,340; Apr. 21.
- Blum, Monroe M., New York, N. Y. Bottle. 98,911; Mar. 17.
- Blum, Morris, Brooklyn, N. Y. Game board. 99,263; Apr. 14.
- Blumenthal, Alexander E., Pittsburgh, Pa. Card illuminating fixture. 98,912; Mar. 17.
- Bobroff, Barnett L., Racine, Wis. Signal lamp for automotive vehicles. 101,666; Oct. 20.
- Bocchino, Ernest, Clifton, N. J. Display card for dolls. 100,913; Aug. 18.
- Bodenhofer, Ferdinand, New York, N. Y. Loose leaf binder plate. 100,085; June 23.
- Bodine, Walton M., and W. C. Marshall, Kansas City, Mo. Display rack. 99,539; May 5.
- Boehme, John, assignor to Star Engraving Company, Houston, Tex. Finger ring. 101,267; Sept. 22.
- Boeing Aircraft Company. (See Minshall, R. J., and Beall, assignors.)
- Boeing Aircraft Company. (See Monteith, C. N., and Emery, assignors.)
- Boepple, Hans, New York, N. Y. Sweater. 102,248; Dec. 8.
- Boepple, Hans, New York, N. Y. Sweater. 102,249; Dec. 8.
- Bohannon, Lloyd J., Kansas City, Mo. Combination weiner roasting apparatus and display housing. 98,290; Jan. 28.
- Boisvert, Napoléon H., Cambridge, Mass. Combined bookcase, radio, stationary compartment, liquor compartment, clock and lamp, or similar article. 99,655; May 12.
- Bomgardner, Homer P., assignor to Bomgardner Manufacturing Company, Lakewood, Ohio. Casket bier or similar article. 101,731; Oct. 27.
- Bomgardner Manufacturing Company. (See Bomgardner, Homer P., assignor.)
- Bond Electric Corporation. (See Olanoff, Nathaniel M., assignor.)
- Bond, Willard H., Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 99,341; Apr. 21.
- Bond, Willard H., Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 99,592; May 12.
- Bond, Willard H., Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 99,593; May 12.
- Bond, Willard H., Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 100,537; July 28.
- Bonnell, William L., assignor to The B. & T. Floor Company, Columbus, Ohio. Butt edging strip or similar article. 101,762; Nov. 3.
- Bonnett, John, Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Toy weapon. 100,683; Aug. 4.
- Booth, Earl C., Columbus, Ind. Casing for an automobile-body heater or similar article. 101,849; Nov. 10.
- Booth, William H., assignor to The American Hardware Corporation, New Britain, Conn. Padlock. 99,112; Mar. 31.
- Boothby, Donald D., assignor to Air Devices Corporation, Chicago, Ill. Air-conditioning unit. 100,538; July 28.
- Borden Company, The. (See Flannery, Vaughn, assignor.)
- Borda, Pasquale, Brooklyn, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. 98,291; Jan. 28.
- Borda, Pasquale, Brooklyn, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. 98,292; Jan. 28.
- Borda, Pasquale, Brooklyn, N. Y., assignor to Bancroft Walker Company, Waltham, Mass. Shoe. 100,846; Aug. 18.
- Borda, Pasquale, Brooklyn, N. Y., assignor to Bancroft Walker Company, Waltham, Mass. Shoe. 100,847; Aug. 18.
- Bosehans, Henry, Fair Lawn, N. J., assignor to Print Textile Corporation. Silk crepe dress goods or similar article. 98,997; Mar. 24.
- Bosco, Inez C., New York, N. Y. Dress. 101,667; Oct. 20.
- Bossard, Gisbert L., Dayton, Ohio. Chime or similar article. 101,101; Sept. 8.
- Boston Woven Hose and Rubber Company. (See Kramer, Howard A., assignor.)
- Botany Worsted Mills. (See Gaul, John F., Jr., assignor.)
- Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Lens strap. 99,775; May 26.
- Bowen, Thomas B., Huntington, W. Va. Necktie holder or similar article. 102,410; Dec. 22.
- Bowen, William F., North Attleboro, Mass., assignor to Evans Case Company. Combined vanity case and smoker's receptacle or the like. 99,264; Apr. 14.
- Bowen, William F., North Attleboro, Mass., assignor to Evans Case Company. Combined cigarette case and lighter or the like. 99,496; May 5.
- Bowen, William F., North Attleboro, Mass., assignor to Evans Case Company. Handbag or the like. 101,850; Nov. 10.
- Bower, Dorothy J., Brooklyn, N. Y. Dressing table. 101,102; Sept. 8.
- Bowker, William, Newark, and R. P. Piperoux, Radburn, N. J., assignors to Celluloid Corporation. Fountain pen. 98,493; Feb. 11.
- Bowker, William, Newark, and R. P. Piperoux, Radburn, N. J., assignors to Celluloid Corporation. Fountain pen. 99,183; Apr. 7.
- Bowker, William, Union, N. J., assignor to Celluloid Corporation. Plastic sheet or similar article. 102,250; Dec. 8.
- Bowker, William, Union, N. J., assignor to Celluloid Corporation. Plastic sheet or similar article. 102,251; Dec. 8.
- Bowser, S. F., & Company. (See Hutchison, William M., assignor.)
- Boyce, Howard H., Clarksburg, W. Va. Pitcher. 101,207; Sept. 15.
- Boynton, Earl S., East Orange, N. J. Bicycle. 100,684; Aug. 4.
- Boysen, George D., Philadelphia, Pa. Lace. 98,106; Jan. 7.
- Boysen, George D., Philadelphia, Pa. Lace. 98,494; Feb. 11.
- Boysen, George D., Philadelphia, Pa. Lace. 98,641; Feb. 18.
- Boysen, George M., Philadelphia, Pa. Lace. 100,243; June 30.
- Boysen, George M., Philadelphia, Pa. Lace. 100,244; June 30.
- Boysen, George M., Philadelphia, Pa. Lace. 100,523; July 21.
- Boysen, George M., Philadelphia, Pa. Lace. 100,524; July 21.
- Bradbury, William T., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Oil burning cook stove. 98,572; Feb. 18.
- Bradbury, William T., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Oil burning cook stove. 98,573; Feb. 18.



- Bradbury, William T., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Oil burning cook stove. 98,574; Feb. 18.
- Bradbury, William T., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Oil burning cook stove. 98,642; Feb. 18.
- Bradley, Everett, Haverhill, Mass. Shoe. 99,497; May 5.
- Bradley, Everett, Haverhill, Mass. Shoe. 100,361; July 14.
- Bramsen, Svend, and F. W. Wahlin, assignors to Binks Manufacturing Company, Chicago, Ill. Spray gun. 99,473; Apr. 28.
- Brand, Albert S., Boston, and D. J. La France, assignors to The Carter's Ink Company, Cambridge, Mass. Combination desk-unit. 98,913; Mar. 17.
- Brand, Albert S., Boston, and D. J. La France, assignors to The Carter's Ink Company, Cambridge, Mass. Combination desk unit. 101,268; Sept. 22.
- Brandies, Harold, Chicago, Ill. Radiator ornament. 99,988; June 16.
- Brandies, Harold, Chicago, Ill. Automobile radiator ornament. 99,989; June 16.
- Brandt, Sade I., Brooklyn, N. Y. Ensemble dress. 101,851; Nov. 10.
- Braude, Ben, Chicago, Ill. Globe pendulum clock. 99,999; June 16.
- Braun, Carl C., New York, N. Y., assignor to Reed & Barton, Taunton, Mass. Spoon or similar article. 100,848; Aug. 18.
- Braun, Julius, Union, N. J., assignor to Abelson & Braun, Newark, N. J. Finger ring. 99,925; June 9.
- Braun, Julius, Union, N. J., assignor to Abelson & Braun, Newark, N. J. Finger ring. 100,147; June 23.
- Braun, Julius, Union, N. J., assignor to Abelson & Braun, Newark, N. J. Guarded finger ring. 100,148; June 23.
- Braun, Julius, Union, N. J., assignor to Abelson & Braun, Newark, N. J. Finger ring. 100,754; Aug. 11.
- Braun, Marcel M., Chicago, Ill. Shoe or similar article. 98,998; Mar. 24.
- Braun, Marcel M., Chicago, Ill. Shoe or similar article. 99,173; Mar. 31.
- Brazell, John J., assignor to E. L. Thompson Chair Corporation, Baldwinsville, Mass. High chair tray. 99,853; June 2.
- Brecht, George F., Richmond Hill, N. Y. Cuff link. 102,177; Dec. 1.
- Brede, William S., Minneapolis, Minn. Billboard. 100,086; June 23.
- Breen, Frederick M., assignor to Dictograph Products Company, Inc., New York, N. Y. Radio receiving cabinet. 101,980; Nov. 17.
- Breen, Mable J., Denver, Colo. Gummed seal or similar article. 101,763; Nov. 3.
- Brenn, Carl W., Montclair, N. J., and A. A. Johnson, Bridgeport, Conn., assignors to Autographic Register Co., Hoboken, N. J. Autographic register. 100,462; July 21.
- Brennan, Patrick J., assignor to Edw. Fox Baking Co., Inc., York, Pa. Roll or similar article. 99,669; May 19.
- Brennan, Patrick J., assignor to Edw. Fox Baking Co., Inc., York, Pa. Roll or similar article. 99,670; May 19.
- Brennan, Patrick J., assignor to Edw. Fox Baking Co., Inc., York, Pa. Roll or similar article. 99,671; May 19.
- Brennan, Patrick J., assignor to Edw. Fox Baking Co., Inc., York, Pa. Roll or similar article. 99,697; May 19.
- Brenner, George M., Oak Park, Ill. Bottle. 99,617; May 12.
- Brenowitz, Joseph, and I. Gottlieb, New York, N. Y. Candle holder. 101,933; Nov. 17.
- Breslauer, Martin S., & Co. (See Fordyce, Charles L., assignor.)
- Bressler, Albert M., New York, N. Y. Sandal. 102,305; Dec. 8.
- Brewer, Chas. A., & Sons. (See Brewer, Nelson C., assignor.)
- Brewer, Harold P., Hartford, Conn., assignor to Maison Joubert, Inc., New York, N. Y. Container closure. 100,936; Aug. 25.
- Brewer, Nelson C., assignor to Chas. A. Brewer & Sons, Chicago, Ill. Embossed hot dish mat or similar article. 100,197; June 30.
- Brezner, Nathan, Newton, Mass. Leather or similar article. 9,990; June 16.
- Bridge, George L., Clayton, Mo. Space heater. 99,594; May 12.
- Bridgeport Hardware Manufacturing Corporation. (See Bryant, Raymond F., assignor.)
- Brief, Adolph, New York, N. Y. Wrap. 99,698; May 19.
- Briggs Manufacturing Company. (See Callahan, John A., assignor.)
- Briggs Manufacturing Company. (See Coordes, Harry G., assignor.)
- Briggs Manufacturing Company. (See Hobbs, Theodore C., assignor.)
- Briggs Manufacturing Company. (See Karstadt, Clarence, assignor.)
- Briggs Manufacturing Company. (See Lapteff, Alexis V., assignor.)
- Briggs Manufacturing Company. (See Tjaarda, John.)
- Brighten, Frank, London, England. Bathing cap. 100,914; Aug. 18.
- Brightwell, Ollie T. (See Bellamy, William D., assignor.)
- Briner, Donn, Chicago, Ill. Statuette. 98,713; Feb. 25.
- Brisbane, Eugene C., assignor to S. Morgan Smith Company, York, Pa. Plug valve body. 99,699; May 19.
- Brischo, James F., Columbus, Ohio. Projector or article of similar nature. 98,495; Feb. 11.
- Briscoe, Thomas, Seattle, Wash. Crematory urn. 98,914; Mar. 17.
- Bristol, Rudel M., Chicago, Ill. Transparent cap for electric light bulbs. 99,991; June 16.
- British Emulsifiers, Limited. (See Bannister, Albert R., assignor.)
- Brittain, Harold A., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Tire. 99,474; Apr. 28.
- Brittain, Harold A., Akron, Ohio, assignor to Mid-Continent Petroleum Corporation, Tulsa, Okla. Tire. 99,992; June 16.
- Brittain, Harold A., Akron, Ohio, assignor to Mid-Continent Petroleum Corporation, Tulsa, Okla. Tire. 100,149; June 23.
- Britton, Edward J., assignor to St. Louis Pencil Company, St. Louis, Mo. Pencil. 98,496; Feb. 11.
- Brockman, Oscar, Louisville, Ky. Shoe sole. 101,613; Oct. 20.
- Brockmeyer, Nettie M., University City, Mo. Butter dish. 98,473; Feb. 4.
- Brockway Glass Company. (See Mengle, Glen A., assignor.)
- Brockway Glass Company. (See Mengle, G. A., and Noblit, assignors.)
- Brockway Glass Company. (See Steuernagle, John H., assignor.)
- Brodbeck, Almer H. (See Stockstrom, A., and Brodbeck.)
- Brodton, Lynn, Collingswood, N. J. Automobile. 100,755; Aug. 11.
- Brooks, Arthur D., assignor to Eaton Detroit Metal Company, Cleveland, Ohio. Ice tongs. 101,764; Nov. 3.
- Brooks, Ltd. (See Brooks, William H., assignor.)
- Brooks, Ralph W., Los Angeles, Calif. Toy vehicle or the like. 101,103; Sept. 8.
- Brooks, William H., Fairfax, Calif. Toasted bread. 99,993; June 16.
- Brooks, William H., Fairfax, Calif. Toasted bread. 99,994; June 16.
- Brooks, William H., Fairfax, Calif. Toasted bread. 99,995; June 16.
- Brooks, William H., Fairfax, Calif. Toasted bread. 99,996; June 16.
- Brooks, William H., Fairfax, assignor to Brooks, Ltd., San Francisco, Calif. Toasted bread. 100,257; July 7.
- Broomall, Vernon H., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Trailer or similar article. 100,485; July 21.
- Brothers, Abe R. (See Brothers, Edwin I., and A. R.)
- Brothers, Abe R., Brooklyn, N. Y. Necktie rack. 98,383; Jan. 28.
- Brothers, Edwin I. and Abe R., Brooklyn, N. Y. Prophylactic device for the oral cavity. 102,048; Nov. 24.
- Brown & Bigelow. (See Trollden, Martin E., assignor.)
- Brown & Bigelow. (See Wege, John P., assignor.)
- Brown, Edward L., New York, N. Y. Lighting fixture for typewriters. 101,916; Nov. 10.
- Brown, H. Brainard, Rochester, N. Y. Thermometer. 100,198; June 30.
- Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Instrument case. 99,184; Apr. 7.
- Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Instrument case. 100,362; July 14.
- Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 100,937; Aug. 25.
- Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Instrument case. 101,203; Sept. 15.
- Brown, Harry A., Brooklyn, N. Y. Textile fabric or similar article. 99,926; June 9.
- Brown, Hazel D., Lancaster, Pa. Table. 98,752; Mar. 3.
- Brown Instrument Company, The. (See Moore, Coleman B., assignor.)
- Brown, John B., Oklahoma City, Okla. Horological instrument. 100,150; June 23.
- Brown, Reinhardt H., Fremont, Ohio. Scalpel. 101,325; Sept. 29.
- Brown, Seymour, New York, N. Y. Tablecloth. 102,252; Dec. 8.
- Brown, Seymour, New York, N. Y. Tablecloth. 102,253; Dec. 8.
- Brown & Sharpe Manufacturing Company. (See Graves, Benjamin P., assignor.)
- Brown, Thomas E., Los Angeles, Calif. Jacket or similar garment. 101,160; Sept. 8.
- Brown, Wilbur S., Veterans Home, Calif. Badge or similar article. 100,726; Aug. 4.
- Brugh, Emery, assignor to Moth King Corporation, Chicago, Ill. Electric heater. 98,050; Jan. 7.
- Brumbaugh, George E., Gwynedd Valley, Pa., assignor to The Galleys, Inc., Beltsville, Md. Building. 98,210; Jan. 21.
- Brunell, George A., Toronto, Ontario, Canada. Coat or similar article. 100,071; June 16.
- Bruner, Marvin J., New York, N. Y. Watch bracelet. 98,139; Jan. 14.
- Brunswick-Balke-Collender Company, The. (See Behrel, G. W., and Tyson, assignors.)
- Brunswick-Balke-Collender Company, The. (See Birren, Faber, assignor.)



- Brunswick-Balke-Collender Company, The. (See Lescaze, William, assignor.)
- Bryant, Raymond F., Fairfield, assignor to The Bridgeport Hardware Manufacturing Corporation, Bridgeport, Conn. Tool handle. 100,612; Aug. 4.
- Bryce Brothers Company. (See Bell, Elmer, assignor.)
- Bryce Brothers Company. (See Morrison, William P., assignor.)
- Bryon, Benjamin H., New York, N. Y. Combined handbag, wallet, and cigarette case. 98,643; Feb. 18.
- Buchanan, Ferdinand C. (See Kramer, Andrew A., and J. M., and Buchanan.)
- Buchanan, Ferdinand C., and E. H. Gill, assignors to A. A. Kramer, Kansas City, Mo. Combination semitrailer tank and package delivery body. 100,486; July 21.
- Buck, Arthur W., assignor to Buck X-Ograph Company, St. Louis, Mo. Refrigerated developing unit for X-ray photographs. 101,765; Nov. 3.
- Buck X-Ograph Company. (See Buck, Arthur W., assignor.)
- Budd, Edward G., Manufacturing Company. (See Ragsdale, Earl J. W., assignor.)
- Budlong, Robert D., assignor to United Autographic Register Co., Chicago, Ill. Autographic register. 99,065; Mar. 24.
- Budlong, Robert D., assignor to Chicago Musical Instrument Company, Chicago, Ill. Piano accordion. 101,934; Nov. 17.
- Buehrig, Gordon M., assignor to Auburn Automobile Company, Auburn, Ind. Automobile hood structure. 99,973; June 9.
- Bulldog Electric Products Company. (See Sundberg, C. W., and Ferar, assignors.)
- Bulova, Ardé, New York, N. Y. Watch bracelet. 98,826; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,140; Jan. 14.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,141; Jan. 14.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,142; Jan. 14.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,143; Jan. 14.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,144; Jan. 14.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,211; Jan. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,212; Jan. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,213; Jan. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,214; Jan. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,215; Jan. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,216; Jan. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,217; Jan. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,218; Jan. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,219; Jan. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,220; Jan. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,221; Jan. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,222; Jan. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,223; Jan. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,224; Jan. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,225; Jan. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,226; Jan. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,827; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,828; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,829; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,830; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,831; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,832; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,833; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,834; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,835; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,836; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,837; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,838; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,839; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,840; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,841; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,842; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,843; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,844; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,845; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,846; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,847; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,848; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 98,849; Mar. 10.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 100,063; June 16.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 100,064; June 16.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 100,065; June 16.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 100,066; June 16.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 100,067; June 16.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 100,068; June 16.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 100,069; June 16.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 100,070; June 16.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 101,269; Sept. 22.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 101,270; Sept. 22.
- Bunting Glider Company. (See Terker, Harry J., assignor.)
- Bunting Glider Company. (See Wexelblatt, Abraham S., assignor.)
- Bunting, Robert R., Paris, France. Shoe or similar article. 101,852; Nov. 10.
- Bunting, Robert R., Paris, France. Shoe or similar article. 101,853; Nov. 10.
- Burdick Corporation, The. (See Anderson, Fritz A., assignor.)
- Burge, Floyd O., assignor to South Bend Bait Company, South Bend, Ind. Fishing fly. 98,644; Feb. 18.
- Burgess Battery Company. (See Burgess, Charles F., assignor.)
- Burgess Battery Company. (See Reynolds, Benjamin S., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Schulte, Walter B., assignor.)
- Burgess, Charles F., Bokeelia, Fla., assignor to Burgess Battery Company, Madison, Wis. Dry cell battery. 100,199; June 30.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 98,915; Mar. 17.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 100,184; June 23.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 100,185; June 23.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 100,409; July 14.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 100,410; July 14.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 100,411; July 14.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 100,525; July 21.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 100,526; July 21.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 100,613; Aug. 4.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 100,915; Aug. 18.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 100,916; Aug. 18.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 100,932; Aug. 18.
- Burgess, Nathaniel E., New York, N. Y. Textile fabric. 100,933; Aug. 18.
- Burke, Edmund P., Los Angeles, Calif. Portable building. 100,539; July 28.
- Burke, Richard J. (See Humbard, R. L., and Burke.)
- Burke, William J., Brazil, Ind. Playing board for children's game. 99,324; Apr. 14.
- Burmeister, Frederick H. (See Dow, D. M., and Burmeister.)
- Burnell Aircraft, Ltd. (See Burnelli, Vincent J., assignor.)
- Burnelli, Vincent J., Keyport, N. J., assignor to Burnell Aircraft, Ltd. Airplane. 98,660; Feb. 25.
- Burrow, Herbert T., assignor to Malleable Iron Range Company, Beaver Dam, Wis. Combination coal and gas range. 99,265; Apr. 14.
- Burry Biscuit Corporation. (See Burry, George W., assignor.)
- Burry, George W., Hillside, assignor to Burry Biscuit Corporation, Linden, N. J. Cooky. 101,614; Oct. 20.



- Burphy, George W., Hillside, assignor to Burry Biscuit Corporation, Linden, N. J. Cooky. 101,615; Oct. 20.
- Burphy, George W., Hillside, assignor to Burry Biscuit Corporation, Linden, N. J. Cooky. 101,616; Oct. 20.
- Burphy, George W., Hillside, N. J., assignor to Burry Biscuit Corporation, Linden, N. J. Cooky. 102,254; Dec. 8.
- Burtman, Morris. (See Liberty, Normand P., assignor.)
- Burnett, Marvin E., Los Angeles, and M. J. Piccinelli, San Francisco, Calif. Doll. 100,363; July 14.
- Burton-Dixie Corporation. (See Wesley, Arthur, assignor.)
- Busch, Harry H., assignor to The Narrow Fabric Company, Wyomissing, Pa. Elastic binding. 99,342; Apr. 21.
- Busch, Harry H., Wyomissing, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 100,151; June 23.
- Busch, Harry H., Wyomissing, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 100,152; June 23.
- Busch, Harry H., Wyomissing, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 100,153; June 23.
- Busch, Harry H., Wyomissing, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 100,154; June 23.
- Busch, Harry H., Wyomissing, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 100,315; July 7.
- Busch, J., Inc. (See Ellerstein, Bernard, assignor.)
- Busch, Rudolf, Mainz, Germany. Set of playing cards. 98,145; Jan. 14.
- Busch, Rudolf, Mainz, assignor to David Kaufmann, Nuremberg, Germany. Deck of playing cards. 98,850; Mar. 10.
- Bushey, Ernest H. (See Bushey, William and E. H.)
- Bushey, William and E. H., Plattsburg, N. Y. Combined window shade, curtain, and drapery support. 101,104; Sept. 8.
- Butler, Charles M., Chicago, Ill. Combined applicator and massage brush. 100,256; July 7.
- Butt, Savannah B., Baltimore, Md. Lawn sprinkler. 100,087; June 23.
- Butterfield, Thomas F., Watertown, Conn., assignor to Field Manufacturing Company, Inc., New York, N. Y. Whistle. 102,543; Dec. 29.
- Butterworth, Arthur R., assignor to Solar Lighting Fixture Company, Los Angeles, Calif. Lighting fixture. 102,544; Dec. 29.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 98,107; Jan. 7.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 98,108; Jan. 7.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 102,411; Dec. 22.
- Cady, John E., Indianapolis, Ind., assignor to United States Rubber Products, Inc., New York, N. Y. Pneumatic tire. 100,364; July 14.
- Caffrey, Michael, Jersey City, assignor to American Lead Pencil Company, Hoboken, N. J. Pencil tip. 99,595; May 12.
- Cahn, Oscar J., New York, N. Y. Textile fabric. 98,109; Jan. 7.
- Cahn, Oscar J., New York, N. Y. Textile fabric. 99,776; May 26.
- Cahn, Oscar J., New York, N. Y. Textile fabric. 99,927; June 9.
- Cain, Roy, Fort Worth, Tex. Toy. 99,236; Apr. 7.
- Calderazzo, Dominick J., Brooklyn, N. Y. Heel. 99,700; May 19.
- Calderazzo, Dominick J., Brooklyn, N. Y. Heel. 99,701; May 19.
- Caldwell, Albert E., Newark, N. J. Tire. 99,596; May 12.
- Caldwell, Albert E., Newark, N. J. Tire. 99,597; May 12.
- Caldwell, Charles H., Brockton, assignor to George E. Keith Company, Campello, Mass. Shoe. 100,614; Aug. 4.
- Caldwell, Edward F., & Co. Inc. (See Klehr, William, assignor.)
- Caldwell, Henry C., assignor to Hendwell Corporation, Buffalo, N. Y. Space heater. 100,345; July 7.
- California-Florida Company, The. (See Thomas, William R., assignor.)
- California Perfume Company. (See Higgins, Frank E., assignor.)
- Callahan, James P. (See Woodward, E. E., and Callahan.)
- Callahan, John A., assignor to Briggs Manufacturing Company, Detroit, Mich. Bathtub. 98,051; Jan. 7.
- Callahan, John A., assignor to Briggs Manufacturing Company, Detroit, Mich. Washstand. 98,227; Jan. 21.
- Callahan, John A., assignor to Briggs Manufacturing Company, Detroit, Mich. Washstand. 98,228; Jan. 21.
- Cambridge Rubber Co. (See Dunbar, Ernest W., assignor.)
- Camenisch, Edward T., assignor to The Mantle Lamp Company of America, Chicago, Ill. Reflector for electric lamps. 98,916; Mar. 17.
- Camenisch, Edward T., assignor to The Mantle Lamp Company of America, Chicago, Ill. Head for electric lamps. 99,266; Apr. 14.
- Camerino, Ernest, New York, N. Y. Oil burner. 100,985; Aug. 25.
- Cameron, Charles E., Jr., East Orange, assignor to Lauter Humana Company, Newark, N. J. Piano. 100,463; July 21.
- Camp, Ernest A. and P. J., Weatherford, Tex. Circulating fan. 102,322; Dec. 15.
- Camp, Paul J. (See Camp, Earnest A. and P. J.)
- Canada Cycle & Motor Company. (See Peace Harvey W., assignor.)
- Canning, C. E., Incorporated. (See Canning, Claude E., assignor.)
- Canning, Claude E., Wilmette, assignor to C. E. Canning, Incorporated, Chicago, Ill. Insect exterminator. 98,851; Mar. 10.
- Canning, Claude E., Wilmette, assignor to C. E. Canning, Incorporated, Chicago, Ill. Insect exterminator. 98,852; Mar. 10.
- Canning, Claude E., Wilmette, assignor to C. E. Canning, Incorporated, Chicago, Ill. Insect exterminator. 98,853; Mar. 10.
- Canton Metal Decorating Company, The. (See Vogan, Frank M., assignor.)
- Capey, Reco, assignor to Yardley & Co. Limited, London, England. Lid for a container. 98,229; Jan. 21.
- Capey, Reco, assignor to Yardley & Co. Limited, London, England. Cap or analogous closure for bottles. 98,230; Jan. 21.
- Capey, Reco, assignor to Yardley & Co., Limited, London, England. Combined bottle and stopper. 101,617; Oct. 20.
- Capstan Glass Company. (See Piazzoli, Theodore J., assignor.)
- Caradine, James T. (See Duntze, George D., assignor.)
- Carangi, Thomas, West Pittsburgh, Pa. Paring and peeling knife. 99,656; May 12.
- Carbeau, Charles W., assignor to Ellwood Company, Ellwood City, Pa. Bathtub. 100,756; Aug. 11.
- Cardinal Art and Lamp Company. (See Connolly, Joseph F., assignor.)
- Cargill, Lafayette F., Michigan City, Ind. Identification emblem. 98,714; Feb. 25.
- Cariffe, Joseph V., Chicago, Ill., assignor to the Joe Lowe Corporation, New York, N. Y. Handle stick for a confectionery product. 102,076; Nov. 24.
- Carley, Leonard R., Watertown, assignor to The Patent Button Company, Waterbury, Conn. Button. 98,231; Jan. 21.
- Carley, Leonard R., assignor to The Patent Button Company, Waterbury, Conn. Button. 98,917; Mar. 17.
- Carley, Leonard R., assignor to The Patent Button Company, Waterbury, Conn. Button. 98,918; Mar. 17.
- Carley, Leonard R., Watertown, assignor to The Patent Button Company, Waterbury, Conn. Button. 101,594; Oct. 13.
- Carley, Leonard R., Watertown, assignor to The Patent Button Company, Waterbury, Conn. Button. 102,412; Dec. 22.
- Carlin, Harry J., Brooklyn, N. Y. Handbag. 101,161; Sept. 8.
- Carlson, Eric S. (See Snyder, G., and E. S. Carlson, assignors.)
- Carlson, Harry J., Grove City, Pa. Flush plate. 100,088; June 23.
- Carlson, William G., Gardner, Mass. Chair. 100,540; July 28.
- Carnes, Samuel J., Camden, Ark. Fish bowl. 100,200; June 30.
- Carp, Bernard, Hilversum, assignor to Naamlooze Venootschap Amsterdamsche Likeurstokerij "Lootsje" der Erven Lucas Bols, Amsterdam, Netherlands. Combination recessed bottle. 100,412; July 14.
- Carpenter, Frank P., Newark, N. J., assignor to Northam Warren Corporation, New York, N. Y. Nail file. 100,541; July 28.
- Carpenter, Walter W. (See Batté, T. A., and Carpenter.)
- Carr-Lowrey Glass Co. (See Bicks, Jean W., assignor.)
- Carr-Lowrey Glass Co. (See Funkey, John H., assignor.)
- Carr-Lowrey Glass Co. (See Garwood, Charles B., assignor.)
- Carr-Lowrey Glass Co. (See Hilgenberg, Carl G., assignor.)
- Carr-Lowrey Glass Company. (See Kohl, William R., assignor.)
- Carr-Lowrey Glass Co. (See Leach, Walter R., assignor.)
- Carr-Lowrey Glass Co. (See McLaughlin, Frank, assignor.)
- Carr-Lowrey Glass Co. (See Miller, William H., assignor.)
- Carr-Lowrey Glass Co. (See Patterson, Robert A., assignor.)
- Carr-Lowrey Glass Co. (See Sheridan, James C., assignor.)
- Carroll, Frances, Brooklyn, N. Y. Dress or similar article. 101,187; Sept. 8.
- Carroll, Frances, Brooklyn, N. Y. Dress or similar article. 101,188; Sept. 8.
- Carroll, Frances, Brooklyn, N. Y. Dress or similar article. 101,189; Sept. 8.
- Carroll, Frances, Brooklyn, N. Y. Dress or similar article. 101,190; Sept. 8.
- Carroll, Frances, Brooklyn, N. Y. Dress or similar article. 101,191; Sept. 8.
- Carroll, Frances, Brooklyn, N. Y. Dress or similar article. 101,248; Sept. 15.
- Carroll, Frances, Brooklyn, N. Y. Dress or similar article. 101,249; Sept. 15.
- Carroll, Frances, Brooklyn, N. Y. Dress or similar article. 101,298; Sept. 22.
- Carroll, Frances, Brooklyn, N. Y. Dress or similar article. 101,326; Sept. 29.



- Carroll, Frances, Brooklyn, N. Y. Dress or similar article. 101,327; Sept. 29.
- Carroll, Frances, Brooklyn, N. Y. Dress or similar article. 101,328; Sept. 29.
- Carruthers, Thomas F. (See Cox, H. L., and Carruthers.)
- Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Aircraft level indicating device. 99,702; May 19.
- Carter's Ink Company, The. (See Brand, A. S., and La France, assignors.)
- Casabona, Bettina, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. 98,999; Mar. 24.
- Casco Products Corporation. (See Bahr, Gustave F., assignor.)
- Casco Products Corporation. (See Cohen, Joseph H., assignor.)
- Casco Products Corporation. (See Sivec, Alexander, assignor.)
- Casement Hardware Co. (See Spencer, C. E., and Roberts, assignors.)
- Castleman, Samuel T., Louisville, Ky. Electrically-operated cream separator. 99,155; Mar. 31.
- Castro, Emanuel, assignor to William Willheim Co. Inc., New York, N. Y. Textile fabric or similar article. 101,935; Nov. 17.
- Castro, Emanuel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 102,255; Dec. 8.
- Castro, Emanuel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 102,256; Dec. 8.
- Castro, Emanuel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 102,257; Dec. 8.
- Castro, Emanuel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 102,258; Dec. 8.
- Castro, Emanuel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 102,259; Dec. 8.
- Castro, Emanuel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 102,260; Dec. 8.
- Cavanaugh, Doris H., Newton, Mass. Machine-knit fabric. 101,023; Sept. 1.
- Cave, Henry, Hartford, Conn. Floor brush. 98,120; Jan. 7.
- Celanese Corporation of America. (See Lasky, Charles A., assignor.)
- Celluloid Corporation. (See Bowker, William, assignor.)
- Celluloid Corporation. (See Bowker, W., and Piperoux assignors.)
- Celluloid Corporation. (See Hill, John, assignor.)
- Celluloid Corporation. (See Smith, Harry E., assignor.)
- Central Glass Works. (See Hutchison, James A., assignor.)
- Central Metallic Casket Co. (See Larson, Raymond, assignor.)
- Chadwick, Lee S., Shaker Heights, and J. A. Dahlstrom, Bay Village, assignors to Perfection Stove Company, Cleveland, O. Heating stove. 101,618; Oct. 20.
- Chambless, Ersyl F. (See Fay, Joseph W., assignor.)
- Champion Company, The. (See Seely, John M., assignor.)
- Champion Hardware Company, The. (See Mankki, Onnie, assignor.)
- Chandler, Irving H., New York, N. Y. Ash receiver. 99,854; June 2.
- Chaney, Boris, Los Angeles, Calif. Optical display cabinet. 102,176; Dec. 1.
- Chaplin, Charles J., Waterville, assignor to Chaplin Corporation, Portland, Maine. Insulating building block. 100,089; June 23.
- Chaplin Corporation. (See Chaplin, Charles J., assignor.)
- Chapman, Fredrick D., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Heater. 98,753; Mar. 3.
- Chapman, Fredrick D., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Cooking range. 101,209; Sept. 15.
- Chapman, Fredrick David, Evanston, Ill., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Electric iron. 100,542; July 28.
- Chapman, Gordon, Delamere, England. Combined match container and tray. 99,185; Apr. 7.
- Charnaux Patent Corset Company, Limited, The. (See de Purv, Roger E. C., assignor.)
- Chase, Frank C., Manhasset, assignor to E. R. Squibb & Sons, New York, N. Y. Container. 99,430; Apr. 28.
- Chaumet, Georges, Paris, France. Combined closure member and frame for a lady's handbag. 100,849; Aug. 18.
- Cheatwood, Leon F., Oklahoma City, Okla. Illuminated sign. 100,487; July 21.
- Cheney, Russell S., Evanston, Ill. Illuminator for X-ray films or similar articles. 99,343; Apr. 21.
- Chenoweth, Raymond A., Arlington, Mass. Shoe. 99,540; May 5.
- Chernow, Michael, Brooklyn, N. Y., assignor to Service Patents Corporation. Monogram frame. 99,928; June 9.
- Chernow, Michael, Brooklyn, N. Y. Pendant brooch or similar article. 101,105; Sept. 8.
- Chess, Mary, Inc. (See Nuckols, Walter S., assignor.)
- Chess, Mary, Inc. (See Robinson, Grace C., assignor.)
- Cheyovich, Milan G., Detroit, Mich. Shoe. 101,024; Sept. 1.
- Chi, Tsai C., Chicago, Ill. Game board. 98,232; Jan. 21.
- Chicago, City of. (See Hanson, Henry J., assignor.)
- Chicago Die Casting Mfg. Co. (See Koch, William P., assignor.)
- Chicago Flexible Shaft Company. (See Fukel, Alfred F., assignor.)
- Chicago Flexible Shaft Company. (See Iannelli, Alfonso, assignor.)
- Chicago Flexible Shaft Company. (See Jepson, Ivar, assignor.)
- Chicago Flexible Shaft Company. (See Koci, Ludvik J., assignor.)
- Chicago Flexible Shaft Company. (See Lynch, John W., assignor.)
- Chicago Flexible Shaft Company. (See Scharfenberg, George T., assignor.)
- Chicago Flexible Shaft Company. (See Wright, Horace C., assignor.)
- Chicago Musical Instrument Co. (See Barber, Charles E., assignor.)
- Chicago Musical Instrument Company. (See Berlin, Maurice H., assignor.)
- Chicago Musical Instrument Company. (See Budlong, Robert D., assignor.)
- Chiles, Sinclair W., Bethlehem, Pa. Plaque or similar article. 100,201; June 30.
- Chilton Pen Company, The. (See Molyneux, Edward F., assignor.)
- Chilton Pen Company, The. (See Sypher, Milford G., assignor.)
- Chinsky, Joseph A., Baltimore, Md. Combined signal light casing and license plate holder. 99,657; May 12.
- Chipman, Richmond L., Jr., Montclair, N. J., assignor to Bakelite Corporation, New York, N. Y. Radiocabinet. 98,233; Jan. 21.
- Chipman, Richmond L., Jr., Montclair, N. J., assignor to Bakelite Corporation, New York, N. Y. Radiocabinet. 98,234; Jan. 21.
- Chipman, Richmond L., Jr., Montclair, N. J., assignor to Bakelite Corporation, New York, N. Y. Radiocabinet. 98,235; Jan. 21.
- Chipman, Richmond L., Jr., Montclair, N. J., assignor to Bakelite Corporation, New York, N. Y. Radio cabinet. 99,388; Apr. 21.
- Chipman, Richmond L., Jr., Montclair, N. J., assignor to Bakelite Corporation, New York, N. Y. Radiocabinet. 99,598; May 12.
- Chopak, Herman, New York, N. Y. Textile fabric. 102,478; Dec. 22.
- Chopak, Herman, New York, N. Y. Textile fabric. 102,545; Dec. 29.
- Chopak, Herman, New York, N. Y. Textile fabric. 102,583; Dec. 29.
- Chopak, Herman, New York, N. Y. Textile fabric. 102,584; Dec. 29.
- Chopak, Herman, New York, N. Y. Textile fabric. 102,585; Dec. 29.
- Christen, Marcel, assignor to Levin-Forman Silk Corporation, New York, N. Y. Textile fabric. 99,389; Apr. 21.
- Christen, Marcel, assignor to Mitchell & Weber, Inc., New York, N. Y. Textile fabric. 102,261; Dec. 8.
- Christen, Marcel, assignor to Mitchell & Weber, Inc., New York, N. Y. Textile fabric. 102,297; Dec. 8.
- Christen, Marcel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 102,546; Dec. 29.
- Christie, Paul, Brooklyn, N. Y. Mail box or similar article. 99,000; Mar. 24.
- Chrysler Corporation. (See Henderson, Herbert V., assignor.)
- Ciccarelli, Ostilio, assignor to The E. Ingraham Company, Bristol, Conn. Case for a radio or the like. 100,488; July 21.
- Ciccarelli, Ostilio, assignor to The E. Ingraham Company, Bristol, Conn. Case for a radio or the like. 100,489; July 21.
- Cirelli, Leo, Union City, N. J., assignor to E. Wedemeyer, New York, N. Y. Clock. 98,754; Mar. 3.
- Civelli, Joseph, San Mateo, assignor to The Emporium-Capwell Company, San Francisco, Calif. Textile fabric. 99,621; May 12.
- Clar, George, and Otto Neisser, Jr., Los Angeles, Calif. Safety ash receptacle. 99,929; June 9.
- Clark, James, Distilling Corporation. (See Monasch, Stanley B., assignor.)
- Clark, Jeddia B., assignor to Indiana Glass Company, Dunkirk, Ind. Plate. 98,052; Jan. 7.
- Clark, Jeddia B., assignor to Indiana Glass Company, Dunkirk, Ind. Goblet. 98,236; Jan. 21.
- Clark, Jeddia B., assignor to Indiana Glass Company, Dunkirk, Ind. Glass. 98,293; Jan. 28.
- Clark, Jeddia B., assignor to Indiana Glass Company, Dunkirk, Ind. Bowl. 98,453; Feb. 4.
- Clark, Kate A., Wayne, Pa. Gaiter arctic. 100,413; July 14.
- Clark, Lawrence J., Lakewood, assignor to The Dickey-Grabler Company, Cleveland, Ohio. Burial case handle. 99,703; May 19.
- Clark, Lawrence J., Lakewood, assignor to The Dickey-Grabler Company, Cleveland, Ohio. Burial case handle. 99,704; May 19.
- Clark, Lawrence J., Lakewood, assignor to The Dickey-Grabler Company, Cleveland, Ohio. Burial case handle. 99,705; May 19.



- Clark, Oliver H., Detroit, Mich. Automobile front fender. 100,311; July 7.
- Clark, Oliver H., Detroit, Mich. Automobile rear fender. 100,312; July 7.
- Clark, Oliver H., Detroit, Mich. Automobile rear fender. 100,313; July 7.
- Clark, Phillip G., East Orange, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Instrument case. 99,267; Apr. 14.
- Clark, Samuel C. (See Pryale, H. M., and Clark.)
- Clarke, Charles R., Cranston, R. I. Treatment tub. 98,497; Feb. 11.
- Clements, Arthur L., assignor to American Hair & Felt Company, Chicago, Ill. Carpet underliner. 98,146; Jan. 14.
- Clements, John W., Richmond, Ind., assignor to The Huffman Manufacturing Company, Dayton, Ohio. Bicycle. 100,202; June 30.
- Clements, John W., Richmond, Inc., assignor to The Huffman Manufacturing Company, Dayton, Ohio. Bicycle frame. 100,203; June 30.
- Clements, Orley D., Elmwood, Nebr. Miniature post office building unit. 98,498; Feb. 11.
- Clemmons, Herbert D., assignor to Scovill Manufacturing Company, Sturgis, Mich. Ball cock body. 101,025; Sept. 1.
- Cleveland Cooperative Stove Company, The. (See Becvar, Joseph, assignor.)
- Cleveland Welding Company, The. (See Mankki, Onnie, assignor.)
- Cleverly, William, West New York, N. J. Textile fabric or similar article. 99,486; Apr. 28.
- Cleverly, William, West New York, N. J. Textile fabric or similar article. 99,487; Apr. 28.
- Cleverly, William, West New York, N. J. Textile fabric or similar article. 99,498; May 5.
- Cleverly, William, West New York, N. J. Textile fabric or similar article. 99,599; May 12.
- Cleverly, William, West New York, N. J. Textile fabric or similar article. 99,777; May 26.
- Cleverly, William, West New York, N. J. Textile fabric or similar article. 99,930; June 9.
- Clifford, James R., Chicago, Ill. Base for a lamp or similar article. 99,390; Apr. 21.
- Clifton, Clarence E., Tulsa, Okla. Gas burner. 99,186; Apr. 7.
- Clow, Oscar B., Seattle, Wash. Roofing or siding. 101,732; Oct. 27.
- Coca-Cola Company, The. (See Lehman, James W., assignor.)
- Coca-Cola Company. (See Worthington, Everett, assignor.)
- Cohan, Alice, Brooklyn, N. Y. Shoe. 100,258; July 7.
- Cohen, Anna, New York, N. Y. Dress or similar article. 100,889; Aug. 18.
- Cohen, Anna, New York, N. Y. Dress or similar article. 100,890; Aug. 18.
- Cohen, Anna, New York, N. Y. Dress or similar article. 100,891; Aug. 18.
- Cohen, Anna, New York, N. Y. Dress or similar article. 100,892; Aug. 18.
- Cohen, Anna, New York, N. Y. Dress or similar article. 100,893; Aug. 18.
- Cohen, Anna, New York, N. Y. Dress or similar article. 100,894; Aug. 18.
- Cohen, Anna, New York, N. Y. Dress or similar article. 100,895; Aug. 18.
- Cohen, Anna, New York, N. Y. Dress or similar article. 100,896; Aug. 18.
- Cohen, Anna, New York, N. Y. Dress or similar article. 100,897; Aug. 18.
- Cohen, Anna, New York, N. Y. Dress or similar article. 100,898; Aug. 18.
- Cohen, Anna, New York, N. Y. Dress or similar article. 100,899; Aug. 18.
- Cohen, Anna, New York, N. Y. Dress or similar article. 100,900; Aug. 18.
- Cohen, Anna, New York, N. Y. Dress or similar article. 100,986; Aug. 25.
- Cohen, Anna, New York, N. Y. Dress or similar article. 101,163; Sept. 8.
- Cohen, Anna, New York, N. Y. Dress or similar article. 101,192; Sept. 8.
- Cohen, Anna, New York, N. Y. Dress or similar article. 101,193; Sept. 8.
- Cohen, Anna, New York, N. Y. Dress or similar article. 101,194; Sept. 8.
- Cohen, Anna, New York, N. Y. Dress or similar article. 101,195; Sept. 8.
- Cohen, Anna, New York, N. Y. Dress or similar article. 101,196; Sept. 8.
- Cohen, Anna, New York, N. Y. Dress or similar article. 101,197; Sept. 8.
- Cohen, Anna, New York, N. Y. Dress or similar article. 101,198; Sept. 8.
- Cohen, Anna, New York, N. Y. Dress or similar article. 101,199; Sept. 8.
- Cohen, Anna, New York, N. Y. Dress or similar article. 101,200; Sept. 8.
- Cohen, Anna, New York, N. Y. Dress or similar article. 101,299; Sept. 22.
- Cohen, David, Brooklyn, N. Y. Shoe. 101,690; Oct. 27.
- Cohen, David, Brooklyn, N. Y. Shoe. 102,262; Dec. 8.
- Cohen, David C., et al. (See Trojan, Jose, assignor.)
- Cohen, David S., Brooklyn, N. Y. Shoe. 98,053; Jan. 7.
- Cohen, Edward, New York, N. Y. Shoe. 101,106; Sept. 8.
- Cohen, Eli A., Swampscott, Mass. Shoe. 99,113; Mar. 31.
- Cohen, Eli A., Swampscott, Mass. Shoe. 99,114; Mar. 31.
- Cohen, Eli A., Swampscott, Mass. Shoe. 99,706; May 19.
- Cohen, Frances C., assignor to Sunshine-Radio System, Inc., New York, N. Y. Automobile lamp. 101,107; Sept. 8.
- Cohen, Harry, New York, N. Y. Belt for personal wear. 100,727; Aug. 4.
- Cohen, Harry, assignor to The Perfection Steel Body Company, Galion, Ohio. Burial vault. 99,778; May 26.
- Cohen, Harry, assignor to The Perfection Steel Body Company, Galion, Ohio. Burial vault. 101,250; Sept. 15.
- Cohen, Harry, assignor to Perfection Steel Body Company, Galion, Ohio. Burial vault. 101,251; Sept. 15.
- Cohen, Harry B., New York, N. Y. Adjustable initial indicating badge or similar article. 99,268; Apr. 14.
- Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 101,835; Nov. 3.
- Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 101,836; Nov. 3.
- Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 101,837; Nov. 3.
- Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 101,838; Nov. 3.
- Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 101,839; Nov. 3.
- Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Electric windshield heater. 102,018; Nov. 17.
- Cohen, Munroe, Brighton, Mass., assignor to Stritter Shoe Co., Lynn, Mass. Shoe. 98,201; Jan. 14.
- Cohen, Samuel A., Brighton, Mass. Candy box or the like. 98,237; Jan. 21.
- Cohn-Hall-Marx Co. (See Headon, Frank, assignor.)
- Cohn-Hall-Marx Co. (See Rieman, Paul, assignor.)
- Cohn-Hall-Marx Co. (See Schmid, Werner, assignor.)
- Cohn, Leo, Los Angeles, Calif. Combined change tray and article holder. 101,162; Sept. 8.
- Cohn, Philip, New York, N. Y. Crystal or similar article. 99,568; May 12.
- Cohn, Philip, New York, N. Y. Crystal or similar article. 99,779; May 26.
- Cohn & Rosenberger, Inc. (See Katz, Adolph, assignor.)
- Colbert, William H., Brackenridge, Pa., assignor to Liberty Mirror Works. Support for rear view automobile mirrors. 101,079; Sept. 1.
- Cole, Ira, assignor to Mittag & Volger, Incorporated, Park Ridge, N. J. Box. 98,662; Feb. 25.
- Colella and Leighton Shoe Company. (See Atkins, Thomas R., assignor.)
- Colella & Leighton Shoe Co. (See Berk, Harry, assignor.)
- Colella & Leighton Shoe Company. (See Colella Pasquale, assignor.)
- Colella, Pasquale, Nahant, assignor to Colella & Leighton Shoe Company, Lynn, Mass. Shoe. 98,054; Jan. 7.
- Colella, Pasquale, Nahant, Mass., assignor to Colella & Leighton Shoe Company, Lynn, Mass. Shoe. 99,344; Apr. 21.
- Coleman, John E., Rosslyn, Va. Trailer. 100,812; Aug. 11.
- Coleman Lamp and Stove Company, The. (See Olds, Ambrose D., assignor.)
- Coleman, Tora, New York, N. Y. Blouse. 102,547; Dec. 29.
- Coleman, Tora, New York, N. Y. Dress. 102,548; Dec. 29.
- Coleman, Tora, New York, N. Y. Dress. 102,549; Dec. 29.
- Colen, Bernard D., Great Neck, assignor to Colen-Gruhn Co. Inc., New York, N. Y. Combination fireplace, desk and dinette. 100,987; Aug. 25.
- Colen, Bernard D., Great Neck, assignor to Colen-Gruhn Co. Inc., New York, N. Y. Cabinet for a combination fireplace and dinette. 100,988; Aug. 25.
- Colen-Gruhn Co. Inc. (See Colen, Bernard D., assignor.)
- Coles, Milton M., Chicago, Ill. Dice box. 102,025; Nov. 24.
- Colgate-Palmolive-Peet Company. (See De Vaultier, Simon, assignor.)
- Collingbourne, Albert B., Elgin, Ill. Display figure of balls of darning cotton, spooled thread and the like. 101,748; Oct. 27.
- Collingbourne, Albert B., Elgin, Ill. Display figure of balls of darning cotton, spooled thread and the like. 101,749; Oct. 27.
- Collingbourne, Albert B., Elgin, Ill. Display figure of spools of sewing silk and the like. 101,750; Oct. 27.
- Collins & Aikman Corporation. (See Ericson, Emile, assignor.)
- Collins & Aikman Corporation. (See Smith, Edward A., assignor.)
- Collison, Edward E., Chicago, and C. R. Kirk, River Forest, Ill. Remote control apparatus cabinet for musical devices. 102,353; Dec. 15.
- Colonial Shoe Makers Inc. (See Shapiro, Herbert, assignor.)
- Colson Corporation, The. (See Roe, M. E., and Adams, assignors.)
- Colt's Patent Fire Arms Manufacturing Co. (See Perry, James W., assignor.)
- Columbian Enameling & Stamping Co. (See Nelson, Andrew W., assignor.)



- Columbus Metal Products Inc. (See Donley, Harold B., assignor.)
- Commonwealth Textile Corp. (See Mayer, William H., Jr., assignor.)
- Comstock, James A., assignor to The Acme Electric & Manufacturing Company, Cleveland, Ohio. Electric transformer. 102,203; Dec. 1.
- Concord Silversmiths Corporation. (See Simms, Charles F., assignor.)
- Conklin Pen Company, The. (See Bienenstein, Andreas, assignor.)
- Conklin Pen Company, The. (See Emerson, Thomas, assignor.)
- Conner, Benjamin F., West Hartford, Conn. Jar. 98,055; Jan. 7.
- Connolly, Joseph F., assignor to Cardinal Art and Lamp Company, Inc., New York, N. Y. Illuminated crucifix. 99,269; Apr. 14.
- Connor, Martha H., Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Condiment shaker. 102,354; Dec. 15.
- Connor, Martha H., Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Strainer or similar article. 102,413; Dec. 22.
- Connors, Charles G. (See Covey, Charles A., assignor.)
- Connors, James J., assignor to The Charles Parker Company, Meriden, Conn. Bracket for bathroom fixtures. 101,210; Sept. 15.
- Connors, James J., assignor to The Charles Parker Company, Meriden, Conn. Mirror. 102,414; Dec. 22.
- Conradsen, Eleanor, Los Angeles, Calif. Manicurist kit. 98,454; Feb. 4.
- Conroy, Edward J., New Haven, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 98,056; Jan. 7.
- Conroy, Edward J., New Haven, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 100,005; June 16.
- Considine, Ralph J., assignor to Lucien Lelong, Inc., Chicago, Ill. Display stand or similar article. 100,314; July 7.
- Consolidated Ashcroft Hancock Company. (See Lewis, Dartrey, assignor.)
- Container Corporation of America. (See Macon, A. E., and Weir, assignors.)
- Continental Can Company. (See England, Isaac W., assignor.)
- Continental Ceramics Corporation. (See Wesp, George, assignor.)
- Continental Ceramics Corporation. (See Wood, Harry F., Jr., assignor.)
- Continental Optical Company. (See Obrig, Raymond L., assignor.)
- Continental Radio and Television Corp. (See Allison, Clifford L., assignor.)
- Continental Radio and Television Corp. (See Siragusa, Ross D., assignor.)
- Continental Scale Works. (See Vanderhoff, R. E., and Weber, assignors.)
- Continental Stove Corporation. (See Froelich, Carl E., assignor.)
- Conwell, William J., assignor to G. I. Sellers and Sons Company, Elwood, Ind. Table. 100,453; July 14.
- Cook, George H. (See Sommerville, C. C. and Cook.)
- Cook Specialty Company. (See Cook, Willard E., assignor.)
- Cook, Willard E., Shaker Heights, assignor to Cook Specialty Company, Cleveland, Ohio. Candy figure. 102,126; Dec. 1.
- Cooley, Kenneth L., Rochester, N. Y. Book end. 98,384; Jan. 28.
- Cooper & Cooper, Inc. (See Groos, Eleanore, assignor.)
- Cooper, David, Brooklyn, N. Y. Buckle or similar article. 98,147; Jan. 14.
- Cooper, Richard, Columbus, Ohio. Hotel register. 101,518; Oct. 13.
- Coordes, Harry G., assignor to Briggs Manufacturing Company, Detroit, Mich. Lavatory cabinet or similar article. 100,204; June 30.
- Coordes, Harry G., assignor to Briggs Manufacturing Company, Detroit, Mich. Lavatory cabinet or similar article. 100,205; June 30.
- Coots, E. Donald. (See Grunow, W. C., Coots, and Kenney.)
- Corbin, Wesley S., Ridley Park, assignor to Scott Paper Company, Chester, Pa. Multiple compartment dispensing cabinet. 102,355; Dec. 15.
- Corel, Victoria G., San Leandro, Calif. Hose fastener. 99,426; Apr. 21.
- Cornelius, du Pont, Coraopolis, assignor to Kensington, Incorporated, New Kensington, Pa. Ashtray. 101,211; Sept. 15.
- Cornell-Dubilier Corporation. (See Beyer, Haim, assignor.)
- Corwin, Jac, Brooklyn, N. Y. Imitation leather or similar article. 98,795; Mar. 3.
- Cory, Harvey, Chicago, Ill. Electric stove. 101,329; Sept. 29.
- Cosad, Albert B., Piedmont, Calif. Tooth brush. 101,080; Sept. 1.
- Costigan, Philip R., Kew Gardens, assignor to J. B. Hoffman, New York, N. Y. Textile fabric. 101,330; Sept. 29.
- Cotes, Mervin F. (See Jones, D. F., and Cotes.)
- Couchman, Michael, New York, N. Y. Masquerade flying suit. 102,204; Dec. 1.
- Coughlan, Gerald N., East Orange, N. J. Knife. 99,855; June 2.
- Coughlan, Gerald N., East Orange, N. J. Pea sheller. 102,415; Dec. 22.
- Coughlan, William H., Auburn, Maine. Automobile ornament. 100,090; June 23.
- Covey, Charles A., Fresno, assignor to one-half to C. G. Connors, Fresno County, Calif. Automobile. 99,156; Mar. 31.
- Cowan, R. Guy, assignor to Onondaga Pottery Company, Syracuse, N. Y. Ash tray. 98,238; Jan. 21.
- Cowan, R. Guy, assignor to Pass & Seymour, Inc., Syracuse, N. Y. Electric fixture. 99,187; Apr. 7.
- Cowan, R. Guy, assignor to Onondaga Pottery Company, Syracuse, N. Y. Cup. 100,850; Aug. 18.
- Cowan, R. Guy, assignor to Onondaga Pottery Company, Syracuse, N. Y. Plate or similar article. 100,851; Aug. 18.
- Cowan, R. Guy, assignor to Onondaga Pottery Company, Syracuse, N. Y. Cup. 100,852; Aug. 18.
- Cowan, R. Guy, Syracuse, N. Y. Pureebowl. 101,519; Oct. 13.
- Cowan, R. Guy, Syracuse, N. Y. Plate or similar article. 101,520; Oct. 13.
- Cowan, R. Guy, assignor to Onondaga Pottery Company, Syracuse, N. Y. Cup. 101,619; Oct. 20.
- Cowan, R. Guy, assignor to Onondaga Pottery Company, Syracuse, N. Y. Cup. 101,620; Oct. 20.
- Cowen, Joshua L., assignor to The Lionel Corporation, New York, N. Y. Toy circus fair. 101,486; Oct. 6.
- Cowling, Richard J., assignor to Joe Lowe Corporation, New York, N. Y. Handle stick. 101,271; Sept. 22.
- Coxhead, Ernest B., Berkeley, Calif. Nautical game board. 101,621; Oct. 20.
- Coyne, Michael, Washington, D. C. Floor radiator. 99,431; Apr. 28.
- Cozzens, Charles O., and E. M. Splaine, assignors to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 102,127; Dec. 1.
- Craighead, John R., Denver, Colo. Belt buckle or the like. 99,569; May 12.
- Crandall, Loid, J. W. Davis, and L. J. Lindquist, assignors to Harry A. Morgan, Los Angeles, Calif. Inkwell. 99,001; Mar. 24.
- Crandall, Loid, J. W. Davis, and L. J. Lindquist, assignors to H. A. Morgan, Los Angeles, Calif. Pencil sharpener. 99,188; Apr. 7.
- Crane Co. (See Dreyfuss, Henry, assignor.)
- Crane Co. (See Dreyfuss, H., and Zinkil, assignors.)
- Crane Co. (See Flodin, Victor E., assignor.)
- Crary, Charles, Chicago, Ill. Ball float valve. 98,661; Feb. 25.
- Craver, Bates B., Waterbury, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Over-shoe. 101,936; Nov. 17.
- Craver, Bates B., Waterbury, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Over-shoe. 101,937; Nov. 17.
- Crawford, Marion F. (See Young, P. C., and Crawford.)
- Creed, Bennett C., Hinsdale, Ill. Laundry bag. 99,499; May 5.
- Crompton Company. (See Karson, Nat, assignor.)
- Cronk, James T., Granby, assignor to Hampden Glazed Paper & Card Co., Holyoke, Mass. Book paper or similar article. 101,595; Oct. 13.
- Crosley, Powel, Jr., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Combined loudspeaker support and baffle. 98,416; Feb. 4.
- Crosley Radio Corporation, The. (See Crosley, Powel, Jr., assignor.)
- Crosman, George J., Irvington, N. J. Poker chip or similar article. 100,853; Aug. 18.
- Crossen, Robert W., Jr., Plainfield, assignor to Farrell Manufacturing Company, Joliet, Ill. Tank vehicle. 98,796; Mar. 3.
- Crouse-Hinds Company. (See Bissell, Carl H., assignor.)
- Crowe Name Plate & Manufacturing Co. (See Salyards, William E., Jr., assignor.)
- Crowley, Daniel J., Grosse Pointe, Mich. Radio receiving set. 101,981; Nov. 17.
- Crown Cork & Seal Company. (See McManus, Charles E., assignor.)
- Crown Cork & Seal Company. (See McManus, C. E., and Goebel, assignors.)
- Crown Stove Works. (See Rogers, Charles J., assignor.)
- Crown Stove Works. (See Rogers, John C., assignor.)
- Crowther, Walter G., Baltimore, Md. Container cap. 100,989; Aug. 25.
- Crum, Anna May. (See Crum, Heil E. and A. M.)
- Crum, Heil E. and A. M., Indianapolis, Ind. Etheric vibrator cabinet. 99,157; Mar. 31.
- Crumrine, Chester W. (See Teague, W. D. and Crumrine.)
- Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Camera. 99,672; May 19.
- Crystal Manufacturing Co. (See Trojan, Jose.)
- Cukor, Joseph T., Tuckahoe, N. Y. Game board or similar article. 101,487; Oct. 6.
- Culbertson, Glenn B., Dayton, Ohio. Adjustable table. 99,345; Apr. 21.
- Cullinan, Daniel Leo, Johnson City, Tenn. Paperweight or like article. 100,543; July 28.
- Culver, Fred R., Wilson, N. Y. Necktie holder. 98,057; Jan. 7.



- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,615; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,616; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,617; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,618; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,619; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,620; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,621; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,622; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,623; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,624; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,625; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,626; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,627; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,628; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,629; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,630; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,631; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,632; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,633; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,634; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,635; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,636; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,637; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,638; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,639; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,640; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,641; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,642; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,643; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,644; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,645; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,646; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,647; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,648; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,649; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,650; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,651; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,652; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,653; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,654; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,655; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,656; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,657; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,658; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,659; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,660; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,661; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 100,662; Aug. 4.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 101,938; Nov. 17.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 101,939; Nov. 17.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 101,940; Nov. 17.
- Curtiss, George E., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 100,685; Aug. 4.
- Curtiss, Harry S., assignor to Gillette Rubber Company, Eau Claire, Wis. Pneumatic tire. 100,513; July 21.
- Cushman, H. T., Mfg. Co. (See De Vries, Herman E., assignor.)
- Cutler, Pauline R., Murray Hill, N. J. Food receptacle unit or similar article. 98,575; Feb. 18.
- Dabson, Hilton A. (See Kroop, Adolph M., assignor.)
- Daché-Després, Lilly, New York, N. Y. Bottle. 99,270; Apr. 14.
- Daegling, Kenneth H., Whiting, Ind., assignor to The Moore Corporation, Joliet, Ill. Heater. 100,091; June 23.
- Dahlstrom, John A. (See Adams, W. H., and Dahlstrom.)
- Dahlstrom, John A. (See Adams, W. H., Resek, and Dahlstrom.)
- Dahlstrom, John A. (See Cradwick, L. S., and Dahlstrom.)
- Dale, Frank L., Hartsville, Ind. Automaton merchandising device. 100,938; Aug. 25.
- Dallanegra, Ada, Woodside, N. Y., assignor to Benfrey Dress Co., Inc. Ensemble dress. 98,797; Mar. 3.
- Dallanegra, Ada, Woodside, N. Y., assignor to Benfrey Dress Co., Inc. Ensemble dress. 98,854; Mar. 10.
- Dallas, Ronald H., Southgate, assignor to Glass Containers, Inc., Los Angeles, Calif. Bottle. 99,189; Apr. 7.
- Dallas, Ronald H., Southgate, assignor to Glass containers, Inc., Los Angeles, Calif. Bottle. 99,757; May 19.
- Daniels, Amy J., Palmer, Mass. Emblem. 98,294; Jan. 28.
- Daniels, Claude H., Wellesley Hills, Mass. Shoe upper material. 99,618; May 12.
- Daniels, Claude H., Wellesley Hills, Mass. Shoe upper material. 99,619; May 12.
- Daniels, Claude H., Wellesley Hills, Mass. Shoe upper material. 99,638; May 12.
- Daniels, Claude H., Wellesley Hills, Mass. Shoe. 99,707; May 19.
- Daniels, Claude H., Wellesley Hills, Mass. Shoe upper material. 99,856; June 2.
- Daniels, Claude H., Wellesley Hills, Mass. Shoe upper material. 100,155; June 23.
- Daniels Hats, Inc. (See Rosenberg, Arthur, assignor.)
- Dans, Bernard D. (See von Hofe, G. W., and Dans.)
- Darr, Harold W., Berwyn, Pa., assignor to Twin City Wholesale Grocer Co., St. Paul, Minn. Bag. 100,259; July 7.
- Darr, Harold W., Berwyn, assignor to Benj. C. Betner Co., Devon, Pa. Bag. 101,412; Sept. 29.
- Das, Peter, Passaic, N. J., assignor to Standard Brands Incorporated, New York, N. Y. Bag or analogous article. 99,475; Apr. 28.
- D'Aschbach, Ray J., Van Nuys, assignor to Bert A. Landers, Inc., Los Angeles, Calif. Decorative pompon or similar article. 100,939; Aug. 25.
- Daum, Charles, Forest Hills, N. Y. Tray for fruits, vegetables or the like. 98,417; Feb. 4.
- Dauman, Samuel S., New York, N. Y. Lighting fixture globe. 99,742; May 19.
- Daval Manufacturing Company. (See Schu, Matt, assignor.)
- Davenport, Talmon A. (See Eksergian, C. L., and Davenport.)
- Davidson, Julius R., Chicago, Ill., assignor to Kensington, Incorporated, New Kensington, Pa. Server for cigarettes or the like. 101,026; Sept. 1.
- Davies, Josephine, New York, N. Y., assignor to Bancroft Walker Company, Waltham, Mass. Shoe. 99,115; Mar. 31.
- Davies, Josephine, New York, N. Y., assignor to Bancroft-Walker Company, Waltham, Mass. Shoe. 100,464; July 21.
- Davies, Josephine, New York, N. Y., assignor to Bancroft-Walker Company, Waltham, Mass. Shoe. 100,544; July 28.
- Davies, Josephine, New York, N. Y., assignor to Bancroft-Walker Company, Waltham, Mass. Shoe. 100,545; July 28.
- Davies, Josephine, New York, N. Y., assignor to Bancroft-Walker Company, Waltham, Mass. Shoe. 101,212; Sept. 15.
- Davis, Albert L., Watertown, Conn., assignor to Wallace Pencil Company, St. Louis County, Mo. Pencil. 102,049; Nov. 24.
- Davis, Henrietta G., Brooklyn, assignor to The Reuben H. Donnelley Corporation, New York, N. Y. Cigar piercer. 101,578; Oct. 13.
- Davis, Ernest, assignor to The Prosperity Company, Syracuse, N. Y. Dry cleaner cabinet, or the like. 100,546; July 28.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Dry cleaning machine, or the like. 100,547; July 28.
- Davis, Henry K. B., Springfield, Mass. Golf ball or the like. 100,206; June 30.
- Davis, John W. (See Crandall, L., Davis, and Lindquist.)
- Davis, Milton E., New York, N. Y. Coat. 98,239; Jan. 21.
- Davis, Milton E., New York, N. Y. Coat. 101,423; Sept. 29.
- Daval Rubber Company. (See Little, Jesse, assignor.)
- Day, Evangeline, New York, N. Y. Wishing bowl. 102,416; Dec. 22.
- Day, Wilbur M., assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 98,499; Feb. 11.
- Day, Wilbur M., assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 99,158; Mar. 31.



- Day, Wilbur M., assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 100,548; July 28.
- Day, Wilbur M., assignor to The Baldwin Company, Cincinnati, Ohio. Organ console. 101,941; Nov. 17.
- Day-Brite Reflector Company. (See Biller, David J., assignor.)
- Dayton Malleable Iron Company, The. (See Runyan, William B., assignor.)
- Dayton Pump & Mfg. Company, The. (See Beckett, W. H., and Horvath, assignors.)
- Deagan, J. C. Inc. (See Musser, Clair O., assignor.)
- Dean, Arthur F., Winnetka, assignor to Stewart-Warner Corporation, Chicago, Ill. Grease gun rack. 99,541; May 5.
- Dean, Arthur F., Winnetka, assignor to Stewart-Warner Corporation, Chicago, Ill. Grease gun rack. 99,542; May 5.
- Dean, Arthur F., Winnetka, assignor to Stewart-Warner Corporation, Chicago, Ill. Grease gun rack. 99,559; May 5.
- Dean, John D., Tolworth, England. Comb. 99,271; Apr. 14.
- Dean, John D., Tolworth, England. Combined hair brush and comb. 101,982; Nov. 17.
- Dean, John R., assignor to Warner Jewelry Case Company, Buffalo, N. Y. Jewelry box. 101,854; Nov. 10.
- Deering Milliken & Co. (See Landry, William A., assignor.)
- Defonso, Lewis, Carnegie, Pa. Accordionola. 102,417; Dec. 22.
- De Garro, Harold, Los Angeles, Calif. Combined lamp and ashtray. 98,798; Mar. 3.
- Degory, Alfred, assignor to A. Degory, R. S. Hawkins, and C. J. H. Libovitz, trading as David Alan & Company, Kensington, London, England. Lubricating gun or similar article. 99,620; May 12.
- De Hart, George C., Los Angeles, Calif. Trophy cup. 98,240; Jan. 21.
- De Hart, George C., Los Angeles, Calif. Trophy cup. 98,418; Feb. 4.
- Deigert, Robert C., Toledo, Ohio, assignor to Harold L. Van Doren, doing business as Harold Van Doren and Associates. Radiant heater. 99,002; Mar. 24.
- Deigert, Robert C., Toledo, Ohio, assignor to H. L. Van Doren. Radiant heater. 99,116; Mar. 31.
- Deigert, Robert C., Toledo, assignor to Utility Gas Appliance Corporation, Columbus, Ohio. Radiant heater. 99,780; May 26.
- Deigert, Robert C., Toledo, assignor to Utility Gas Appliance Corporation, Columbus, Ohio. Radiant heater. 99,781; May 26.
- Deigert, Robert C., Toledo, assignor to Utility Gas Appliance Corporation, Columbus, Ohio. Radiant heater. 99,782; May 26.
- Deigert, Robert C., Toledo, assignor to Utility Gas Appliance Corporation, Columbus, Ohio. Radiant for heaters. 100,990; Aug. 25.
- Deli, Frank C., Chicago, Ill. Pencil. 99,346; Apr. 21.
- Deline, Irving A., Denver, Colo. Multiple candy box. 98,419; Feb. 4.
- De Lisle, Walter, Windsor, Ontario, Canada. Vehicle indicating device. 102,418; Dec. 22.
- De Liso, Vincent, New York, N. Y. Shoe or similar article. 99,003; Mar. 24.
- De Liso, Vincent, New York, N. Y. Shoe or similar article. 99,476; Apr. 28.
- Delman, Inc. (See Ellington, Ferdinand W., assignor.)
- Del Re, Gennaro, New York, N. Y. Slipper. 100,092; June 23.
- Del Re, Gennaro, New York, N. Y. Slipper. 100,093; June 23.
- Del Re, Gennaro, New York, N. Y. Slipper. 100,094; June 23.
- Del Re, Gennaro, New York, N. Y. Slipper. 101,691; Oct. 27.
- Delta Electric Company. (See Wiley, Lee M., assignor.)
- Delta Manufacturing Company. (See Tautz, Herbert E., assignor.)
- De Mascolo, Marie R., assignor to Societe Anonyme Scherick, Paris, France. Bottle. 98,455; Feb. 4.
- Depue, Clark A., Clinton, assignor to The Maytag Company, Newton, Iowa. Washing machine or the like. 100,207; June 30.
- Depue, Clark A., Clinton, assignor to The Maytag Company, Newton, Iowa. Washing machine or the like. 100,208; June 30.
- De Pury, Roger E. C., Earls Court, assignor to The Charnaux Patent Corset Company Limited, London, England. Brassiere. 98,576; Feb. 18.
- De Pury, Roger E. C., assignor to The Charnaux Patent Corset Company Limited, London, England. India-rubber sheet. 99,347; Apr. 21.
- Derr, James M., Ripley, Ohio. Shoe. 100,006; June 16.
- De Sakhnoffsky, Alexis, Philadelphia, Pa. Sadiron. 100,757; Aug. 11.
- De Sakhnoffsky, Alexis, Philadelphia, Pa., assignor to The White Motor Company, Cleveland, Ohio. Radiator shell for a motor vehicle. 98,919; Mar. 17.
- De Sakhnoffsky, Alexis, Philadelphia, Pa., assignor to Muzak Corporation of Ohio, Lakewood, Ohio. Radio receiver cabinet. 99,334; Apr. 14.
- De Sakhnoffsky, Alexis, Philadelphia, Pa., assignor to Muzak Corporation of Ohio, Lakewood, Ohio. Radio receiver cabinet. 99,417; Apr. 21.
- De Sakhnoffsky, Alexis, Philadelphia, Pa., assignor to The White Motor Company, Cleveland, Ohio. Vehicle. 101,507; Oct. 6.
- De Sakhnoffsky, Alexis D., Philadelphia, Pa. Automobile trailer body. 101,809; Nov. 3.
- Deskey, Donald, New York, N. Y., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Drinking tumbler. 98,420; Feb. 4.
- Deskey, Donald, New York, N. Y., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Tumbler. 98,421; Feb. 4.
- Deskey, Donald, New York, N. Y., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Sherbet glass. 98,422; Feb. 4.
- Deskey, Donald, New York, N. Y., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 99,066; Mar. 24.
- Deskey, Donald, New York, N. Y., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 99,067; Mar. 24.
- Deskey, Donald, New York, N. Y., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 99,068; Mar. 24.
- Deskey, Donald, New York, N. Y., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 99,069; Mar. 24.
- Deskey, Donald, New York, N. Y., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 99,070; Mar. 24.
- Deskey, Donald, New York, N. Y., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 99,071; Mar. 24.
- Despres, Joseph A., Scarsdale, N. Y., assignor to Bernard Rice's Sons Incorporated, New York, N. Y. Hand mirror or similar article. 98,148; Jan. 14.
- Despres, Joseph A., assignor to Bernard Rice's Sons Incorporated, New York, N. Y. Metal border strip for hollowware. 100,549; July 28.
- Desser, Michael S., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Condiment shaker. 100,663; Aug. 4.
- Desser, Michael S., and E. W. Fuerst, assignors to Owens-Illinois Glass Company, Toledo, Ohio. Fish jar. 102,550; Dec. 29.
- Detroit Electric Furnace Company. (See Leisen, Frederic A., assignor.)
- Detroit Show Case Company. (See Marr, Richard H., assignor.)
- Deutz, Olga T. (See Lowney, Daniel J., assignor.)
- De Vall, Guy B., New York, N. Y. Building. 99,708; May 19.
- De Vaulchier, Simon, assignor to Pinaud Incorporated, New York, N. Y. Collapsible tube container. 99,424; Apr. 21.
- De Vaulchier, Simon, New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Paste tube. 100,686; Aug. 4.
- Devore, Robert W., Chicago, Ill. Combined air conditioning and circulating fan. 99,500; May 5.
- Devore, Robert W., Chicago, Ill. Combined air conditioning and circulating. 99,501; May 5.
- De Vries, Herman E., New York, N. Y., assignor to H. T. Cushman Mfg. Co., North Bennington, Vt. Combined handle and front drawer panel. 98,500; Feb. 11.
- De Vries, Herman E., New York, N. Y., assignor to H. T. Cushman Mfg. Co., North Bennington, Vt. Desk. 100,664; Aug. 4.
- De Vry, Herman A., Chicago, Ill. Motion picture projector. 101,766; Nov. 3.
- De Witt, Marion F., New York, N. Y. Blouse. 98,149; Jan. 14.
- Dexter, Louis M. (See Knapp, E. L., Peterson and Dexter.)
- Diamond Shoe Corporation. (See Rainey, Ernest A., assignor.)
- Dick, Arthur H., assignor to Louisville Textiles, Incorporated, Louisville, Ky. Textile fabric or similar article. 98,920; Mar. 17.
- Dickey-Grabler Company, The. (See Clark, Lawrence J., assignor.)
- Dickey-Grabler Company, The. (See Flasche, William F., assignor.)
- Dickey-Grabler Company, The. (See Jamieson, John, assignor.)
- Dictograph Products Company. (See Breen, Frederick M., assignor.)
- Diecasters, Inc. (See Hutcheson, Ray R., assignor.)
- Dieges, Robert T., Yonkers, N. Y. Banner bar pin. 101,213; Sept. 15.
- Diemer, Walter H., assignor to The American-National Company, Toledo, Ohio. Juvenile automobile. 99,004; Mar. 24.
- Dietert, Harry W., Detroit, Mich. Sand washer. 102,050; Nov. 24.
- Dietz, R. E., Company. (See Gerth, R., and Sinel, assignors.)
- Dietzgen, Eugene, Company. (See Langsner, Adolph, assignor.)
- Di Martino, John, Brooklyn, N. Y. Settee frame or similar article. 100,550; July 28.
- Dinhofer, Julius, New York, N. Y. Gem setting. 100,940; Aug. 25.
- Dinzl, Richard W., Narberth, Pa. Materials testing machine. 100,941; Aug. 25.



- Dinzl, Richard W., Narberth, Pa., assignor to Baldwin Southwark Corporation. Materials testing machine. 100,991; Aug. 25.
- Dinzl, Richard W., Narberth, Pa., assignor to Baldwin Southwark Corporation. Materials testing machine. 102,323; Dec. 15.
- Dinzl, Richard W., Narberth, Pa., assignor to Baldwin Southwark Corporation. Materials testing machine. 102,324; Dec. 15.
- Di Spalatro, Louis. (See Lobel, H., and Di Spalatro.)
- Diviny, Edward T., Baltimore, Md. Pipe cleaning ash tray. 100,551; July 28.
- Dixie Foundry Company. (See Rymer, Bradford, assignor.)
- Dixon, Joseph, Crucible Company. (See Glendinning, John, assignor.)
- Dixon, Joseph, Crucible Company. (See Van Dorn, Horace B., assignor.)
- Dobrick, August C., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Tube cutter. 99,190; Apr. 7.
- Doering, Charles, Chicago, Ill. Dairy product cutting machine. 100,687; Aug. 4.
- Dognin, Jean, New York, N. Y. Lace. 98,645; Feb. 18.
- Dognin, Jean, New York, N. Y. Lace. 99,348; Apr. 21.
- Dognin, Jean, New York, N. Y. Lace. 99,658; May 12.
- Dognin, Jean, New York, N. Y. Lace. 99,659; May 12.
- Dognin, Jean, New York, N. Y. Lace. 99,660; May 12.
- Dognin, Jean, New York, N. Y. Lace. 100,728; Aug. 4.
- Dognin, Jean, New York, N. Y. Lace. 100,758; Aug. 11.
- Dognin, Jean, New York, N. Y. Lace. 100,759; Aug. 11.
- Dognin, Jean, New York, N. Y. Lace. 102,019; Nov. 17.
- Dognin, Jean, New York, N. Y. Lace. 102,104; Nov. 24.
- Dognin, Jean, New York, N. Y. Lace. 102,105; Nov. 24.
- Dognin, Jean, New York, N. Y. Lace. 102,106; Nov. 24.
- Dognin, Jean, New York, N. Y. Lace. 102,107; Nov. 24.
- Lolan, Burtis J., assignor to Lucian Lelong Inc., Chicago, Ill. Perfume bottle or similar container. 102,178; Dec. 1.
- Dole Valve Company, The. (See MacCowan, Hervey L., assignor.)
- Donahay, Richard S., Columbus, Ohio. Burial base. 100,414; July 14.
- Donaly, James L., Bloomfield, assignor to Frank Kremetz Co., Newark, N. J. Handle for eyeglasses or similar articles. 100,465; July 21.
- Donley, Harold B., assignor to Columbus Metal Products Inc., Columbus, Ohio. Motor vehicle head lamp attachment or similar article. 102,179; Dec. 1.
- Donnelley, Reuben H., Corporation, The. (See Davis, Henrietta G., assignor.)
- Doppelt, Charles, Chicago, Ill. Bag for toilet articles. 101,439; Oct. 6.
- Dopyera, Rudolph, Los Angeles, Calif. Musical instrument. 98,295; Jan. 28.
- Dopyera, Rudolph, Los Angeles, Calif. Musical instrument. 98,296; Jan. 28.
- Dormeyer, A. F., Mfg. Co. (See Strauss, Hermann M. A., assignor.)
- Dougherty, George, assignor to Morgantown Glass Works, Morgantown, W. Va. Glass goblet. 100,007; June 16.
- Douglass, Forrest G., Los Angeles, Calif., assignor to Viber Company Limited. Combined portable motor and enclosed switch. 98,423; Feb. 4.
- Dover Manufacturing Co., The. (See Huffman, Russell I., assignor.)
- Dover, Samuel M., Chicago, Ill. Stop and tail lamp lens. 100,008; June 16.
- Dover, Samuel M., Chicago, Ill. Combined stop and tail lamp lens. 100,942; Aug. 25.
- Dover, Samuel M., Chicago, Ill. Combined stop and tail lamp lens. 101,488; Oct. 6.
- Dover, Samuel M., Chicago, Ill. Combined stop and tail lamp lens. 101,489; Oct. 6.
- Dow, Dewey M., and F. H. Burmeister, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner cover casing. 101,855; Nov. 10.
- Dow, Dewey M., and F. H. Burmeister, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 101,856; Nov. 10.
- Dow, Dewey M., and F. H. Burmeister, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner fan casing assembly. 101,857; Nov. 10.
- Dowdell, William B., Wayne, assignor to Benj. C. Betner Co., Devon, Pa. Bag. 101,596; Oct. 13.
- Downs, Marwood A., assignor to Ontario Manufacturing Company, Muncie, Ind. Spoon or other article of flatware. 99,072; Mar. 24.
- Downs, Marwood A., assignor to Ontario Manufacturing Company, Muncie, Ind. Spoon or other article of flatware. 99,073; Mar. 24.
- Downs, Marwood A., assignor to Ontario Manufacturing Company, Muncie, Ind. Spoon or other article of flatware. 99,502; May 5.
- Drake, Stanley T., Abington, Mass. Shoe or similar article. 98,150; Jan. 14.
- Dreher, Monroe F., Montclair, N. J., assignor to The Nestle-Lemur Company, New York, N. Y. Instrument board for a hair waving cabinet or similar article. 100,552; July 28.
- Dreyfuss, Henry, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio. Electric attachment plug or similar article. 100,490; July 21.
- Dreyfuss, Henry, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio. Electric attachment plug. 100,527; July 21.
- Dreyfuss, Henry, New York, N. Y., assignor to Crane Co., Chicago, Ill. Shower head. 101,440; Oct. 6.
- Dreyfuss, Henry, New York, N. Y., assignor to Crane Co., Chicago, Ill. Water closet. 101,441; Oct. 6.
- Dreyfuss, Henry, New York, N. Y., assignor to Crane Co., Chicago, Ill. Valve control unit. 101,442; Oct. 6.
- Dreyfuss, Henry, New York, N. Y., assignor to Crane Co., Chicago, Ill. Bath spout. 101,443; Oct. 6.
- Dreyfuss, Henry, New York, N. Y., assignor to Crane Co., Chicago, Ill. Deviator spout. 101,444; Oct. 6.
- Dreyfuss, Henry, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio. Grip for suction cleaner handles. 101,490; Oct. 6.
- Dreyfuss, Henry, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio. Casing for a suction cleaner or similar article. 101,858; Nov. 10.
- Dreyfuss, Henry, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio. Casing for a suction cleaner or similar article. 102,180; Dec. 1.
- Dreyfuss, Henry, New York, N. Y., and R. H. Zinkil, Oak Park, assignors to Crane Co., Chicago, Ill. Lavatory. 101,445; Oct. 6.
- Dreyfuss, Henry, New York, N. Y., and R. H. Zinkil, Oak Park, assignors to Crane Co., Chicago, Ill. Combined lavatory and pedestal. 101,446; Oct. 6.
- Dreyfuss, Henry, New York, N. Y., and R. H. Zinkil, Oak Park, assignors to Crane Co., Chicago, Ill. Bathtub. 101,447; Oct. 6.
- Dreyfuss, Henry, New York, N. Y., and R. H. Zinkil, Oak Park, assignors to Crane Co., Chicago, Ill. Bath waste handle. 101,448; Oct. 6.
- Dreyfuss, Henry, New York, N. Y., and R. H. Zinkil, Oak Park, assignors to Crane Co., Chicago, Ill. Waste handle. 101,449; Oct. 6.
- Drinkert, George W., Highland Park, Mich. Golf tee. 99,117; Mar. 31.
- Drucker-Wolf, Inc. (See Wolf, Milton M., assignor.)
- Drummond, Arthur. (See Illsche, A., and Drummond.)
- Dual Parking Meter Company. (See Magee, Carl C., assignor.)
- Du Barry Fabrics Corp. (See Schwartz, Peter S., assignor.)
- Du Bois, William P., New York, N. Y. Toy figure. 101,733; Oct. 27.
- Duff, Doyle, Burrton, J. C. Elliott, and J. J. Flickinger, Haislead, Kans. Display light for an automobile. 98,663; Feb. 25.
- Duffy, Alice M., Los Angeles, Calif. Clock dial. 99,432; Apr. 28.
- Duffy Mott Co. (See Fuerst, Edwin W., assignor.)
- Dufine, Abraham, assignor to Sherman Bros. Rainwear Corp., New York, N. Y. Coat or similar article. 99,272; Apr. 14.
- Dulany, Helen H., Chicago, Ill. Combination case bearer belt buckle or similar article. 100,466; July 21.
- Dunbar, Ernest W., Hudson, assignor to Cambridge Rubber Co., Cambridge, Mass. Overshoe or similar article. 100,854; Aug. 18.
- Duncan, Donald T., Mount Vernon, N. Y. Textile fabric. 101,942; Nov. 17.
- Duncan, James E., 3d, and R. A. May, assignors to The Duncan & Miller Glass Company, Washington, Pa. Glass plate or similar article. 101,983; Nov. 17.
- Duncan & Miller Glass Company, The. (See Duncan, J. E., 3d, and May, assignors.)
- Dunn, Charles A., Providence, R. I., assignor to Lucien Lelong, Inc., Chicago, Ill. Compact or similar article. 101,164; Sept. 8.
- Dunn, Edward R., Mount Carmel, Pa. Automobile top. 98,151; Jan. 14.
- Dunn, John C., Port Jervis, and M. Klein, Brooklyn, assignors to Gillinder Brothers, Inc., Port Jervis, N. Y. Globe for lighting fixtures. 99,743; May 19.
- Duntze, George D., assignor to J. T. Caradine, St. Louis, Mo. Sign. 99,600; May 12.
- Du Pont, E. I., de Nemours & Company. (See Tyson, Edmund H., assignor.)
- Du Pree, Ernest L., Jr., Jackson Heights, assignor to Schenley Products Company, New York, N. Y. Bottle. 101,450; Oct. 6.
- Du Pree, Ernest L., Jr., Jackson Heights, assignor to Schenley Products Company, New York, N. Y. Bottle. 101,451; Oct. 6.
- Dura Company. (See Floraday, Burton S., assignor.)
- Durand, René, Paris, France, assignor to Lenthéric, Incorporated, New York, N. Y. Bottle. 98,577; Feb. 18.
- Durgin, Edgar R., assignor to New Jersey Optical Co., Newark, N. J. Center bridge for eyeglasses. 99,673; May 19.
- Durgin, Edgar R., assignor to New Jersey Optical Co., Newark, N. J. Center bridge for eyeglasses. 101,272; Sept. 22.
- Durie, George H., Detroit, Mich. Ice cream freezer. 100,415; July 14.
- Dur-O-Life Pencil Company. (See Lynn, John P., assignor.)
- Durva, Robert F., Palo Alto, Calif. Flower holder or similar article. 99,783; May 26.



- Dyke, Herbert G., Larchmont, N. Y. Ashtray or similar article of manufacture. 100,009; June 16.
- E. A. Laboratories, Inc. (See Meyerhoefer, Carl E., assignor.)
- Eagle, Charles J., Rochester, N. Y. Lens strap. 99,005; Mar. 24.
- Eagle, Charles J., Rochester, N. Y. End piece for metallic spectacle frames. 100,346; July 7.
- Eagle Foundry Company. (See Klemme, Maurice G., assignor.)
- Eagle Pencil Company. (See Peters, Mark W., assignor.)
- Earley, Samuel C., assignor to The Acklin Stamping Company, Toledo, Ohio. Display rack. 98,297; Jan. 28.
- Eash, Otto M., assignor to L. H. Strickler, Oakland, Calif. Beverage dispenser casing. 101,859; Nov. 10.
- Eastern Laboratories, Incorporated. (See Beeston, Charles W., assignor.)
- Eastman, Ivan L., Toledo, Ohio, assignor to The Aro Equipment Corporation, Bryan, Ohio. Hand gun carrier rack. 99,074; Mar. 24.
- Eastman Kodak Company. (See Adams, George A., assignor.)
- Eastman Kodak Company. (See Crumrine, Chester W., assignor.)
- Eastman Kodak Company. (See Ford, Henry L., assignor.)
- Eastman Kodak Company. (See Fritts, E. C., and Teague, assignors.)
- Eastman Kodak Company. (See Mihalyi, Joseph, assignor.)
- Eastman Kodak Company. (See Teague, Walter D., assignor.)
- Eastman Kodak Company. (See Teague, W. D. and Crumrine, assignors.)
- Eastman Kodak Company. (See Teague, W. D., and Young, assignors.)
- Eastman Kodak Company. (See Wittel, Otto, assignor.)
- Eastus, Harold L., Muncie, Ind., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Glass building block. 99,075; Mar. 24.
- Eastus, Harold L., Muncie, Ind., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Glass building block. 99,076; Mar. 24.
- Eaton-Detroit Metal Company. (See Abrams, Nichola, assignor.)
- Eaton Detroit Metal Company. (See Brooks, Arthur D., assignor.)
- Eaton Metal Products Co. (See Liston, Earl C., assignor.)
- Ebco Manufacturing Co., The. (See Love, L. C., and Jones, assignors.)
- Ebeling, Henry O., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Serving spoon or similar article. 101,860; Nov. 10.
- Ebeling, Henry O., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Dish or similar article. 101,861; Nov. 10.
- Ebeling & Reuss, Inc. (See Ebeling, Henry O., assignor.)
- Ebeling & Reuss, Inc. (See Kogan, Belle, assignor.)
- Ebling, Walter, Rochester, N. Y. Shoe. 102,325; Dec. 15.
- Ebeling, Walter, assignor to E. R. Reed and Company, Rochester, N. Y. Shoe. 101,845; Nov. 10.
- Ebling, Walter E., assignor to E. P. Reed & Co., Rochester, N. Y. Shoe. 98,241; Jan. 21.
- Eckert, Anton, Alameda, Calif. Plate or similar article. 102,356; Dec. 15.
- Eckland, Everett B., Oak Park, Ill. Combined ice cream freezer and display counter. 102,026; Nov. 24.
- Econotype, Inc. (See Poeppelmeier, Frank H., assignor.)
- Eddy, Albert I., Hillside, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Battery electrode element. 102,020; Nov. 17.
- Edelman, Irving, New York, N. Y. Waffle iron. 102,357; Dec. 15.
- Edelman, Philip E., Chicago, Ill. Electrical humidifier. 98,664; Feb. 25.
- Edison, Harry J., Kasson, Minn. Combined salt and pepper shaker. 98,299; Jan. 28.
- Edison, Thomas A., Incorporated. (See Eddy, Albert I., assignor.)
- Edson, Bert, Pawtucket, R. I. Lace. 98,298; Jan. 28.
- Edson, Bert, Pawtucket, R. I. Lace. 98,646; Feb. 18.
- Edson, Bert, Pawtucket, R. I. Lace. 98,755; Mar. 3.
- Edson, Bert, Pawtucket, R. I. Lace. 98,756; Mar. 3.
- Edson, Bert, Pawtucket, R. I. Lace. 98,799; Mar. 3.
- Edson, Bert, Pawtucket, R. I. Lace. 98,800; Mar. 3.
- Edson, Bert, Pawtucket, R. I. Lace. 100,596; July 28.
- Edson, Bert, Pawtucket, R. I. Lace. 100,760; Aug. 11.
- Edson, Bert, Pawtucket, R. I. Lace. 101,027; Sept. 1.
- Edson, Bert, Pawtucket, R. I. Lace. 101,028; Sept. 1.
- Edson, Bert, Pawtucket, R. I. Lace. 102,224; Dec. 1.
- Edson, Bert, Pawtucket, R. I. Lace. 102,586; Dec. 29.
- Edson, Bert, Pawtucket, R. I., assignor to New England Lace Mills Inc., New York, N. Y. Lace. 101,597; Oct. 13.
- Edson, Bert, Pawtucket, R. I., assignor to New England Lace Mills, Inc., New York, N. Y. Lace. 101,622; Oct. 20.
- Edson, Bert, Pawtucket, R. I., assignor to New England Lace Mills, Inc., New York, N. Y. Lace. 102,077; Nov. 24.
- Edson, Bert, Pawtucket, R. I., assignor to New England Lace Mills, Inc., New York, N. Y. Lace. 102,078; Nov. 24.
- Edson, Bert, Pawtucket, R. I., assignor to New England Lace Mills Inc., New York, N. Y. Lace. 102,223; Dec. 1.
- Edson, Bert, Pawtucket, R. I., assignor to New England Lace Mills, Inc., New York, N. Y. Lace. 102,358; Dec. 15.
- Edson, Bert, Pawtucket, R. I., assignor to New England Lace Mills, Inc., New York, N. Y. Lace. 102,498; Dec. 22.
- Edwards Iron Works, Incorporated. (See Wise, Ralph H., assignor.)
- Edwards Manufacturing Company, The. (See Myers, George D., assignor.)
- Ehrenfeld, Louis. (See White, H. K., Stephen, and Ehrenfeld.)
- Ehrman, Mortimer H., New York, N. Y. Embroidered oil-cloth. 100,597; July 28.
- Ehrman, Mortimer H., New York, N. Y. Embroidered oil-cloth. 100,598; July 28.
- Eidman, Guy G., Houston, Tex. Combined weighing and advertising device. 98,801; Mar. 3.
- Einstein, Albert, New York, N. Y. Blouse. 101,756; Oct. 27.
- Eksergian, Carolus L., and Talmon A. Davenport, Detroit, Mich. Wheel. 100,688; Aug. 4.
- Electric Household Utilities Corporation. (See Hume, John T., assignor.)
- Electro-Mechanical Research Inc. (See Peters, Hans M., assignor.)
- Electrolux Corporation. (See Bel Geddes, Norman, assignor.)
- Electrolux Corporation. (See Lofgren, Gustaf E., assignor.)
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 98,501; Feb. 11.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 98,502; Feb. 11.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 98,503; Feb. 11.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 100,316; July 7.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 100,317; July 7.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 100,318; July 7.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 100,416; July 14.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 100,855; Aug. 18.
- Elkonin, Aaron, Brooklyn, N. Y. Clock dial or similar article. 98,424; Feb. 4.
- Elkonin, Aaron, Brooklyn, N. Y. Combined dial and hands for a clock or similar article. 100,761; Aug. 11.
- Ellerstein, Bernard, assignor to J. Busch, Inc., New York, N. Y. Fork or other article of flatware. 99,503; May 5.
- Ellingham, Harold W., Springfield, Mass. Golf club head. 101,108; Sept. 8.
- Ellington, Ferdinand W., Jamaica, assignor to Delman, Inc., New York, N. Y. Shoe. 98,757; Mar. 3.
- Ellingwood, Finley F., Metuchen, N. J., assignor to Bakelite Corporation, New York, N. Y. Handle for knives, forks, and similar articles. 100,156; June 23.
- Elliott, John C. (See Duff, D., Elliott, and Flickinger.)
- Elliott, Lloyd B., San Francisco, Calif. Game apparatus. 99,570; May 12.
- Ellis, Iris S., Forest Hill Village, Ontario, Canada. Knitting needle. 99,273; Apr. 14.
- Ellwood Company. (See Carbeau, Charles W., assignor.)
- Elmer, Leon H., San Jose, Calif. Plant container. 98,665; Feb. 25.
- Ely, Edwin D., Troy, Pa. Combined garage and tool tray. 102,263; Dec. 8.
- Emerson Electric Mfg. Co., The. (See Persons, Lawrence M., assignor.)
- Emerson, Thomas, assignor to The Conklin Pen Company, Toledo, Ohio. Combined article case and display holder. 100,689; Aug. 4.
- Emery, Elliott G., Jr. (See Monteith, C. N., and Emery.)
- Emig, John G., Auburn, N. Y. Measuring vessel. 99,118; Mar. 31.
- Emmer, Mike H., Los Angeles, Calif. Coffee urn. 102,205; Dec. 1.
- Emmert, George W., Detroit, Mich. Ash receiver or similar article. 98,578; Feb. 18.
- Emmey, Charles, New York, N. Y. Applique emblem or similar article for wearing apparel. 98,058; Jan. 7.
- Emmey, Charles, New York, N. Y. Applique emblem or similar article for wearing apparel. 98,110; Jan. 7.
- Emmey, Charles, New York, N. Y. Applique emblem or similar article for wearing apparel. 98,111; Jan. 7.
- Emmey, Charles, New York, N. Y. Applique emblem or similar article for wearing apparel. 98,300; Jan. 28.
- Emmey, Charles, New York, N. Y. Applique emblem or similar article for wearing apparel. 98,301; Jan. 28.
- Emmey, Charles, New York, N. Y. Applique emblem or similar article for wearing apparel. 98,302; Jan. 28.
- Emmey, Charles, New York, N. Y. Applique emblem or similar article for wearing apparel. 98,303; Jan. 28.
- Emmey, Charles, New York, N. Y. Applique emblem or similar article for wearing apparel. 98,304; Jan. 28.
- Emmey, Charles, New York, N. Y. Applique emblem or similar article for wearing apparel. 98,305; Jan. 28.
- Emmey, Charles, New York, N. Y. Decorative alphabet for forming monograms for wearing apparel or similar article. 98,385; Jan. 28.



- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 98,425; Feb. 4.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 98,579; Feb. 18.
- Emmey, Charles, New York, N. Y. Appliqué emblem for articles of apparel. 98,580; Feb. 18.
- Emmey, Charles, New York, N. Y. Appliqué emblem for articles of apparel. 98,581; Feb. 18.
- Emmey, Charles, New York, N. Y. Applique emblem or similar article for wearing apparel. 99,433; Apr. 28.
- Emmey, Charles, New York, N. Y. Decorative alphabet for forming monograms for wearing apparel or similar article. 99,674; May 19.
- Emmey, Charles, New York, N. Y. Table covering or similar article. 99,767; May 19.
- Emmey, Charles, New York, N. Y. Applique emblem for articles of apparel. 99,931; June 9.
- Emmey, Charles, New York, N. Y. Decorative alphabet for forming appliqué monograms for wearing apparel or similar article. 100,260; July 7.
- Emmey, Charles, New York, N. Y. Decorative alphabet for forming appliqué monogram for wearing apparel or similar article. 100,514; July 21.
- Emmey, Charles, New York, N. Y. Handkerchief pocket top appliqué for wearing apparel. 101,331; Sept. 29.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 101,332; Sept. 29.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 101,333; Sept. 29.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 101,334; Sept. 29.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 101,335; Sept. 29.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 101,336; Sept. 29.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 101,337; Sept. 29.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 101,338; Sept. 29.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 101,339; Sept. 29.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 101,340; Sept. 29.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 101,341; Sept. 29.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 101,342; Sept. 29.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 101,343; Sept. 29.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 101,344; Sept. 29.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 101,345; Sept. 29.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 101,346; Sept. 29.
- Emmey, Charles, New York, N. Y. Appliqué emblem or similar article for wearing apparel. 101,347; Sept. 29.
- Emporium, The. (See Kaplan, Walter, assignor.)
- Emporium-Capwell Company, The. (See Civelli, Joseph, assignor.)
- Engelberg, Joseph, New York, N. Y. Sweater. 99,709; May 19.
- Engh, Walter B., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Heating stove. 102,181; Dec. 1.
- Engholm, Bernard A., Shaker Heights, assignor to The Rola Company, Cleveland, Ohio. Loudspeaker faceplate. 98,715; Feb. 25.
- England, Isaac W., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Can. 102,161; Dec. 1.
- Englehardt, Charles P., assignor to Oldetyme Distillers, Inc., New York, N. Y. Bottle. 102,264; Dec. 8.
- Ennever, Harry, Harrington Park, N. J. Ketchup bottle. 98,504; Feb. 11.
- Enterprise Foundry Company. (See Spooneman, Arthur O., assignor.)
- Epstein, Samuel, New York, N. Y. Shoe. 98,059; Jan. 7.
- Epstein, Samuel, New York, N. Y. Shoe. 98,152; Jan. 14.
- Epstein, Sylvia, New York, N. Y. Ensemble dress. 99,119; Mar. 31.
- Epstein, Sylvia, New York, N. Y. Dress. 101,201; Sept. 8.
- Epstein, Sylvia, New York, N. Y. Ensemble dress. 101,252; Sept. 15.
- Erdos, Sadie, New York, N. Y. Shoe. 102,225; Dec. 1.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 98,921; Mar. 17.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 99,006; Mar. 24.
- Erickson, C. E., Company. (See Petersen, Milton, assignor.)
- Erickson, Ernest R., Des Moines, Iowa. Display sign or similar article. 100,254; July 7.
- Ericson, Emile, Pelham, N. Y., assignor to Collins & Aikman Corporation, Philadelphia, Pa. Textile fabric or similar article. 101,413; Sept. 29.
- Erie Resistor Corporation. (See Sundberg, Carl W., assignor.)
- Eriksen, Clarence M. (See Eriksen, Oliver H. and C. M.)
- Erikson, Oliver H. and C. M. Eriksen, Chico, Calif. Game board. 100,095; June 23.
- Erlins, Maximilian C., Plainfield, N. J. Combined can, bottle and jar opener, and screw driver. 100,469; July 21.
- Estate Stove Company, The. (See Kahn, Bertrand B., assignor.)
- Euler, Arthur E., Oakland, Calif. Pair of goggles or similar article. 102,326; Dec. 15.
- Eureka Vacuum Cleaner Company. (See Schaad, Theodore A., assignor.)
- Evans Case Company. (See Bates, Arthur, assignor.)
- Evans Case Company. (See Bowen, William F., assignor.)
- Evans Case Company. (See Gibson, Thomas M., assignor.)
- Evans Case Company. (See Lawrence, Cecil H., assignor.)
- Evans Case Company. (See Reilly, Alfred F., assignor.)
- Evans, Howell G., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Dentist's combined pedestal cabinet and work holder or the like. 102,265; Dec. 8.
- Evans Products Company. (See Lintern, William, assignor.)
- Evans, Willie, Finsbury Park, London, England. Piano-forte. 100,319; July 7.
- Extract, Maurice, New York, N. Y. Dress. 100,813; Aug. 11.
- Fabry, William H., Alhambra, Calif. Portable air conditioning apparatus. 100,209; June 30.
- Factor, Davis, assignor to Max Factor & Co., Los Angeles, Calif. Jar. 100,010; June 16.
- Factor, Max, & Co. (See Factor, Davis, assignor.)
- Fago, Louis, Chicago, Ill. Brooch. 98,666; Feb. 25.
- Fairbanks, E. and T., and Company. (See Hadley, Harlan A., assignor.)
- Fairbanks-Morse Home Appliances, Inc. (See Berg, Hans, assignor.)
- Faleck, Frank, assignor to Ansonia De Luxe Shops, Inc., New York, N. Y. Shoe. 99,784; May 26.
- Faleck, Frank, assignor to Ansonia De Luxe Shops, Inc., New York, N. Y. Shoe. 100,096; June 23.
- Faleck, Frank, New York, N. Y. Shoe. 100,417; July 14.
- Faleck, Frank, New York, N. Y. Shoe. 100,418; July 14.
- Faleck, Frank, New York, N. Y. Shoe. 100,467; July 21.
- Faleck, Frank, New York, N. Y. Shoe. 100,468; July 21.
- Faleck, Frank, New York, N. Y. Shoe. 100,762; Aug. 11.
- Faleck, Frank, New York, N. Y. Shoe. 100,763; Aug. 11.
- Faleck, Frank, New York, N. Y. Shoe. 101,491; Oct. 6.
- Faleck, Frank, New York, N. Y. Shoe. 101,492; Oct. 6.
- Fales, George O., Los Angeles, Calif. Novelty pin. 100,320; July 7.
- Falk, Arthur G., Chicago, Ill. Illuminating cabinet. 98,753; Mar. 3.
- Falk, Charles T., Kansas City, Mo. Salesman's display trailer. 102,182; Dec. 1.
- Famolare, Joseph P., Arlington, assignor to Stritter Shoe Co., Lynn, Mass. Shoe. 98,759; Mar. 3.
- Famolare, Joseph P., Arlington, assignor to Stritter Shoe Co., Lynn, Mass. Shoe. 98,760; Mar. 3.
- Farber, Milton H., Brooklyn, N. Y. Condiment shaker. 99,191; Apr. 7.
- Farber, Milton H., Brooklyn, N. Y. Condiment shaker. 101,109; Sept. 8.
- Farber, S. W., Inc. (See Farber, Simon W., assignor.)
- Farber, Simon W., Brooklyn, N. Y. Coffee maker. 100,321; July 7.
- Farber, Simon W., Brooklyn, N. Y. Coffee maker. 100,553; July 28.
- Farber, Simon W., Brooklyn, N. Y. Coffee maker. 100,554; July 28.
- Farber, Simon W., assignor to S. W. Farber, Inc., Brooklyn, N. Y. Electric stove. 98,922; Mar. 17.
- Farber, Simon W., assignor to S. W. Farber, Inc., Brooklyn, N. Y. Serving tray. 98,923; Mar. 17.
- Farber, Simon W., assignor to S. W. Farber, Inc., Brooklyn, N. Y. Handle for a coffee maker or similar article. 99,192; Apr. 7.
- Farina Chaves Shoe Company. (See Atkins, Thomas R., assignor.)
- Farley, Edward E. (See Bird, K. A., and Farley.)
- Farmer, Edward B., St. Johnsbury, Vt. Garment hanger. 98,474; Feb. 4.
- Farnum, John A., Worcester, Mass. Boot hook. 98,386; Jan. 28.
- Farny, Cyril, St. Charles, assignor to Wurlitzer Grand Piano Company, De Kalb, Ill. Grand piano. 101,767; Nov. 3.
- Farr, Fred D., Mamaroneck, assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Book rack or similar article. 99,120; Mar. 31.
- Farr, Fred D., Mamaroneck, assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Book rack or similar article. 99,121; Mar. 31.
- Farr, Fred D., Mamaroneck, assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Book rack or similar article. 101,521; Oct. 13.
- Farrell Manufacturing Company. (See Crossen, Robert W., Jr., assignor.)
- Farrell Manufacturing Company. (See Ferguson, Allan R., assignor.)
- Fassin, Gustave, Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Projector lamp house. 98,924; Mar. 17.
- Fassin, Gustave, Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Projector. 101,522; Oct. 13.
- Fatherley, Robert E., Darien, Conn., assignor to M. D. Kornfeld, New York, N. Y. Textile fabric or similar article. 102,359; Dec. 15.



- Fatherley, Robert E., Darien, Conn., assignor to M. D. Kornfeld, New York, N. Y. Textile fabric or similar article. 102,360; Dec. 15.
- Fatherley, Robert E., Darien, Conn., assignor to M. D. Kornfeld, New York, N. Y. Textile fabric or similar article. 102,361; Dec. 15.
- Fauer, Jacob N., New York, N. Y. Coat. 98,242; Jan. 21.
- Faulhaber, Roland W., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle seat. 98,306; Jan. 28.
- Faulhaber, Roland W., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle seat. 98,387; Jan. 28.
- Faulhaber, Roland W., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle seat. 98,388; Jan. 28.
- Faulhaber, Roland W., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle seat. 98,389; Jan. 28.
- Faulhaber, Roland W., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle seat. 98,390; Jan. 28.
- Faulhaber, Roland W., assignor to The Troxel Mfg. Company, Elyria, Ohio. Saddle. 98,667; Feb. 25.
- Faulhaber, Roland W., assignor to The Lobdell-Emery Manufacturing Company, Alma, Mich. Cycle saddle. 102,266; Dec. 8.
- Fay, Joseph W., Villa Park, assignor of one-half to E. F. Chambliss, Chicago, Ill. Cover for a cooking pan or the like. 100,992; Aug. 25.
- Fay, Joseph W., Villa Park, assignor to E. F. Chambliss, Chicago, Ill. Cover for a cooking pan or the like. 100,993; Aug. 25.
- Feder-Gregg Shoe Company, The. (See Goldman, Bernard R., assignor.)
- Federal Electric Company. (See Scott, William W., assignor.)
- Federal Glass Company, The. (See Nicholson, Albert H., assignor.)
- Fegley, Thomas J., Jenkintown, and G. O. Leopold, assignors to North Bro's M'fg. Co., Philadelphia, Pa. Combined ice crusher and beverage container. 98,582; Feb. 18.
- Fegley, Thomas J., Jenkintown, and G. O. Leopold, assignors to North Bro's M'fg. Co., Philadelphia, Pa. Bridge bar for ice cream freezers. 101,523; Oct. 13.
- Fehn, Joseph, San Antonio, and B. Schmidt, La Grange, Tex. Foot exercising footrest. 101,862; Nov. 10.
- Feifer, Harry, Passaic, N. J. Slipper. 99,785; May 26.
- Feinauer, George A., assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 98,925; Mar. 17.
- Felch, Carmen S., assignor to E. E. Weller, Providence, R. I. Shoe buckle. 99,601; May 12.
- Feldermann, William, South Orange, N. J. Humidifier. 98,716; Feb. 25.
- Feldman, Jacob C., Boston, assignor to New England Bedding Company, Medford, Mass. Glider or similar article. 101,165; Sept. 8.
- Fellows, Harrison E., assignor to Webster Electric Company, Racine, Wis. Fuel supply unit for oil burners. 98,505; Feb. 11.
- Felmann, Henri, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 101,692; Oct. 27.
- Felmann, Henri, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 101,693; Oct. 27.
- Felmann, Henri, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 101,694; Oct. 27.
- Felmann, Henri, assignor to Morris Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 101,863; Nov. 10.
- Felmann, Henri, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 101,864; Nov. 10.
- Felmann, Henri, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 102,183; Dec. 1.
- Felmann, Henri, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 102,184; Dec. 1.
- Felmann, Henri, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 102,267; Dec. 8.
- Felmann, Henri, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 102,306; Dec. 8.
- Felmann, Henri, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 102,307; Dec. 8.
- Felmann, Henri, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 102,308; Dec. 8.
- Felton & Son, Inc. (See Stanley, Malcolm N., assignor.)
- Ferar, Montgomery. (See Sundberg, C. W., and Ferar.)
- Ferguson, Allan R., assignor to Farrell Manufacturing Company, Joliet, Ill. Tank vehicle. 98,978; Mar. 17.
- Ferguson, Allan R., assignor to Farrell Manufacturing Company, Joliet, Ill. Tank vehicle. 99,007; Mar. 24.
- Ferguson, Allan R., assignor to Farrell Manufacturing Company, Joliet, Ill. Tank vehicle. 99,077; Mar. 24.
- Ferguson, Robert M., Jr., Newark, N. J. Automobile body or similar article. 98,060; Jan. 7.
- Ferguson, Robert M., Dania, Fla. Settee. 101,273; Sept. 22.
- Feuerstein, Abraham H., New York, N. Y. Button. 102,226; Dec. 1.
- Field Manufacturing Company, The. (See Butterfield, Thomas F., assignor.)
- Filippone, B., & Co. (See Tanzi, Guido, assignor.)
- Fineberg, Abraham, Detroit, Mich. Carpet sweeper. 101,917; Nov. 10.
- Fink, Henry W. (See Will, C. H., and Fink.)
- Finn, George, Newark, N. J. Combination grill and cooking top for gas stoves. 99,122; Mar. 31.
- First Textile Corporation, The. (See Gantz, Moses F., assignor.)
- Fischer, Benjamin, New York, N. Y. Combined ski pants and spats. 100,419; July 14.
- Fisher, Fred H., Syracuse, assignor to Morris W. Haft & Brothers, Inc., New York, N. Y. Button. 98,583; Feb. 18.
- Fisher, Fred H., Syracuse, assignor to Morris W. Haft & Brothers, Inc., New York, N. Y. Button. 98,584; Feb. 18.
- Fisher, Fred H., Syracuse, assignor to Morris W. Haft & Brothers, Inc., New York, N. Y. Button. 98,585; Feb. 18.
- Fisher, Fred H., assignor to Syracuse Ornamental Company, Syracuse, N. Y. Combination desk unit. 99,932; June 9.
- Fisher, Fred H., assignor to Syracuse Ornamental Company, Syracuse, N. Y. Combination desk unit. 99,933; June 9.
- Fisher, Fred H., Syracuse, assignor to Morris W. Haft & Brothers, Inc., New York, N. Y. Button. 101,943; Nov. 17.
- Fisher, Fred H., Syracuse, assignor to Morris W. Haft & Brothers, Inc., New York, N. Y. Button. 101,944; Nov. 17.
- Fisher, Fred H., Syracuse, assignor to Morris W. Haft & Brothers, Inc., New York, N. Y. Button. 101,945; Nov. 17.
- Fisher, Henry A., Parkersburg, W. Va. Tray. 99,857; June 2.
- Fisher, Henry A., Parkersburg, W. Va. Lamp. 101,253; Sept. 15.
- Fishman, Jacob, Brooklyn, N. Y., assignor to Geo. E. Keith Company, Campello, Mass. Shoe. 98,307; Jan. 28.
- Fishman, Jacob, Brooklyn, N. Y., assignor to Geo. E. Keith Company, Campello, Mass. Shoe. 100,420; July 14.
- Fisk Rubber Corporation, The. (See Willcox, Charles P., assignor.)
- Fisken, Clarence P., assignor to General Motors Corporation, Detroit, Mich. Helmet. 100,814; Aug. 11.
- Fitch, Hurlshel H., assignor to Auburn Foundry, Inc., Auburn, Ind. Combined hopper, power unit, and fan casing for stokers. 101,598; Oct. 13.
- Fitness, Ray J., Lansing, Mich., assignor to Reo Motor Car Company. Automobile bumper guard. 100,599; July 28.
- Fitzmaurice, Douglas F. H., London, England. Automobile. 99,237; Apr. 7.
- Fitzmaurice, Douglas F. H., London, England. Automobile. 100,186; June 23.
- Fitzmaurice, Douglas F. H., London, England. Automobile. 100,210; June 30.
- 5¢ Cup Inc., The. (See Roach, Jesse E., assignor.)
- 5¢ Cup Inc., of New Jersey, The. (See Roach, Jesse E., assignor.)
- Flannery, Vaughn, assignor to The Borden Company, New York, N. Y. Bottle. 102,268; Dec. 8.
- Flasche, William F., Lakewood, assignor to The Dickey-Grabler Company, Cleveland, Ohio. Burial case handle. 99,622; May 12.
- Flaster, Alfred A., Bronx, N. Y. Combined manicure stand and containers therefor. 98,243; Jan. 21.
- Flato, Paul E., Inc. (See Hammond, Natalie H., assignor.)
- Fleisch, Joseph R., Clifton, N. J., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure cap or similar article. 98,717; Feb. 25.
- Fleisch, Joseph R., Clifton, N. J., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure cap or similar article. 98,926; Mar. 17.
- Fleisch, Joseph R., Clifton, N. J., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure cap or similar article. 99,274; Apr. 14.
- Fleisch, Joseph R., Clifton, N. J., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure cap or similar article. 100,515; July 21.
- Fleisch, Joseph R., Clifton, N. J., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Bottle cap or similar article. 101,029; Sept. 1.
- Fleisch, Joseph R., Clifton, N. J., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure cap or similar article. 101,623; Oct. 20.
- Fleischer, Charles, New York, N. Y. Merchandise display cabinet. 99,275; Apr. 14.
- Fleischmann Distilling Corporation, The. (See Fuerst, Edwin W., assignor.)
- Fleischmann, Edwin M., Baltimore, assignor to Maryland Distillery, Inc., Relay, Md. Bottle. 100,011; June 16.
- Fleisher, Harry, assignor to Princeton Inc., Watertown, Conn. Knitted fabric. 99,477; Apr. 28.
- Flickinger, Jacob J. (See Duff, D., Elliott, and Flickinger.)
- Flier, Leo, New York, N. Y. Jewelry display case. 98,244; Jan. 21.
- Flier, Leo, Brooklyn, N. Y. Jewelry display case. 100,261; July 7.
- Flint, Margaret Y., Westport, assignor to Peter Paul, Inc., Naugatuck, Conn. Label blank. 98,927; Mar. 17.
- Flodin, Victor E., Oak Park, assignor to Crane Co., Chicago, Ill. Rotary valve. 98,061; Jan. 7.
- Flodin, Victor E., Oak Park, Ill., assignor to Crane Co., Chicago, Ill. Combined rotary valve and operating means. 101,030; Sept. 1.



- Floraday, Burton S., assignor to Dura Company, Toledo, Ohio. Dome light. 98,308; Jan. 28.
- Floray Products Inc. (See Mehl, Jonah, assignor.)
- Florence Stove Company. (See Bradbury, William T., assignor.)
- Florence Stove Company. (See Kruck, Ralph E., assignor.)
- Florman, Irving, New York, N. Y. Cigarette and cigar lighter. 98,245; Jan. 21.
- Florsheim Shoe Company, The. (See Levin, David E., assignor.)
- Food Machinery Corporation. (See Magnuson, Roy M., assignor.)
- Ford Amusement Devices, Inc. (See Squire, Nathan E., assignor.)
- Ford, George E. (See Mulcahy, W. M., and Ford.)
- Ford, Henry L., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Stove. 100,012; June 16.
- Ford Motor Company. (See Galamb, Joseph, assignor.)
- Fordyce, Charles L., assignor to Martin S. Breslau & Co., Inc., New York, N. Y. Lamp or similar article. 100,917; Aug. 18.
- Forman Bros. Inc. (See Forman, Solomon, assignor.)
- Forman, Solomon, assignor to Forman Bros. Inc., Brooklyn, N. Y. Cocktail shaker. 98,855; Mar. 10.
- Forsberg, Albin L., assignor to The Warfield Company, Chicago, Ill. Can cover. 101,166; Sept. 8.
- Forstmann, C. E., Montclair, N. J. Textile fabric. 99,571; May 12.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 98,246; Jan. 21.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 98,802; Mar. 3.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 99,159; Mar. 31.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 99,858; June 2.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 99,859; June 2.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 99,860; June 2.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 100,764; Aug. 11.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 101,031; Sept. 1.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 101,167; Sept. 8.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 101,300; Sept. 22.
- Fortune Fabrics, Inc. (See Holm, Marie, assignor.)
- Foster, Benjamin H., Lisbon Falls, assignor to Barker Shoe Company, Inc., Auburn, Maine. Moccasin. 102,419; Dec. 22.
- Foster, L. Talge. (See Majewski, Joseph M., Jr., assignor.)
- Fourness, Charles A., Appleton, Wis., assignor to International Cellucotton Products Company, Chicago, Ill. Paper handkerchief or similar article. 98,745; Feb. 25.
- Fowler, Fred D., Newton, Mass., assignor to Hood Rubber Company, Inc., Watertown, Mass. Shoe sole. 99,934; June 9.
- Fowler, William S., assignor to Hampden Glazed Paper & Card Co., Holyoke, Mass. Cover paper or similar article. 102,269; Dec. 8.
- Fox, Alexander P., University City, assignor to Lincoln Engineering Company, St. Louis, Mo. Automobile service station island group base unit. 100,097; June 23.
- Fox, Edw., Baking Co. (See Brennan, Patrick J., assignor.)
- Fox, Jerome J., New York, N. Y. Glove. 98,391; Jan. 28.
- Fox, Jerome J., New York, N. Y. Glove. 100,072; June 16.
- Fox, Joseph H., Long Island City, N. Y. Combination mirror and memorandum tablet or similar article. 100,365; July 14.
- Fradkin, Samuel, Lewiston, Maine. Shoe. 101,768; Nov. 3.
- Fradkin, Samuel, Lewiston, Maine. Shoe. 102,128; Dec. 1.
- Fraim, Samuel R., Lancaster, Pa. Combination lock. 101,452; Oct. 6.
- France, Edgar G., South Bend, Ind., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Cabinet for a sewing machine. 100,157; June 23.
- Francis, Lynn M., Birmingham, assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Automobile carrying trailer. 102,309; Dec. 8.
- Franklin, Lester K., Chicago, Ill. Combined fish bowl and stand. 98,718; Feb. 25.
- Franklin, Lester K., Chicago, Ill. Boat ornament. 98,761; Mar. 3.
- Franklin, Lester K., Chicago, Ill. Combined fish bowl and stand. 98,762; Mar. 3.
- Franklin, Lester K., Chicago, Ill. Ashtray. 98,803; Mar. 3.
- Franklin, Lester K., Chicago, Ill. Dancing figure ornament. 100,013; June 16.
- Franklin, Lester K., Chicago, Ill. Radiator cap ornament. 100,098; June 23.
- Franklin, Lester K., Chicago, Ill. Radiator cap ornament. 100,491; July 21.
- Franklin Simon & Co. (See Casabona, Bettina, assignor.)
- Franklin Simon & Co. (See Hannah, Elfrieda, assignor.)
- Franklin Simon & Co. (See Karp, William, assignor.)
- Franklin Simon & Co. (See Markowitz, Abe, assignor.)
- Franklin Simon & Co. (See Mayer, Viola, assignor.)
- Franklin Simon & Co. (See Porpora, Mary, assignor.)
- Franklin Simon & Co. (See Rentner, Ira, assignor.)
- Franklin Simon & Co. (See Vella, Jenny, assignor.)
- Franklin Simon & Co. (See Woolfe, William S., assignor.)
- Frantz, Walter A., Shaker Heights, Ohio. Case for radio receiving apparatus. 101,668; Oct. 20.
- Frazier, John F., assignor to Gar Wood Industries, Inc., Detroit, Mich. Tank vehicle. 101,348; Sept. 29.
- Frazier, John F., assignor to Gar Wood Industries, Inc., Detroit, Mich. Tank vehicle. 101,349; Sept. 29.
- Frazier, John F., assignor to Gar Wood Industries, Inc., Detroit, Mich. Tank vehicle. 101,350; Sept. 29.
- Frazier, John F., assignor to Gar Wood Industries, Inc., Detroit, Mich. Vehicle. 101,351; Sept. 29.
- Frazier, John F., assignor to Gar Wood Industries, Inc., Detroit, Mich. Vehicle. 101,478; Oct. 6.
- Freed, Mona, New York, N. Y. Dress. 99,123; Mar. 31.
- Freedgood, Samuel L., Long Beach, N. Y. Slip. 100,994; Aug. 25.
- Freedman, Marvin J., Buffalo, N. Y. Ring frame. 100,815; Aug. 11.
- Freedman, Stewart S., assignor to Kolmar, Inc., Cincinnati, Ohio. Bottle. 102,420; Dec. 22.
- Frei, John, Jr., Chicago, Ill. Illuminated altar. 101,524; Oct. 13.
- Frei, Karl. (See Lasch, A., and Frei.)
- French Renovating Company, The. (See Beitman, Albert B., assignor.)
- Freske, Theresa, Minneapolis, Minn. Crucifix or the like. 102,270; Dec. 8.
- Freund, Joseph L., New York, N. Y. Pillow slip or similar article. 98,153; Jan. 14.
- Freund, Joseph L., New York, N. Y. Pillow slip or similar article. 98,154; Jan. 14.
- Freund, Joseph L., New York, N. Y. Pillow slip or similar article. 98,155; Jan. 14.
- Freysinger, John B., New Britain, Conn. Buckle. 98,507; Feb. 11.
- Freysinger, John B., New Britain, Conn. Buckle. 98,586; Feb. 18.
- Freysinger, John B., New Britain, Conn. Buckle. 98,668; Feb. 25.
- Freysinger, John B., New Britain, Conn. Buckle. 99,008; Mar. 24.
- Freysinger, John B., New Britain, Conn. Buckle. 99,174; Mar. 31.
- Freysinger, John B., New Britain, Conn. Buckle. 99,349; Apr. 21.
- Freysinger, John B., New Britain, Conn. Buckle. 100,158; June 23.
- Freysinger, John B., New Britain, Conn. Buckle. 100,421; July 14.
- Freysinger, John B., New Britain, Conn. Buckle. 100,765; Aug. 11.
- Freysinger, John B., New Britain, Conn. Buckle. 101,624; Oct. 20.
- Freysinger, John B., New Britain, Conn. Buckle. 101,769; Nov. 3.
- Freysinger, John B., New Britain, Conn. Buckle. 101,770; Nov. 3.
- Freysinger, John B., New Britain, Conn. Buckle. 101,946; Nov. 17.
- Freysinger, John B., New Britain, Conn. Buckle. 102,129; Dec. 1.
- Freysinger, John B., New Britain, Conn. Buckle. 102,551; Dec. 29.
- Frick, Chester A., Muncie, Ind. Spot welder. 99,325; Apr. 14.
- Frick, Chester A., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Refrigerator cabinet. 100,073; June 16.
- Frick, Chester A., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Refrigerator cabinet. 101,525; Oct. 13.
- Friedberger-Aaron Manufacturing Company. (See Aull, Harry, assignor.)
- Friedberger-Aaron Manufacturing Company. (See Reichert, Harry, assignor.)
- Friedenwald, Herbert, Washington, D. C. Chandelier. 98,856; Mar. 10.
- Friedlein, Robert E. (See Kubler, E. C., and Friedlein.)
- Friedman, Emery E., Chicago, Ill. Playing card. 99,935; June 9.
- Friedman, Leonard I., New York, N. Y. Leather. 100,516; July 21.
- Friedman, Leonard I., Brooklyn, N. Y. Leather. 100,766; Aug. 11.
- Friedman, Louis E., Brooklyn, N. Y. Slipper. 100,211; June 30.
- Friedman, Martin C., Grand Rapids, Mich., and I. M. Stone, Cleveland Heights, Ohio. Broiler pan. 102,362; Dec. 15.
- Friez, Lucien L., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Air-conditioning control device or similar article. 100,262; July 7.
- Frigid Fluid Company. (See Kaiser, Ernest, assignor.)
- Frisbie, Marshall H., Hamden, assignor to The A. C. Gilbert Company, New Haven, Conn. Electric fan. 100,690; Aug. 4.
- Frischman, Arthur, New York, N. Y. Sofa or similar article. 100,995; Aug. 25.
- Fritts, Edwin C., Rochester, and W. D. Teague, New York, assignors to Eastman Kodak Company, Rochester, N. Y. Projector casing. 99,675; May 19.



- Froelich, Carl E., assignor to Continental Stove Corporation, Ironton, Ohio. Heater. 100,856; Aug. 18.
- Fry, Benjamin L., St. Louis, Mo. Game board. 100,322; July 7.
- Fry, Benjamin W., St. Louis, Mo. Vending machine. 99,009; Mar. 24.
- Fry, George A., Saginaw, Mich. Marble game device. 102,421; Dec. 22.
- Fuchs, Kay, New York, N. Y. Glove. 100,816; Aug. 11.
- Fuchs, Kay, New York, N. Y. Glove. 100,817; Aug. 11.
- Fuchs, Kay, New York, N. Y. Glove. 100,901; Aug. 18.
- Fuerst, Brooks D., Toledo, Ohio, assignor to Glaser Crandall Company, Chicago, Ill. Bottle. 98,426; Feb. 4.
- Fuerst, Brooks D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jar. 99,639; May 12.
- Fuerst, Brooks D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 100,323; July 7.
- Fuerst, Brooks D., Toledo, Ohio, assignor to The Frank L. Wight Distilling Company, Baltimore, Md. Bottle. 100,367; July 14.
- Fuerst, Brooks D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Cup. 101,865; Nov. 10.
- Fuerst, Brooks D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 102,422; Dec. 22.
- Fuerst, Edwin W. (See Desser, M. S., and Fuerst.)
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Book end. 98,506; Feb. 11.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Ashtray. 98,764; Mar. 3.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jar. 98,857; Mar. 10.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 99,350; Apr. 21.
- Fuerst, Edwin W., Toledo, Ohio, assignor to The Fleischmann Distilling Corporation, New York, N. Y. Bottle. 99,434; Apr. 28.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jar. 100,014; June 16.
- Fuerst, Edwin W., Toledo, Ohio, assignor to S. C. Johnson & Son, Inc., Racine, Wis. Bottle. 100,366; July 14.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 100,691; Aug. 4.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 101,032; Sept. 1.
- Fuerst, Edwin W., Toledo, Ohio, assignor to Duffy Mott Co., Inc., New York, N. Y. Jar. 101,810; Nov. 3.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 101,984; Nov. 17.
- Fukal, Alfred F., Chicago, Ill. Food mixer. 98,669; Feb. 25.
- Fukal, Alfred F., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Toaster. 98,247; Jan. 21.
- Fukal, Alfred F., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Sugar bowl. 100,263; July 7.
- Fuller, Edwin R., Los Angeles, Calif. Vending cabinet. 99,276; Apr. 14.
- Fuller, Paul M., Chicago, Ill., assignor to The Rudolph Wurlitzer Manufacturing Company, Buffalo, N. Y. Phonograph cabinet. 99,277; Apr. 14.
- Fuller, Paul M., Chicago, Ill., assignor to The Rudolph Wurlitzer Manufacturing Company, Buffalo, N. Y. Phonograph cabinet. 99,936; June 9.
- Fuller, Paul M., Chicago, Ill., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Game apparatus. 102,423; Dec. 22.
- Funfrock, John G., Morgantown, W. Va. Glass goblet. 99,744; May 19.
- Funkey, John H., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 100,368; July 14.
- Funkey, John H., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Condiment shaker. 100,996; Aug. 25.
- Furedy, Frank, assignor to Twin-Glo Lamp Co. Inc., New York, N. Y. Electric lamp. 100,099; June 23.
- Furlong, Calvin L., Detroit, Mich. Automobile hood ridge ornament. 100,492; July 21.
- G. B. G. Corporation. (See Abramson, Abraham, assignor.)
- Gabe, A. Lester, New York, assignor to Kerk Guild, Inc., Utica, N. Y. Doll baby novelty. 98,062; Jan. 7.
- Gadberry, Ward M. (See Kramer, J. M., Gadberry, and McElvain.)
- Gadberry, Ward M., assignor to A. A. Kramer, Kansas City, Mo. Operating lever for tank closures. 99,160; Mar. 31.
- Gaertner, Frederick J., Maplewood, N. J. Finger ring. 101,110; Sept. 8.
- Gaertner, Frederick J., Maplewood, N. J. Finger ring. 101,111; Sept. 8.
- Gaertner, Frederick J., Maplewood, N. J. Finger ring. 102,079; Nov. 24.
- Gage, Charles S., Cold Spring on Hudson, assignor to Lenthic Incorporated, New York, N. Y. Box. 98,587; Feb. 18.
- Gager, Curtis H., Scarsdale, assignor to Walter Baker & Company, Inc., New York, N. Y. Chocolate bar. 98,858; Mar. 10.
- Gailor, Chester F., Brooklyn, N. Y. Grinding wheel. 102,027; Nov. 24.
- Gaire, Paul G., New York, N. Y. Cabinet for hair waving machines. 100,493; July 21.
- Galamb, Joseph, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Bumper bar guard or similar article. 102,464; Dec. 22.
- Galanti, Robert, Elmhurst, N. Y. Accordion. 98,508; Feb. 11.
- Galley, Inc., The. (See Brumbaugh, George E., assignor.)
- Galter, Jack, Chicago, Ill. Lighter. 99,786; May 26.
- Gamewell Company, The. (See Weld, Foster E., assignor.)
- Gantz, Moses F., Yonkers, assignor to The First Textile Corporation, New York, N. Y. Textile fabric. 98,928; Mar. 17.
- Gantz, Moses F., Yonkers, assignor to The First Textile Corporation, New York, N. Y. Textile fabric. 98,929; Mar. 17.
- Gantz, Moses F., Yonkers, assignor to The First Textile Corporation, New York, N. Y. Textile fabric. 99,161; Mar. 31.
- Ganz, Paul H., New York, N. Y. Combined bottle and stopper. 98,427; Feb. 4.
- Ganz, Paul H., New York, N. Y. Combination bottle and stopper. 99,572; May 12.
- Ganz, Paul H., New York, N. Y. Combined bottle and stopper. 100,264; July 7.
- Ganz, Paul H., New York, N. Y. Lip stick case. 100,692; Aug. 4.
- Garbell, Max, assignor to Victor Adding Machine Company, Chicago, Ill. Cash register. 99,745; May 19.
- Gardiner, Carl W., Short Hills, N. J. Combined display and container cabinet for manicuring implements or similar article. 102,424; Dec. 22.
- Garshofsky, Lewis, New York, N. Y. Breakfast table. 98,588; Feb. 18.
- Garshofsky, Lewis, New York, N. Y. Breakfast table. 98,589; Feb. 18.
- Garwood, Charles B., Linthicum Heights, assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 98,859; Mar. 10.
- Garwood, Charles B., Linthicum Heights, Md., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 99,010; Mar. 24.
- Garwood, Charles B., Linthicum Heights, Md., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 99,011; Mar. 24.
- Garwood, Charles B., Linthicum Heights, Md., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 99,012; Mar. 24.
- Gary, Harold E. B., Aurora, Ill. Toy glider. 101,734; Oct. 27.
- Gast, George A., assignor to R. T. Moloney, Chicago, Ill. Cabinet for coin operated simulated race game. 99,746; May 19.
- Gatch, Milton W., Baltimore, Md. Fly swatter. 102,425; Dec. 22.
- Gaughan, John J., Boston, Mass., assignor to Hookless Fastener Company, Meadville, Pa. Shoe. 102,028; Nov. 24.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 98,309; Jan. 28.
- Gaul, John F., Jr., Clifton, N. J., assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 98,930; Mar. 17.
- Gaul, John F., Jr., Clifton, N. J., assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 99,013; Mar. 24.
- Gaul, John F., Jr., Clifton, N. J., assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 99,014; Mar. 24.
- Gaul, John F., Jr., Clifton, N. J., assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 99,015; Mar. 24.
- Gaul, John F., Jr., Clifton, N. J., assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 99,078; Mar. 24.
- Gaul, John F., Jr., Clifton, N. J., assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 99,079; Mar. 24.
- Gaul, John F., Jr., Clifton, N. J., assignor, by mesne assignments, to Reconstruction Finance Corporation. Textile fabric or similar article of manufacture. 99,937; June 9.
- Gaul, John F., Jr., Clifton, N. J., assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 100,943; Aug. 25.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,301; Sept. 22.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,302; Sept. 22.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,303; Sept. 22.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,304; Sept. 22.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,305; Sept. 22.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,306; Sept. 22.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,352; Sept. 29.



- Gaul, John F. Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,493; Oct. 6.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,526; Oct. 13.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,579; Oct. 13.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,580; Oct. 13.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,581; Oct. 13.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,582; Oct. 13.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,695; Oct. 27.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,696; Oct. 27.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,697; Oct. 27.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,698; Oct. 27.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,699; Oct. 27.
- Gaul, John F., Jr., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric or similar article of manufacture. 101,700; Oct. 27.
- Gaw-O'Hara Envelope Company. (See Thompson, Allan M., assignor.)
- Geddes, Norman B., New York, N. Y., assignor, by mesne assignments, to Electrolux Corporation, Dover, Del. Vacuum cleaner casing. 98,824; Mar. 10.
- Geddes, Norman B., New York, assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Electric lamp. 98,908; Mar. 17.
- Geddes, Norman B., New York, assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Tray. 101,414; Sept. 29.
- Geeraert, Dorothy, New York, N. Y. Drip coffee maker or similar article. 100,445; July 14.
- Geerlings, Gerald K. (See Kohler, W. J., and Geerlings.)
- Gehring, Frank, New York, N. Y. Lace. 98,392; Jan. 28.
- Gehring, Frank P., New York, N. Y. Lace. 99,861; June 2.
- Gehring, Frank P., New York, N. Y. Lace. 100,446; July 14.
- Gehring, Frank P., New York, N. Y. Lace. 100,447; July 14.
- Gehring, Frank P., New York, N. Y. Lace. 100,448; July 14.
- Gehring, Frank P., New York, N. Y. Lace. 100,997; Aug. 25.
- Gehring, Frank P., New York, N. Y. Lace. 100,998; Aug. 25.
- Gehring, Frank P., New York, N. Y. Lace. 102,298; Dec. 8.
- Gehring, Frank P., New York, N. Y. Lace. 102,299; Dec. 8.
- Gehring, Frank P., New York, N. Y. Lace. 102,363; Dec. 15.
- Gehring, Frank P., New York, N. Y. Lace. 102,364; Dec. 15.
- Gehring, Harry, New York, N. Y. Lace. 100,369; July 14.
- Geist, Irving, New York, N. Y. Blouse. 98,156; Jan. 14.
- Geist, Irving, New York, N. Y. Blouse. 98,157; Jan. 14.
- Geist, Irving, New York, N. Y. Blouse. 98,248; Jan. 21.
- Geist, Irving, New York, N. Y. Blouse. 101,214; Sept. 15.
- Geist, Irving, New York, N. Y. Blouse. 102,130; Dec. 1.
- Geist, Irving, New York, N. Y. Blouse. 102,552; Dec. 29.
- Gelber, Max, Hackensack, N. J., assignor to American Novelty Wash Suit Company. Play suit. 101,081; Sept. 1.
- Geller, Harry, New York, N. Y. Shoe. 102,131; Dec. 1.
- Geller, Harry, New York, N. Y. Shoe. 102,132; Dec. 1.
- Geller, Harry, New York, N. Y. Shoe. 102,133; Dec. 1.
- Geller, Hugo, assignor to Patchogue-Plymouth Mills Corporation, New York, N. Y. Lace curtain. 101,353; Sept. 29.
- Gellman, Israel C., Rock Island, Ill. Frame for combination bread slicing and wrapping machine. 102,426; Dec. 22.
- Gemex Company. (See Prestinari, Eugen, assignor.)
- General Bindery Company. (See Hougland, Frederic A., assignor.)
- General Door Company. (See Greegor, Ralph H., assignor.)
- General Electric Company. (See Beck, George A., assignor.)
- General Electric Company. (See Gosling, Joseph W.)
- General Electric Company. (See Halvorson, Cromwell A. B., assignor.)
- General Electric Company. (See Kinnard, Isaac F., assignor.)
- General Electric Company. (See Nereim, Roy O., assignor.)
- General Electric Company. (See Patten, Raymond E., assignor.)
- General Electric Company. (See Petzold, William B., assignor.)
- General Electric Company. (See Rainbault, John P., assignor.)
- General Fibre Products, Incorporated. (See Hamerstadt, William D., assignor.)
- General Fireproofing Company, The. (See Powell, Dwight, assignor.)
- General Foods Corporation. (See Torongo, Albert H., assignor.)
- General Glass Corporation. (See Barbiers, Ferdinand S., assignor.)
- General Household Utilities Company. (See Grunow, W. C., Coots, and Kenney, assignors.)
- General Metal Products Company. (See Mattick, Ralph, assignor.)
- General Motors Corporation. (See Fiskens, Clarence P., assignor.)
- General Motors Corporation. (See Hershey, Franklin Q., assignor.)
- General Motors Corporation. (See Little, John H., assignor.)
- General Motors Corporation. (See Milner, Wilfred R.)
- General Motors Corporation. (See Oberheu, Fred A., assignor.)
- General Motors Corporation. (See Reynolds, Carl, Jr., assignor.)
- General Scientific Corporation. (See Miesse, Richard E., assignor.)
- General Time Instruments Corporation. (See Schlenker, M., and Reinhardt, assignors.)
- Gentner, Frederick, Philadelphia, Pa. Curtain. 100,449; July 14.
- Gerber, William J., Jr., Tell City, Ind. Bottle. 98,931; Mar. 17.
- Gerli, Simonne, New York, N. Y. Bracelet, or similar article. 102,162; Dec. 1.
- Germanow, Harry, assignor to Germanow-Simon Machine Company, Rochester, N. Y. Desk thermometer or similar article. 100,100; June 23.
- Germanow-Simon Machine Company. (See Germanow, Harry, assignor.)
- Geromanos, George W., Rahway, N. J. Vehicle axle end plate. 101,866; Nov. 10.
- Geroux, Harvey, Los Angeles, Calif. Mold for lamb patties or the like. 99,543; May 5.
- Gerrells, Maude J., San Antonio, Tex. Combined telephone stand and flashlight holder. 102,427; Dec. 22.
- Gerstman, Irving, Buffalo, N. Y. Combined jacket and attached cap. 101,494; Oct. 6.
- Gerth, Ruth, and J. Sinel, assignors to R. E. Dietz Company, New York, N. Y. Lantern or similar article. 101,112; Sept. 8.
- Gerth, Ruth, and J. Sinel, assignors to R. E. Dietz Company, New York, N. Y. Lantern or similar article. 101,113; Sept. 8.
- Gerth, William H. (See Allen, G. N., and Gerth.)
- Gerth, William H. (See Allen, G. N., Ressegger, and Gerth.)
- Gerton, Manuel, New York, N. Y. Shoe or similar article. 100,767; Aug. 11.
- Gerton, Manuel, New York, N. Y. Shoe. 101,274; Sept. 22.
- Gibbons, Winifred L., Providence, R. I. Shoe buckle. 100,857; Aug. 18.
- Gibbons, Winifred L., assignor to C. G. King & Company, Inc., Providence, R. I. Shoe fastener. 101,215; Sept. 15.
- Gibbons, Winifred L., assignor to C. G. King & Company, Inc., Providence, R. I. Shoe fastener. 101,216; Sept. 15.
- Gibbs & Company. (See Taylor, Charles F., assignor.)
- Gibson, Thomas M., assignor to Evans Case Company, North Attleboro, Mass. Pocket lighter or the like. 98,393; Jan. 28.
- Giebel, Henry, New York, N. Y. Lace. 98,121; Jan. 7.
- Gilbert, A. C., Company, The. (See Frisbie, Marshall H., assignor.)
- Gilbert, A. C., Company, The. (See Gilbert, A. C., and J. Lanz, assignors.)
- Gilbert, A. C., Company, The. (See Heller, Robert, assignor.)
- Gilbert, Alfred C., Hamden, and J. Lanz, assignors to The A. C. Gilbert Company, New Haven, Conn. Combined fan blades and hub unit. 100,818; Aug. 11.
- Gilbert, Charles E., New York, N. Y. Electrical connector body. 99,787; May 26.
- Gilbert, Dave, New York, N. Y. Slipper. 100,768; Aug. 11.
- Gilbert, Dave, New York, N. Y. Slipper. 100,769; Aug. 11.
- Gilbert, Dave, New York, N. Y. Shoe. 101,867; Nov. 10.
- Gilbert, Lozaire E., Springfield, Mass. Combination cabinet or similar article. 100,422; July 14.
- Gilbert, William L., Clock Corporation. (See Williams, Othneil G., assignor.)
- Gill, Edward H. (See Buchanan, F. C. and Gill.)
- Gillaspie, Emmett W., New Castle, Pa. Combined stool and milk pail support. 102,029; Nov. 24.
- Gillette Rubber Company. (See Curtiss, Harry S., assignor.)
- Gillette Rubber Company. (See Hutchens, Ralph W., assignor.)



- Gillette Rubber Company. (See Storrs, George D., assignor.)
- Gillette Sweeper Corp. Ltd. (See Smith, Earle R., assignor.)
- Gillinder Brothers, Inc. (See Dunn, J. C., and Klein.)
- Ginter, Charles W., assignor to The Aro Equipment Corporation, Bryan, Ohio. Greasing apparatus cabinet. 98,310; Jan. 28.
- Githens, Otto W., New York, J. Norden, Astoria, and E. G. Mannerberg, Brooklyn, assignors to Universal Camera Corporation, New York, N. Y. Camera or similar article. 99,124; Mar. 31.
- Githens, Otto W., and G. Kende, assignors to Universal Camera Corporation, New York, N. Y. Camera or similar article. 99,544; May 5.
- Gittings, William L., assignor to Gold Medal Folding Furniture Co., Racine, Wis. Chair arm. 99,862; June 2.
- Givago, George, Los Angeles, Calif. Ashtray or similar article. 101,527; Oct. 13.
- Glascock Brothers Mfg. Co. (See Baker, Robert E., assignor.)
- Glascock Brothers Mfg. Co. (See Frick, Chester A., assignor.)
- Glascock Brothers Mfg. Co. (See Koons, Paul M., assignor.)
- Glaser Crandall Company. (See Fuerst, Brooks D., assignor.)
- Glass Containers, Inc. (See Dallas, Ronald H., assignor.)
- Glassberg, Ned, New York, N. Y. Radiator cover. 101,669; Oct. 20.
- Glatthar, George E., University Heights, and F. Wening, South Euclid, Ohio. Lighting fixture. 101,033; Sept. 1.
- Glatthar, George E., University Heights, and F. Wening, South Euclid, Ohio. Lighting fixture. 101,034; Sept. 1.
- Gleason, Donald T., and W. E. Saxton, assignors to Standard Steel Spring Company, Coraopolis, Pa. Bumper bar. 101,354; Sept. 29.
- Gleason, Donald T., and W. E. Saxton, assignors to Standard Steel Spring Company, Coraopolis, Pa. Bumper bar. 101,355; Sept. 29.
- Gleason, George A., Reading, Pa. Sandal. 99,016; Mar. 24.
- Glendinning, John, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Eraser. 99,080; Mar. 24.
- Glock, Carl A., Lynwood, Calif. Portable electric lantern. 101,771; Nov. 3.
- Glover, John, assignor to Midway Chemical Company, Chicago, Ill. Powder dispensing can. 100,494; July 21.
- Gobstein, Abe, Bronx, N. Y. Lamp. 101,868; Nov. 10.
- Godfrey, Edward C., Detroit, Mich. Table lamp. 99,081; Mar. 24.
- Godfrey, Edward C., Detroit, Mich. Side wall lighting fixture bracket back. 101,528; Oct. 13.
- Godshalk, Clarence A., Ardmore, assignor to Godshalk Company, Philadelphia, Pa. Lighting fixture. 100,015; June 16.
- Godshalk, Clarence A., Ardmore, assignor to Godshalk Company, Philadelphia, Pa. Bottle sterilizer. 100,858; Aug. 18.
- Godshalk Company. (See Godshalk, Clarence A., assignor.)
- Goebel, George. (See McManus, C. E., and Goebel.)
- Goerlich, John E. (See Graff, George R., assignor.)
- Goggin, James F., Belle Harbor, N. Y., assignor to Whitall Tatum Company, Millville, N. J. Bottle. 100,495; July 21.
- Goggins, Juil R., Minneapolis, Minn. Burial casket. 100,265; July 7.
- Gold, Jack P., Woodmere, N. Y. Textile fabric. 100,423; July 14.
- Goldberg Bros. Inc. (See Goldberg, Carl, assignor.)
- Goldberg, Carl, assignor to Goldberg Bros. Inc., Haverhill, Mass. Shoe. 98,932; Mar. 17.
- Goldberg, Edward S., Philadelphia, Pa. Glider. 99,504; May 5.
- Goldberg, Herman, Haverhill, Mass. Shoe. 98,063; Jan. 7.
- Goldberg, Herman, Haverhill, Mass. Shoe. 98,205; Jan. 14.
- Goldberg, Julius A., Highland Park, Ill. Shoe or similar article. 98,158; Jan. 14.
- Goldberg, Julius A., Chicago, Ill. Shoe or similar article. 98,428; Feb. 4.
- Goldberg, Julius A., Chicago, Ill. Shoe or similar article. 98,429; Feb. 4.
- Goldberg, Julius A., Chicago, Ill. Shoe or similar article. 98,430; Feb. 4.
- Goldberg, Julius A., Chicago, Ill. Shoe or similar article. 98,431; Feb. 4.
- Goldberg, Julius A., Chicago, Ill. Shoe or similar article. 98,432; Feb. 4.
- Goldberg, Leon, New York, N. Y. Shoe. 98,509; Feb. 11.
- Goldberg, Leon, New York, N. Y. Slipper. 99,710; May 19.
- Goldberg, Leon, New York, N. Y. Slipper. 100,470; July 21.
- Goldberg, Leon, New York, N. Y. Shoe. 102,134; Dec. 1.
- Goldberg, Leon, New York, N. Y. Child's slipper. 102,271; Dec. 8.
- Goldberger, Leo J. (See Lee, Helen, assignor.)
- Goldblatt, Henry J., Chicago, Ill. Casing for a washing machine. 102,365; Dec. 15.
- Goldblatt, Joseph, Brooklyn, N. Y. Watch crystal. 98,249; Jan. 21.
- Golden, Louis J., Highland Park, assignor to B and B Shoe Company, Chicago, Ill. Child's shoe. 99,238; Apr. 7.
- Golden, Louis J., Highland Park, assignor to B and B Shoe Company, Chicago, Ill. Juvenile shoe. 99,788; May 26.
- Goldman, Bernard R., assignor to The Feder-Gregg Shoe Company, Inc., Cincinnati, Ohio. Shoe. 99,278; Apr. 14.
- Goldman, Jack T., New York, N. Y. Finger ring. 100,555; July 28.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 98,202; Jan. 14.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 98,293; Jan. 14.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 98,204; Jan. 14.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 98,311; Jan. 28.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 98,312; Jan. 28.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 101,625; Oct. 20.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 101,626; Oct. 20.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 101,627; Oct. 20.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 101,628; Oct. 20.
- Goldman, Myron S., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 101,629; Oct. 20.
- Gold Medal Folding Furniture Co. (See Gittings, William L., assignor.)
- Goldsbrough, Thaddeus R., Merchantville, N. J. Automobile. 101,772; Nov. 3.
- Goldsholl, Morris, Chicago, Ill. Pair of suspenders. 101,114; Sept. 8.
- Goldsmith, Elmer P., New York, N. Y. Handkerchief container. 101,415; Sept. 29.
- Goldsmith, Leonard A., Chicago, Ill. Kneeling rail or similar article. 102,051; Nov. 24.
- Goldsmith, Leonard A., assignor to P. T. Goldsmith, Chicago, Ill. Candlestick or similar article. 100,016; June 16.
- Goldsmith, Pearl T. (See Goldsmith, Leonard A., assignor.)
- Goldstein, Melvin M., New York, N. Y. Slip. 100,528; July 21.
- Goldstein, Sidney, New York, N. Y. Blouse. 99,789; May 26.
- Goldstein, William, New York, N. Y. Shoe. 99,790; May 26.
- Gommel, Dewey E., Indianapolis, Ind. Casing for power hack saw machines. 100,347; July 7.
- Gonas, Albert J., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Automobile radiator ornament of similar article. 100,693; Aug. 4.
- Goodall Worsted Company. (See Nutter, Everett, assignor.)
- Goodkind, Leo, Woodmere, N. Y. Shoe. 99,505; May 5.
- Goodman, Andrew, New York, N. Y. Shoe. 99,636; May 12.
- Goodman, Robert, and C. Nabelle, New York, N. Y. Match cover. 99,506; May 5.
- Goodman, Sol, Bronx, N. Y. Base for a lamp. 98,765; Mar. 3.
- Goodstein, Joseph, New York, N. Y. Comfortable. 99,351; Apr. 21.
- Goodstein, Joseph, New York, N. Y. Comfortable. 102,227; Dec. 1.
- Goodwin, John E., Penrhyn Bay, Llandudno, North Wales, assignor to Josiah Wedgwood & Sons, Inc., of America, New York, N. Y. Plate or similar article. 98,064; Jan. 7.
- Gordon, Anne, New York, N. Y. Shoe. 98,159; Jan. 14.
- Gordon, Anne, New York, N. Y. Shoe. 98,670; Feb. 25.
- Gordon, Joseph P., Rockford, Ill. Belt buckle. 98,160; Jan. 14.
- Gordon, Leon, New York, N. Y. Curtain ensemble. 101,185; Sept. 8.
- Gordon, Walter F. (See Harris, Wallace E., assignor.)
- Gorham Manufacturing Company. (See Feinauer, George A., assignor.)
- Gorham Manufacturing Company. (See Price, James R., assignor.)
- Gort, Godfrey, assignor to Western Railroad Supply Company, Chicago, Ill. Traffic signal. 98,933; Mar. 17.
- Goshorn, Warren P., Kansas City, Mo. Astrological chart. 102,135; Dec. 1.
- Gosling, Joseph W., Schenectady, N. Y., assignor to General Electric Company of New York. Lighting unit. 98,112; Jan. 7.
- Gosling, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Lighting unit. 98,394; Jan. 28.
- Gosling, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Traffic signal casing. 99,488; Apr. 28.
- Gosling, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Lighting unit. 99,661; May 12.
- Gosling, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Luminair. 100,556; July 28.
- Gosling, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Luminair. 102,553; Dec. 29.



- Gossard, H. W., Co., The. (See Wipperman, Hildegard, assignor.)
- Gottlieb, Ida. (See Brenowitz, J., and Gottlieb.)
- Gottlieb, Joseph, Jersey City, N. J. Lamp base or similar article. 101,356; Sept. 29.
- Gottschalk, Lionel J., New Orleans, La. Combination storage and refrigerator cabinet. 100,017; June 16.
- Grabelsky, Israel, New York, N. Y. Knitted tinsel fabric. 100,370; July 14.
- Grabelsky, Israel, New York, N. Y. Knitted tinsel fabric. 100,371; July 14.
- Grabhorn, Charles, Hoboken, N. J. Powder ladle or the like. 100,770; Aug. 11.
- Graf, Elmer J., Roselle Park, N. J. Light-emitting decorative device. 101,217; Sept. 15.
- Graff, George R., assignor to J. E. Goerlich, Toledo, Ohio. Automobile heater. 100,159; June 23.
- Graff, George R., assignor to J. E. Goerlich, Toledo, Ohio. Automobile heater. 100,160; June 23.
- Graff, George R., assignor to J. E. Goerlich, Toledo, Ohio. Automobile heater. 100,161; June 23.
- Graff, George R., assignor to J. E. Goerlich, Toledo, Ohio. Heater. 100,729; Aug. 4.
- Graff, George R., Toledo, Ohio, assignor to Wagner Electric Corporation, St. Louis, Mo. Fan base. 100,918; Aug. 18.
- Graff, George R., Toledo, Ohio, assignor to Wagner Electric Corporation, St. Louis, Mo. Fan guard. 101,115; Sept. 8.
- Graff, George R., assignor to J. E. Goerlich, Toledo, Ohio. Electric switch button. 101,811; Nov. 3.
- Graham, Maxon L., Seattle, Wash. Combined ashtray and cigarette container. 102,428; Dec. 22.
- Grand Rapids Metalcraft Corporation. (See Visser, John, assignor.)
- Grapp, George L., Seattle, Wash. Tongue brush. 99,352; Apr. 21.
- Graubner, Herman G., New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Flashlight. 99,791; May 26.
- Graubner, Herman G., New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Flashlight. 99,792; May 26.
- Graubner, Herman G., New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Company. Flashlight. 99,793; May 26.
- Graubner, Herman G., New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Flashlight. 99,794; May 26.
- Graubner, Herman G., New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Flashlight. 100,074; June 16.
- Graves, Benjamin P., Cranston, R. I., assignor to Brown & Sharpe Manufacturing Company. Milling machine standard. 98,395; Jan. 28.
- Graves, C. H., & Sons Company. (See Laird, George H., assignor.)
- Graves, Edward B., Park Hills, assignor to The Kelley-Koett Manufacturing Company, Incorporated, Covington, Ky. X-ray control cabinet. 100,944; Aug. 25.
- Graves, Edward B., Park Hills, assignor to The Kelley-Koett Manufacturing Company, Incorporated, Covington, Ky. X-ray unit. 100,945; Aug. 25.
- Gray, Frank W., assignor to Mission Dry Corporation, Los Angeles, Calif. Bottle. 98,396; Jan. 28.
- Gray, William C., St. Charles, assignor to J. B. Hawley, Geneva, Ill. Hat. 102,327; Dec. 15.
- Gredell, Otto N., Kansas City, Mo. Truck tank. 101,116; Sept. 8.
- Gregor, Ralph H., Columbus, Ohio, assignor to General Door Company, Reno, Nev. Truck body. 120,587; Dec. 29.
- Green, Frank W., Framingham, Mass., assignor to Warren Telechron Company. Clock case. 99,711; May 19.
- Greenbaum, Arthur, Beaumont, assignor to Panther-Panco Rubber Co. Inc., Chelsea, Mass. Shoe sole. 98,590; Feb. 18.
- Greene, William C., Company. (See Armstrong, George A., assignor.)
- Greenleaf, William H., Hartford, Conn. Weighing scale. 98,804; Mar. 3.
- Greenleaf, William H., Chicago, Ill. Weighing scale or similar article. 102,272; Dec. 8.
- Greenpoint Metalcraft Incorporated. (See Terker, Harry J., assignor.)
- Greenspan, Abraham, New York, N. Y. Dress. 98,161; Jan. 14.
- Greenspan, Abraham, New York, N. Y. Ensemble dress. 98,719; Feb. 25.
- Greenspan, Abraham, New York, N. Y. Dress. 98,766; Mar. 3.
- Greenstein, Benjamin. (See Spinelli, A. M., and Greenstein.)
- Gregory, Carey G., Los Angeles, Calif. Inkwell desk unit. 98,767; Mar. 3.
- Greth, August, Los Angeles, Calif. Dilator or similar article. 99,747; May 19.
- Greuter, Emil, Zurich, Switzerland. Display stand for food or similar article. 99,560; May 5.
- Griffin, William M., assignor to Wayne Company, Fort Wayne, Ind. Liquid dispensing apparatus. 99,193; Apr. 7.
- Griffith, Jeane, Philadelphia, Pa. Galosh. 99,017; Mar. 24.
- Grigoleit Company, The. (See Howie, John L., Jr., assignor.)
- Grigor, James MacI., Inverness, Scotland. Flask. 100,162; June 23.
- Grimsley, Leopold C. (See Rothenberg, H., and Grimsley.)
- Grinnell Bros. (See Krasnick, Jacob L., assignor.)
- Grison, Joseph, New York, N. Y. Combined fire detector, alarm, and extinguisher. 99,712; May 19.
- Griswold, Frank W., Minneapolis, Minn. Railway crossing signal. 100,018; June 16.
- Griswold Manufacturing Company, The. (See Griswold, Roger W., assignor.)
- Griswold, Roger W., Erie, Pa. Ashtray. 100,021; June 16.
- Griswold, Roger W., assignor to The Griswold Manufacturing Company, Erie, Pa. Food chopper. 98,313; Jan. 28.
- Groeber, Paul J., Springfield, Ohio. Clothes stick. 99,125; Mar. 31.
- Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Toilet seat. 98,113; Jan. 7.
- Grom, Henry W., Rochester, N. Y. Bridge for an ophthalmic mounting. 101,118; Sept. 8.
- Grom, Henry W., assignor to Artercraft Optical Co., Rochester, N. Y. Bridge for eyeglasses. 98,591; Feb. 18.
- Grom, Henry W., assignor to Artercraft Optical Co., Rochester, N. Y. Lens strap. 101,117; Sept. 8.
- Groos, Eleanor, Bronxville, N. Y., assignor to Cooper & Cooper, Inc., Brooklyn, N. Y. A holder for a shaving outfit or similar article. 100,557; July 25.
- Gross, Oliver, assignor to Gross Photo Supply Company, Toledo, Ohio. Photomount insert card. 101,454; Oct. 6.
- Gross, Oliver, assignor to Gross Photo Supply Company, Toledo, Ohio. Photomount insert card. 101,455; Oct. 6.
- Gross, Oliver, assignor to Gross Photo Supply Company, Toledo, Ohio. Photomount insert card. 101,456; Oct. 6.
- Gross Photo Supply Company. (See Gross, Oliver, assignor.)
- Grossman, Edward, New York, N. Y. Coat. 98,592; Feb. 18.
- Grossman, Emanuel, Brooklyn, N. Y. Sandal. 98,510; Feb. 11.
- Grossman, Emanuel, New York, N. Y. Shoe. 102,136; Dec. 1.
- Grossman, Herman H., New York, N. Y. Shoe. 99,795; May 26.
- Grossman, Nicholas J., Lynn, Mass., assignor to Philco Shoe Corporation, Salem, Mass. Shoe. 98,903; Mar. 10.
- Grossmann, Irving E., New Rochelle, N. Y. Shoe or similar article. 101,701; Oct. 27.
- Gruen Watch Company, The. (See Katz, Benjamin S., assignor.)
- Gruen Watch Company, The. (See Lux, Eugene, assignor.)
- Gruen Watch Company, The. (See Wadsworth, Arthur W., assignor.)
- Grumbacher, M. (See Newman, John J., assignor.)
- Grunden, Reed M., assignor to The Hinde and Dauch Paper Company, Sandusky, Ohio. Cover paper or similar article. 100,859; Aug. 18.
- Grunig, Bernhard C. (See Parr, Webster A., assignor.)
- Grunow, William C., River Forest; E. D. Coots, Oak Park, and M. W. Kenney, Chicago, assignors to General Household Utilities Company, Chicago, Ill. Refrigerator. 100,471; July 21.
- Grunow, William C., River Forest, and E. D. Coots, Oak Park, and M. W. Kenney, Chicago, assignors to General Household Utilities Company, Chicago, Ill. Refrigerator. 100,496; July 21.
- Grunwald, Albert C., River Forest, assignor to Precision Metal Workers, Chicago, Ill. Ashtray. 99,435; Apr. 28.
- Gudeman, Leo, New York, N. Y. Electric wall bracket. 100,946; Aug. 25.
- Guerlain Perfumery Corporation of Delaware. (See Guerlain, Raymond, assignor.)
- Guerlain, Raymond, Paris, France, assignor to Guerlain Perfumery Corporation of Delaware, Wilmington, Del. Bottle. 100,372; July 14.
- Guerlain, Raymond, Paris, France, assignor to Guerlain Perfumery Corporation of Delaware, Wilmington, Del. Bottle. 100,424; July 14.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Wine cooling bucket or the like. 98,315; Jan. 28.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Memorandum pad. 98,316; Jan. 28.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Tray. 98,317; Jan. 28.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Ash tray. 98,318; Jan. 28.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Tray. 98,319; Jan. 28.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Tray. 98,320; Jan. 28.



- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Dish. 98,321; Jan. 28.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Platter. 98,322; Jan. 28.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Cocktail shaker. 98,763; Mar. 3.
- Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Tray. 101,168; Sept. 8.
- Guild, Lurelle, New York, N. Y., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Instrument case. 99,279; Apr. 14.
- Guild, Lurelle, New York, N. Y., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Instrument case. 99,280; Apr. 14.
- Guild, Lurelle, New York, N. Y., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Instrument case. 99,281; Apr. 14.
- Guild, Lurelle, Darien, Conn., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Instrument case. 100,425; July 14.
- Guild, Lurelle, Darien, Conn., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Instrument case. 100,771; Aug. 11.
- Guild, Lurelle, Noroton, Conn., and W. H. Smith, New Kensington, Pa., assignors to Kensington, Incorporated, New Kensington, Pa. Serving tray. 99,018; Mar. 24.
- Guilfoil, Oscar D. (See Muench, T. J., and Guilfoil.)
- Gulbransen Company. (See Van Dommelen, Peter, assignor.)
- Gunther, Herman L. E., Buenos Aires, Argentine Republic. Bracelet. 98,934; Mar. 17.
- Gunther, Stella I., Chicago, Ill. Teacup or similar article. 101,453; Oct. 6.
- Gurrieri, Louis, New York, N. Y. Fishing rod handle or analogous article. 101,218; Sept. 15.
- Guth, Edwin F., Webster Groves, Mo. Illuminating fixture. 100,019; June 16.
- Guth, Edwin F., Webster Groves, Mo. Illuminating fixture. 100,020; June 16.
- Guth, Stern & Co. (See Osterman, Samuel, assignor.)
- Guthrie, William, New York, N. Y. Upholstery fabric. 98,314; Jan. 28.
- Guthrie, William, New York, N. Y. Upholstery fabric. 98,935; Mar. 17.
- Guthrie, William, New York, N. Y. Upholstery fabric. 98,936; Mar. 17.
- Gutlon, Sidney S., Newton, Mass. Valanced window-curtain. 98,860; Mar. 10.
- Guttman, John, Brooklyn, N. Y., assignor to Arrow Manufacturing Company, Inc., Hoboken, N. J. Display container for jewelry or similar articles. 99,545; May 5.
- Guyer, William, New York, N. Y., assignor to Joseph S. Seagram & Sons, Inc., Lawrenceburg, Ind. Bottle. 100,772; Aug. 11.
- Guyer, William, New York, N. Y., assignor to Joseph S. Seagram & Sons, Inc., Lawrenceburg, Ind. Bottle. 100,773; Aug. 11.
- Gwyer, Herbert J., Brooklyn, N. Y. Ashtray. 99,640; May 12.
- Haas, Harry H. (See Otis, W. F., Haas, and Otis.)
- Haase, Henry, Detroit, Mich. Christmas tree light holder. 99,713; May 19.
- Hachman, Elmer E., Baltimore, Md. Tooth brush. 100,558; July 28.
- Hadley, Donald L., Mansfield, Ohio. Gas range. 101,735; Oct. 27.
- Hadley, Donald L., Mansfield, Ohio. Gas range. 101,736; Oct. 27.
- Hadley, Donald L., Mansfield, Ohio. Gas range. 101,737; Oct. 27.
- Hadley, Donald L., Mansfield, Ohio. Combined range lamp and bracket therefor. 101,738; Oct. 27.
- Hadley, Donald L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Electric iron. 101,495; Oct. 6.
- Hadley, Harlan A., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Recorder housing for dial scales. 99,019; Mar. 24.
- Hadley, Harlan A., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Scale recorder housing. 99,020; Mar. 24.
- Hafner, August, Flushing, N. Y. Textile fabric. 98,511; Feb. 11.
- Hafner, August, Flushing, N. Y. Textile fabric. 98,671; Feb. 25.
- Hafner, August, Flushing, N. Y. Textile fabric. 99,938; June 9.
- Hafner, August, Flushing, N. Y. Textile fabric. 99,939; June 9.
- Hafner, August, Flushing, N. Y. Textile fabric. 101,812; Nov. 3.
- Hafner, August, Flushing, N. Y. Textile fabric. 101,813; Nov. 3.
- Hafner, August, Flushing, N. Y. Textile fabric. 101,814; Nov. 3.
- Haft, Morris W., & Brothers, Inc. (See Fisher, Fred H., assignor.)
- Hagerstrom, Maurice, East Orange, N. J. Finger ring or similar article. 101,947; Nov. 17.
- Haglock, John G., Sterling, Ill. Rack for windshield cleaning compounds. 99,796; May 26.
- Hagman, Ida C. (See Weldon, M., and Hagman.)
- Hain, Harry D., Cleveland, Ohio, assignor to Rayley Corporation, Cleveland, Ohio. Electric lighting fixture. 98,647; Feb. 18.
- Haines, John R., Medford, N. J. Directional signal casing. 99,797; May 26.
- Hale, Lawrence N., Leaksville, N. C., assignor to Marshall Field & Company, Chicago, Ill. Textile fabric. 100,101; June 23.
- Haley, James R., New York, assignor to Welbilt Stove Company, Inc., Maspeth, N. Y. Range or similar article. 101,935; Nov. 17.
- Haley, John W., assignor to The Narragansett Brewing Company, Cranston, R. I. Dispensing handle for a tap valve. 100,324; July 7.
- Halikman, Harris K. (See Pappert, Emanuel, assignor.)
- Hall China Company, The. (See Kane, Bernard N., assignor.)
- Hall, Horace W., Newton, Mass. Tennis racket or similar article. 102,163; Dec. 1.
- Hallak, Tofick, Kansas City, Mo. Cone cake baker. 99,940; June 9.
- Halligan, Ernest V., Providence, R. I. Combined display rack and solder bars contained therein. 100,266; July 7.
- Halsam Products Company. (See Paulson, Nils I., assignor.)
- Halsey, Edwin A., Lynchburg, Va. Lucky campaign coin. 99,918; June 2.
- Halvorson, Cromwell A. B., Lynn, Mass., assignor to General Electric Company. Lighting unit. 100,102; June 23.
- Hamerstadt, William D., assignor to General Fibre Products, Incorporated, Indianapolis, Ind. Mounting for a pulley-carrying motor. 98,512; Feb. 11.
- Hamilton, Brown Shoe Co. (See Walsh, John J., assignor.)
- Hamilton Display Case Mfg. Co. Inc. (See Rose, Anthony A., assignor.)
- Hamilton, J. T. & A., Company. (See Kihn, Lawrence J., assignor.)
- Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Doily. 98,456; Feb. 4.
- Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Doily. 98,513; Feb. 11.
- Hamilton Manufacturing Company. (See Evans, Howell G., assignor.)
- Hamilton, Robert C., and B. H. Talbert, assignors to Imperial Desk Company, Evansville, Ind. Desk. 99,391; Apr. 21.
- Hammer-Bray Company. (See Leonard, Joseph E., assignor.)
- Hammond Clock Company, The. (See Stephens, George H., assignor.)
- Hammond, Dean B., Ypsilanti, Mich., assignor, by mesne assignments, to Stearman-Hammond Aircraft Corporation, San Francisco, Calif. Airplane. 102,300; Dec. 8.
- Hammond Machinery Builders, Inc. (See van Doren, Harold L., assignor.)
- Hammond, Natalie H., Gloucester, Mass., assignor to Paul E. Flato, Inc., New York, N. Y. Watch. 99,941; June 9.
- Hampden Glazed Paper & Card Co. (See Cronk, James T., assignor.)
- Hampden Glazed Paper & Card Co. (See Fowler, William S., assignor.)
- Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 98,720; Feb. 25.
- Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 98,721; Feb. 25.
- Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 98,722; Feb. 25.
- Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 102,117; Nov. 24.
- Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 102,118; Nov. 24.
- Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 102,119; Nov. 24.
- Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 102,479; Dec. 22.
- Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 102,480; Dec. 22.
- Hand, David E., Paterson, N. J. Textile fabric. 101,320; Sept. 22.
- Handman, Maurice, assignor to Albert Weiner, doing business as Albert Manufacturing Company, Providence, R. I. Brooch pin or similar article. 98,937; Mar. 17.
- Hanley, John A., Stamford, Conn. Handle casing for electric clippers or the like. 100,472; July 21.
- Hanlon & Goodman Co. (See Wright, Ernest B., assignor.)
- Hanna, Carl, New York, N. Y. Chair cushion pad. 102,328; Dec. 15.
- Hanna, Elizabeth H., Montclair, N. J. Lawn umbrella. 101,773; Nov. 3.
- Hanna, Elizabeth H., Montclair, N. J. Lawn umbrella. 101,774; Nov. 3.
- Hannah, Elfrieda, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. 101,169; Sept. 8.
- Hannah, Elfrieda, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. 101,219; Sept. 15.
- Hansen, Hans A., and Solomon R. Salkin, Peoria, Ill. Display stand. 100,694; Aug. 4.
- Hanson, Eugene I., New York, N. Y. Textile fabric. 102,481; Dec. 22.



- Hanson, Eugene I., New York, N. Y. Textile fabric. 102,482; Dec. 22.
- Hanson, Eugene I., New York, N. Y. Textile fabric. 102,588; Dec. 29.
- Hanson, Henry J., Chicago, Ill., assignor to City of Chicago. Badge. 101,275; Sept. 22.
- Hanson, Louis, Company. (See Hanson, Martin, assignor.)
- Hanson, Martin, assignor to Louis Hanson Company, Chicago, Ill. Radio cabinet. 101,775; Nov. 3.
- Hanson, Russell N., Albert Lea, Minn. Portable field kitchen. 99,021; Mar. 24.
- Hardwick, Christopher L., Cleveland, Tenn. Stove. 99,082; Mar. 24.
- Hardy, Charles, New York, N. Y. Ash stand. 101,035; Sept. 1.
- Hardy, Charles, New York, N. Y. Ash stand. 101,036; Sept. 1.
- Hardy, Charles, New York, N. Y. Combination table and smoking stand. 101,037; Sept. 1.
- Hardy, William G., Crafton, assignor to The McKay Company, Pittsburgh, Pa. Glider. 98,065; Jan. 7.
- Hargraves, Albert, Silver Lake, Ohio. Tire. 98,805; Mar. 3.
- Harlin, Herbert A., Indianapolis, Ind. Neck for a string instrument. 102,164; Dec. 1.
- Harnapp, Gertrude, Grantwood, N. J. Lace. 101,357; Sept. 29.
- Harnapp, Gertrude, Grantwood, N. J. Lace. 101,358; Sept. 29.
- Harper, Raymond M., assignor to Union Oil Company of California, Los Angeles, Calif. Equipment cabinet. 98,861; Mar. 10.
- Harris, Herbert H., New York, N. Y. Cover for a cigarette case or similar article. 101,583; Oct. 13.
- Harris, Norman, Auburn, Maine. Shoe. 99,942; June 9.
- Harris, Taft, Portland, Ore. Airplane. 100,695; Aug. 4.
- Harris, Wallace E., assignor of one-half to W. F. Gordon, Dallas, Tex. Ashtray or similar article. 100,559; July 28.
- Harrison, James P., Jr., Waco, Tex. Spinning wheel amusement device. 99,083; Mar. 24.
- Harrison, Monroe, Chicago, Ill. Combined casing, stand, and capping device for a bottling machine. 98,066; Jan. 7.
- Harrison, Monroe, Chicago, Ill. Bottle. 100,560; July 28.
- Hart, Ivan T., Tuscarora, Nev. Combined salt and pepper shaker. 100,774; Aug. 11.
- Hart, Laurence E., and H. E. Lewy, New York, N. Y. Lace. 101,986; Nov. 17.
- Hart, Laurence E., and H. E. Lewy, New York, N. Y. Lace. 101,987; Nov. 17.
- Hart, Laurence E., and H. E. Lewy, New York, N. Y. Lace. 102,080; Nov. 24.
- Hart, Laurence E., and H. E. Lewy, New York, N. Y. Lace. 102,081; Nov. 24.
- Hart, Laurence E., and H. E. Lewy, New York, N. Y. Lace. 102,082; Nov. 24.
- Hartmann, Walter W., assignor to S. A. Philips, Los Angeles, Calif. Sock fastener for garters. 102,429; Dec. 22.
- Hassenfeld, Henry, Providence, R. I. Pencil pouch. 98,250; Jan. 21.
- Hassenfeld, Henry, Providence, R. I. Pencil pouch. 98,251; Jan. 21.
- Hassenfeld, Henry, Providence, R. I. School case or similar article. 102,554; Dec. 29.
- Hathaway, Allen J., assignor to William H. Redman, doing business as Alma Trailer Company, Alma, Mich. Trailer. 99,084; Mar. 24.
- Hauswald Bakery, The. (See Hauswald, Philip J., assignor.)
- Hauswald, Philip J., assignor to The Hauswald Bakery, Baltimore, Md. Combined supporting tray and bread display. 99,326; Apr. 14.
- Hawes, Elizabeth, New York, N. Y. Handbag. 99,436; Apr. 28.
- Hawkins, Robert S., et al. (See Degory, Alfred, assignor.)
- Hawkinson, John L., assignor to The Arrow-Hart & Hege-man Electric Company, Hartford, Conn. Display box or the like. 98,938; Mar. 17.
- Hawkinson, John L., assignor to The Arrow-Hart & Hege-man Company, Hartford, Conn. Display box or the like. 98,939; Mar. 17.
- Hawley, Jesse B. (See Gray, William C., assignor.)
- Hawley, Jesse B. (See Sloan, Edward C., assignor.)
- Hayes, Leonard L., Des Moines, Iowa. Combined ash, tobacco, and match receptacle. 100,454; July 14.
- Hayes, North D., Topeka, Kans. Costumer. 99,863; June 2.
- Haynes, Charles F., Fort Worth, Tex. Electric fan. 98,457; Feb. 4.
- Haywood, William R., White Plains, N. Y. Textile fabric. 98,433; Feb. 4.
- Hazel-Atlas Glass Company. (See Smith, Frasier, assignor.)
- Hazel-Atlas Glass Company. (See Spence, James E., assignor.)
- Headon, Frank, assignor to Cohn-Hall-Marx Co., New York, N. Y. Textile fabric or similar article. 102,273; Dec. 8.
- Hedman Manufacturing Company, The. (See Slettevold, Ole, assignor.)
- Hedstrom, Carl, Jr., assignor to Hedstrom-Union Company, Gardner, Mass. Doll or baby carriage. 100,775; Aug. 11.
- Hedstrom-Union Company. (See Hedstrom, Carl, Jr., assignor.)
- Hegwein, Georg, assignor to Junkers & Co. G. m. b. H., Dessau, Germany. Water heater. 99,864; June 2.
- Heidrich, Virginia, Kansas City, Mo. Paper cup. 98,323; Jan. 28.
- Heil Co., The. (See Thwaites, Frederick G., assignor.)
- Heim, Jacques, Paris, France. Textile fabric or similar article. 101,870; Nov. 10.
- Heim, Jacques, Paris, France. Textile fabric or similar article. 101,918; Nov. 10.
- Heim, Jacques, Paris, France. Textile fabric or similar article. 101,948; Nov. 17.
- Heim, Jacques, Paris, France. Textile fabric or similar article. 101,949; Nov. 17.
- Heim, Jacques, Paris, France. Textile fabric or similar article. 101,950; Nov. 17.
- Heim, Jacques, Paris, France. Textile fabric or similar article. 101,951; Nov. 17.
- Heim, Jacques, Paris, France. Textile fabric or similar article. 101,952; Nov. 17.
- Heim, Jacques, Paris, France. Textile fabric or similar article. 101,988; Nov. 17.
- Heim, Jacques, Paris, France. Textile fabric or similar article. 101,989; Nov. 17.
- Heim, Jacques, Paris, France. Textile fabric or similar article. 102,366; Dec. 15.
- Heiman, Arthur S., New York, N. Y. Textile fabric. 102,589; Dec. 29.
- Heiman, Arthur S., New York, N. Y. Textile fabric. 102,590; Dec. 29.
- Heinecke, Walter E., assignor to James A. Rhodes & Company, Chicago, Ill. Sponge basket. 101,119; Sept. 8.
- Heise, Arthur C., and M. W. Jacobi, Baltimore, Md. Table radio cabinet. 102,021; Nov. 17.
- Helsey, A. H., & Company. (See Helsey, T. Clarence, assignor.)
- Helsey, A. H., & Company. (See von Nessen, Walter, assignor.)
- Helsey, T. Clarence, Newark, Ohio. Glass cigarette container or similar article. 99,085; Mar. 24.
- Helsey, T. Clarence, assignor to A. H. Helsey & Company, Newark, Ohio. Glass vase or similar article of glassware. 99,793; May 26.
- Helsey, T. Clarence, assignor to A. H. Helsey and Company, Newark, Ohio. Glass floral bowl or similar article. 99,799; May 26.
- Helsey, T. Clarence, Newark, Ohio. Glass ashtray or similar article. 101,630; Oct. 20.
- Heit, Philip, New York, N. Y. Dress. 99,974; June 9.
- Heit, Philip, New York, N. Y. Ensemble dress. 100,819; Aug. 11.
- Helander, Lillian V. M. (See Kintz, A. G., and Helander.)
- Helander, Lillian V. M., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 98,514; Feb. 11.
- Helfgott, Leo B., Brightwaters, N. Y. Sweater or similar article. 98,566; Feb. 11.
- Heller, Henry R., Larchmont, N. Y., assignor to Winter & Co. Upright piano. 98,768; Mar. 3.
- Heller, Robert, New York, N. Y., assignor to The Westfield Manufacturing Company, Westfield, Mass. Instrument housing. 99,975; June 9.
- Heller, Robert, New York, N. Y., assignor to The A. C. Gilbert Company, New Haven, Conn. Electric fan. 101,120; Sept. 8.
- Heller, Robert, New York, N. Y., assignor to The A. C. Gilbert Company, New Haven, Conn. Electric toaster. 101,359; Sept. 29.
- Hellman, Carl. (See Holm, Marie, assignor.)
- Helm, Jack C., Oakland, Calif. Keyhole illuminator. 99,748; May 19.
- Helms, William C., Oakland, Calif. Message scroll. 100,103; June 23.
- Hemmerich, Hugo, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Stocking. 100,860; Aug. 18.
- Hemp, Paul L., Rochester, Minn. Gum massager. 98,252; Jan. 21.
- Henderson, Herbert V., assignor to Chrysler Corporation, Detroit, Mich. Automobile ornament. 100,497; July 21.
- Henderson, Roe P., assignor to The Springfield Metallic Casket Company, Springfield, Ohio. Burial vault handle. 100,022; June 16.
- Henderson, Roe P., assignor to The Springfield Metallic Casket Company, Springfield, Ohio. Grave vault. 100,023; June 16.
- Hendrickson, A. Ward, & Co. (See Hendrickson, Arthur W., assignor.)
- Hendrickson, Arthur W., Jamaica, assignor to A. Ward Hendrickson & Co., Inc., Brooklyn, N. Y. Lighting fixture bowl. 101,631; Oct. 20.
- Hendrickson, Hugh H., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Metal sash rail. 98,067; Jan. 7.
- Hendwell Corporation. (See Caldwell, Henry C., assignor.)
- Henry, Harry H., assignor to Battery Patents Corporation, Chicago, Ill. Tricycle. 100,212; June 30.
- Henry, Harry H., assignor to Battery Patents Corporation, Chicago, Ill. Handle bar. 101,953; Nov. 17.



- Henske, Edward A., St. Louis, Mo. Combination manicure bottle, cap, applicator and pencil. 100,561; July 28.
- Heppenstall Company. (See Patterson, Rachel F., assignor.)
- Herbst, Alexander, Jackson Heights, assignor to R. C. Barnstone, New York, N. Y. Watchcase. 101,038; Sept. 1.
- Herman, Kenneth R., assignor to Vickers, Incorporated, Detroit, Mich. Hydraulic feed control panel. 100,696; Aug. 4.
- Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Caster. 99,912; June 2.
- Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Caster. 101,871; Nov. 10.
- Herion, Henry, New York, N. Y. Pocket game device. 102,185; Dec. 1.
- Herrenbruck, Herman, Belleville, Ill. Stove. 99,437; Apr. 28.
- Hershey, Franklin Q., assignor to General Motors Corporation, Detroit, Mich. Automobile radiator ornament. 98,068; Jan. 7.
- Hershey, Franklin Q., assignor to General Motors Corporation, Detroit, Mich. Radiator ornament. 101,990; Nov. 17.
- Hershfield, Ben C., assignor to J. P. Muller & Company, New York, N. Y. Portable liquor bar. 100,473; July 21.
- Herst, Abraham, assignor to The American Import Company, San Francisco, Calif. Pipe rack compact. 101,529; Oct. 13.
- Hertz, Maurice J., New York, N. Y. Lace. 102,228; Dec. 1.
- Hertzberg, Harry, New York, N. Y. Brush. 98,940; Mar. 17.
- Hertzig, Robert, Brooklyn, N. Y. Shoe or similar article. 101,039; Sept. 1.
- Hertzig, Robert, Brooklyn, N. Y. Shoe or similar article. 101,040; Sept. 1.
- Hess, Clarence R. T., Prairie View, Ill., assignor to L. J. Mueller Furnace Company, Milwaukee, Wis. Central house heating apparatus casing. 99,943; June 9.
- Hess, Fritz K., assignor to Keeler Brass Company, Grand Rapids, Mich. Drawer pull or similar article. 99,022; Mar. 24.
- Hesse, Curt O., New York, N. Y., assignor to The Pantasote Leather Company, Passaic, N. J. Textile fabric or similar article of manufacture. 102,206; Dec. 1.
- Hesse, Curt O., New York, N. Y., assignor to The Pantasote Leather Company, Passaic, N. J. Textile fabric or similar article of manufacture. 102,207; Dec. 1.
- Hettrick Manufacturing Company, The. (See Smith, Milton B., assignor.)
- Hettrick Manufacturing Company, The. (See Vavrlik, Louis, assignor.)
- Heywood-Wakefield Company. (See Jiranek, Leo, assignor.)
- Heywood-Wakefield Company. (See Larsen, Lewis, assignor.)
- Heywood-Wakefield Company. (See Posser, P. B., and White, assignors.)
- Hickok Manufacturing Company. (See Anderson, Harry G., assignor.)
- Hickok Manufacturing Company. (See Manning, Daniel T., assignor.)
- Hickok Manufacturing Company. (See Mix, Edwin S., assignor.)
- Hickok Manufacturing Company. (See Sachs, Morris, assignor.)
- Hiering, William C., Millburn Township, Essex County, assignor to The J. E. Mergott Company, Newark, N. J. Bag frame. 98,122; Jan. 7.
- Higgins, Frank E., assignor to California Perfume Company, Inc., New York, N. Y. Cap for bottles, jars, and the like. 102,367; Dec. 15.
- Higgins, Frank E., assignor to California Perfume Company, Inc., New York, N. Y. Cap for bottles, jars, and the like. 102,368; Dec. 15.
- Hildebrand, Otto G., Cleveland, Ohio. Wall bracket lamp. 98,253; Jan. 21.
- Hildebrand, Otto G., Cleveland, Ohio. Lighting fixture. 101,121; Sept. 8.
- Hilgenberg, Carl G., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 99,023; Mar. 24.
- Hilgenberg, Carl G., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Eyecup. 99,865; June 2.
- Hill, F. H., Company. (See Scholl, Harry S.)
- Hill, John, Hillside, N. J., assignor to Celluloid Corporation. Fountain pen. 98,515; Feb. 11.
- Hill, John, Hillside, N. J., assignor to Celluloid Corporation. Fountain pen. 98,516; Feb. 11.
- Hill, John, Hillside, N. J., assignor to Celluloid Corporation. Fountain pen or similar article. 100,373; July 14.
- Hiller, Morris, Long Beach, N. Y. Coat. 100,104; June 23.
- Hills, John E., St. Petersburg, Fla. Hobbyhorse. 101,276; Sept. 22.
- Himmel, Robert, Chicago, Ill. Radio cabinet. 100,697; Aug. 4.
- Hinde and Dauch Paper Company, The. (See Grunden, Reed M., assignor.)
- Hines, Charles L., Council Bluffs, Iowa. Game device. 99,024; Mar. 24.
- Hires, Charles E., Company, The. (See Hires, Charles E., Jr., assignor.)
- Hires, Charles E., Jr., assignor to The Charles E. Hires Company, Philadelphia, Pa. Bottle. 99,839; May 26.
- Hirsh, Martha, South Orange, N. J. Belt. 99,714; May 19.
- Hirsh, Maurice, Chicago, Ill. Coat. 99,392; Apr. 21.
- Hirsh, Maurice, New York, N. Y. Coat. 100,820; Aug. 11.
- Hirshman, Charles G., New York, N. Y. Shoe or similar article. 98,162; Jan. 14.
- Hirshman, Charles G., New York, N. Y. Shoe or similar article. 98,324; Jan. 28.
- Hirshman, Charles G., New York, N. Y. Shoe or similar article. 99,282; Apr. 14.
- Hoban, Fairfield W., New York, N. Y. Astrological machine or the like. 101,530; Oct. 13.
- Hobbs, Theodore C., Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Water closet. 99,800; May 26.
- Hobson, Clifton H., Palmer, Mass. Emblem. 99,086; Mar. 24.
- Hoffman, Ada M., Los Angeles, Calif. Pastry cutter. 101,584; Oct. 13.
- Hoffman, Joseph B. (See Costigan, Philip R., assignor.)
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Table. 98,434; Feb. 4.
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Lounge chair. 98,517; Feb. 11.
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Lounge chair. 98,518; Feb. 11.
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Fitting stool. 98,519; Feb. 11.
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Smoking stand. 98,593; Feb. 18.
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Smoking stand. 98,594; Feb. 18.
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Smoking stand. 98,595; Feb. 18.
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Smoking stand. 98,648; Feb. 18.
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Table. 99,801; May 26.
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Swivel chair. 99,802; May 26.
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Chaise lounge frame. 99,803; May 26.
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Refreshment cart. 99,804; May 26.
- Hoffmann, Wolfgang, Batavia, Ill., assignor to Howell Company, The, St. Charles, Ill. Booth seat. 99,866; June 2.
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Smoking stand. 101,457; Oct. 6.
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Smoking stand. 101,458; Oct. 6.
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Smoking stand. 101,459; Oct. 6.
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Smoking stand. 101,460; Oct. 6.
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Smoking stand. 101,461; Oct. 6.
- Hoffman, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Rocking chair. 101,632; Oct. 20.
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Table. 101,776; Nov. 3.
- Hoffmann, Wolfgang, Batavia, Ill., assignor to The Howell Company, St. Charles, Ill. Chair. 102,030; Nov. 24.
- Hoffmaster, Byron T., Appleton, assignor to Marathon Paper Mills Company, Rothschild, Wis. Napkin dispenser or the like. 100,105; June 23.
- Hoffmeister, Wilhelm, Neustadt, Germany. Strip of artificial leaves. 99,867; June 2.
- Hoffstetter, Carl H., and R. F. Hoffstetter, Erie, Pa. Range. 102,430; Dec. 22.
- Hoffstetter, Robert F. (See Hoffstetter, Robert F. and C. H., assignors.)
- Hoge, John R., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Glass building block. 101,633; Oct. 20.
- Hoke, Fred, assignor to Holcomb & Hoke Manufacturing Company, Indianapolis, Ind. Display cabinet. 101,531; Oct. 13.
- Holcomb & Hoke Manufacturing Company. (See Hoke, Fred, assignor.)
- Holland Brass Works. (See Liska, William F., assignor.)
- Holland Brass Works, Incorporated. (See Liska, William F., assignor.)
- Holland, Harry W., Elizabeth, N. J. Cover for shingle bundle. 102,555; Dec. 29.
- Holm, Marie, Dobbs Ferry, assignor to Fortune Fabrics, Inc., New York, N. Y. Textile fabric or similar article. 98,862; Mar. 10.



- Holm, Marie, Dobbs Ferry, N. Y., assignor to C. Hellman, New York, N. Y. Textile fabric or similar article. 99,358; Apr. 21.
- Holm, Marie, Dobbs Ferry, N. Y., assignor to C. Hellman, New York, N. Y. Textile fabric or similar article. 99,359; Apr. 21.
- Holmes, Mary C., New York, N. Y. Medallion. 101,954; Nov. 17.
- Holmes, Minot K., Muncie, Ind., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Hollow glass building block. 101,360; Sept. 29.
- Holophane Company. (See Rolph, Thomas W., assignor.)
- Holslag, Claude J., South Orange, N. J. Welding electrode extruding machine. 101,532; Oct. 13.
- Holstein, Frank F., Chicago, Ill. Lighting fixture. 98,475; Feb. 4.
- Holt, William E., Newark, N. J. Floor surfacing machine. 102,186; Dec. 1.
- Holtz, Herbert, Haverhill, Mass. Shoe. 98,435; Feb. 4.
- Holtz, Herbert, Haverhill, Mass. Shoe. 98,436; Feb. 4.
- Home Manufacturing Company. (See Hommon, Harry H., assignor.)
- Homestead Valve Manufacturing Company. (See Ofeldt, Frank W., assignor.)
- Hommon, Harry H., assignor to Home Manufacturing Company, Decatur, Ill. Apartment frock. 99,393; Apr. 21.
- Honeyman, William A., San Anselmo, Calif. Collection box for sales tax. 99,561; May 5.
- Honey Packers, Inc. (See Smith, Frasier, assignor.)
- Hood Rubber Company. (See Fowler, Fred D., assignor.)
- Hood Rubber Company. (See Joy, Walter, assignor.)
- Hookless Fastener Company. (See Barrett, Cohn D., assignor.)
- Hookless Fastener Company. (See Gaughan, John J., assignor.)
- Hooven, Howard D., Jr., assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 99,194; Apr. 7.
- Hooven, Howard D., Jr., assignor to Quaker Lace Company, Inc., Philadelphia, Pa. Lace tablecloth. 99,195; Apr. 7.
- Hoover Company, The. (See Dreyfuss, Henry, assignor.)
- Hopkins, George J., assignor to McCray Refrigerator Company, Kendallville, Ind. Refrigerator case or the like. 102,274; Dec. 8.
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Wheel. 99,805; May 26.
- Horne, Archibald B., Brooklyn, N. Y. Playground climbing apparatus. 100,562; July 28.
- Hornung, Clarence P., Hempstead Lake, N. Y., and J. L. Bernstein, Jersey City, N. J. Pocket folding camera. 100,563; July 28.
- Horsley, James H., Chicago, Ill. Tray or similar article. 98,069; Jan. 7.
- Horsley, James H., Chicago, Ill. Ash tray. 98,325; Jan. 28.
- Horsley, James H., Chicago, Ill. Combined truck flares and supporting bracket therefor. 102,483; Dec. 22.
- Horton Manufacturing Company. (See Peters, Arthur H., assignor.)
- Horvath, Anthony G. (See Beckett, W. H., and Horvath.)
- Horwich, Joe, et al. (See Silverstein, Raymond, assignor.)
- Horwitt, Nathan G., New York, N. Y. Clock. 98,769; Mar. 3.
- Hotstream Heater Company, The. (See Morrow, Clarence H., assignor.)
- Houbigant, Inc. (See Manoha, Jacques, assignor.)
- Houbigant, Inc. (See Wick, Andre, assignor.)
- Hough, Emory W., Fostoria, Ohio. Traffic beacon. 99,162; Mar. 31.
- Houghton, Lyle S., assignor to Penn Electric Switch Co., Des Moines, Iowa. Casing for thermostats or similar articles. 99,758; May 19.
- Hougland, Frederic A., assignor to General Bindery Company, Chicago, Ill. Book cover. 99,868; June 2.
- Hougland, Frederic A., assignor to General Bindery Company, Chicago, Ill. Waste basket. 99,944; June 9.
- Hougland, Frederic A., assignor to General Bindery Company, Chicago, Ill. Box. 99,945; June 9.
- Houser, Alfred C., Highland Park, assignor to Rosenow Company, Chicago, Ill. Spectacle frame. 98,520; Feb. 11.
- Housholder, Owen, et al. (See Trojan, Jose, assignor.)
- Housman, David, Winthrop, Mass. Automobile radiocabinet. 99,573; May 12.
- Housman, David, Winthrop, Mass. Automobile radiocabinet. 99,574; May 12.
- Howard, David J., assignor to Quaker Manufacturing Company, Chicago, Ill. Circulation heater. 98,163; Jan. 14.
- Howard, David J., assignor to Quaker Manufacturing Company, Chicago, Ill. Circulation heater. 98,397; Jan. 28.
- Howard, David J., assignor to Quaker Manufacturing Company, Chicago, Ill. Circulation heater. 101,599; Oct. 13.
- Howard, Viola T., Saylesville, R. I., assignor to The Baer & Wilde Co., Inc. Cuff link. 99,507; May 5.
- Howard, Viola T., Saylesville, R. I., assignor to Swank Products, Inc. Cravat holder. 100,163; June 23.
- Howard, Viola T., Saylesville, R. I., assignor to Swank Products, Inc., Attleboro, Mass. Framed emblem or similar article. 102,591; Dec. 29.
- Howell Company, The. (See Hoffmann, Wolfgang, assignor.)
- Hower, Harry C., Chicago, Ill. Automobile tire. 100,947; Aug. 25.
- Hower, Harry C., Chicago, Ill. Automobile tire. 100,948; Aug. 25.
- Hower, Harry C., Chicago, Ill. Automobile tire. 100,949; Aug. 25.
- Howie, John L., Jr., assignor to The Grigoleit Company, Decatur, Ill. Container cap. 99,327; Apr. 14.
- Hoyer, Henrik. (See Kurk, A. J., and Hoyer.)
- Hoyle, Frederick, Lambertville, N. J., assignor to The Stieff Company, Baltimore, Md. Spoon or similar article. 102,369; Dec. 15.
- Hübener, Karl, Hanover, Germany. Rubber tire. 102,275; Dec. 8.
- Huber, Otto E., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Stocking. 98,476; Feb. 4.
- Huber, Otto E., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 98,723; Feb. 25.
- Huber, Otto E., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 98,724; Feb. 25.
- Huber, Otto E., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 102,208; Dec. 1.
- Huber, Otto E., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 102,276; Dec. 8.
- Huber, Otto E., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 102,277; Dec. 8.
- Hubert, René, Hollywood, Calif., assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 98,114; Jan. 7.
- Hucknall, Hage W., assignor to The American Lace Mfg. Co., Elyria, Ohio. Lace. 98,326; Jan. 28.
- Hucknall, Hage W., assignor to The American Lace Mfg. Co., Elyria, Ohio. Lace. 98,672; Feb. 25.
- Hucknall, Hage W., assignor to The American Lace Mfg. Co., Elyria, Ohio. Lace. 99,025; Mar. 24.
- Hucknall, Hage W., assignor to The American Lace Mfg. Co., Elyria, Ohio. Lace. 99,026; Mar. 24.
- Hucknall, Hage W., assignor to The American Lace Mfg. Co., Elyria, Ohio. Lace scarf. 99,027; Mar. 24.
- Hucknall, Hage W., assignor to The American Lace Mfg. Co., Elyria, Ohio. Lace. 99,028; Mar. 24.
- Hudspeth, George T., Dallas, Tex. Gasoline dispensing pump. 99,546; May 5.
- Hueglin, Herman C., assignor to Airmaster Corporation, Chicago, Ill. Air circulator. 99,029; Mar. 24.
- Hueglin, Herman C., assignor to Airmaster Corporation, Chicago, Ill. Exhaust fan. 102,083; Nov. 24.
- Huffman Manufacturing Company, The. (See Clements, John W., assignor.)
- Huffman, Russell I., assignor to The Dover Manufacturing Co., Dover, Ohio. Sadiron or similar article. 99,806; May 26.
- Huffman, Russell I., assignor to The Dover Manufacturing Co., Dover, Ohio. Sadiron shell. 99,807; May 26.
- Hughes, Edwin J., Jr., Larchmont, N. Y. Golf bag. 102,278; Dec. 8.
- Hulbert, Robert C., Los Angeles, Calif. Radio cabinet. 98,521; Feb. 11.
- Humbard, Robert L., Palm Springs, and R. J. Burke, Altadena, Calif. Combined beverage measure and dispenser. 101,955; Nov. 17.
- Hume, John T., Chicago, assignor to Electric Household Utilities Corporation, Cicero, Ill. Agitator for domestic washing machines. 100,861; Aug. 18.
- Hume, John T., Chicago, assignor to Electric Household Utilities Corporation, Cicero, Ill. Domestic washing machine. 100,919; Aug. 18.
- Humphrey, Clen S., Brooklyn, N. Y. Dispensing top for containers. 101,991; Nov. 17.
- Humphrey, Clen S., Brooklyn, N. Y. Edible tablet. 102,165; Dec. 1.
- Humphrey, Horace G., assignor to The Texas Novelty Company, Beaumont, Tex. Cabinet for phonographs or the like. 99,946; June 9.
- Hunt, J. Harold, assignor to Motor Wheel Corporation, Lansing, Mich. Wheel. 99,328; Apr. 14.
- Hunt, Landren B., et al. (See Sterling, Marion A., assignor.)
- Hunt, William E., Pleasantville, N. Y. Tooth brush holder. 100,426; July 14.
- Hunter, John P., East Orange, N. J., assignor to Safe-guard, Inc., New York, N. Y. Index plate for check writers. 99,808; May 26.
- Hunter, Thomas M., East Orange, assignor to American Transformer Company, Newark, N. J. Voltage regulator. 100,529; July 21.
- Huntington, James M., La Canada, Calif. Barbecue pot. 99,126; Mar. 31.
- Hurlbut, Gordon B., Watertown, assignor to The Plume & Atwood Manufacturing Company, Waterbury, Conn. Ceiling lighting fixture. 101,872; Nov. 10.
- Hurzeler, Alphons, New Rochelle, N. Y. Shoe. 98,327; Jan. 28.
- Hurzeler, Alphons, New Rochelle, N. Y. Shoe. 101,873; Nov. 10.
- Huseby, Herman O., Huntington Park, assignor of one-half to E. T. Sausser, Cathedral City, Calif. Table. 101,361; Sept. 29.
- Huson, Arthur G., East Orange, N. J. Cemetery tent. 98,770; Mar. 3.
- Hutchens, Ralph W., assignor to Gillette Rubber Company, Eau Claire, Wis. Pneumatic tire. 100,517; July 21.



- Hutcheson, Ray R., Kew Gardens, assignor to Diecasters, Inc., New York, N. Y. Ash tray. 98,596; Feb. 18.
- Hutcheson, Ray R., assignor to Diecasters, Inc., New York, N. Y. Pen desk stand. 101,533; Oct. 13.
- Hutchinson, Allen H., Hamilton Square, N. J. Shell ash-tray. 100,024; June 16.
- Hutchison, James A., Chicago, Ill., assignor to Central Glass Works, Wheeling, W. Va. Sham pilsener tumbler or similar article. 99,508; May 5.
- Hutchison, William M., Indianapolis, assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Housing for dispensing apparatus. 101,362; Sept. 29.
- Hutchison, William M., Indianapolis, assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Housing for dispensing apparatus. 101,363; Sept. 29.
- Hutchison, William M., Indianapolis, assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Combined lamp pedestal and housing for dispensing apparatus. 101,364; Sept. 29.
- Hutchison, William M., Indianapolis, assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Combined lamp pedestal and housing for dispensing apparatus. 101,365; Sept. 29.
- Hutchison, William M., Indianapolis, assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Housing for dispensing apparatus. 101,739; Oct. 27.
- Hyatt, Alfred, New York, N. Y. Shoe. 99,809; May 26.
- Hyde, A. R., & Sons Co. (See Klein, Hyman, assignor.)
- Hyde, Burdon P., Naugatuck, Conn., assignor to Scovill Manufacturing Company Waterbury, Conn. Flashlight casing. 102,108; Nov. 24.
- Hyde, Herman S., Deerfield, Mass. Toy. 101,366; Sept. 29.
- Hyde, Ralph A., Brookline, Mass. Shoe or article of analogous nature. 98,673; Feb. 25.
- Hyde, Ralph A., Brookline, Mass. Shoe or article of analogous nature. 98,674; Feb. 25.
- Hydraulic Press Corporation, The. (See MacMillin, Howard F., assignor.)
- Hyman, Beth, New York, N. Y. Blouse. 98,164; Jan. 14.
- Hyman, Beth, New York, N. Y. Blouse. 98,254; Jan. 21.
- Hyman, Edgar C., New York, N. Y. Scarf. 102,187; Dec. 1.
- Hyvis Oils, Inc. (See Stephens, Billy M., assignor.)
- Iannelli, Alfonso, Park Ridge, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Handle. 100,267; July 7.
- Iannone, Joseph, Cleveland, Ohio. Brick for wall construction. 101,634; Oct. 20.
- Idealite, Inc. (See Laxer, Harry M., assignor.)
- Ihagee Kamerawerk Steenbergen & Co. (See Nuchterlein, Karl, assignor.)
- Ilford Limited. (See Renwick, Frank F., assignor.)
- Illinois Watch Case Company. (See Wewetzer, Albert, assignor.)
- Illsche, Arthur, and A. Drummond, Rye, N. Y. Flatiron. 101,462; Oct. 6.
- Imperial Brass Manufacturing Company, The. (See Dobrick, August C., assignor.)
- Imperial Desk Company. (See Hamilton, R. C., and Talbert, assignors.)
- Imperial Desk Company. (See Talbert, Benjamin H., assignor.)
- Imperial Glass Corporation. (See Newton, Earl W., assignor.)
- Indiana Glass Company. (See Clark, Jeddia B., assignor.)
- Inglis, William A., and E. E. Bathke, Los Angeles, Calif. Combination ash tray and lighter. 98,328; Jan. 28.
- Ingraham, E., Company, The. (See Ciccarelli, Ostilio, assignor.)
- Ingrassia, Joseph, Brooklyn, N. Y. Molding or similar article. 101,367; Sept. 29.
- International Cellulotton Products Company. (See Fourness, Charles A., assignor.)
- International Silver Company. (See Conroy, Edward J., assignor.)
- International Silver Company. (See Helander, Lillian V. M., assignor.)
- International Silver Company. (See Kintz, Alfred G., assignor.)
- International Silver Company. (See Stark, Frederick W., assignor.)
- Interstate Metal Products Co. (See Skobel, Louis W., assignor.)
- Interstate Metal Products Co. (See Sternberg, Alex, assignor.)
- Intertype Corporation. (See Rosengren, Herbert, assignor.)
- Invincible Metal Furniture Company. (See Bate, Joseph R., assignor.)
- Ireland, Isabel, New York, N. Y. Glove. 99,490; Apr. 28.
- Ireland, Isabel, New York, N. Y. Glove. 99,491; Apr. 28.
- Irwin, David K., Short Hills, N. J., assignor to Morgantown Glass Works, Morgantown, W. Va. Glass goblet. 99,676; May 19.
- Isaacs, Harry Z., Baltimore, Md. Breeches. 98,437; Feb. 4.
- Iovenko, Michael, New York, N. Y. Knitted pile fabric. 100,902; Aug. 18.
- Iovenko, Michael, New York, N. Y. Knitted pile fabric. 100,903; Aug. 18.
- Issaly, Raoul G., Grenoble, France. Rubber boot for females. 101,277; Sept. 22.
- Jackson, George McS., Lake Bluff, Ill. Cabinet. 98,649; Feb. 18.
- Jackson, George McStay, Lake Bluff, Ill. Lamp. 99,030; Mar. 24.
- Jackson, Purvis D., Chicago, Ill. Spark plug. 99,869; June 2.
- Jackson, Walter C., Rahway, N. J. Bicycle fender flap. 98,806; Mar. 3.
- Jacob, Christian A., Jr., Scarsdale, N. Y. Piano. 99,810; May 26.
- Jacob, Christian A., Jr., Scarsdale, N. Y. Piano. 99,811; May 26.
- Jacobi, Millard W. (See Heise, A. C., and Jacobi.)
- Jacobs Bros. Co., The. (See Kurk, A. J., and Hoyer, assignors.)
- Jacobs, F. L., Company. (See Visser, John, assignor.)
- Jacobs, Mordecai V., London, England. Pianoforte. 100,427; July 14.
- Jacobs, Paul F., Fort Wayne, Ind. Clock. 100,776; Aug. 11.
- Jacobs, Sol J., assignor to Libby, McNeill & Libby, Chicago, Ill. Liquid dispenser. 99,509; May 5.
- Jacobson, Louis, assignor to Liberty Overall Co., Birmingham, Ala. Overall bib. 98,863; Mar. 10.
- Jacobus, Alvah B., St. Johnsbury, Vt. Weighing scale beam. 99,239; Apr. 7.
- Jacobus, Alvah B., St. Johnsbury, Vt. Postal scale. 100,862; Aug. 18.
- Jaehne, Alfred H. (See Aldrich, R. N., and Jaehne.)
- James, Allen C., New York, N. Y. Combined bottle and stopper. 100,428; July 14.
- Jamieson, John, Garfield Heights, assignor to The Dickey-Grabler Company, Cleveland, Ohio. Burial case handle. 99,715; May 19.
- Jandus, Herbert S., and B. M. Short, Detroit, Mich. Bumper or similar article. 99,547; May 5.
- Jansen, Henry, assignor to Textile Machine Works, Wyomissing, Pa. Lighting fixture. 101,041; Sept. 1.
- Janssen, Henry, assignor to Textile Machine Works, Wyomissing, Pa. Calendar. 99,240; Apr. 7.
- Janusz, Adam, Port Byron, N. Y. Cigarette holder. 100,374; July 14.
- Jarvis, W. B., Company. (See Ruppel, Frederick C., assignor.)
- Jaskowiak, Peter. (See Shyvers, K. C., and Jaskowiak.)
- Jayne, Bennett, New York, N. Y., assignor to Bancroft-Walker Company, Waltham, Mass. Shoe. 100,730; Aug. 4.
- Jayne, Bennett, New York, N. Y., assignor to Bancroft-Walker Company, Waltham, Mass. Shoe. 101,220; Sept. 15.
- Jeffries, Morris H., Ranger, Tex. Tie rack. 101,874; Nov. 10.
- Jellinek, Kiki, New York, N. Y. Dress. 99,176; Mar. 31.
- Jellinek, Kiki, New York, N. Y. Dress. 99,283; Apr. 14.
- Jenks, George L., Chicago, Ill. Cereal bowl or similar article. 98,070; Jan. 7.
- Jensen, Gustav B., New York, N. Y. Radio cabinet. 98,477; Feb. 4.
- Jenssen, Henry, assignor to Textile Machine Works, Wyomissing, Pa. Textile work table. 98,864; Mar. 10.
- Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Sadiron handle. 98,165; Jan. 14.
- Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Sadiron cover. 98,166; Jan. 14.
- Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Sadiron. 98,167; Jan. 14.
- Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Sadiron handle support. 98,168; Jan. 14.
- Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Sadiron handle support. 98,169; Jan. 14.
- Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Liquid sprayer. 100,375; July 14.
- Jepson, Tinsley T., Neenah, Wis., assignor to Marathon Paper Mills Company, Rothschild, Wis. Paper pall or the like. 100,025; June 16.
- Jerro, John L., Brooklyn, N. Y. Lady's boudoir slipper or similar article. 99,196; Apr. 7.
- Jessee, Edwin E., Houston, Tex. Holder for keys or similar article. 98,941; Mar. 17.
- Jewett, John H., Detroit, Mich. Combined book and magazine rack. 99,394; Apr. 21.
- Jewett, John H., Detroit, Mich. Combined lamp and magazine stand. 99,395; Apr. 21.
- Jewett, John H., Detroit, Mich. Book rack. 99,396; Apr. 21.
- Jewett, John H., Detroit, Mich. Combined corner shelf and whatnot. 99,397; Apr. 21.
- Jewett, John H., Detroit, Mich. Table. 100,731; Aug. 4.
- Jewett, John H., Detroit, Mich. Wall cabinet. 100,777; Aug. 11.
- Jiraneck, Leo, New York, N. Y., assignor to Heywood-Wakefield Company, Gardner, Mass. Vanity table. 100,999; Aug. 25.
- Jiraneck, Leo, New York, N. Y., assignor to Heywood-Wakefield Company, Gardner, Mass. Bed. 101,221; Sept. 15.
- Jiraneck, Leo, New York, N. Y., assignor to Heywood-Wakefield Company, Gardner, Mass. Chest. 101,222; Sept. 15.
- Jiraneck, Leo, New York, N. Y., assignor to Heywood-Wakefield Company, Gardner, Mass. Bench. 101,223; Sept. 15.
- Joeck, Thomas D., and C. W. Bergen, Belmar, N. J. Ash tray holder. 100,268; July 7.



- John, B. P., Furniture Corporation. (See Krick, George, assignor.)
- Johnes, Robina, New York, N. Y. Textile fabric or similar article. 100,348; July 7.
- Johns, Herman S. (See Long, H. L., and Johns.)
- Johnson, Abe, New Haven, assignor to Johnson Wholesale Perfume Co., Inc., Hamden, Conn. Store front. 101,278; Sept. 22.
- Johnson, Arthur A. (See Brenn, C. W., and Johnson.)
- Johnson, Arthur A., New Bedford, Mass. Lighting fixture. 98,329; Jan. 28.
- Johnson Brothers (Hanley) Ltd. (See Johnson, Ernest J., assignor.)
- Johnson, Carl A., assignor to Art Metal Construction Company, Jamestown, N. Y. Metal locker or similar article. 100,213; June 30.
- Johnson, Erick A., and J. D. W. McBride, assignor of one-fourth to K. H. Thoorsell, Duluth, Minn. Chair or similar article. 99,398; Apr. 21.
- Johnson, Ernest J., Stone, England, assignor to Johnson Bros. (Hanley) Ltd., Stoke-on-Trent, England. Plate or similar article. 99,031; Mar. 24.
- Johnson, Ernest J., Stone, England, assignor to Johnson Brothers (Hanley) Ltd., Stoke-on-Trent, Staffordshire, England. Plate or similar article. 100,106; June 23.
- Johnson, Ernest J., Stone, England, assignor to Johnson Bros. (Hanley) Ltd., Stoke-on-Trent, England. Plate or similar article. 100,107; June 23.
- Johnson, Frank R., St. Charles, Ill. Body for a stringed musical instrument. 100,498; July 21.
- Johnson, Gustaf A., and M. A. Lopes, Manteca, Calif. Display stand. 99,677; May 19.
- Johnson, Gustave A., Weymouth, assignor to New England Bedding Company, Medford, Mass. Combination back and arm rest for a couch or similar article of furniture. 99,562; May 5.
- Johnson, Herbert C., Chicago, Ill. Juice extractor. 101,000; Aug. 25.
- Johnson, Merrell M., Iowa City, Iowa. Child's wheeled toy. 101,496; Oct. 6.
- Johnson, S. C., & Son, Inc. (See Fuerst, Edwin W., assignor.)
- Johnson Wholesale Perfume Co. (See Johnson, Abe, assignor.)
- Johnston, Robert A., Company. (See Olmstead, Ralph P., assignor.)
- Jones, Albert A., Lincoln, Nebr. Road sign. 102,280; Dec. 8.
- Jones, David, Muncie, Ind., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Glass building block. 99,087; Mar. 24.
- Jones, Don F., and M. F. Cotes, assignors to Motor Wheel Corporation, Lansing, Mich. Heater. 100,376; July 14.
- Jones, Don F., and M. F. Cotes, assignors to Motor Wheel Corporation, Lansing, Mich. Heater cabinet. 101,279; Sept. 22.
- Jones, Don F., and M. F. Cotes, assignors to Motor Wheel Corporation, Lansing, Mich. Cooking range. 101,586; Oct. 13.
- Jones, Henry F., assignor to Jones Roofing and Supply Company, Inc., Calhoun, Ga. Rug or similar article. 99,662; May 12.
- Jones, Henry F., assignor to Jones Roofing and Supply Company, Inc., Calhoun, Ga. Rug or similar article. 99,663; May 12.
- Jones, James R., assignor to Art Metal Construction Company, Jamestown, N. Y. Desk or similar article. 100,349; July 7.
- Jones, James R., assignor to Art Metal Construction Company, Jamestown, N. Y. Desk or similar article. 102,052; Nov. 24.
- Jones, James R., assignor to Art Metal Construction Company, Jamestown, N. Y. Desk or similar article. 102,053; Nov. 24.
- Jones, James R., assignor to Art Metal Construction Company, Jamestown, N. Y. Desk or similar article. 102,054; Nov. 24.
- Jones, Parke F. (See Love, L. C., and Jones.)
- Jones Roofing and Supply Company. (See Jones, Henry F., assignor.)
- Joost, William E., Oakland, Calif. Display sign. 100,214; June 30.
- Jordan, Wayne, Detroit, Mich. Campaign pin or similar article. 101,122; Sept. 8.
- Joslin, Charles A. (See Ballou, H. M., and Joslin.)
- Joslin, Charles A., assignor to R. Blackinton & Co., North Attleboro, Mass. Spoon or similar article. 100,950; Aug. 25.
- Joy, Walter, Belmont, assignor to Hood Rubber Company, Inc., Watertown, Mass. Battery box. 98,675; Feb. 25.
- Joyce, William H., assignor to Pasadena Slipper Co., Pasadena, Calif. Shoe or similar article. 101,463; Oct. 6.
- Judd, Irving H., Dearborn, assignor to Whitehead & Kales Company, River Rouge, Mich. Automobile transport. 100,164; June 23.
- Juelss, David, Brooklyn, N. Y., assignor to American Lead Pencil Company, Hoboken, N. J. Pencil. 98,522; Feb. 11.
- Julian & Kokenge Company, The. (See Stock, Otto F., assignor.)
- Julius, Joseph E., and M. H. Scroggins, Youngstown, Ohio. Tombstone. 101,123; Sept. 8.
- Junger, Betty, New York, N. Y. Serving platter. 99,127; Mar. 31.
- Junkers & Co. G. m. b. H. (See Hegwein, Georg, assignor.)
- Jurie, Josephine, Providence, R. I., assignor to United States Rubber Products, Inc., New York, N. Y. Bathing cap. 99,812; May 26.
- Kahn, Bertrand B., Cincinnati, Ohio, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 99,128; Mar. 31.
- Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Heater. 99,510; May 5.
- Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Heater. 100,166; June 23.
- Kahn, David, Woodcliff, N. J. Fountain pen and pencil clip. 98,255; Jan. 21.
- Kahn, David, Woodcliff, N. J., assignor to David Kahn, Inc., North Bergen, N. J. Fountain pen and pencil clip. 101,042; Sept. 1.
- Kahn, David, Inc. (See Kahn, David, assignor.)
- Kaiser, Ernest, assignor to Frigid Fluid Company, Chicago, Ill. Caster. 102,484; Dec. 22.
- Kalberer, Karl H., Oakland, Calif. Flashlight. 102,137; Dec. 1.
- Kalmon, Morris, St. Louis, Mo. Shoe. 100,863; Aug. 18.
- Kalmon, Morris, St. Louis, Mo. Shoe. 100,864; Aug. 18.
- Kalmon, Morris, St. Louis, Mo. Shoe. 100,865; Aug. 18.
- Kalmon, Morris, St. Louis, Mo. Shoe. 100,866; Aug. 18.
- Kalpakkoff, William, Southgate, Calif. Dining table. 100,165; June 23.
- Kane, Bernard N., East Liverpool, Ohio, assignor to The Stetson China Company, Chicago, Ill. Plate or similar article. 100,778; Aug. 11.
- Kane, Bernard N., assignor to The Hall China Company, East Liverpool, Ohio. Bowl or similar article. 101,777; Nov. 3.
- Kane, Bernard N., assignor to The Hall China Company, East Liverpool, Ohio. Plate or similar article. 102,109; Nov. 24.
- Kaner, Abraham D., University City, Mo. Wall unit for a store interior. 100,779; Aug. 11.
- Kanter, Edward, Cleveland Heights, Ohio. Pen stand. 98,942; Mar. 17.
- Kanter, Edward, Cleveland Heights, Ohio. Pen stand. 102,229; Dec. 1.
- Kaplan, Abe C., New York, N. Y. Textile fabric. 98,330; Jan. 28.
- Kaplan, Harry, New York, N. Y. Playsuit. 100,167; June 23.
- Kaplan, John, St. Louis, Mo. Shoe. 100,780; Aug. 11.
- Kaplan, Julius, Maplewood, N. J. Pillow top. 98,865; Mar. 10.
- Kaplan, Walter, assignor to The Emporium, San Francisco, Calif. Textile fabric. 100,732; Aug. 4.
- Karfol, Edward, New York, N. Y. Shelf paper. 99,284; Apr. 14.
- Karfol, Edward, New York, N. Y. Doily. 99,285; Apr. 14.
- Karfol, Edward, Great Neck, N. Y. Doily or similar article. 102,485; Dec. 22.
- Karlsberger, Louis F., assignor to P. A. Oelgoetz, Columbus, Ohio. Restaurant building. 98,523; Feb. 11.
- Karoff, Robert B., Chicago, Ill. Display bottles and container therefor. 99,623; May 12.
- Karp, William, assignor to Franklin Simon & Co., Inc., New York, N. Y. Ensemble dress. 98,597; Feb. 18.
- Karper, Abraham S., Brooklyn, N. Y. Receptacle. 99,399; Apr. 21.
- Karron, David, Brooklyn, N. Y. Handbag frame. 100,269; July 7.
- Karsh, Alexander, New York, N. Y. Service stand for the display of hors d'oeuvres. 98,071; Jan. 7.
- Karson, Nat, New York, N. Y., assignor to Crompton Company, West Warwick, R. I. Corduroy fabric. 99,032; Mar. 24.
- Karstadt, Clarence, assignor to Briggs Manufacturing Company, Detroit, Mich. Water closet. 101,534; Oct. 13.
- Karstadt, Clarence, assignor to Briggs Manufacturing Company, Detroit, Mich. Water closet. 101,535; Oct. 13.
- Karstadt, Clarence, assignor to Briggs Manufacturing Company, Detroit, Mich. Water closet. 101,536; Oct. 13.
- Kass, Benny, Boston, Mass. Hat. 101,635; Oct. 20.
- Kastar Specialty Mfg. Co. (See Lampert, Herbert H., assignor.)
- Katchamakoff, Sasha, Los Angeles, Calif. Cup or similar article. 99,759; May 19.
- Katz, Adolph, assignor to Cohn & Rosenberger, Inc., New York, N. Y. Pendant. 101,368; Sept. 29.
- Katz, Benjamin S., assignor to The Gruen Watch Company, Cincinnati, Ohio. Watch display box. 100,026; June 16.
- Katz, Russell, assignor to Krauth & Benninghofen, Hamilton, Ohio. Orchestra stand or similar article. 99,602; May 12.
- Kaufmann, David. (See Busch, Rudolf, assignor.)
- Kaufmann, George A., Essex Fells, N. J. Brassière or similar article. 101,875; Nov. 10.
- Kaunitz, Fred E., and L. R., Bay City, Mich. Trailer. 98,650; Feb. 18.
- Kaunitz, Lester R. (See Kaunitz, Fred E., and L. R.)



- Kaup, Fred H., and F. H. Kinyoun, Omaha, Nebr. Freezing device for edibles. 98,524; Feb. 11.
- Kaupmann, Frederick, Brooklyn, N. Y., assignor to Art Metal Works, Inc. Tray. 101,043; Sept. 1.
- Kaupmann, Frederick, Brooklyn, N. Y., assignor to Art Metal Works, Inc. Tray. 101,044; Sept. 1.
- Kavanagh, Gardner C., assignor to Aeolian American Corporation, East Rochester, N. Y. Piano case. 98,115; Jan. 7.
- Kavanagh, Gardner C., Rochester, assignor to Aeolian American Corporation, East Rochester, N. Y. Piano case. 98,170; Jan. 14.
- Kavanagh, Gardner C., Rochester, assignor to Aeolian American Corporation, East Rochester, N. Y. Piano case. 99,089; Mar. 24.
- Kayser, Julius & Co. (See Beniston, William J.)
- Kayser, Julius, & Co. (See Kovar, Charles R., assignor.)
- Kean, Nathan K., New York, N. Y. Shoe or similar article. 101,046; Sept. 1.
- Kean, Nathan K., New York, N. Y. Shoe or similar article. 102,329; Dec. 15.
- Kean, Nathan K., New York, N. Y. Shoe or similar article. 102,330; Dec. 15.
- Keeler Brass Company. (See Hess, Fritz K., assignor.)
- Keeler Brass Company. (See Rettich, Kurt, assignor.)
- Keeler Brass Company. (See Uhlmann, Otto E., assignor.)
- Keightley, John B., Los Angeles, Calif. Bottle or similar container. 99,492; Apr. 28.
- Keil, Gustav B., St. Joseph, Mich., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Cabinet for a domestic ironing machine. 98,072; Jan. 7.
- Keil, Gustav B., St. Joseph, Mich., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Combination washing machine casing and wringer. 99,749; Aug. 19.
- Keith, George E., Company. (See Caldwell, Charles H., assignor.)
- Keith, Geo. E. Company. (See Fishman, Jacob, assignor.)
- Kell, David, New York, N. Y. Dress. 101,001; Aug. 25.
- Kell, David, New York, N. Y. Dress. 101,002; Aug. 25.
- Keller, Myrtle R., assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 100,245; June 30.
- Keller, William J., St. Louis, Mo. Flower holder. 102,431; Dec. 22.
- Kelley, Henry P., Coral Gables, Fla. Bracelet. 100,665; Aug. 4.
- Kelley, John E., Bangor, Maine. Combination bathroom unit. 101,047; Sept. 1.
- Kelley-Koett Manufacturing Company, The. (See Graves, Edward B., assignor.)
- Kelley-Koett Manufacturing Company, The. (See Werner, Wilbur S., assignor.)
- Kelly, John S., Detroit, Mich. Deck of playing cards. 102,556; Dec. 29.
- Kelsey, Benjamin S. (See Taylor, J. G., Wilson, Kelsey, and Swanson.)
- Kelsey, Benjamin S. (See Wilson, R., C. Kelsey, and Swanson.)
- Kelsey-Hayes Wheel Company. (See Sinclair, Charles W., assignor.)
- Kenda, George, New York, and E. M. Porter, Brooklyn, assignors to Universal Camera Corporation, New York, N. Y. Projector or similar article. 101,956; Nov. 17.
- Kende, George. (See Githens, O. W., and Kende.)
- Kennelly, Jeremiah D., Oak Park, Ill. Headlight. 99,286; Apr. 14.
- Kennelly, Jeremiah D., Oak Park, Ill. Signal lamp. 100,781; Aug. 11.
- Kenney, Mahlon W. (See Grunow, W. C., Coats, and Kenney.)
- Kensington, Incorporated. (See Cornelius, duPont, assignor.)
- Kensington, Incorporated. (See Davidson, Julius R., assignor.)
- Kensington, Incorporated. (See Guild, Lurelle, assignor.)
- Kensington, Incorporated. (See Guild, L., and Smith, assignors.)
- Kensington, Incorporated. (See Towne, Carlton G., assignor.)
- Kerk Guild, Ind. (See Gaba, A. Lester, assignor.)
- Kessler, Julius, Distilling Co. (See Levine, Calman, assignor.)
- Kessler, Sidney, Brooklyn, assignor to American Spirits, Inc., New York, N. Y. Container cap. 101,048; Sept. 1.
- Ketchum, Miner G., Indianapolis, Ind. Combined stand and tray for smokers. 99,641; May 12.
- Ketchum, Miner G., Indianapolis, Ind. Combined stand and tray for smokers. 99,642; May 12.
- Kibbe Auxiliator Corporation. (See Kibbe, Clinton H., assignor.)
- Kibbe, Clinton H., New York, N. Y., assignor to Kibbe Auxiliator Corporation. Auxiliator and microtelling apparatus. 100,782; Aug. 11.
- Kidde, Walter, Sales Company. (See Towart, Archie, Jr., assignor.)
- Kidskin Guild. (See Morrell, Louis D., assignor.)
- Kihn, Lawrence J., Pittsburgh, Pa., assignor to J. T. & A. Hamilton Company. Glass bottle. 98,598; Feb. 18.
- Kimball, Ranch S., Salt Lake City, Utah. Advertising sign. 99,548; May 5.
- Kimball, Ranch S., Salt Lake City, Utah. Advertising sign. 102,465; Dec. 22.
- Kimble Glass Company. (See Kimble, Herman K., assignor.)
- Kimble, Herman K., assignor to Kimble Glass Company, Vineland, N. J. Bracket. 101,585; Oct. 13.
- King, C. G. & Company. (See Gibbons, Winifred L., assignor.)
- King, Edward, New York, N. Y. Illuminated crucifix. 98,256; Jan. 21.
- Kinnard, Isaac F., Lynnfield, Mass., assignor to General Electric Company. Combination electric meter and connection box. 100,783; Aug. 11.
- Kintz, Alfred G., Wallingford, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 100,168; June 23.
- Kintz, Alfred G., Wallingford, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 101,369; Sept. 29.
- Kintz, Alfred G., Wallingford, and L. V. M. Helander, assignors to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 98,943; Mar. 17.
- Kinyoun, Floyd H. (See Kaup, F. H., and Kinyoun.)
- Kircher, Ralph N., assignor to West Bend Aluminum Company, West Bend, Wis. Combined cigarette container and support therefor. 101,464; Oct. 6.
- Kirk, Claude R. (See Collison, E. E., and Kirk.)
- Kirsch, Benjamin, and A. B. Medville, assignors to Auto Radiator Mfg. Co., Chicago, Ill. Combined radiator shell and deflector. 99,241; Apr. 7.
- Kirsch, Benjamin, assignor to Auto Radiator Mfg. Co., Chicago, Ill. Swivel mounted air-circulating device. 101,740; Oct. 27.
- Kirsch Company. (See Kirsch, Guy W., assignor.)
- Kirsch, Guy W., assignor to Kirsch Company, Sturgis, Mich. Window drapery or analogous article. 101,224; Sept. 15.
- Kirschbaum, Samuel N., New York, N. Y. Textile fabric. 102,301; Dec. 8.
- Kirstein, Estelle A., Philadelphia, Pa. Bottle. 99,197; Apr. 7.
- Kirstein, Mark, Rochester, N. Y. Handle for knives. 102,166; Dec. 1.
- Kirsten, Nicholas, Detroit, Mich. Brush. 102,055; Nov. 24.
- Kisling, William L., St. Louis, Mo. Combination lamp and fan. 101,479; Oct. 6.
- Kistner, Merrill M., Indianapolis, Ind. Closure for a bottle or the like. 99,913; June 2.
- Kivley, Ray C., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel. 101,815; Nov. 3.
- Klaff, Isaac, assignor to L. Klaff, Norfolk, Va. Mat. 102,592; Dec. 29.
- Klaff, Louis. (See Klaff, Isaac, assignor.)
- Klehr, William, Forrest Hills, N. Y., assignor to Edward F. Caldwell & Co. Inc., New York, N. Y. Lamp or similar article. 100,027; June 16.
- Klehr, William, Forrest Hills, assignor to Edward F. Caldwell & Co. Inc., New York, N. Y. Lamp or similar article. 100,028; June 16.
- Klehr, William, Forrest Hills, assignor to Edward F. Caldwell & Co. Inc., New York, N. Y. Lamp or similar article. 100,029; June 16.
- Klein, Bernard G., Chicago, Ill. Decorative waterproof covering for cleaner cans and soap flake boxes. 99,549; May 5.
- Klein, Bernard G., Chicago, Ill. Moistening device. 101,741; Oct. 27.
- Klein, Bert, New York, N. Y. Textile fabric or similar article. 102,466; Dec. 22.
- Klein, Charles F., Stockton, Calif. Bird house. 100,564; July 28.
- Klein, Chris J. (See McDaniel, J. S., and Klein.)
- Klein, Chris J. (See Trombley, B. N., and Klein.)
- Klein, Hyman, Lynn, assignor to A. R. Hyde & Sons Co., Cambridge, Mass. Shoe or article of analogous nature. 98,676; Feb. 25.
- Klein, Lewis H., Chicago, Ill. Alphabet. 102,110; Nov. 24.
- Klein, Max. (See Dunn, J. C., and Klein.)
- Klein, Max, assignor to Mosse, Incorporated, New York, N. Y. Towel or similar article. 100,951; Aug. 25.
- Klemme, Maurice G., assignor to Eagle Foundry Company, Belleville, Ill. Cooking stove. 99,438; Apr. 28.
- Kleven, Samuel L., Swampscott, Mass. Shoe or article of analogous nature. 98,677; Feb. 25.
- Klipfel, John M., Elizabeth, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Safety tread plate. 100,215; June 30.
- Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Combined waffle iron and tray. 98,073; Jan. 7.
- Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Casing for a toaster or similar article. 99,287; Apr. 14.
- Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Vibrator or similar article. 99,288; Apr. 14.
- Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Fan. 101,225; Sept. 15.
- Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Jug or similar article. 101,280; Sept. 22.
- Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Tray base for sandwich toasters or the like. 101,465; Oct. 6.



- Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Combined fan blade and shaft guard. 102,056; Nov. 24.
- Knapp, Edward L., W. W. Peterson, and L. M. Dexter, assignors to National Brass Company, Grand Rapids, Mich. Drawer pull. 100,698; Aug. 4.
- Knapp, Leland G., assignor to Montgomery-Ward & Co., Incorporated, Chicago, Ill. Brooder stove. 98,074; Jan. 7.
- Knapp-Monarch Company. (See Knapp, Andrew S., assignor.)
- Knapp-Monarch Company. (See Newnham, Eugene, assignor.)
- Knapp-Monarch Company. (See Smith, Howard, assignor.)
- Knickerbocker Toy Co. (See Wanderman, Gertrude, assignor.)
- Knopf, Albert M., Philadelphia, Pa. Dress display case. 98,075; Jan. 7.
- Knox, Malcolm R., assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Combined oil burner casing and support therefor. 98,725; Feb. 25.
- Knox, Malcolm R., assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Combined oil burner casing and support therefor. 98,726; Feb. 25.
- Knox, Malcolm R., assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Casing for an oil burner. 101,537; Oct. 13.
- Knox Stove Works. (See Miller, J. B., and Biddle, assignors.)
- Koch, Louis A., Jr., Louisville, Ky. Automobile exhaust shroud. 101,840; Nov. 3.
- Koch, William P., Oak Park, assignor to Chicago Die Casting Mfg. Co., Chicago, Ill. Fruit juice extractor. 101,957; Nov. 17.
- Koci, Ludvik J., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric stove or similar article. 100,270; July 7.
- Koehring Company. (See Tranaas, Emil L., assignor.)
- Koeller, Walter P., assignor to Pres-To-Fill Products Company, Chicago, Ill. Tobacco pouch. 98,525; Feb. 11.
- Kogan, Belle, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Cup or similar article. 101,958; Nov. 17.
- Kogan, Belle, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Sugar bowl or similar article. 101,959; Nov. 17.
- Kogan, Belle, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Teapot or similar article. 101,960; Nov. 17.
- Kogan, Belle, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Pitcher or similar article. 101,961; Nov. 17.
- Kohen, Jack, Chicago, Ill. Cigar and cigarette lighter. 100,169; June 23.
- Kohl, William R., Cumberland, assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 101,538; Oct. 13.
- Kohl, William R., Cumberland, assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 101,539; Oct. 13.
- Kohl, William R., Chicago, Ill., assignor to Carr-Lowrey Glass Company, Baltimore, Md. Bottle. 102,279; Dec. 8.
- Kohler, Walter J., Kohler, Wis. Bathtub. 100,565; July 28.
- Kohler, Walter J., Kohler, Wis., and G. K. Geerlings, New Canaan, Conn. Bathtub. 101,636; Oct. 20.
- Kohler, Walter J., Kohler, Wis., and G. K. Geerlings, New Canaan, Conn. Bathtub. 101,637; Oct. 20.
- Kohler, Walter J., Kohler, Wis., and G. K. Geerlings, New Canaan, Conn. Bathtub. 102,370; Dec. 15.
- Kohler, Walter J., Kohler, Wis., and G. K. Geerlings, New Canaan, Conn. Bathtub. 102,557; Dec. 29.
- Kohler, Walter J., Kohler, Wis., and G. K. Geerlings, New Canaan, Conn. Bathtub. 102,558; Dec. 29.
- Kohler, Walter J., Kohler, Wis., and G. K. Geerlings, New Canaan, Conn. Bathtub. 102,559; Dec. 29.
- Kohlmeier, John J., Butler, N. J., assignor to American Hard Rubber Company, New York, N. Y. Comb. 98,257; Jan. 21.
- Kolmar, Inc. (See Freedman, Stewart S., assignor.)
- Kolmar, Inc. (See Marks, Henry A., assignor.)
- Kolmer, Max, New York, N. Y. Coat. 98,258; Jan. 21.
- Konelsky, Ernest, Paris, France. Handbag or similar article. 102,111; Nov. 24.
- Koogler, Oscar A., assignor to The Midwest Tool & Engineering Company, Dayton, Ohio. Table. 98,526; Feb. 11.
- Koons, Paul M., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Refrigerator cabinet. 100,226; Sept. 15.
- Koons, Paul M., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Refrigerator cabinet body. 101,227; Sept. 15.
- Koons, Paul M., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Refrigerator cabinet. 101,228; Sept. 15.
- Koons, Paul M., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Refrigerator cabinet body. 102,031; Nov. 24.
- Koons, Paul M., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Refrigerator cabinet body. 102,057; Nov. 24.
- Kopp Glass, Incorporated. (See Kopp, Nicholas, assignor.)
- Kopp, Nicholas, Pittsburgh, Pa., assignor to Kopp Glass, Incorporated, Swissvale, Pa. Lighting fixture bowl or similar article. 102,560; Dec. 29.
- Kornblum, Sam, New York, N. Y., assignor to Lehman Brothers Silverware Corporation. Percolator urn or similar article. 100,699; Aug. 4.
- Kornblum, Sam, New York, N. Y., assignor to Lehman Brothers Silverware Corporation. Cocktail shaker. 100,700; Aug. 4.
- Kornfeld, Morton D. (See Fatherley, Robert E., assignor.)
- Kornfeld, Morton D. (See Roberson, Willard D., assignor.)
- Kornfeld, Morton D., New York, N. Y. Textile fabric. 99,716; May 19.
- Kornfeld, Morton D., New York, N. Y. Textile fabric. 99,765; May 19.
- Koudelka, Emil, New York, N. Y. Photographic mount. 100,030; June 16.
- Kotzin, Adolph A., Chicago, Ill. Shoe. 102,331; Dec. 15.
- Kousin, Harry, New York, N. Y. Ring. 102,167; Dec. 1.
- Kovar, Charles R., Richmond Hill, N. Y. Glove. 99,198; Apr. 7.
- Kovar, Charles R., Richmond Hill, N. Y. Glove. 99,199; Apr. 7.
- Kovar, Charles R., Richmond Hill, N. Y. Glove. 99,200; Apr. 7.
- Kovar, Charles R., Richmond Hill, N. Y. Glove. 99,400; Apr. 21.
- Kovar, Charles R., Richmond Hill, N. Y. Glove. 99,401; Apr. 21.
- Kovar, Charles R., Richmond Hill, N. Y. Glove. 99,402; Apr. 21.
- Kovar, Charles R., Richmond Hill, N. Y. Glove. 99,403; Apr. 21.
- Kovar, Charles R., Richmond Hill, N. Y. Glove. 99,404; Apr. 21.
- Kovar, Charles R., Richmond Hill, assignor to Julius Kayser & Co., New York, N. Y. Glove. 100,821; Aug. 11.
- Kovar, Charles R., Richmond Hill, assignor to Julius Kayser & Co., New York, N. Y. Glove. 100,822; Aug. 11.
- Kovar, Charles R., Richmond Hill, assignor to Julius Kayser & Co., New York, N. Y. Glove. 100,823; Aug. 11.
- Kovar, Charles R., Richmond Hill, assignor to Julius Kayser & Co., New York, N. Y. Glove. 100,824; Aug. 11.
- Kovar, Charles R., Richmond Hill, assignor to Julius Kayser & Co., New York, N. Y. Glove. 100,920; Aug. 18.
- Kovar, Charles R., Richmond Hill, assignor to Julius Kayser & Co., New York, N. Y. Glove. 101,094; Sept. 1.
- Kovar, Charles R., Richmond Hill, assignor to Julius Kayser & Co., New York, N. Y. Glove. 101,307; Sept. 22.
- Kovar, Charles R., Richmond Hill, assignor to Julius Kayser & Co., New York, N. Y. Glove. 101,308; Sept. 22.
- Kovar, Charles R., Richmond Hill, assignor to Julius Kayser & Co., New York, N. Y. Glove. 101,309; Sept. 22.
- Kovar, Charles R., Richmond Hill, assignor to Julius Kayser & Co., New York, N. Y. Glove. 101,670; Oct. 20.
- Kowal, Jack, New York, N. Y. Covered button. 99,760; May 19.
- Kozak, Helen, Hollis, N. Y. Shoe or similar article. 100,271; July 7.
- Kozak, Helen, Hollis, N. Y. Shoe or similar article. 100,272; July 7.
- Kozak, Helen, Hollis, N. Y. Shoe or similar article. 100,273; July 7.
- Kozak, Helen, Hollis, N. Y. Shoe or similar article. 100,325; July 7.
- Kozak, Helen, Hollis, N. Y. Shoe or similar article. 100,784; Aug. 11.
- Kozak, Helen B., Hollis, N. Y. Shoe or similar article. 100,666; Aug. 4.
- Kozak, Helen B., New York, N. Y., assignor to Laird, Schober Company, Inc., Philadelphia, Pa. Shoe. 98,438; Feb. 4.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Velocipede. 98,076; Jan. 7.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Velocipede. 98,527; Feb. 11.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Handle bar. 98,651; Feb. 18.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Coaster. 99,479; Apr. 28.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Bicycle frame. 101,281; Sept. 22.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Juvenile vehicle body. 102,058; Nov. 24.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Juvenile vehicle body. 102,084; Nov. 24.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Velocipede. 102,138; Dec. 1.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Cycle lamp. 102,371; Dec. 15.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Cycle lamp. 102,372; Dec. 15.



- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Bicycle. 102,373; Dec. 15.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Fender for a cycle. 102,374; Dec. 15.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Fender for a cycle. 102,375; Dec. 15.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Chain guard for a cycle. 102,376; Dec. 15.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Hub cap for a cycle. 102,377; Dec. 15.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Combined pedal and crank for a cycle. 102,378; Dec. 15.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Bicycle. 102,379; Dec. 15.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Cycle truss rod unit. 102,380; Dec. 15.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Handle bar for a cycle. 102,432; Dec. 22.
- Kramer, Andrew A. (See Buchanan, F. C., and Gill, assignors.)
- Kramer, Andrew A. (See Gadberry, Ward M., assignor.)
- Kramer, Andrew A. (See Kramer, Joseph M., assignor.)
- Kramer, Andrew A. (See Kramer, J. M., Gadberry, and McElvain, assignors.)
- Kramer, Andrew A. and J. M., and F. C. Buchanan, Kansas City, Mo.; said J. M. Kramer and said Buchanan assignors to said A. A. Kramer. Combination tank and package delivery body for vehicles. 101,587; Oct. 13.
- Kramer, Howard A., Saugus, Mass., assignor to Boston Woven Hose and Rubber Company, Cambridge, Mass. Hose nozzle. 98,259; Jan. 21.
- Kramer, Joseph M. (See Kramer, A. A. and J. M., and Buchanan.)
- Kramer, Joseph M., assignor to A. A. Kramer, Kansas City, Mo. Operating lever for tank closures. 99,163; Mar. 31.
- Kramer, Joseph M., W. M. Gadberry, and A. J. McElvain, assignors to A. A. Kramer, Kansas City, Mo. Tank body for vehicles. 99,575; May 12.
- Kranley, John A., Brooklyn, N. Y. Fountain brush. 101,082; Sept. 1.
- Krantz, Everett W., Honesdale, Pa. Knitted fabric. 99,576; May 12.
- Kranz, Irwin, New York, N. Y. Ensemble dress. 101,003; Aug. 25.
- Kranz, Irwin, New York, N. Y. Dress. 101,095; Sept. 1.
- Kranz, Irwin, New York, N. Y. Dress. 101,229; Sept. 15.
- Kranz, Irwin, New York, N. Y. Dress. 101,497; Oct. 6.
- Kranz, Philip, and A. P. Schmid, assignors to B. Wilmsen, Philadelphia, Pa. Christmas tree ornament. 98,528; Feb. 11.
- Kranz, Philip, and A. P. Schmid, assignors to B. Wilmsen, Philadelphia, Pa. Christmas tree ornament. 98,529; Feb. 11.
- Kranz, Philip and A. P. Schmid, assignors to B. Wilmsen, Philadelphia, Pa. Christmas tree ornament. 98,866; Mar. 10.
- Krasnick, Jacob L., Holly, assignor to Grinnell Bros., Detroit, Mich. Piano or similar article. 101,540; Oct. 13.
- Krasnick, Jacob L., Holly, assignor to Grinnell Bros., Detroit, Mich. Piano or similar article. 101,778; Nov. 3.
- Krasnick, Jacob L., Holly, assignor to Grinnell Bros., Detroit, Mich. Piano or similar article. 102,381; Dec. 15.
- Kratz, Oscar E., assignor to The H. D. Lee Mercantile Co., Kansas City, Mo. Overall. 101,779; Nov. 3.
- Kraunz, Irving, New York, N. Y. Play suit. 100,455; July 14.
- Kraunz, Irving, New York, N. Y. Blouse. 101,498; Oct. 6.
- Krause, Earnest J., Beverly Hills, Calif. Combined radio and bar cabinet. 100,952; Aug. 25.
- Krauth & Benninghofen. (See Katz, Russell, assignor.)
- Krauthheim, Albert, Selb, Germany, assignor to Oneida, Limited, Oneida, N. Y. Dish or similar article. 99,033; Mar. 24.
- Kreamer, A., Incorporated. (See Stallings, G. W., and Walker, assignors.)
- Kreisler, Jacques, New Rochelle, N. Y. Watch bracelet or similar article. 98,944; Mar. 17.
- Kreisler, Jacques, New Rochelle, N. Y. Watch bracelet or similar article. 98,945; Mar. 17.
- Kreisler, Jacques, New Rochelle, N. Y. Watch bracelet or similar article. 98,946; Mar. 17.
- Kreisler, Jacques, New Rochelle, assignor to Jacques Kreisler Sales Corporation, New York, N. Y. Watch bracelet or similar article. 100,953; Aug. 25.
- Kreisler, Jacques, New Rochelle, N. Y., assignor to Jacques Kreisler Sales Corporation, New York, N. Y. Watch bracelet or similar article. 100,954; Aug. 25.
- Kreisler, Jacques, New Rochelle, N. Y., assignor to Jacques Kreisler Sales Corporation, New York, N. Y. Watch bracelet or similar article. 100,955; Aug. 25.
- Kreisler, Jacques, Sales Corporation. (See Kreisler, Jacques, assignor.)
- Krementz, Frank Co. (See Donaly, James L., assignor.)
- Kreps, Elmer H. (See Allen, G. N., Ressegger, and Kreps.)
- Kress, S. H., and Company. (See Sibbert, Edward F., assignor.)
- Krick, George, assignor to B. P. John Furniture Corporation, Portland, Oreg. Bedstead. 101,780; Nov. 3.
- Krick, George, assignor to B. P. John Furniture Corporation, Portland, Oreg. Chest or similar article. 101,781; Nov. 3.
- Krick, George, assignor to B. P. John Furniture Corporation, Portland, Oreg. Vanity or similar article. 101,782; Nov. 3.
- Kronstadt, Max, Brooklyn, N. Y. Ring or similar article. 100,733; Aug. 4.
- Kroop, Adolph M., Laurel, Md., assignor of forty-nine per cent to H. A. Dabson, Miami, Fla. Jockey's racing boot. 101,541; Oct. 13.
- Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Refrigerator cabinet. 98,331; Jan. 28.
- Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Beverage cooler cabinet. 101,370; Sept. 29.
- Kruck, Ralph E., Springfield, assignor to Florence Stove Company, Gardner, Mass. Space heater. 101,638; Oct. 20.
- Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Electric food mixer. 101,702; Oct. 27.
- Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Combined electric food mixer and fruit juicer. 101,703; Oct. 27.
- Kruck, Ralph E., Springfield, assignor to Florence Stove Company, Gardner, Mass. Space heater. 101,783; Nov. 3.
- Krummeck, Elsie, Brooklyn, N. Y., assignor to J. H. Lester & Co. Incorporated, New York, N. Y. Display figure or analogous article. 100,075; June 16.
- Kubler, Edwin C., Hollis, N. Y., and R. E. Friedlein, Mountain View, assignors to American Lead Pencil Company, Hoboken, N. J. Pencil. 101,124; Sept. 8.
- Kucera, Bohumil G. (See Reynolds, C., and Kucera.)
- Kuehn, Gustavus C., Detroit, Mich. Combined clock, hygrometer, and thermometer. 99,090; Mar. 24.
- Kuhn, J. Russell, Oklahoma City, Okla. Baby's bed. 102,209; Dec. 1.
- Kulick, Abraham, New York, N. Y. Handbag. 99,478; Apr. 28.
- Kurk, Alexander J., Brooklyn, and H. Hoyer, New York, assignors to The Jacobs Bros. Co. Inc., Brooklyn, N. Y. Scale. 100,566; July 28.
- Kurtz, Leonard J., Cleveland, Ohio. Liquid cleaner. 101,784; Nov. 3.
- Kutchar, Stephan, Grass Valley, Calif. Floor panel. 99,201; Apr. 7.
- Kuyper, Peter H., assignor to Rolscreen Company, Pella, Iowa. Combined Venetian blind and housing therefor. 98,260; Jan. 21.
- Kyros, James P., Lynn, Mass. Shoe. 99,353; Apr. 21.
- Lackow, Emil, Brooklyn, N. Y. Cigarette holder. 98,947; Mar. 17.
- Lackow, Emil, Brooklyn, N. Y. Cigarette holder. 99,480; Apr. 28.
- Ladd, John W. B. (See Parker, M., and Ladd.)
- La France, David J. (See Brand, A. S., and La France.)
- Lagomarsino, Juan, Montevideo, Uruguay. Clothes hanger. 102,230; Dec. 1.
- Laikind, Solomon, Detroit, Mich. Magazine chest. 99,088; Mar. 24.
- Laird, George H., West Medford, assignor to C. H. Graves & Sons Company, Boston, Mass. Bottle. 98,077; Jan. 7.
- Laird, George H., West Medford, assignor to C. H. Graves & Sons Company, Boston, Mass. Bottle. 98,078; Jan. 7.
- Laird, Schober Company. (See Kozak, Helen B., assignor.)
- Laird, Schober Company. (See Ziegler, Lewis D., 3d, assignor.)
- Laitner, A., & Sons. (See Strassheim, Louis F., assignor.)
- Lalinsky, George J., Detroit, Mich. Liquid dispensing container or the like. 101,876; Nov. 10.
- Lamb, Thomas, New York, N. Y., assignor, by mesne assignments, to Birdseye Electric Corporation, Dover, Del. Glow lamp. 102,561; Dec. 29.
- Lambert Pharmacal Company. (See Berman, Sam, assignor.)
- Lambert, Robert D., Pelham, assignor to American Radiator Company, New York, N. Y. Casing for air conditioning apparatus. 99,242; Apr. 7.
- Lambrecht, Henry W., Baltimore, Md. Apron tongue shoe. 100,867; Aug. 18.
- Lampert, Herbert H., Brooklyn, assignor to Kastar Specialty Mfg. Co., Inc., New York, N. Y. Ash receiver. 99,870; June 2.
- Lance, Constance W., Pittsburgh, Pa. Combination washing sink, tub, and wringer. 100,785; Aug. 11.
- Landaw, Oak, Nappanee, Ind. Kitchen case. 99,717; May 19.
- Landers, Bert A., Inc. (See D'Aschbach, Ray J., assignor.)
- Landers, Frary & Clark. (See Anderson, Oscar M., assignor.)
- Landgraf, Fred. (See Lewis, P. M., and Landgraf.)
- Landis, Aaron, Elizabeth, N. J. Leather fabric or similar article. 102,562; Dec. 29.



- Landry, William A., White Plains, N. Y., assignor to Deering Milliken & Co., Incorporated, Manhattan, N. Y. Textile fabric. 98,530; Feb. 11.
- Landsiedel, Walter W., Norwood, Ohio, assignor to Remington Rand Inc., New York, N. Y. Case for calculating machines. 98,123; Jan. 7.
- Lang, Lawrence F., Butler, Pa. Grave canopy. 100,567; July 28.
- Lange, Henry, assignor to Quincy Stove Manufacturing Company, Quincy, Ill. Oil burning heater. 99,129; Mar. 31.
- Lange, Henry, assignor to Quincy Stove Manufacturing Company, Quincy, Ill. Combination coal and gas range. 100,108; June 23.
- Lange, Henry, assignor to Quincy Stove Manufacturing Company, Quincy, Ill. Heating stove. 100,701; Aug. 4.
- Langendorf, Stanley S., assignor to Langendorf United Bakeries, Inc., San Francisco, Calif. Bread toast. 99,813; May 26.
- Langendorf United Bakeries, Inc. (See Langendorf, Stanley S., assignor.)
- Langos, Otto A., Chicago, Ill. Toy gun. 102,382; Dec. 15.
- Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Transit. 98,678; Feb. 25.
- Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Transit support. 98,679; Feb. 25.
- Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Transit plate. 98,680; Feb. 25.
- Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Dumpy level. 98,681; Feb. 25.
- Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Y level. 98,682; Feb. 25.
- Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Level support. 98,683; Feb. 25.
- Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Vial housing unit. 98,684; Feb. 25.
- Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Telescope. 98,685; Feb. 25.
- Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Telescope. 98,686; Feb. 25.
- Langston, Katherine G., St. Louis, Mo. Apron or similar article. 98,261; Jan. 21.
- Lanvin Parfums, Inc. (See Lanvin, Yves, assignor.)
- Lanvin, Yves, Paris, France, assignor to Lanvin Parfums, Inc., Wilmington, Del. Bottle. 98,599; Feb. 18.
- Lanz, John. (See Gilbert, A. C., and Lanz.)
- La Plant-Choate Manufacturing Company. (See Austin, Ellsworth W., assignor.)
- Lapteff, Alexis V., assignor to Briggs Manufacturing Company, Detroit, Mich. Handle adapted for a stove or similar article. 99,243; Apr. 7.
- Lapteff, Alexis V., assignor to Briggs Manufacturing Company, Detroit, Mich. Handle adapted for a cabinet or similar article. 99,244; Apr. 7.
- Lapteff, Alexis V., assignor to Briggs Manufacturing Company, Detroit, Mich. Handle adapted for a cabinet or similar article. 99,245; Apr. 7.
- Lapteff, Alexis V., assignor to Briggs Manufacturing Company, Detroit, Mich. Handle adapted for a door or similar article. 99,246; Apr. 7.
- Lapteff, Alexis V., assignor to Briggs Manufacturing Company, Detroit, Mich. Handle adapted for a drawer or similar article. 99,247; Apr. 7.
- Lapteff, Alexis V., assignor to Briggs Manufacturing Company, Detroit, Mich. Radiator ornament or similar article. 102,112; Nov. 24.
- Larsen, Alfred E., Chicago, Ill. Lighting fixture or similar article. 102,563; Dec. 29.
- Larsen, Lewis, Menominee, Mich., assignor to Heywood-Wakefield Company, Gardner, Mass. Combined chair and table. 101,639; Oct. 20.
- Larsen, Lewis, Menominee, Mich., assignor to Heywood-Wakefield Company, Gardner, Mass. Chair or similar article. 101,640; Oct. 20.
- Larsen, Lewis, Menominee, Mich., assignor to Heywood-Wakefield Company, Gardner, Mass. Chair or similar article. 101,641; Oct. 20.
- Larsen, Lewis, Menominee, Mich., assignor to Heywood-Wakefield Company, Gardner, Mass. Chair or similar article. 101,642; Oct. 20.
- Larsen, Neil P., assignor to American Coach & Body Company, Cleveland, Ohio. Vehicle body. 100,868; Aug. 18.
- Larson, Carl H., Elkhart, Ind. Electromagnetic relay or similar article. 98,949; Mar. 17.
- Larson, Carl H., Elkhart, Ind., and D. J. McCarthy, Elgin, Ill. Electromagnetic relay or similar article. 98,948; Mar. 17.
- Larson, Frank E. A., Washington, D. C. Table utensil rest. 102,564; Dec. 29.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Handle for a casket or analogous article. 98,807; Mar. 3.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Ornamental plate for a casket or analogous article. 99,289; Apr. 14.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Corner ornament for a casket or analogous article. 99,603; May 12.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Handle for a casket or analogous article. 99,947; June 9.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Corner ornament for a casket or analogous article. 101,230; Sept. 15.
- Larson, Raymond, Chicago, Ill. Casket or analogous article. 101,643; Oct. 20.
- Larson, Swan E., assignor to Geo. D. Roper Corporation, Rockford, Ill. Water system pump unit. 101,992; Nov. 17.
- Lasch, Albert, Stuttgart Bad-Cannstatt, and K. Frei, Ober-Esslingen, Germany, assignors to Baker Perkins Company, Inc., Saginaw, Mich. Mixing trough for plastic material or the like. 98,808; Mar. 3.
- Lasky, Charles A., Leonia, N. J., assignor to Celanese Corporation of America. Textile fabric. 100,568; July 28.
- Lassen, Alma M., New York, N. Y. Set of game pieces. 99,329; Apr. 14.
- La Trel, James K., Los Angeles, Calif. Box or similar container. 98,950; Mar. 17.
- Latta, Lynn H., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 101,877; Nov. 10.
- Latner, Emert J., Cedar Rapids, Iowa. Oil burner. 99,354; Apr. 21.
- Latner, Emert J., Cedar Rapids, Iowa. Oil burner. 99,355; Apr. 21.
- Latner, Emert J., Cedar Rapids, Iowa. Pump unit for oil burners. 101,993; Nov. 17.
- Latner, Emert J., Cedar Rapids, Iowa. Pump unit for oil burners. 101,994; Nov. 17.
- Latner, Emert J., Cedar Rapids, Iowa. Oil burner. 102,059; Nov. 24.
- Lauber, Olley C., Archbold, Ohio. Toilet flush tank. 99,439; Apr. 28.
- Laufman, Benjamin, Newark, N. J. Traveling bag. 99,814; May 26.
- Laurie, William S., Flushing, N. Y. Buckle. 99,511; May 5.
- Laurie, William S., Flushing, N. Y. Shoe. 102,188; Dec. 1.
- Laurie, William S., Flushing, N. Y. Shoe. 102,189; Dec. 1.
- Lauter Humana Company. (See Cameron, Charles E., Jr., assignor.)
- Lavoie, Armand, Hartford, Conn. Lamp base. 101,480; Oct. 6.
- Lawrence, Alvin R., Indianapolis, Ind. Ashtray. 102,433; Dec. 22.
- Lawrence, Benjamin E., Chicago, Ill. Food mixer. 101,125; Sept. 8.
- Lawrence, Cecil H., Attleboro, Mass., assignor to Evans Case Company. Hand mirror or the like. 98,398; Jan. 28.
- Laxer, Harry M., New York, N. Y. Lamp shade. 100,667; Aug. 4.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lamp base or similar article. 99,871; June 2.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lampshade. 99,872; June 2.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lamp base or similar article. 100,031; June 16.
- Laxer, Harry M., assignor to Idealite, Inc., New York, N. Y. Lamp base or similar article. 100,170; June 23.
- Leach, Walter R., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 98,531; Feb. 11.
- Leach, Walter R., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 99,130; Mar. 31.
- Leach, Walter R., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 101,919; Nov. 10.
- Leahy, John J., Chicago, Ill. Game board. 100,956; Aug. 25.
- Leatherman, Paul C., Palm Beach, Fla. Bottle. 100,109; June 23.
- Le Bas, Inc. (See Ryle, Robert W., assignor.)
- Le Breux, Louis, assignor to The Beardsley & Wolcott Manufacturing Company, Waterbury, Conn. Upholstery nail. 101,962; Nov. 17.
- LeClercq, Raymond, Los Angeles, Calif. Battery box. 99,512; May 5.
- LeClercq, Raymond, Los Angeles, Calif. Battery box. 99,513; May 5.
- LeClercq, Raymond, Los Angeles, Calif. Battery box. 99,514; May 5.
- Le Clercq, Raymond, assignor to Western Molded Products, Inc., Los Angeles, Calif. Battery box. 101,126; Sept. 8.
- Le Clercq, Raymond, Los Angeles, Calif. Battery box. 101,995; Nov. 17.
- Lederer, S. & B., Company. (See Taylor, James W., assignor.)
- Lee, Donald A., Oakland, Calif. Luminous-arm signal. 98,600; Feb. 18.
- Lee, H. D., Mercantile Co., The. (See Kratz, Oscar E., assignor.)
- Lee, Helen, assignor to L. J. Goldberger, New York, N. Y. Panties. 98,867; Mar. 10.
- Lee, Helen, assignor to L. J. Goldberger, New York, N. Y. Panties. 98,868; Mar. 10.
- Lee, Helen, assignor to L. J. Goldberger, New York, N. Y. Panties. 98,869; Mar. 10.
- Lee, Helen, assignor to L. J. Goldberger, New York, N. Y. Panties. 98,870; Mar. 10.
- Lee, Helen, assignor to L. J. Goldberger, New York, N. Y. Panties. 98,871; Mar. 10.
- Lee, Helen, assignor to L. J. Goldberger, New York, N. Y. Panties. 98,872; Mar. 10.
- Lee, Helen, assignor to L. J. Goldberger, New York, N. Y. Panties. 101,170; Sept. 8.
- Lee, Helen, assignor to L. J. Goldberger, New York, N. Y. Panties. 101,171; Sept. 8.



- Lee, James M., Newton Grove, N. C. Signal device. 101,499; Oct. 6.
- Lee Rubber & Tire Corporation. (See Nellen, A. H., & Leopold, assignors.)
- Leeber, Nicholas, assignor to The F. A. Ritter Co., Detroit, Mich. Elastic fabric. 102,210; Dec. 1.
- Le Fevre, Bernard J., Green Bay, Wis. Traffic safety sign. 99,034; Mar. 24.
- Leff, Michael, Buffalo, N. Y. Coaster. 98,262; Jan. 21.
- Lehman Brothers Silverware Corporation. (See Kornblum, Sam, assignor.)
- Lehman, Harry, Brooklyn, N. Y. Combined beverage container and serving tray. 101,542; Oct. 13.
- Lehman, James W., Baltimore, Md., assignor to The Coca-Cola Company, Atlanta, Ga. Base for a beverage dispensing device. 101,644; Oct. 20.
- Lehmann, Adolph, New York, N. Y. Embroidered fabric. 101,254; Sept. 15.
- Lehmann, Adolph, New York, N. Y. Embroidered fabric. 101,310; Sept. 22.
- Lehmann, Charles A., Cedar Rapids, Iowa. Radio antenna. 98,652; Feb. 18.
- Leiber, Allen G., St. Louis County, Mo. Smoker's ashtray, or similar article. 98,873; Mar. 10.
- Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York N. Y. Plate or similar article. 100,326; July 7.
- Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York N. Y. Plate or similar article. 100,327; July 7.
- Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York N. Y. Plate or similar article. 100,328; July 7.
- Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York N. Y. Plate or similar article. 100,329; July 7.
- Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York N. Y. Plate or similar article. 100,330; July 7.
- Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York N. Y. Plate or similar article. 100,331; July 7.
- Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York N. Y. Plate or similar article. 100,332; July 7.
- Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 101,588; Oct. 13.
- Leisen, Frederic A., assignor to Detroit Electric Furnace Company, Detroit, Mich. Electric heater or similar article. 99,131; Mar. 31.
- Leiterman, Julius, New York, N. Y. Suit. 98,263; Jan. 21.
- Leiterman, Julius, New York, N. Y. Coat. 98,264; Jan. 21.
- Leiterman, Julius, New York, N. Y. Coat. 98,809; Mar. 3.
- Leiterman, Julius, New York, N. Y. Coat. 99,335; Apr. 14.
- Leiterman, Julius, New York, N. Y. Coat. 99,815; May 26.
- Lelong, Lucien, Inc. (See Considine, Ralph J., assignor.)
- Lelong, Lucien, Inc. (See Dolan, Burtis J., assignor.)
- Lelong, Lucien, Inc. (See Dunn, Charles A., assignor.)
- Lelong, Lucien, Inc. (See Stein, Joseph S., assignor.)
- Lema, Jesus F., Auburn, Maine. Shoe. 99,091; Mar. 24.
- Le Marr, Moad H., Los Angeles, Calif. Link for watch bracelets, or the like. 101,371; Sept. 29.
- Lemm, Bonnie E., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 100,904; Aug. 18.
- Lending, Isidore, New Bedford, Mass., assignor to Sol Mutterperl, Incorporated, New York, N. Y. Hand bag. 98,171; Jan. 14.
- Lengsfeld, Byron Hassberg, New Orleans, La. Carton. 100,110; June 23.
- Lentheric, Incorporated. (See Durand, René, assignor.)
- Lentheric, Incorporated. (See Gage, Charles S., assignor.)
- Lentheric Incorporated. (See McIntosh, Frank, assignor.)
- Leonard, Joseph E., Berkeley, assignor to Hammer-Bray Company, Ltd., Oakland, Calif. Combination range and air circulating heater. 101,083; Sept. 1.
- Leopold, Frederick, Jr. (See Nellen, A. H., & Leopold.)
- Leopold, George O. (See Fegley, T. J., and Leopold.)
- Leppke, Louis A., Omaha, Nebr. Drinking-vessel. 99,624; May 12.
- Leppke, Louis A., Omaha, Nebr. Drinking-vessel. 99,625; May 12.
- Leppke, Louis A., Omaha, Nebr. Drinking-vessel. 99,626; May 12.
- Leppke, Louis A., Omaha, Nebr. Drinking vessel. 100,499; July 21.
- Leppke, Louis A., Omaha, Nebr. Drinking vessel. 100,702; Aug. 4.
- Leppke, Louis A., Omaha, Neb. Bottle or similar container. 101,879; Nov. 10.
- Lescaze, William, New York, N. Y., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Pocket billiard table. 98,533; Feb. 11.
- Lescaze, William, New York, assignor to Pass & Seymour, Inc., Syracuse, N. Y. Electric fixture. 100,786; Aug. 11.
- Lester, J. H., & Co. Incorporated. (See Krummeck, Elsie, assignor.)
- Lester Piano Company. (See Miller, George L., assignor.)
- Lestl, Geno, Cleveland, Ohio. Can opener. 99,515; May 5.
- Lestl, Geno, and F. Wahl, Cleveland, Ohio. Can key. 99,976; June 9.
- Levenson, Louis, San Francisco, Calif. Pedestal lamp. 98,079; Jan. 7.
- Levi, Howard J., New York, N. Y. Vestee. 99,948; June 9.
- Levin, Abraham S., Philadelphia, Pa. Gas stove. 101,543; Oct. 13.
- Levin, David. (See Meyer, E. M., and Levin.)
- Levin, David, New York, N. Y. Buckle. 100,957; Aug. 25.
- Levin, David, New York, N. Y., assignor to Selby Shoe Co., Portsmouth, Ohio. Shoe. 101,704; Oct. 27.
- Levin, David, New York, N. Y., assignor to Selby Shoe Co., Portsmouth, Ohio. Shoe. 102,565; Dec. 29.
- Levin, David, New York, N. Y., assignor to Selby Shoe Co., Portsmouth, Ohio. Shoe. 102,566; Dec. 29.
- Levin, David, New York, N. Y., assignor to Selby Shoe Co., Portsmouth, Ohio. Shoe. 102,567; Dec. 29.
- Levin, David E., New York, N. Y., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 100,032; June 16.
- Levin-Forman Silk Corporation. (See Christen, Marcel, assignor.)
- Levine, Abraham, Elizabeth, N. J. Lock. 100,231; Sept. 15.
- Levine, Calman, New York, N. Y., assignor to Julius Kessler Distilling Co., Inc., Lawrenceburg, Ind. Bottle. 98,172; Jan. 14.
- Levine, Calman, New York, N. Y., assignor to Julius Kessler Distilling Co., Inc., Lawrenceburg, Ind. Bottle. 98,173; Jan. 14.
- Levine, Joseph, New York, N. Y. Lady's belt or similar article. 102,113; Nov. 24.
- Levine, Louis, assignor to Van Raalte Company, Inc., New York, N. Y. Glove. 99,164; Mar. 31.
- Levy, Herman C., New York, N. Y. Shoe. 101,255; Sept. 15.
- Levy, Jacques F., New York, N. Y. Bathroom hook. 99,440; Apr. 28.
- Levy, Jacques F., New York, N. Y. Bathroom bracket. 99,441; Apr. 28.
- Levy, Jacques F., New York, N. Y. Bathroom shelf bracket. 99,442; Apr. 28.
- Levy, Jacques F., New York, N. Y. Tumbler and tooth paste holder. 99,443; Apr. 28.
- Levy, Jacques F., New York, N. Y. Tooth paste and brush holder. 99,444; Apr. 28.
- Levy, Jacques F., New York, N. Y. Soap dish. 99,481; Apr. 28.
- Levy, Lester, San Francisco, Calif. Game board. 100,033; June 16.
- Lewis-American Airways, Inc. (See Lewis, P. M., and Landgraf, assignors.)
- Lewis, Dartrey, Boston, Mass., assignor to Consolidated Ashcroft Hancock Company. Valve. 99,202; Apr. 7.
- Lewis, Evelyn C., New York, N. Y. Cleansing appliance or similar article. 100,569; July 28.
- Lewis, Florence N., New York, N. Y. Dusting powder container. 98,951; Mar. 17.
- Lewis, Florence N., New York, N. Y. Metal boudoir screen. 100,703; Aug. 4.
- Lewis, Florence N., New York, N. Y. Handbag. 101,705; Oct. 27.
- Lewis, Florence N., New York, N. Y. Handbag. 101,880; Nov. 10.
- Lewis, Florence N., New York, N. Y. Handbag. 101,920; Nov. 10.
- Lewis, George S., Oak Park, assignor to Battery Patents Corporation, Chicago, Ill. Bicycle frame. 99,873; June 2.
- Lewis, Paul M., Denver, Colo. Automobile. 98,080; Jan. 7.
- Lewis, Paul M., and F. Landgraf, assignors to Lewis-American Airways, Inc., Denver, Colo. Airplane. 98,727; Feb. 25.
- Lewis, Paul M., and F. Landgraf, assignors to Lewis-American Airways, Inc., Denver, Colo. Automobile. 100,500; July 21.
- Lewis, Rosemarie, Los Angeles, Calif. Applicator. 98,874; Mar. 10.
- Lewis, Semon S., New York, N. Y. Folding floor screen. 98,532; Feb. 11.
- Lewisburg Chair and Furniture Company. (See Weber, John, assignor.)
- Lewy, Herbert E. (See Hart, L. E., and Lewy.)
- Libbey Glass Company. (See Deskey, Donald, assignor.)
- Libbey Glass Manufacturing Company, The. (See Deskey, Donald, assignor.)
- Libby, McNeill & Libby. (See Jacobs, Sol J., assignor.)
- Liberty Mirror Works. (See Colbert, William H., assignor.)
- Liberty, Normand P., Farmington, N. H. Shoe. 99,035; Mar. 24.
- Liberty, Normand P., Farmington, N. H. Shoe. 99,036; Mar. 24.
- Liberty, Normand P., Farmington, N. H. Shoe. 99,037; Mar. 24.
- Liberty, Normand P., Farmington, N. H. Shoe. 99,356; Apr. 21.
- Liberty, Normand P., Farmington, N. H. Shoe. 99,357; Apr. 21.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,332; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,333; Jan. 28.



- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,334; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,335; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,336; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,337; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,338; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,339; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,340; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,341; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,342; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,343; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,344; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,345; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,346; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,347; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,348; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,349; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,350; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,351; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,352; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,353; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,354; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,355; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,356; Jan. 28.
- Liberty, Normand P., Farmington, N. H., assignor to Morris Burtman, Boston, Mass. Shoe. 98,357; Jan. 28.
- Liberty Overall Co. (See Jacobson, Louis, assignor.)
- Libovitz, Cecil J. H., et al. (See Degory, Alfred, assignor.)
- Lieberman, Irving, New York, N. Y. Nightgown. 99,718; May 19.
- Lieberman, Irving, New York, N. Y. Nightgown. 100,429; July 14.
- Liebschutz, Joseph, Auburn, N. Y. Beverage stick. 101,785; Nov. 3.
- Lifschutz, Henry, Brooklyn, N. Y. Shoe. 102,139; Dec. 1.
- Limoges China Company, The. (See Schreckengost, Viktor, assignor.)
- Lincoln, Alden A., Fairfield, assignor to The Acme Shear Company, Bridgeport, Conn. Shear. 100,377; July 14.
- Lincoln, Edward K., Fairfield, Conn. Pocket lighter. 99,949; June 9.
- Lincoln, Edward K., Fairfield, Conn. Combined lighter, cigarette receptacle, and ashtray. 99,950; June 9.
- Lincoln, Edward K., Fairfield, Conn. Combined lighter, cigarette receptacle, and ashtray. 99,951; June 9.
- Lincoln, Edward K., Fairfield, Conn. Combined cigarette lighter and ash tray. 99,952; June 9.
- Lincoln Engineering Company. (See Fox, Alexander P., assignor.)
- Lindell, Fred, Chicago, Ill. Liquid sprayer. 102,467; Dec. 22.
- Lindenbaum, Seymour, New York, N. Y. Lace. 100,450; July 14.
- Lindenbaum, Seymour, New York, N. Y. Lace. 100,530; July 21.
- Lindquist, Lorentz J. (See Crandall, L., Davis, and Lindquist.)
- Lindquist, Robert J., Los Angeles, Calif. Cabinet for diathermy apparatus. 99,874; June 2.
- Line Material Company. (See Bick, Alexander F., assignor.)
- Linfante, Vincent, Brooklyn, N. Y. Game board. 102,032; Nov. 24.
- Link-Belt Company. (See Martin, John E., assignor.)
- Linney, George C., Kansas City, Mo. Clothes hanger guard. 101,127; Sept. 8.
- Lintern, William, Cleveland, Ohio, assignor, by mesne assignments, to Evans Products Company, Detroit, Mich. Combination vehicle ventilator and signal unit. 101,671; Oct. 20.
- Linthwaite, Owen C., South Bend, Ind. Outboard motor for boats. 101,232; Sept. 15.
- Linville, Darrell B., Ephrata, Wash. Case for a clock. 100,430; July 14.
- Lion, Oscar, New York, N. Y. Ribbon. 101,084; Sept. 1.
- Lionel Corporation, The. (See Cowen, Joshua L., assignor.)
- Lipman, Samuel, New York, N. Y. Coat. 100,076; June 16.
- Lipman, Samuel, New York, N. Y. Coat. 100,825; Aug. 11.
- Lippert, Morris, New York, N. Y. Sandal. 98,875; Mar. 10.
- Lippert, Morris, New York, N. Y. Box. 100,704; Aug. 4.
- Lira, Hugo E., Milton, Mass. Drum. 100,734; Aug. 4.
- Liska, William F., assignor to Holland Brass Works, Incorporated, Chicago, Ill. Mass card holder. 98,116; Jan. 7.
- Liska, William F., assignor to Holland Brass Works, Incorporated, Chicago, Ill. Candlestick. 98,174; Jan. 14.
- Liska, William F., assignor to Holland Brass Works, Incorporated, Chicago, Ill. Prie Dieu. 98,771; Mar. 3.
- Liska, William F., assignor to Holland Brass Works, Incorporated, Chicago, Ill. Prie Dieu. 98,772; Mar. 3.
- Liska, William F., assignor to Holland Brass Works, Incorporated, Chicago, Ill. Prie Dieu. 98,773; Mar. 3.
- Liska, William F., assignor to Holland Brass Works, Incorporated, Chicago, Ill. Candlestick. 98,876; Mar. 10.
- Liston, Earl C., Denver, Colo. Trailer tank. 99,290; Apr. 14.
- Liston, Earl C., assignor to Eaton Metal Products Co., Denver, Colo. Automobile tank. 100,921; Aug. 18.
- Liston, Earl C., assignor to Eaton Metal Products Co., Denver, Colo. Automobile tank. 102,085; Nov. 24.
- Little, Edward, Saginaw, Mich. Meat mold. 100,705; Aug. 4.
- Little, Jesse, Warwick, assignor to Davol Rubber Company, Providence, R. I. Nipple. 100,171; June 23.
- Little, John H., assignor to General Motors Corporation, Detroit, Mich. Automobile radio speaker unit. 100,216; June 30.
- Livar, Allen P., Yonkers, N. Y. Cabinet for an air conditioning unit or similar article. 102,383; Dec. 15.
- Lobdell, Benjamin N., assignor to The Lobdell-Emery Manufacturing Company, Alma, Mich. Cycle saddle. 102,281; Dec. 8.
- Lobdell-Emery Manufacturing Company, The. (See Faulhaber, Roland W., assignor.)
- Lobdell-Emery Manufacturing Company, The. (See Lobdell, Benjamin N., assignor.)
- Lobel, Helen, New York, N. Y. House coat. 98,478; Feb. 4.
- Lobel, Herman, Brooklyn, and L. Di Spalatro, New York, N. Y. Pencil sharpening device. 98,877; Mar. 10.
- Lobel, Rudolph, New York, N. Y. Watch or similar article. 98,952; Mar. 17.
- Lockart, Edward P., Jr., Muncie, Ind., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Glass building block. 101,372; Sept. 29.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Combined brush and nozzle. 98,082; Jan. 7.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner nozzle. 99,719; May 19.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner casing. 99,875; June 2.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner casing. 99,876; June 2.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Combined brush and nozzle. 100,668; Aug. 4.
- Logan, William H., Louisville, Ky. Glider. 98,458; Feb. 4.
- London House Ltd. (See O'Donoghue, Marie E., assignor.)
- Long, Harry L., and H. S. Johns, Oklahoma City, Okla. Parking meter. 99,877; June 2.
- Long, Leonard D., assignor to Southern States Oil Company, Charleston, S. C. Service station. 98,358; Jan. 28.
- Long, Leonard D., Charleston, S. C. Service station. 101,466; Oct. 6.
- Long, Sylvanus, New York, N. Y. Textile fabric or similar article. 99,489; Apr. 28.
- Long, Sylvanus, New York, N. Y. Textile fabric or similar article. 99,643; May 12.
- Longstreet, Walter H., assignor to Acme Air Appliance Company, Inc., Brooklyn, N. Y. Air line gauge. 98,399; Jan. 28.
- Lonsford, Benjamin R., Borger, Tex. Aerial. 101,128; Sept. 8.
- Lopes, Manual A. (See Johnson, G. A., and Lopes.)
- Lorenzen, Arnold I., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jug. 98,081; Jan. 7.
- Lorenzen, Arnold I., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Humidor. 99,577; May 12.
- Lorenzen, Arnold I., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 99,627; May 12.
- Lorenzen, Arnold I., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 99,644; May 12.
- Lorenzen, Arnold I., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 100,217; June 30.
- Lorman, Philip, New York, N. Y. Shoe. 100,378; July 14.
- Lorman, Philip, New York, N. Y., assignor to Bancroft-Walker Company, Waltham, Mass. Shoe. 100,379; July 14.
- Lossee, Joseph S., Hebron, Ill. Automobile heater. 99,953; June 9.
- Louchheim, Jerome H., Jr., Philadelphia, Pa. Slipper. 100,474; July 21.
- Louisville Textiles, Incorporated. (See Dick, Arthur H., assignor.)
- Lounsberry, Harvey J., Glen Ellyn, assignor to W. H. Miner, Inc., Chicago, Ill. Hand wheel for hand brakes of railway cars. 99,092; Mar. 24.



- Love, Albert G., Taft, Calif. Trailer signal sign. 98,774; Mar. 3.
- Love, Lee C., and Parke F. Jones, assignors to The Ebco Manufacturing Co., Columbus, Ohio. Cabinet sink. 102,060; Nov. 24.
- Love, Lee C., and Parke F. Jones, assignors to The Ebco Manufacturing Co., Columbus, Ohio. Cabinet sink. 102,086; Nov. 24.
- Lowe, Joe, Corporation. (See Cariffe, Joseph V., assignor.)
- Lowe, Joe, Corporation. (See Cowling, Richard J., assignor.)
- Lowe, Joe, Corporation. (See Thomas, Norman M., assignor.)
- Lowenfels, Albert, White Plains, N. Y. Butter dish. 99,516; May 5.
- Lowenfels, Albert, White Plains, N. Y. Butter dish. 100,570; July 28.
- Lowney, Daniel J., assignor to O. T. Deutz, Providence, R. I. Key holder. 100,571; July 28.
- Lozon, Carl F., Massillon, Ohio. Combined carbonating and dispensing receptacle for liquids. 101,786; Nov. 3.
- Ludwig, Edgar V., assignor to American Radiator Company, New York, N. Y. Casing for air conditioning apparatus. 99,291; Apr. 14.
- Ludwig, Louis, New York, N. Y. Shoe. 101,256; Sept. 15.
- Luff, Alma C., Independence, Mo. Fishing rod holder. 100,600; July 28.
- Luff, Michael, assignor to Mohawk Liqueur Corporation, Detroit, Mich. Bottle. 100,077; June 16.
- Lumblau, Walter J., Los Angeles, Calif. Motion picture film viewing machine. 98,534; Feb. 11.
- Lumblau, Walter J., Los Angeles, Calif. Motion picture film viewing machine. 98,535; Feb. 11.
- Luffy, Julia, New York, N. Y. Negligee. 100,431; July 14.
- Lux, Eugene, New York, N. Y., assignor to The Gruen Watch Company, Cincinnati, Ohio. Watch box. 101,129; Sept. 8.
- Lux, Eugene J., New York, N. Y. Watch container. 100,869; Aug. 18.
- Lyell, Claude, Old Hickory, Tenn. Game board. 101,500; Oct. 6.
- Lynch, David W., Lancaster, Pa. Nursery rocking chair or similar article. 99,578; May 12.
- Lynch, John W., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Tray. 100,274; July 7.
- Lynn, John P., assignor of one-half to C. Merryman, Chicago, Ill. Mechanical pencil. 98,265; Jan. 21.
- Lynn, John P., Chicago, assignor to Melrose Products Co. Inc., Melrose Park, Ill. Pencil. 100,380; July 14.
- Lynn, John P., Chicago, Ill., assignor to Dur-O-Lite Pencil Company, Melrose Park, Ill. Pencil clip or similar article. 101,130; Sept. 8.
- Lyon, George A., Detroit, Mich. Wheel disk or similar article. 101,004; Aug. 25.
- Lyon, George A., Detroit, Mich. Wheel or similar article. 101,742; Oct. 27.
- Lyon, George A., assignor to Lyon Incorporated, Detroit, Mich. Cover for spare wheels and tires of automotive vehicles, or similar article. 102,211; Dec. 1.
- Lyon Incorporated. (See Lyon, George A., assignor.)
- Lyons-Magnus, Inc. (See Steinbliss, Carl H., assignor.)
- MacCowan, Hervey L., Chicago, Ill., assignor to The Dole Valve Company, Chicago, Ill. Air valve. 102,190; Dec. 1.
- Mackelfresh, William E., Jr., Chicago, Ill., assignor to Ball Brothers Company, Muncie, Ind. Glass bottle. 99,750; May 19.
- Mackelfresh, William E., Jr., Chicago, Ill., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Candelabrum. 100,870; Aug. 18.
- Mackelfresh, William E., Jr., Chicago, Ill., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Ashtray. 101,131; Sept. 8.
- Mackelfresh, William E., Jr., Chicago, Ill., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Ashtray. 102,087; Nov. 24.
- Mackelfresh, William E., Jr., Chicago, Ill., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Pitcher. 102,088; Nov. 24.
- Mackey, Wallace B., Upper Montclair, N. J. Shoe or similar article. 101,963; Nov. 17.
- MacKusick, William P., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Tire. 100,172; June 23.
- Maclean, Robert S., Michigan City, Ind., assignor to Mastic Asphalt Corporation. Building siding. 99,132; Mar. 31.
- Maclean, Robert S., assignor to Mastic Asphalt Corporation, South Bend, Ind. Building siding. 101,921; Nov. 10.
- Maclear, Lucille J., assignor to Van Raalte Company, Inc., New York, N. Y. Glove. 99,165; Mar. 31.
- Maclear, Lucille J., assignor to Van Raalte Company, Inc., New York, N. Y. Glove. 99,166; Mar. 31.
- MacMillin, Howard F., Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Self-contained hydraulic press. 100,432; July 14.
- Macon, Arthur E., and W. J. Weir, Scarsdale, N. Y., assignors to Container Corporation of America, Chicago, Ill. Carton. 99,645; May 12.
- Macy, R. H., Co. (See Moser-Benedikt, Berthold, assignor.)
- Madler, Roman, Belleville, N. J. Combined smoking set and ash receptacle. 99,816; May 26.
- Magee, Carl C., assignor to Dual Parking Meter Company, Oklahoma City, Okla. Parking meter device. 98,810; Mar. 3.
- Magis Screen Inc. (See Rossman, Earl, assignor.)
- Magnuson, Roy M., assignor to Food Machinery Corporation, San Jose, Calif. Spray rig body. 101,373; Sept. 29.
- Magnuson, Roy M., assignor to Food Machinery Corporation, San Jose, Calif. Spray rig body. 101,374; Sept. 29.
- Magnuson, Roy M., assignor to Food Machinery Corporation, San Jose, Calif. Spray rig body. 101,375; Sept. 29.
- Magnuson, Roy M., assignor to Food Machinery Corporation, San Jose, Calif. Spray rig body. 101,376; Sept. 29.
- Maharam, Joseph, New York, N. Y. Textile fabric. 100,275; July 7.
- Maier, Elizabeth M., New York, N. Y., assignor to Propyl-lactic Brush Company, Northampton, Mass. Hand brush. 98,536; Feb. 11.
- Maiden Form Brassiere Company. (See Rosenthal, William, assignor.)
- Maiden Form Brassiere Company. (See Sachs, Charles M., assignor.)
- Maison Joubert, Inc. (See Brewer, Harold P., assignor.)
- Majewski, Joseph M., Jr., Kansas City, assignor to F. L. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Fruit juice extractor. 101,005; Aug. 25.
- Majewski, Joseph M., Jr., assignor to F. L. Talge, Kansas City, Mo., doing business as Rival Manufacturing Company. Fruit juice extractor. 101,467; Oct. 6.
- Majewski, Joseph M., Jr., assignor to F. L. Talge, Kansas City, Mo., doing business as Rival Manufacturing Company. Fruit juice extractor head. 101,544; Oct. 13.
- Malleable Iron Range Company. (See Burrow, Herbert T., assignor.)
- Mallory Hat Company, The. (See Reynolds, Ralph K., assignor.)
- Malouf, William B., Los Angeles, Calif. Undergarment. 99,203; Apr. 7.
- Manchester, Luther L., Fort Worth, Tex. Sign. 99,038; Mar. 24.
- Manenty, Max, Niagara Falls, N. Y. Combined floral stand and pot. 102,332; Dec. 15.
- Mange, Harold, St. Louis, Mo. Child's stocking. 99,579; May 12.
- Mankki, Onnie, Cleveland Heights, Ohio, assignor to The Cleveland Welding Company, Cleveland, Ohio. Bicycle. 100,958; Aug. 25.
- Mankki, Onnie, Cleveland Heights, assignor to The Champion Hardware Company, Geneva, Ohio. Hinge for screen doors or the like. 102,434; Dec. 22.
- Mann, Leo, Providence, R. I. Bottle. 98,601; Feb. 18.
- Mann, Leo, Providence, R. I. Bottle. 102,033; Nov. 24.
- Mannerberg, Edward G. (See Githens, O. W., Norden, and Mannerberg.)
- Manning, Bowman & Co. (See Ackerman, Arban J., assignor.)
- Manning, Daniel T., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Buckle. 99,204; Apr. 7.
- Manning, Daniel T., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Buckle. 99,205; Apr. 7.
- Manning, Daniel T., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt for personal wear. 99,517; May 5.
- Manning, Daniel T., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt for personal wear. 99,954; June 9.
- Manning, Fowler, Bronxville, assignor to American Radiator Company, New York, N. Y. Humidifier casing. 98,175; Jan. 14.
- Manning, Fowler, Bronxville, assignor to American Radiator Company, New York, N. Y. Humidifier casing. 98,176; Jan. 14.
- Manoha, Jacques, assignor to Houbigant, Inc., New York, N. Y. Shaving bowl. 98,266; Jan. 21.
- Mansure, E. L., Co. (See Menewisch, William F., assignor.)
- Mantle Lamp Company of America, The. (See Camenisch, Edward T., assignor.)
- Mantle Lamp Company of America, The. (See Engh, Walter B., assignor.)
- Manville, Charles J., Pontiac, Mich. Gas projecting apparatus. 98,775; Mar. 3.
- Manville, Charles J., Pontiac, Mich. Gas gun. 100,350; July 7.
- Marathon Company. (See Ball, Charles W., assignor.)
- Marathon Company. (See Whittaker, Frederick A., assignor.)
- Marathon Electric Manufacturing Corporation. (See Wall, James J., assignor.)
- Marathon Paper Mills Company. (See Hoffmaster, Byron T., assignor.)
- Marathon Paper Mills Company. (See Jepson, Tinsley T., assignor.)
- Marathon Paper Mills Company. (See Rike, Wilbert A., assignor.)
- Marchfield, Rudolph L., Chicago, Ill. Vegetable slicing machine. 102,385; Dec. 15.
- Marcus, Benjamin, Bronx, N. Y. Finger ring. 101,481; Oct. 6.



- Marcus, Benjamin H., New York, N. Y., and B. Strikowsky, Brooklyn, N. Y. Finger ring or similar article. 98,177; Jan. 14.
- Marcus, Lewis A., New York, N. Y. Handle. 100,871; Aug. 18.
- Marcus, Martha T. (See Shulman, Pauline W., assignor.)
- Marder, Edward, Brooklyn, N. Y. Hand mirror. 100,475; July 21.
- Marder, Edward, Brooklyn, N. Y. Hand mirror. 100,531; July 21.
- Marder, Edward, Brooklyn, N. Y. Handle. 100,872; Aug. 18.
- Marder, Edward, Brooklyn, N. Y. Hand mirror. 101,085; Sept. 1.
- Marder, Edward, Brooklyn, N. Y. Hand mirror. 101,172; Sept. 8.
- Marder, Edward, Brooklyn, N. Y. Hand mirror. 101,377; Sept. 29.
- Margolin, Meyer, Elgin, Ill. Shoe. 98,953; Mar. 17.
- Marholz, Richard C., assignor to Belmont Radio Corporation, Chicago, Ill. Escutcheon plate for a radio receiver. 99,628; May 12.
- Marienthal, Paul, Detroit, Mich. Automobile hood ridge ornament. 99,878; June 2.
- Mark, Chester, Chicago, Ill. Bottle. 101,049; Sept. 1.
- Markel, Jules O., Santa Ana, Calif. Lapel emblem or similar article. 99,292; Apr. 14.
- Markowitz, Abe, assignor to Franklin Simon & Co. Inc., New York, N. Y. Dress. 98,728; Feb. 25.
- Markowitz, Abe, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. 99,039; Mar. 24.
- Marks, Henry A., assignor to Kolmar, Inc., Cincinnati, Ohio. Bottle. 102,282; Dec. 8.
- Marr, Richard H., assignor to Detroit Show Case Company, Detroit, Mich. Show case or similar article. 98,267; Jan. 21.
- Marrow, J. W. Manufacturing Company. (See Marrow, Jerome W., assignor.)
- Marrow, Jerome W., assignor to J. W. Marrow Manufacturing Company, Chicago, Ill. Bottle. 102,283; Dec. 8.
- Marschall, Ludwig, Brooklyn, N. Y. Measuring receptacle. 99,405; Apr. 21.
- Marsh, Ian D., Belleville, Ill. Rail bender. 101,282; Sept. 22.
- Marshall, Edith E., Port Huron, Mich. Combination coat and hood garment. 100,826; Aug. 11.
- Marshall Field & Company. (See Hale, Lawrence N., assignor.)
- Marshall Field & Co., Inc. (See Blayney, Wilson L., assignor.)
- Marshall, Isabel, Ridgefield, Conn. Andiron. 102,191; Dec. 1.
- Marshall, James F., Auburn, N. Y. Woman's shoe. 100,959; Aug. 25.
- Marshall, Robert N., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone transmitter. 101,816; Nov. 3.
- Marshall, Walter C. (See Bodine, W. M., and Marshall, assignors.)
- Martin, Jacob F., Bellevue, Ohio. License tag trim member. 101,817; Nov. 3.
- Martin, James, New York, N. Y. Tire. 100,572; July 28.
- Martin, John E., La Grange, assignor to Link-Belt Company, Chicago, Ill. Stoker housing. 99,817; May 26.
- Martin, José, assignor to J. Oltarsh, New York, N. Y. Textile fabric. 100,433; July 14.
- Martin, Raymond H., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 98,439; Feb. 4.
- Martin, Raymond H., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 98,440; Feb. 4.
- Martin, Raymond H., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 98,441; Feb. 4.
- Martin, Raymond H., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 98,442; Feb. 4.
- Martin, Raymond H., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 100,218; June 30.
- Martin, Raymond H., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 101,964; Nov. 17.
- Martin, Raymond H., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 101,965; Nov. 17.
- Martin, Raymond H., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 102,568; Dec. 29.
- Martin, Wendell L., Cleveland, Ohio. Hair drier. 101,468; Oct. 6.
- Martin, William, Los Angeles, Calif., assignor to Rilling-Arnao Company, Minneapolis, Minn. Standard for permanent wave apparatus. 100,706; Aug. 4.
- Marvel Appliance Corporation. (See Newar, Abraham, assignor.)
- Marx, Louis, New York, N. Y. Toy machine gun. 99,818; May 26.
- Marx, Louis, & Company. (See Bonnett, John, assignor.)
- Maryland Distillery, Inc. (See Fleischmann, Edwin M., assignor.)
- Mas, George N., Lynchburg, Va. Bottle. 102,569; Dec. 29.
- Mascali, Joseph, New York, N. Y. Shoe. 98,537; Feb. 11.
- Mascali, Joseph, New York, N. Y. Shoe. 101,545; Oct. 13.
- Masin, Joseph. (See Richheimer, I. D., and Masin.)
- Mason, Mary L., Durham, N. C. Candlestick. 99,293; Apr. 14.
- Massa, Ralph, New York, N. Y. Brooch pin or similar article. 102,384; Dec. 15.
- Massa, Ralph, New York, N. Y. Brooch or similar article. 102,435; Dec. 22.
- Massa, Ralph, New York, N. Y. Brooch pin or similar article. 102,436; Dec. 22.
- Masse, Sidney M., Cleveland, Ohio. Pen stand. 102,231; Dec. 1.
- Masse, Sidney M., Cleveland, Ohio. Pen stand. 102,232; Dec. 1.
- Master Metal Products, Inc. (See Pearson, Charles L., assignor.)
- Masterson, Howard, Burbank, Calif. Parking meter. 100,276; July 7.
- Mastic Asphalt Corporation. (See Maclean, Robert S., assignor.)
- Matousek, Edward, Berwyn, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Signal chime. 102,168; Dec. 1.
- Mattick, Ralph, assignor to General Metal Products Company, St. Louis, Mo. Bottle cooler. 99,133; Mar. 31.
- Mattiucci, Nazzareno, Worcester, Mass. Artificial illuminated Christmas tree. 100,735; Aug. 4.
- Maurer, Clarence D., assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 98,479; Feb. 4.
- Maurer, Clarence D., assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 98,480; Feb. 4.
- Maurer, Clarence D., assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 98,481; Feb. 4.
- Maurer, Clarence D., assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 98,482; Feb. 4.
- Maurer, Clarence D., assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 98,483; Feb. 4.
- Maurer, Clarence D., assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 98,729; Feb. 28.
- Mausolf, George A., Waterbury, Conn. Soap bubble pipe. 98,687; Feb. 25.
- May, Robert A. (See Duncan, J. E., 3d, and May.)
- May, Walter H., Pelham Manor, N. Y. Hot water bottle cover. 99,445; Apr. 28.
- Mayehoff, Deimar M., Norwalk, Conn. Dress. 98,538; Feb. 11.
- Mayer, Gustav, Schwaebisch, Gmuend, Germany, assignor to R. Mayer and M. Mayer, Marblehead, Mass. Ski-boot. 102,034; Nov. 24.
- Mayer Manufacturing Corporation. (See Mayer, Theodore S., assignor.)
- Mayer, Max, et al. (See Mayer, Gustav, assignor.)
- Mayer, Richard, New Rochelle, N. Y. Automobile instrument panel. 100,173; June 23.
- Mayer, Rudolf, et al. (See Mayer, Gustav, assignor.)
- Mayer, Theodore S., assignor to Mayer Manufacturing Corporation, Chicago, Ill. Calendar stand. 101,233; Sept. 15.
- Mayer, Viola, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. 98,904; Mar. 10.
- Mayer, William H., Jr., New York, N. Y., assignor to Commonwealth Textile Corp. Textile fabric or similar article. 101,086; Sept. 1.
- Mayerhofer, Thomas, assignor to F. H. Noble & Co., Chicago, Ill. Base for displaying statuettes or other ornamental articles. 101,378; Sept. 29.
- Maynes, Hyla F., North Tonawanda, N. Y. Fishing reel. 101,283; Sept. 22.
- Maytag Company, The. (See Depue, Clark A., assignor.)
- McAuliffe, Leo C., Brooklyn, assignor to L. Mundet & Son, Inc., New York, N. Y. Closure cap. 98,602; Feb. 18.
- McBride, James D. W. (See Johnson, E. A., and McBride.)
- McBroom, Clyde V., assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Electric horn. 99,040; Mar. 24.
- McCabe, John J., Euclid, Ohio. Washing machine tub. 100,573; July 28.
- McCandlish, Edward, Ypsilanti, Mich. Toy. 99,604; May 12.
- McCandlish, Edward, Ypsilanti, Mich. Toy. 99,720; May 19.
- McCarter, Ruth J., and W. H., Hanover, N. H. Infant's sleeping bag or similar article. 98,603; Feb. 18.
- McCarter, William H. (See McCarter, Ruth J., and W. H.)
- McCarthy, Charles S., Toledo, Ohio. Cream dipper. 99,167; Mar. 31.
- McCarthy, Daniel J. (See Larson, C. H., and McCarthy.)
- McCartney, Will C., Cambridge, Ohio. Goblet or similar article. 98,539; Feb. 11.
- McCartney, Will C., Cambridge, Ohio. Flower holder or similar article. 101,234; Sept. 15.
- McClellan, Fred C., Chicago, Ill. Target practicing device. 102,061; Nov. 24.
- McCloud, Edward H. (See Pixley, M. A., and McCloud.)
- McClure, Paul J., Gloversville, N. Y. Spat. 99,879; June 2.
- McCorkle, Louis G., Margate, N. J. Walking stick. 98,083; Jan. 7.
- McCormick, Fred W., Grand Rapids, Mich. Drawer handle. 100,034; June 16.
- McCormick, Fred W., and F. C. Ruppel, Grand Rapids, Mich.; said Ruppel assignor to said McCormick. Drawer pull. 100,111; June 23.
- McCowan, David A., Toronto, Ontario, Canada. Combination display stand and dispensing cabinet for gummed tape, string, and elastic bands. 98,268; Jan. 21.
- McCoy, James J., New York, N. Y. Combined telephone chronometer and recording desk pad stand. 102,468; Dec. 22.



- McCoy, James J., New York, N. Y. Telephone switch-board chronometer stand. 102,469; Dec. 22.
- McCoy, Luther E., Portland, Oreg. Display case. 102,284; Dec. 8.
- McCracken, Mark, deceased, late of Portland, by R. E. McCracken, executrix, Portland, Oreg. Air relief valve. 100,707; Aug. 4.
- McCracken, Ruth E., executrix. (See McCracken, Mark.)
- McCray Refrigerator Company. (See Hopkins, George J., assignor.)
- McCulloch, Frankie L., Branson, Mo. Doll. 98,731; Feb. 25.
- McCullough, Edward J., New York, N. Y., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 98,730; Feb. 25.
- McCullough, Howard, Detroit, Mich., assignor to Wendell & Company, Chicago, Ill. Medal. 98,269; Jan. 21.
- McDanal, Michael R., Denver, Colo. Pair of spectacles. 99,447; Apr. 28.
- McDaniel, James S., and C. J. Klein, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 100,960; Aug. 25.
- McDonald, Duncan, Birmingham, Ala. Roller skate. 99,955; June 9.
- McDougal, Clair, Saginaw, Mich. Font of display letters and figures. 99,721; May 19.
- McDowall, James D., Oak Park, Ill. Woven fabric. 98,811; Mar. 3.
- McDowall, James D., Oak Park, Ill. Woven fabric. 98,812; Mar. 3.
- McElvain, Alonzo J. (See Kramer, J. M., Gadberry, and McElvain.)
- McGee, Joseph, New York, N. Y., assignor to Bancroft Walker Co., Waltham, Mass. Shoe. 98,359; Jan. 28.
- McGee, Joseph, New York, N. Y., assignor to Bancroft-Walker Co., Waltham, Mass. Shoe. 98,443; Feb. 4.
- McGee, Joseph, New York, N. Y., assignor to Bancroft-Walker Company, Waltham, Mass. Shoe. 100,277; July 7.
- McGrew, William R., Oakland, Calif. Motor driven brush. 100,601; July 28.
- McIntosh, Frank, assignor to Lenthieric Incorporated, New York, N. Y. Bottle. 98,270; Jan. 21.
- McIntosh, Frank, assignor to Lenthieric Incorporated, New York, N. Y. Box. 98,271; Jan. 21.
- McIntosh, Frank, assignor to Lenthieric Incorporated, New York, N. Y. Tube or similar container. 99,294; Apr. 14.
- McIntosh, Frank, assignor to Lenthieric Incorporated, New York, N. Y. Decorative paper or the like. 99,406; Apr. 21.
- McIntosh, Frank, assignor to Lenthieric Incorporated, New York, N. Y. Bottle. 100,112; June 23.
- McIntosh, Frank, assignor to Lenthieric Incorporated, New York, N. Y. Bottle. 100,434; July 14.
- McIntosh, Frank, assignor to Lenthieric Incorporated, New York, N. Y. Bottle. 100,435; July 14.
- McIntosh, Frank, assignor to Lenthieric Incorporated, New York, N. Y. Combined bottle and holder therefor. 100,574; July 28.
- McIntosh, Frank, assignor to Lenthieric Incorporated, New York, N. Y. Box. 100,736; Aug. 4.
- McIntosh, Frank, assignor to Lenthieric Incorporated, New York, N. Y. Container hood. 101,235; Sept. 15.
- McKane, Hugh J., Kingston, Pa. Foot stool. 101,881; Nov. 10.
- McKay Company, The. (See Bevelacqua, Salvatore, assignor.)
- McKay Company, The. (See Hardy, William G., assignor.)
- McKay, Patience M., Oakland, Calif. Pincushion. 102,486; Dec. 22.
- McKee Glass Company. (See Smith, Donald M., assignor.)
- McKee Glass Company. (See Smith, Maurice A., assignor.)
- McKee, John D., Chicago, Ill., assignor to The Pope-Gosser China Co., Coshocton, Ohio. Goblet or similar article. 101,379; Sept. 29.
- McKee, John D., Chicago, Ill., assignor to The Pope-Gosser China Co., Coshocton, Ohio. Plate or similar article. 101,380; Sept. 29.
- McKie, Joseph H., Los Angeles, Calif. Combined coffee urn and housing therefor. 101,006; Aug. 25.
- McKim, Horton A. (See Bessonett, L. S., McKim, and Selje.)
- McLaughlin, Frank, Chicago, Ill., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 98,178; Jan. 14.
- McLaughlin, Frank, Chicago, Ill., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 99,819; May 26.
- McLaughlin, Frank, Chicago, Ill., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 99,880; June 2.
- McLaughlin, Frank, Chicago, Ill., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 100,708; Aug. 4.
- McLaughlin, Frank, Chicago, Ill., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Cream jar. 101,878; Nov. 10.
- McManus, Charles E., Spring Lake, N. J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Metal bottle. 98,444; Feb. 4.
- McManus, Charles E., Spring Lake, N. J., assignor to Crown Cork & Seal Company, Baltimore, Md. Metal bottle. 98,445; Feb. 4.
- McManus, Charles E., Spring Lake, N. J., assignor to Crown Cork & Seal Company, Baltimore, Md. Metal beer can. 99,407; Apr. 21.
- McManus, Charles E., Spring Lake, N. J., and G. Goebel, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Metal bottle. 99,093; Mar. 24.
- McNally, Joseph F., Brooklyn, N. Y. Cockade. 101,546; Oct. 13.
- McNeel, William A., Hershey, Nebr. Pouring lid. 102,570; Dec. 29.
- McQueary, Lela O., and M. Watts, Granby, Colo. Toy or similar article. 100,922; Aug. 18.
- McQuillen, Roy M., East Rochester, N. H. Shoe. 100,174; June 23.
- McQuillen, Roy M., East Rochester, N. H. Shoe. 100,175; June 23.
- Mead Johnson & Company. (See Windbiel, Joseph C., assignor.)
- Meakin, Edgar T., San Francisco, Calif. Pellet. 100,381; July 14.
- Mechanical Handling Systems, Inc. (See Francis, Lynn M., assignor.)
- Medville, Albert B. (See Kirsch, B., and Medville.)
- Meeker, Corry T., Joplin, Mo. Billfold. 99,360; Apr. 21.
- Meeker, Corry T., Joplin, Mo. Billfold. 101,996; Nov. 17.
- Mehl, Jonah, assignor to Floray Products Inc., Cincinnati, Ohio. Confection or similar article. 98,776; Mar. 3.
- Mehlman, Joseph, Los Angeles, Calif. Transportation ticket blank. 101,645; Oct. 20.
- Meister, Sam H., New York, N. Y. Alphabet for forming monograms. 99,446; Apr. 28.
- Meister, Sam H., New York, N. Y. Alphabet for forming monograms. 100,352; July 7.
- Melamed, Isidor, assignor to Newmarket Hat Company, Inc., New York, N. Y. Lady's hat. 101,501; Oct. 6.
- Melamed, Isidor, assignor to Newmarket Hat Company, Inc., New York, N. Y. Lady's hat. 102,386; Dec. 15.
- Melind, Louis, Chicago, Ill. Hand stamp. 101,469; Oct. 6.
- Melind, Louis, Chicago, Ill. Hand stamp. 101,470; Oct. 6.
- Melind, Louis, Chicago, Ill. Hand stamp. 101,471; Oct. 6.
- Mell, Alfred L., assignor to Stewart-Warner Corporation, Chicago, Ill. Automobile heater. 102,470; Dec. 22.
- Mellen, Mabel L., executrix. (See Mellen, Mortimer H.)
- Mellen, Mortimer H., Mabel L. Mellen, executrix of said M. H. Mellen, deceased, Cliftondale, Mass. Light indicator for headlights. 99,408; Apr. 21.
- Melrose Products Co. Inc. (See Lynn, John P., assignor.)
- Meltzer, Leo A., Seattle, Wash. Combined telephone base and pad holder. 98,732; Feb. 25.
- Melville, Joseph, New York, N. Y. Shirt. 100,737; Aug. 4.
- Melville, Joseph, New York, N. Y. Shirt. 101,381; Sept. 29.
- Melville, Joseph, New York, N. Y. Shirt. 101,318; Nov. 3.
- Mendelsohn, Herman T., New York, N. Y. Alphabet. 101,382; Sept. 29.
- Mendelsohn, Louis H., Paterson, N. J. Hosiery. 102,487; Dec. 22.
- Meneley, Fred L., La Crescenta, Calif. Waterproof fabric. 100,436; July 14.
- Meneley, Fred L., La Crescenta, Calif. Waterproof fabric. 100,437; July 14.
- Menewisch, William F., Philadelphia, Pa., assignor to E. L. Mansure Co., Chicago, Ill. Textile fabric. 101,311; Sept. 22.
- Menge, Clarence H., assignor to The Murray Corporation of America, Detroit, Mich. Sink. 102,437; Dec. 22.
- Menger, Edward W., San Antonio, Tex. Mantel ornament. 101,383; Sept. 29.
- Mengle, Glen A., assignor to Brockway Glass Company, Inc., Brockway, Pa. Bottle. 101,132; Sept. 8.
- Mengle, Glen A., and G. O. Noblit, assignors to Brockway Glass Company, Inc., Brockway, Pa. Bottle cap. 100,438; July 14.
- Menton, Estok, Detroit, Mich. Trailer or similar article. 101,384; Sept. 29.
- Mentrup, Carl, Brooklyn, N. Y. Rug. 102,488; Dec. 22.
- Mergott, J. E., Company, The. (See Hiering, William C., assignor.)
- Merrill, Walter A., Los Angeles, Calif. Game device. 98,653; Feb. 18.
- Merryman, Carl. (See Lynn, John P., assignor.)
- Mesinger, Frederick, Mount Vernon, N. Y. Bicycle saddle. 101,787; Nov. 3.
- Messing Bakeries Incorporated. (See Messing, Morris, assignor.)
- Messing, Morris, New York, assignor to Messing Bakeries Incorporated, Brooklyn, N. Y. Carton. 100,035; June 16.
- Metalfield Incorporated. (See Sundin, Theodore, assignor.)
- Metcalf, Kenneth M., Los Angeles, Calif., assignor to Harry A. Ungar, Inc. Piano bar. 100,278; July 7.
- Meflox Manufacturing Company. (See Prouty, Willis O., assignor.)
- Metzger, Morris, New York, N. Y. Coat. 101,385; Sept. 29.
- Metzger, Morris, New York, N. Y. Coat. 101,386; Sept. 29.
- Metzger, Morris, New York, N. Y. Coat. 101,672; Oct. 20.
- Meurling, Berta, New York, N. Y. Mail rack. 100,873; Aug. 18.
- Meyer, Albert C., Glenshaw, Pa. Bottle. 99,409; Apr. 21.
- Meyer, Albert C., Glenshaw, Pa. Bottle. 100,382; July 14.
- Meyer, Albert C., Glenshaw, Pa. Bottle. 100,383; July 14.



- Meyer, Albert C., Glenshaw, Pa. Bottle. 100,874; Aug. 18.  
Meyer, Bernard, New York, N. Y. Hanger or similar article. 98,540; Feb. 11.  
Meyer, Emanuel M., New York, N. Y. Shoe. 100,384; July 14.  
Meyer, Emanuel M., and D. Levin, New York, N. Y. Buckle. 99,820; May 26.  
Meyer, Max C., Brooklyn, N. Y. Boudoir case. 98,360; Jan. 28.  
Meyer, Max C., Brooklyn, N. Y. Ash tray or similar article. 98,361; Jan. 28.  
Meyer, Max C., Brooklyn, N. Y. Cigarette case or similar article. 98,604; Feb. 18.  
Meyer, Max C., Brooklyn, N. Y. Ring box or similar article. 99,821; May 26.  
Meyer, Samuel J., New York, N. Y. Shoe. 98,688; Feb. 25.  
Meyer, Samuel J., New York, N. Y. Shoe. 98,878; Mar. 10.  
Meyer, Samuel J., New York, N. Y. Shoe. 99,518; May 5.  
Meyrhoef, Carl E., New York, N. Y., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Fan guard or similar article. 98,541; Feb. 11.  
Meyrhoef, Carl E., New York, assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Automobile heater or the like. 99,722; May 19.  
Meyerhoff, Arthur E., Chicago, Ill. Table. 102,035; Nov. 24.  
Meyers, Wallace E., New York, N. Y. Glove. 96,567; Feb. 11.  
Meyers, Wallace E., New York, N. Y. Glove. 99,410; Apr. 21.  
Meyers, Wallace E., New York, N. Y. Glove. 99,566; May 5.  
Meyers, Wallace E., New York, N. Y. Glove. 101,997; Nov. 17.  
Meyers, Wallace E., New York, N. Y. Glove. 102,499; Dec. 22.  
Meyers, Wallace E., New York, N. Y. Glove. 102,500; Dec. 22.  
Meyers, Wallace E., New York, N. Y. Glove. 102,501; Dec. 22.  
Meyers, Wallace E., New York, N. Y. Glove. 102,502; Dec. 22.  
Meyers, Wallace E., New York, N. Y. Glove. 102,599; Dec. 29.  
Meyerson, Morris, Jacksonville, Fla. Fishing rod tip. 101,236; Sept. 15.  
Michaels, Frank L., Fort Thomas, Ky. Parking meter casing. 100,875; Aug. 18.  
Michal, James, assignor to Storkline Furniture Corporation, Chicago, Ill. Baby carriage. 99,664; May 12.  
Michigan Maple Block Company. (See Schmitt, Frederick J., assignor.)  
Mid-Continent Petroleum Corporation. (See Brittain, Harold A., assignor.)  
Midway Chemical Company. (See Glover, John, assignor.)  
Midwest Tool & Engineering Company, The. (See Koogler, Oscar A., assignor.)  
Miesse, Richard E., assignor to General Scientific Corporation, Chicago, Ill. Combined transformer housing and base for illuminated display stand. 101,416; Sept. 29.  
Miesse, Richard E., assignor to General Scientific Corporation, Chicago, Ill. Combined transformer housing and wall bracket for illuminated display stand. 101,589; Oct. 13.  
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Camera. 100,961; Aug. 25.  
Miles, John R., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Projector. 101,547; Oct. 13.  
Milius Shoe Company. (See Walsh, John J., assignor.)  
Miller, Charles, New York, N. Y. Shoe or similar article. 98,879; Mar. 10.  
Miller, Charles, New York, N. Y. Shoe or similar article. 99,882; June 2.  
Miller, Charles, New York, N. Y. Shoe or similar article. 99,883; June 2.  
Miller, Charles, New York, N. Y. Shoe or similar article. 100,279; July 7.  
Miller, Charles, New York, N. Y. Shoe or similar article. 100,280; July 7.  
Miller, Charles, New York, N. Y. Shoe or similar article. 101,706; Oct. 27.  
Miller, Charles, New York, N. Y. Shoe or similar article. 102,140; Dec. 1.  
Miller, Fredrick P., Vulcan, Mich. Connecting link for chains. 99,881; June 2.  
Miller, George, New York, N. Y. Shoe or similar article. 99,884; June 2.  
Miller, George, New York, N. Y. Shoe or similar article. 99,885; June 2.  
Miller, George, New York, N. Y. Shoe or similar article. 100,575; July 28.  
Miller, George L., Philadelphia, Pa., assignor to Lester Piano Company. Piano. 98,272; Jan. 21.  
Miller, George L., Philadelphia, Pa., assignor to Lester Piano Company. Piano. 98,273; Jan. 21.  
Miller, Henry D., Reading, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Combined folder and article display device. 101,819; Nov. 3.  
Miller, Jacob C., assignor to Badger Meter Manufacturing Company, Milwaukee, Wis. Combination dispensing nozzle and meter. 100,385; July 14.  
Miller, John B., and W. P. Biddle, Jr., assignors to Knox Stove Works, Knoxville, Tenn. Circulating heater. 100,113; June 23.  
Miller, John M., Bend, Oreg. Booth. 100,333; July 7.  
Miller, Mack, Candle Co. (See Newton, Byron G., assignor.)  
Miller Meters Inc. (See Miller, Samuel L., assignor.)  
Miller, Michael S., Thompsonville, Conn. Carpet. 98,746; Feb. 25.  
Miller, Otto C., Philadelphia, Pa. Stocking. 102,285; Dec. 8.  
Miller, Samuel L., Maywood, Ill., assignor to Miller Meters Inc., Chicago, Ill. Parking meter. 101,237; Sept. 15.  
Miller, Swift, Wauwatosa, assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Carpet sweeper. 100,576; July 28.  
Miller, Walter C., assignor to Quaker Lace Company, Inc., Philadelphia, Pa. Lace tablecloth. 99,206; Apr. 7.  
Miller, Walter C., assignor to Quaker Lace Company, Inc., Philadelphia, Pa. Lace tablecloth. 99,580; May 12.  
Miller, Walter C., assignor to Quaker Lace Company, Inc., Philadelphia, Pa. Lace tablecloth. 99,581; May 12.  
Miller, William H., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 98,459; Feb. 4.  
Miller, William H., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 99,411; Apr. 21.  
Millholland, James H., Philadelphia, Pa., assignor to Sandura Company, Inc. Sample display stand for floor coverings. 100,787; Aug. 11.  
Mills Company, The. (See Willard, James O., assignor.)  
Milner, Wilfred R., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Radiator ornament. 101,998; Nov. 17.  
Miltnerberger, Dorothy S., Webster Groves, Mo. Artificial tree ornament. 101,788; Nov. 3.  
Milwaukee Lace Paper Company. (See Hamilton, Kenneth C., assignor.)  
Miner, W. H., Inc. (See Lounsbury, Harvey J., assignor.)  
Minoff, Jack, Brooklyn, N. Y. Knitted fabric. 98,542; Feb. 11.  
Minshall, Robert J. and W. E. Beall, assignors to Boeing Aircraft Company, Seattle, Wash. Flying boat. 101,707; Oct. 27.  
Mission Dry Corporation. (See Gray, Frank W., assignor.)  
Mitchell, Ossian K., Chicago, Ill. Clock. 100,827; Aug. 11.  
Mitchell & Weber, Inc. (See Christen, Marcel, assignor.)  
Mitschke, Walter, North Plainfield, N. J. Upholstery fabric. 99,134; Mar. 31.  
Mittag & Volger, Incorporated. (See Cole, Ira, assignor.)  
Mix, Edwin S., assignor to Hickok Manufacturing Company, Rochester, N. Y. Initial or other character bearing holder. 99,519; May 5.  
Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Buckle. 101,050; Sept. 1.  
Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Buckle. 101,051; Sept. 1.  
Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Buckle. 101,052; Sept. 1.  
Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Buckle. 101,053; Sept. 1.  
Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Buckle. 101,054; Sept. 1.  
Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Buckle. 101,055; Sept. 1.  
Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Buckle. 101,056; Sept. 1.  
Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Buckle. 101,057; Sept. 1.  
Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Buckle. 101,058; Sept. 1.  
Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Buckle. 101,059; Sept. 1.  
Mohawk Brush Company. (See Weber, Frank R., assignor.)  
Mohawk Liqueur Corporation. (See Luft, Michael, assignor.)  
Moitoza, George W., San Francisco, Calif. Sinkers for fishing lines. 101,502; Oct. 6.  
Moloney, Raymond T. (See Gast, George A., assignor.)  
Molyneux, Edward F., Westport, Conn., assignor to The Chilton Pen Company, Inc., Long Island City, N. Y. Fountain pen or similar article. 100,962; Aug. 25.  
Molyneux, Edward F., Westport, Conn., assignor to The Chilton Pen Company, Inc., Long Island City, N. Y. Fountain pen or similar article. 100,963; Aug. 25.  
Molyneux, Edward F., Westport, Conn., assignor to The Chilton Pen Company, Inc., Long Island City, N. Y. Fountain pen or similar article. 100,964; Aug. 25.  
Molyneux, Edward F., Westport, Conn., assignor to The Chilton Pen Company, Inc., Long Island City, N. Y. Fountain pen or similar article. 100,965; Aug. 25.  
Molyneux, Edward F., Westport, Conn., assignor to The Chilton Pen Company, Inc., Long Island City, N. Y. Fountain pen or similar article. 100,966; Aug. 25.  
Molyneux, Edward F., Westport, Conn., assignor to The Chilton Pen Company, Inc., Long Island City, N. Y. Fountain pen or similar article. 100,967; Aug. 25.  
Molyneux, Edward F., Westport, Conn., assignor to The Chilton Pen Company, Inc., Long Island City, N. Y. Fountain pen or similar article. 100,968; Aug. 25.  
Molyneux, Edward F., Westport, Conn., assignor to The Chilton Pen Company, Inc., Long Island City, N. Y. Fountain pen or similar article. 100,969; Aug. 25.



- Monarch Manufacturing Works, Inc. (See Murphy, Thomas W., assignor.)
- Monasch, Stanley B., New York, N. Y., assignor to James Clark Distilling Corporation, Jersey City, N. J. Bottle. 98,813; Mar. 3.
- Monasch, Stanley B., New York, N. Y., assignor to James Clark Distilling Corporation, Jersey City, N. J. Bottle. 100,386; July 14.
- Moninger, Frank M., assignor to Sportsman's Manufacturing and Distributing Company, Inc., Los Angeles, Calif. Storage magazine for a machine for dispensing spherical objects. 101,388; Sept. 29.
- Monnin, Joseph G., San Leandro, Calif. Storage battery container. 100,219; June 30.
- Monnin, Joseph G., San Leandro, assignor to U. S. L. Battery Corporation of California, Oakland, Calif. Storage battery container. 99,886; June 2.
- Monnin, Joseph G., San Leandro, assignor to U. S. L. Battery Corporation of California, Oakland, Calif. Storage battery container. 99,887; June 2.
- Monnot, Edward L., assignor to Weber Dental Manufacturing Company, Canton, Ohio. X-ray unit. 101,387; Sept. 29.
- Monnot, Edward L., assignor to Weber Dental Manufacturing Company, Canton, Ohio. X-ray unit standard. 101,389; Sept. 29.
- Monnot, Edward L., assignor to Weber Dental Manufacturing Company, Canton, Ohio. Combined X-ray tube and transformer case and bracket. 101,390; Sept. 29.
- Montanye, Carlyle N., Glyndon, Md. Desk calendar. 102,571; Dec. 29.
- Monteith, Charles N., and E. G. Emery, Jr., assignors to Boeing Aircraft Company, Seattle, Wash. Flying boat bombing airplane. 100,709; Aug. 4.
- Montgomery, Thomas H., Milwaukee, Wis. Decorative automobile hood trim. 101,133; Sept. 8.
- Montgomery Ward & Co. (See Chapman, Fredrick D., assignor.)
- Montgomery Ward & Co. Incorporated. (See Chapman, Fredrick David, assignor.)
- Montgomery Ward & Co. (See Knapp, Leland G., assignor.)
- Montgomery Ward & Co. (See Prall, Bert R., assignor.)
- Montgomery Ward & Co. (See Underwood, John A., assignor.)
- Montmartin, Guy, Paris, France. Hanging lamp. 102,438; Dec. 22.
- Moers, Arnold R., et al. (See Sterling, Marion A., assignor.)
- Mooney, John O., Rochester, N. Y. Combined catholic crucifix container and sickroom set. 101,503; Oct. 6.
- Moore, Coleman B., West Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Casing for measuring and controlling instruments. 99,582; May 12.
- Moore Corporation, The. (See Daegling, Kenneth H., assignor.)
- Moore, Herman E., assignor to Parsons Casket Hardware Company, Belvidere, Ill. Casket handle. 102,286; Dec. 8.
- Moorman, Charles L., Blue Island, Ill. Road marker. 101,134; Sept. 8.
- Moran, William, Woodside, N. Y. Grate or similar article. 99,361; Apr. 21.
- Morgan, Erving B., assignor to American Seating Company, Grand Rapids, Mich. Chair. 101,743; Oct. 27.
- Morgan, Harry A. (See Crandall, L., Davis, and Lindquist, assignors.)
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Company, Chicago, Ill. Shoe. 98,954; Mar. 17.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Insulated container or the like. 99,094; Mar. 24.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Gasoline operated flatiron and tank therefor. 99,751; May 19.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined washing machine casing and wringer. 99,888; June 2.
- Morgan, John R., Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill. Outdoor rocker. 99,956; June 9.
- Morgan, John R., Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill. Outdoor chair. 99,957; June 9.
- Morgan, John R., Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill. Cabinet. 99,958; June 9.
- Morgan, John R., Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill. Cook stove. 100,078; June 16.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Ice cream freezer. 100,114; June 23.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Accessory tank for bicycles. 100,115; June 23.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Sled. 100,220; June 30.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Cook stove. 100,221; June 30.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Deck chair. 100,222; June 30.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Handlebar grip. 100,223; June 30.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Portable radio cabinet. 100,501; July 21.
- Morgan, John R., Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill. Gasoline flatiron. 100,738; Aug. 4.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Chemical toilet. 101,238; Sept. 15.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Automobile heater casing. 101,239; Sept. 15.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Tuning dial for radio receivers. 101,482; Oct. 6.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Vacuum cleaner casing. 101,789; Nov. 3.
- Morgantown Glass Works. (See Dougherty, George, assignor.)
- Morgantown Glass Works. (See Irwin, David K., assignor.)
- Morgenstern, Charles E., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Combined washing machine and drier. 98,274; Jan. 21.
- Morgenstern, Charles E., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Tub for a domestic washing machine. 101,548; Oct. 13.
- Morgenstern, Charles E., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Combined washing machine casing and wringer. 101,646; Oct. 20.
- Morgenstern, Charles E., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Domestic washing machine tub. 102,572; Dec. 29.
- Morimura Bros. Inc. (See Buma, Yukio, assignor.)
- Morimura Bros. Inc. (See Leigh, Cyril W., assignor.)
- Morin, Luke O., Jr., Chattanooga, Tenn. Circulation heater. 100,710; Aug. 4.
- Morin, Luke O., Jr., Chattanooga, Tenn. Heater. 100,711; Aug. 4.
- Morin, Luke O., Jr., Chattanooga, Tenn. Radiant heater. 100,712; Aug. 4.
- Morin, Luke O., Jr., Chattanooga, Tenn. Door for a heater. 100,713; Aug. 4.
- Moro, Louis, Danbury, Conn. Combined dial and hands for a clock or similar article. 102,089; Nov. 24.
- Morrell, Louis D., assignor to Kidskin Guild, New York, N. Y. Shoe. 101,045; Sept. 1.
- Morris, James J., assignor to Oak Manufacturing Company, Chicago, Ill. Doughnut machine. 100,176; June 23.
- Morris, James R., Perrysburg, Ohio. Bottle cap. 98,880; Mar. 10.
- Morris, Joseph C., Chicago, Ill. Combination clock and calendar. 102,573; Dec. 29.
- Morris, Mann & Reilly, Inc. (See Felmann, Henri, assignor.)
- Morris, Milton, New York, N. Y. Textile fabric. 102,593; Dec. 29.
- Morrison, William P., assignor to Bryce Brothers Company, Mount Pleasant, Pa. Stemmed goblet or similar article. 102,062; Nov. 24.
- Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Water heater. 98,179; Jan. 14.
- Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Water heater. 98,605; Feb. 18.
- Morrow, Earle L., Johnston, assignor to Frank Morrow & Co. Inc., Providence, R. I. Jewelry finding for pins or the like. 102,287; Dec. 8.
- Morrow, Frank, & Co. Inc. (See Morrow, Earle L., assignor.)
- Morton, Charles W., Santa Cruz, Calif. Bun. 101,549; Oct. 13.
- Moser-Benedikt, Berthold, Karlsbad, Czechoslovakia, assignor to R. H. Macy & Co., Inc., New York, N. Y. Casserole. 98,606; Feb. 18.
- Moser-Benedikt, Berthold, Karlsbad, Czechoslovakia, assignor to R. H. Macy & Co., Inc., New York, N. Y. Cup. 98,607; Feb. 18.
- Moses, Charles, New York, N. Y. Knitted fabric. 101,673; Oct. 20.
- Moses, Charles, New York, N. Y. Knitted fabric. 101,674; Oct. 20.
- Moses, Charles, New York, N. Y. Knitted fabric. 101,675; Oct. 20.
- Moses, Charles, New York, N. Y. Knitted fabric. 101,751; Oct. 27.
- Moses, Charles, New York, N. Y. Knitted fabric. 101,752; Oct. 27.
- Moses, Wade, Cleveland, Ohio. Beam compass or the like. 102,387; Dec. 15.
- Moshansky, Max, New York, N. Y. Coat. 101,676; Oct. 20.
- Mosheim, Albert, New York, N. Y. Cake of soap. 98,881; Mar. 10.
- Mosheim, Albert, New York, N. Y. Shaving bowl or similar article. 100,353; July 7.
- Mosheim, Albert, New York, N. Y. Combined stopper and handle. 100,923; Aug. 18.
- Mosse, Incorporated. (See Klein, Max, assignor.)
- Motherwell, Joseph W. (See Baker, H. S., and Motherwell.)



- Motor Wheel Corporation. (See Horn, Harry J., assignor.)
- Motor Wheel Corporation. (See Hunt J Harold, assignor.)
- Motor Wheel Corporation. (See Jones, D. F., and Cotes, assignors.)
- Mott, Hilary R., assignor to Nehi, Inc., Columbus, Ga. Bottle. 101,483; Oct. 6.
- Mueller, L. J., Furnace Company. (See Hess, Clarence R. T., assignor.)
- Muench-Kreuzer Candle Company Inc. (See Muench, T. J., and Guilfoil, assignors.)
- Muench, Thomas J., and O. D. Guilfoil, assignors to Muench-Kreuzer Candle Company Inc., Syracuse, N. Y. Candle lamp. 100,876; Aug. 18.
- Mulcahy, William M., and G. E. Ford, assignors to Rochester Manufacturing Co., Rochester, N. Y. Combined filler cap and gauge housing. 102,439; Dec. 22.
- Mulford, Henry K., assignor to The National Drug Company, Philadelphia, Pa. Reservoir-container. 101,135; Sept. 8.
- Mülhens, Paul P., Cologne, Germany. Bottle. 99,629; May 12.
- Mülhens, Paul P., Cologne, Germany. Bottle. 99,646; May 12.
- Mülhens, Paul P., Cologne, Germany. Bottle. 99,647; May 12.
- Mülhens, Paul P., Cologne, Germany. Bottle. 99,648; May 12.
- Mülhens, Paul P., Cologne, Germany. Bottle. 99,649; May 12.
- Mullen, Mary, assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 98,287; Jan. 21.
- Mullen, Mary, assignor to Rosenau Bros. Inc., Philadelphia, Pa. 98,882; Mar. 10.
- Mullen, Mary, assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 98,883; Mar. 10.
- Mullen, Mary, assignor to Rosenau Bros., Inc., Philadelphia, Pa. Dress. 99,135; Mar. 31.
- Mullen, Mary, assignor to Rosenau Bros., Inc., Philadelphia, Pa. Dress. 99,207; Apr. 7.
- Mullen, Mary, assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 99,914; June 2.
- Mullen, Mary, assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 99,915; June 2.
- Mullen, Mary, assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 100,079; June 16.
- Mullen, Mary, assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 100,224; June 30.
- Mullen, Mary, assignor to Roseanu Bros. Inc., Philadelphia, Pa. Dress ensemble. 101,677; Oct. 20.
- Mullen, Mary, assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 101,678; Oct. 20.
- Mullen, Mary, assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 101,757; Oct. 27.
- Muller, J. P., & Company. (See Hershfield, Ben C., assignor.)
- Mulligan, George, assignor to Platinum Products Company, Inc., New York, N. Y. Cigarette lighter. 99,041; Mar. 24.
- Mullins Manufacturing Corporation. (See Broomall, Vernon H., assignor.)
- Mundet, L., & Son, Inc. (See McAuliffe, Leo C., assignor.)
- Munn, Doris S., Wolverhampton, England. Hand carrier for parcels. 101,060; Sept. 1.
- Murdoch, Alexander, Hamden, assignor to United Advertising Corporation, New Haven, Conn. Advertising sign. 101,173; Sept. 8.
- Murphy, Colford J., South Weymouth, Mass. Display tag holder. 102,440; Dec. 22.
- Murphy, Thomas W., Bala-Cynwyd, assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Oil burner pumping and control unit. 100,476; July 21.
- Murray, Albert L., Auburn, Md. Shoe sole. 101,550; Oct. 13.
- Murray, Albert L., Auburn, Ind. Fly swatter blade. 101,647; Oct. 20.
- Murray Corporation of America, The. (See Menge, Clarence H., assignor.)
- Murray Corporation of America, The. (See Northup, Amos E., assignor.)
- Murray, Frank, West Leesport, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 100,036; June 16.
- Murray, Frank, West Leesport, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 100,439; July 14.
- Murray, Hilton B., New York, N. Y. Trailer. 99,295; Apr. 14.
- Murray, James A., Philadelphia, Pa. Key charm. 102,441; Dec. 22.
- Murray-Ohio Manufacturing Company, The. (See Kraeft, Herman L., assignor.)
- Murrin, Gahlbeth H., Pasadena, Calif. Drawer pull. 102,288; Dec. 8.
- Musselman, Alvin J., Cleveland Heights, Ohio. Coaster brake. 101,999; Nov. 17.
- Musser, Clair O., assignor to J. C. Deagan Inc., Chicago, Ill. Marimba. 100,334; July 7.
- Mussey, William H. (See Adams, E. E., Blomberg, Mussey, and Stout.)
- Mussio, Laura, Brooklyn, N. Y. Combination dress and waist or similar article. 98,955; Mar. 17.
- Mutch, James B., assignor to Schelter Last Co. Inc., Rochester, N. Y. Shoe tree. 98,180; Jan. 14.
- Mutterperl, Sol, Incorporated. (See Lending, Isidore, assignor.)
- Muzak Corporation of Ohio. (See De Sakhnoffsky, Alexis, assignor.)
- Muzzo, Ross C., Toledo, Ohio. Smoker's utensil. 101,882; Nov. 10.
- Myers, George D., assignor to The Edwards Manufacturing Company, Cincinnati, Ohio. Burial vault or similar article. 101,504; Oct. 6.
- Myers, Harry L., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Floor conditioning machine. 100,788; Aug. 11.
- Myers, Joseph W., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Flatiron. 100,335; July 7.
- Naamlloze Vennootschap Amsterdamsche Likeurstokerij "T Lootsje" Der Erven Lucas Bols. (See Carp, Bernard, assignor.)
- Nabelle, Charles. (See Goodman, R., and Nabelle.)
- Nadler, Harry, New York, N. Y. Blouse. 98,608; Feb. 18.
- Nadvornik, William A., Detroit, Mich. Combined pen set and paperweight. 101,708; Oct. 27.
- Naegele, Ray W., Fairview Village, assignor to Bender Body Co. and The White Motor Co., jointly, Cleveland, Ohio. Vehicle chair. 102,090; Nov. 24.
- Nagel-Chase Mfg. Co., The. (See Schultz, Edward, assignor.)
- Naidor, George, Jersey City, N. J. Shoe. 100,037; June 16.
- Napier Company, The. (See Schuelke, Emil A., assignor.)
- Narragansett Brewing Company, The. (See Haley, John W., assignor.)
- Narrow Fabric Company, The. (See Busch, Harry H., assignor.)
- Narrow Fabric Company, The. (See Huber, Otto E., assignor.)
- Narrow Fabric Company, The. (See Maurer, Clarence D., assignor.)
- Narrow Fabric Company, The. (See Murray, Frank, assignor.)
- Narrow Fabric Company, The. (See Siner, Raymond K., assignor.)
- Narrow Fabric Company, The. (See Strupp, August K., assignor.)
- Narrow Fabric Company, The. (See Sweeney, John W., assignor.)
- Nash, Benjamin S., Short Hills, N. J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Radio cabinet. 101,061; Sept. 1.
- Nash, Benjamin S., Short Hills, N. J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Radio cabinet. 101,062; Sept. 1.
- Nash, Benjamin S., Short Hills, N. J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Radio Cabinet. 101,063; Sept. 1.
- Nash, Benjamin S., Short Hills, N. J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Radio cabinet. 101,064; Sept. 1.
- Nash, Benjamin S., Short Hills, N. J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Radio cabinet. 101,087; Sept. 1.
- Nathan, Joseph B., New York, N. Y. Combined love-seat and chair or similar article. 99,959; June 9.
- Nathanson, George B., Brookline, Mass. Display box for jewelry. 101,753; Oct. 27.
- National Brass Company. (See Knapp, E. L., Peterson and Dexter, assignors.)
- National Drug Company, The. (See Mulford, Henry K., assignor.)
- National Pressure Cooker Company. (See Nelson, Carl, assignor.)
- Nehi, Inc. (See Mott, Hilary R., assignor.)
- Neidhardt, Carl G., assignor to Taywal Corporation, Chattanooga, Tenn. Industrial spray gun. 102,388; Dec. 15.
- Neisser, Otto, Jr. (See Clar, G., and Neisser.)
- Nellen, Arthur H., Merion, and F. Leopold, Jr., Harmonville, assignors to Lee Rubber & Tire Corporation, Conshohocken, Pa. Vehicle tire. 100,116; June 23.
- Nellen, Arthur H., Merion, and F. Leopold, Jr., Harmonville, assignors to Lee Rubber and Tire Corporation, Conshohocken, Pa. Vehicle tire. 100,117; June 23.
- Nellen, Arthur H., Merion, and F. Leopold, Jr., Harmonville, assignors to Lee Rubber and Tire Corporation, Conshohocken, Pa. Vehicle tire. 100,118; June 23.
- Nelson, Andrew W., assignor to Columbian Enameling & Stamping Co., Terre Haute, Ind. Kettle cover. 102,574; Dec. 29.
- Nelson, Carl, assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure cooker. 99,583; May 12.
- Nelson, Carl, assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure cooker. 99,584; May 12.
- Nelson, Lewis F., Kaukauna, Wis. Napkin or similar article of paper. 99,412; Apr. 21.
- Nereim, Roy O., Highland Park, Ill., assignor to General Electric Company. Playing card holder. 102,442; Dec. 22.
- Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Endpiece for an ophthalmic mounting. 98,543; Feb. 11.



- Nesbitt Fruit Products Inc. (See Steuer, Norman F., assignor.)
- Nestle-Lemur Company, The. (See Drener, Monroe F., assignor.)
- Neumann, Charles A., assignor to Bardstown Distillery, Inc., Bardstown, Ky. Bottle. 100,714; Aug. 4.
- Neumann, Edward A., North St. Paul, Minn. Bar football. 102,389; Dec. 15.
- Neumann, R., & Company. (See Bernheim, Richard, assignor.)
- Newar, Abraham, assignor to Marvel Appliance Corporation, Chicago, Ill. Steam spraying apparatus. 99,362; Apr. 21.
- New England Bedding Company. (See Feldman, Jacob C., assignor.)
- New England Bedding Company. (See Johnson, Gustave A., assignor.)
- New England Lace Mills Inc. (See Edson, Bert, assignor.)
- Newhard, Chapin S., St. Louis, Mo. Stock quotation board. 99,822; May 26.
- New Jersey Machine Corporation. (See von Hofe, G. W., and Dans, assignors.)
- New Jersey Optical Co. (See Durgin, Edgar R., assignor.)
- New Jersey Porcelain Company. (See Smith, James R., Sr., assignor.)
- Newland, Leslie C., Marshalltown, Iowa. Storm curtain. 100,715; Aug. 4.
- Newman, Fred E., Chicago, Ill. Sport shirt. 101,754; Oct. 27.
- Newman, Gertrude A., Cleveland, Ohio. Doll. 99,208; Apr. 7.
- Newman, Jacob E., Pittsburgh, Pa. Handle for a bar spigot or similar article. 102,443; Dec. 22.
- Newman, John J., assignor to M. Grumbacher, New York, N. Y. Ink bottle. 99,136; Mar. 31.
- Newmarket Hat Company. (See Melamed, Isidor, assignor.)
- Newnham, Eugene, assignor to Knapp-Monarch Company, St. Louis, Mo. Fan propeller. 102,390; Dec. 15.
- Newton, Byron G., assignor to Mack Miller Candle Co., Syracuse, N. Y. Candle holder. 102,141; Dec. 1.
- Newton, Earl W., Chicago, Ill., assignor to Imperial Glass Corporation, Bellaire, Ohio. Bowl or similar article. 100,577; July 28.
- Newton, Earl W., Chicago, Ill., assignor to Imperial Glass Corporation, Bellaire, Ohio. Plate or similar article. 100,578; July 28.
- Newton, Earl W., Chicago, Ill., assignor to Imperial Glass Corporation, Bellaire, Ohio. Tumbler or similar article. 100,579; July 28.
- Nichols, Edgar B., Moorestown, N. J. Dispensing device. 98,733; Feb. 25.
- Nicholson, Albert H., assignor to The Federal Glass Company, Columbus, Ohio. Glass bowl or similar article. 102,091; Nov. 24.
- Nicrosini, Frank, Bayside, N. Y. Quilted fabric article. 99,330; Apr. 14.
- Nicrosini, Frank, Bayside, N. Y. Quilted fabric article. 99,331; Apr. 14.
- Nineteen Hundred Corporation. (See Keil, Gustav B., assignor.)
- Nineteen Hundred Corporation. (See Morgenstern, Charles E., assignor.)
- Nineteen Hundred Corporation. (See Wooster, Vernon, assignor.)
- Noblit, George C. (See Mengle, G. A., and Noblit.)
- Noble, F. H., & Co. (See Allen, Jack G., assignor.)
- Noble, F. H., & Co. (See Mayerhofer, Thomas, assignor.)
- Noble, F. H., & Co. (See Shields, John M., assignor.)
- Noble, Olbert C., assignor to Tygart Valley Glass Company, Washington, Pa. Jar. 99,137; Mar. 31.
- Noma Electric Corporation. (See Wolf, Abraham, assignor.)
- Norden, Jesse. (See Githens, O. W., Norden, and Manerberg.)
- Nordstrom Merco Valve Company. (See Nordstrom, Sven J., assignor.)
- Nordstrom, Sven J., Piedmont, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Plug valve body. 98,362; Jan. 28.
- Nordstrom, Sven J., Piedmont, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Plug valve body. 98,363; Jan. 28.
- Norman, Avery L., Dobson, N. C. Andiron. 102,063; Nov. 24.
- Norman, Merle, Ocean Park, Calif. Jar or similar container. 99,363; Apr. 21.
- Norquist, Emanuel E., Kansas City, Mo. Hair drier. 99,296; Apr. 14.
- North Bro's Mfg Co. (See Fegley, T. J., and Leopold, assignors.)
- North King Corporation. (See Brugh, Emery, assignor.)
- Northam Warren Corporation. (See Carpenter, Frank P., assignor.)
- Northup, Amos E., assignor to The Murray Corporation of America, Detroit, Mich. Automobile. 100,119; June 23.
- Norton, Marguerite A., White Plains, N. Y. Kennel keg. 100,281; July 7.
- Norwood, Harry Y., West Rush, and H. S. Robbins, assignors to Taylor Instrument Companies, Rochester, N. Y. Instrument case. 102,000; Nov. 17.
- Nosalius, Michael, Pawtucket, R. I. Clock case. 101,391; Sept. 29.
- Novelview, Inc. (See Rossman, Earl, assignor.)
- Nuchterlein, Karl, assignor to Ihagee Kamerawerk Steenbergen & Co., Dresden, Germany. Camera. 99,297; Apr. 14.
- Nuckols, Walter S., Short Hills, N. J., assignor to Mary Chess, Inc., New York, N. Y. Bottle. 102,303; Dec. 8.
- Nutter, Everett, assignor to Goodall Worsted Company, Sanford, Maine. Textile drapery piece or similar article. 101,709; Oct. 27.
- Nycz, Henry J., Milwaukee, Wis. Toy cannon. 101,966; Nov. 17.
- Nyquist, Arthur N., assignor to Anderson Brass Shops, Inc., Rockford, Ill. Drawer pull. 102,333; Dec. 15.
- Nyquist, Arthur N., assignor to Anderson Brass Shops, Inc., Rockford, Ill. Drawer pull. 102,334; Dec. 15.
- Oak Manufacturing Company. (See Morris, James J., assignor.)
- Oberheu, Fred A., assignor to General Motors Corporation, Detroit, Mich. Ignition coil. 98,777; Mar. 3.
- O'Brien, Charles M., San Jose, Calif. Box. 98,884; Mar. 10.
- O'Brien, Joseph F., Jersey City, N. J., assignor to Westinghouse Lamp Company. Lighting fixture. 99,298; Apr. 14.
- O'Brien, William F., New Rochelle, N. Y. Bow for a shoe. 100,038; June 16.
- Obrig, Raymond L., East Orange, N. J., assignor to Continental Optical Company, Inc., Rochester, N. Y. Center bridge for eyeglasses or similar articles. 102,142; Dec. 1.
- Ochs, Frederick W., Boston, Mass., assignor to Louis H. Salvage Shoe Co. Incorporated, Manchester, N. H. Shoe. 98,275; Jan. 21.
- Odencrants, Hans H. C., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 100,518; July 21.
- Odencrants, Hans H. C., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 100,519; July 21.
- Odencrants, Hans H. C., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 100,520; July 21.
- Odencrants, Hans H. C., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 100,971; Aug. 25.
- Odencrants, Hans H. C., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 101,065; Sept. 1.
- O'Donoghue, Marie E., New Rochelle, assignor to London House Ltd., New York, N. Y. Hair brush. 100,789; Aug. 11.
- Oelgoetz, P. A. (See Karlsberger, Louis F., assignor.)
- Oestreich, Charles H., New York, N. Y. Glass bottle. 101,392; Sept. 29.
- Ofeldt, Frank W., McKeesport, Pa., assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa. Spraying apparatus casing. 102,575; Dec. 29.
- Ofeldt, Frank W., McKeesport, Pa., assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa. Spraying apparatus casing. 102,576; Dec. 29.
- Oges, Henry, Buffalo, N. Y. Refreshment stand. 101,240; Sept. 15.
- Oishei, John R., assignor to Trico Products Corporation, Buffalo, N. Y. Squeegee or similar article. 100,790; Aug. 11.
- Oishei, John R., assignor to Trico Products Corporation, Buffalo, N. Y. Squeegee or similar article. 100,791; Aug. 11.
- Olanoff, Nathaniel M., New York, N. Y., assignor to Bond Electric Corporation, Jersey City, N. J. Flashlight switch. 100,282; July 7.
- Oldenbusch, Ernest, Jr., Rockville Centre, N. Y. Combined inkwell and penholder. 100,440; July 14.
- Oldetyme Distillers, Inc. (See Englehardt, Charles P., assignor.)
- Olds, Ambrose D., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Circulating heater. 102,391; Dec. 15.
- Olean Glass Company. (See Smith, George, Jr., assignor.)
- Olmstead, Ralph P., assignor to Robert A. Johnston Company, Milwaukee, Wis. Hot fudge warmer. 98,778; Mar. 3.
- Olsen, Ingrid, Bellwood, Ill. Child's bib. 99,960; June 9.
- Oltarsh, J. (See Martin, José.)
- Oneida Community, Limited. (See Allen, G. N., Ressegger, and Gerth, assignors.)
- Oneida Limited. (See Allen, G. N., and Gerth, assignors.)
- Oneida Limited. (See Allen, G. N., Ressegger, and Kreps, assignors.)
- Oneida, Limited. (See Krautheim, Albert, assignor.)
- O'Neill, James J., Oakland, Calif. Dressing table. 99,299; Apr. 14.
- O'Neill, James J., Oakland, Calif. Make-up cabinet. 99,300; Apr. 14.
- O'Neill, James J., Oakland, Calif. Vanity case for automobiles. 99,413; Apr. 21.
- O'Neill, James J., Oakland, Calif. Combined reading rack and dressing table. 99,414; Apr. 21.
- O'Neill, James J., Oakland, Calif. Clamp. 101,393; Sept. 29.
- Onondaga Pottery Company. (See Cowan, R. Guy, assignor.)
- Onondaga Pottery Company. (See Wigley, John T., assignor.)
- Onondaga Silk Company. (See Vogelmann, Philip A., assignor.)
- Ontario Manufacturing Company. (See Downs, Marwood A., assignor.)
- Opolinsky, Murray A., New York, N. Y. Textile fabric. 99,427; Apr. 21.



- Ordin, Jack B. (See Ordin, Philip H. and J. B.)  
 Ordin, Philip H. and J. B., Los Angeles, Calif. Hair drying cabinet. 102,192; Dec. 1.  
 Orme, Wilbur L., Cambridge, Ohio. Candlestick or similar article. 99,448; Apr. 28.  
 Ornstein, David, New York, N. Y. Pendant. 100,580; July 28.  
 Orrison, Chester E., assignor of one-half to J. E. Reed, Chicago, Ill. Dental floss magazine. 98,734; Feb. 25.  
 Osborn Manufacturing Company, The. (See Bickel, Frederic J., assignor.)  
 Osborne, Herbert C., assignor to Webster Electric Company, Racine, Wis. Fuel supply unit for oil burners. 102,392; Dec. 15.  
 Osborne, Herbert C., assignor to Webster Electric Company, Racine, Wis. Fuel supply unit for oil burners. 102,393; Dec. 15.  
 Osbrink, Raymond H., Los Angeles, Calif. Game board. 98,084; Jan. 7.  
 Osbrink, Raymond H., Los Angeles, Calif. Molded glass alphabet lens for forming signs or the like. 99,168; Mar. 31.  
 Osbrink, Raymond H., Los Angeles, Calif. Molded glass numeral lens for forming signs or the like. 99,169; Mar. 31.  
 Osbrink, Raymond H., Los Angeles, Calif. Signal reflector for vehicles. 100,502; July 21.  
 Osterman, Samuel, New York, N. Y., assignor to Guth, Stern & Co., Inc. Flash lamp or similar article. 98,446; Feb. 4.  
 Ostermeyer, Gustavus A. (See Randall, A. F., and Ostermeyer.)  
 Osuch, Francis J., assignor to Robot-Hand Corporation, Detroit, Mich. Storage cabinet. 99,678; May 19.  
 Osuch, Francis J., assignor to Robot-Hand Corporation, Detroit, Mich. Combination kitchen cabinet, refrigerator, and sink. 99,679; May 19.  
 Osuch, Francis J., assignor to Robot-Hand Corporation, Detroit, Mich. Combination juice extractor and food mixer. 99,752; May 19.  
 Osuch, Francis J., assignor to Robot-Hand Corporation, Detroit, Mich. Combined sink and cabinet. 101,394; Sept. 29.  
 Otis, John E. (See Otis, W. F., Haas and Otis.)  
 Otis, Wilfred F., West New York, H. H. Haas, Union City, and J. E. Otis, West New York, N. J. Solid fuel stove ash pit. 100,120; June 23.  
 Otto, Ferdinand P., assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 99,585; May 12.  
 Ovenden, Ralph D., assignor of one-fourth to H. J. Rothrock, Sutton, Nebr. Football mitt. 100,283; July 7.  
 Owens-Illinois Can Company. (See Connor, Martha H., assignor.)  
 Owens-Illinois Glass Company. (See Desser, Michael S., assignor.)  
 Owens-Illinois Glass Company. (See Desser, M. S., and Fuerst, assignors.)  
 Owens-Illinois Glass Company. (See Eastus, Harold L., assignor.)  
 Owens-Illinois Glass Company. (See Fuerst, Brooks D., assignor.)  
 Owens-Illinois Glass Company. (See Fuerst, Edwin W., assignor.)  
 Owens-Illinois Glass Company. (See Hoge, John R., assignor.)  
 Owens-Illinois Glass Company. (See Holmes, Minot K., assignor.)  
 Owens-Illinois Glass Company. (See Jones, David, assignor.)  
 Owens-Illinois Glass Company. (See Lockart, Edward P., Jr., assignor.)  
 Owens-Illinois Glass Company. (See Lorenzen, Arnold I., assignor.)  
 Owens-Illinois Glass Company. (See Mackelfresh, William E., Jr., assignor.)  
 Owens-Illinois Glass Company. (See McCullough, Edward J., assignor.)  
 Owens-Illinois Glass Company. (See Plummer, Walter D., assignor.)  
 Owens-Illinois Glass Company. (See Steuer, Norman F., assignor.)  
 Owens-Illinois Glass Company. (See Toner, John F., assignor.)  
 Owens-Illinois Glass Company. (See Zimmerman, Willard P., assignor.)  
 Ox Fibre Brush Company. (See Paisley, Ray A., assignor.)  
 Paget, Win W., Michigan City, Ind. Portable compressor. 99,042; Mar. 24.  
 Paisley, Ray A., Frederick, Md., assignor to Ox Fibre Brush Company, Inc., New York, N. Y. Brush. 99,364; Apr. 21.  
 Palladino, Filomeno, Newark, N. J. Urn. 101,922; Nov. 10.  
 Pantasote Leather Company, The. (See Hesse, Curt O., assignor.)  
 Panther-Panco Rubber Co. Inc. (See Bernstein, Maurice J.)  
 Panther-Panco Rubber Co. Inc. (See Greenbaum, Arthur, assignor.)  
 Paper Novelty Manufacturing Co. (See Pretzfelder, Mil-lard, assignor.)  
 Pappert, Emanuel, Flushing, N. Y., assignor to H. K. Halikman, Beachmont, Mass. Spectacle frame. 101,551; Oct. 13.  
 Paramount Heating & Mfg. Co. (See Anthony, Eugene, assignor.)  
 Park, Charles K., New York, N. Y. Perfume bottle. 99,209; Apr. 7.  
 Park, Malcolm S., Mount Kisco, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Vacuum cleaner casing. 99,723; May 19.  
 Parker, Charles, Company, The. (See Connors, James J., assignor.)  
 Parker, Eugene, Los Angeles, Calif. Tile unit. 102,143; Dec. 1.  
 Parker, Eugene, Los Angeles, Calif. Tile. 102,144; Dec. 1.  
 Parker, Eugene, Los Angeles, Calif. Tile. 102,145; Dec. 1.  
 Parker, Eugene, Los Angeles, Calif. Tile unit. 102,146; Dec. 1.  
 Parker, Eugene, Los Angeles, Calif. Tile. 102,169; Dec. 1.  
 Parker, Eugene, Los Angeles, Calif. Tile. 102,170; Dec. 1.  
 Parker, Morgan, Katonah, and J. W. B. Ladd, Chappaqua, N. Y., assignors to Bard-Parker Company, Inc., Dan-bury, Conn. Cutting blade. 100,877; Aug. 18.  
 Parish, Dwight A., Vancouver, Wash. Medal or similar article. 102,064; Nov. 24.  
 Parr, Webster A., assignor of one-half to Bernhard C. Grunig, Chicago, Ill. Combined electric grill and cooker. 99,043; Mar. 24.  
 Parsons Casket Hardware Company. (See Moore, Her-man E., assignor.)  
 Pasadena Slipper Co. (See Joyce, William H., assignor.)  
 Pasmantier, John L., New York, N. Y. Plate. 101,883; Nov. 10.  
 Pasmantier, John L., New York, N. Y. Plate. 101,884; Nov. 10.  
 Pass & Seymour, Inc. (See Cowan, R. Guy, assignor.)  
 Pass & Seymour, Inc. (See Lescaze, William, assignor.)  
 Patchogue-Plymouth Mills Corporation. (See Geller, Hugo, assignor.)  
 Patent and Licensing Corporation, The. (See Piazza, Joseph J., assignor.)  
 Patent Button Company, The. (See Carley, Leonard R., assignor.)  
 Patent Novelty Company. (See Reimer, George H., as-signor.)  
 Patten, Raymond E., Bridgeport, Conn., assignor to Gen-eral Electric Company. Electric fatiron. 98,181; Jan. 14.  
 Patten, Raymond E., Bridgeport, Conn., assignor to Gen-eral Electric Company. Portable electric food mixing device. 98,689; Feb. 25.  
 Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company. Control knob or similar article. 98,956; Mar. 17.  
 Patten, Raymond E., Bridgeport, Conn., assignor to Gen-eral Electric Company. Control knob or similar ar-ticle. 98,957; Mar. 17.  
 Patten, Raymond E., Bridgeport, Conn., assignor to Gen-eral Electric Company. Radio dial escutcheon plate. 99,210; Apr. 7.  
 Patten, Raymond E., Bridgeport, Conn., assignor to Gen-eral Electric Company. Escutcheon plate. 100,121; June 23.  
 Patten, Raymond E., Bridgeport, Conn., assignor to Gen-eral Electric Company. Combined electrical receptacle and plug connector. 100,602; July 28.  
 Patterson, Rachel F., assignor to Heppenstall Company, Pittsburgh, Pa. Desk tray. 101,710; Oct. 27.  
 Patterson, Robert A., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 101,590; Oct. 13.  
 Paul, Peter, Inc. (See Flint, Margaret Y., assignor.)  
 Paulson, Nils I., assignor to Halsam Products Company, Chicago, Ill. Toy building log. 99,550; May 5.  
 Pawsat, Ewald F., Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated. Bicycle handle bar extension stem. 99,301; Apr. 14.  
 Pawsat, Ewald F., Maysville, Ky., assignor to Wald Man-ufacturing Company, Incorporated. Luggage carrier for bicycles or the like. 101,967; Nov. 17.  
 Pawsat, Ewald F., Maysville, Ky., assignor to Wald Man-ufacturing Company, Incorporated. Bicycle luggage carrier. 101,968; Nov. 17.  
 Payette, Paul, Outremont, Quebec, Canada. Coal truck body. 101,241; Sept. 15.  
 Payette, Paul, Outremont, Quebec, Canada. Sealable coal truck. 101,284; Sept. 22.  
 Payne, Harold, assignor to Premier Cone Baking Com-pany, Cincinnati, Ohio. Ice cream cone. 102,092; Nov. 24.  
 Payne, Walter B., Rochester, N. Y. Cigarette container or similar article. 99,961; June 9.  
 Peabody, Alexander M., assignor to The Puget Sound Navigation Company, Seattle, Wash. Boat or similar article. 101,395; Sept. 29.  
 Peace, Harvey W., Toronto, Ontario, assignor to Canada Cycle & Motor Company, Limited, Weston, Canada. Bicycle. 99,302; Apr. 14.  
 Pearson, Charles L., assignor to Master Metal Products, Inc., Buffalo, N. Y. Camp stove. 98,885; Mar. 10.  
 Pease, Earl E., Oak Park, assignor to Battery Patents Cor-poration, Chicago, Ill. Combined handle-bar stem and speedometer mounting for bicycles. 99,586; May 12.



- Pease, Earl E., Oak Park, assignor to Battery Patents Corporation, Chicago, Ill. Bicycle head and truss rod unit. 99,889; June 2.
- Pease, Earl E., Oak Park, assignor to Battery Patents Corporation, Chicago, Ill. Bicycle frame. 99,890; June 2.
- Pecora, Michael A., assignor to Pecora's Farm Dairy, West Hazleton, Pa. Milk bottle. 98,609; Feb. 18.
- Pecora's Farm Dairy. (See Pecora, Michael, assignor.)
- Pedlar, Sylvia S., New York, N. Y. Nightgown. 99,551; May 5.
- Pedlar, Sylvia S., New York, N. Y. Negligee. 100,080; June 16.
- Pedlar, Sylvia S., New York, N. Y. Nightgown. 101,202; Sept. 8.
- Peebles, Robert D., assignor to The Waterbury Button Company, Waterbury, Conn. Humming musical instrument. 101,969; Nov. 17.
- Pellegrin, Elmer D., Des Plaines, Ill., assignor to Round Oak Furnace Company, Dowagiac, Mich. Range. 99,365; Apr. 21.
- Pellegrin, Elmer D., Des Plaines, Ill., assignor to Round Oak Furnace Company, Dowagiac, Mich. Range. 99,366; Apr. 21.
- Pellicone, Vincent, Hollywood, Calif. Road marker for public highways. 101,885; Nov. 10.
- Pellow, Robert E., Waco, Tex. Building. 102,304; Dec. 8.
- Peltier, Frank D., Newburg, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerator shelf. 101,136; Sept. 8.
- Penn Electric Switch Co. (See Houghton, Lyle S., assignor.)
- Penna, Joseph, Redwood City, Calif. Wheelbarrow. 101,137; Sept. 8.
- Pennington, Thomas E., Belmont, Calif. Muddler. 99,825; May 26.
- Pepper, Dr., Bottling Company. (See Zetzmman, William G., assignor.)
- Perfection Steel Body Company, The. (See Cohen, Harry, assignor.)
- Perfection Stove Company. (See Adams, Wilbur H., assignor.)
- Perfection Stove Company. (See Adams, W. H., and Dahlstrom, assignors.)
- Perfection Stove Company. (See Adams, W. H., Resek, and Dahlstrom, assignors.)
- Perfection Stove Company. (See Chadwick, L. S., and Dahlstrom, assignors.)
- Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 99,449; Apr. 28.
- Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., of Danielson, Conn. Textile fabric. 99,450; Apr. 28.
- Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 99,451; Apr. 28.
- Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 99,452; Apr. 28.
- Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 99,453; Apr. 28.
- Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 99,454; Apr. 28.
- Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 99,455; Apr. 28.
- Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 99,456; Apr. 28.
- Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 99,457; Apr. 28.
- Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 99,458; Apr. 28.
- Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 99,459; Apr. 28.
- Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 99,482; Apr. 28.
- Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 99,680; May 19.
- Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 99,761; May 19.
- Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 99,762; May 19.
- Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 101,820; Nov. 3.
- Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 101,821; Nov. 3.
- Perlman, Edward, Chicago, Ill. Coffee brewing and warming stove. 100,284; July 7.
- Perlmutter, Henry A., Brooklyn, N. Y. Lamp base. 98,610; Feb. 18.
- Perlmutter, Henry A., Brooklyn, N. Y. Lamp base. 98,611; Feb. 18.
- Perlmutter, Henry A., Brooklyn, N. Y. Lamp base. 98,654; Feb. 18.
- Perona, Lucien A., Sausalito, assignor to Substance S Products, Inc., San Francisco, Calif. Cosmetic container. 98,612; Feb. 18.
- Perrin, Camille V., New York, N. Y. Glove. 99,962; June 9.
- Perry, James W., assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure. 99,095; Mar. 24.
- Perry, James W., assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure. 99,096; Mar. 24.
- Perry, James W., assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure. 99,097; Mar. 24.
- Perry, James W., assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure. 100,387; July 14.
- Perry, Joll, New York, N. Y. Cocktail drinking glass. 100,039; June 16.
- Persky, Joseph, New York, N. Y. Lace. 98,979; Mar. 17.
- Persky, Joseph, New York, N. Y. Lace. 98,980; Mar. 17.
- Persky, Joseph, New York, N. Y. Lace. 98,981; Mar. 17.
- Persky, Joseph, New York, N. Y. Lace. 98,982; Mar. 17.
- Persky, Joseph, New York, N. Y. Lace. 98,983; Mar. 17.
- Persky, Joseph, New York, N. Y. Lace. 98,984; Mar. 17.
- Persky, Joseph, New York, N. Y. Lace. 98,985; Mar. 17.
- Persky, Joseph, New York, N. Y. Lace. 98,986; Mar. 17.
- Persky, Joseph, New York, N. Y. Lace. 98,987; Mar. 17.
- Persky, Joseph, New York, N. Y. Lace. 98,988; Mar. 17.
- Persky, Joseph, New York, N. Y. Lace. 99,044; Mar. 24.
- Persky, Joseph, New York, N. Y. Lace. 99,045; Mar. 24.
- Persky, Joseph, New York, N. Y. Lace. 99,211; Apr. 7.
- Persky, Joseph, New York, N. Y. Lace. 99,460; Apr. 28.
- Persky, Joseph, New York, N. Y. Knitted textile fabric. 99,724; May 19.
- Persons, Lawrence M., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Control box. 100,828; Aug. 11.
- Perugia, Andre, Paris, France. Shoe or similar article. 101,711; Oct. 27.
- Perugia, Andre, Paris, France. Shoe or similar article. 101,886; Nov. 10.
- Perugia, Andre, Paris, France. Shoe or similar article. 102,193; Dec. 1.
- Petaja, John, Chicago, Ill. Tomato juice jar. 100,122; June 23.
- Peters, Arthur H., assignor to Horton Manufacturing Company, Fort Wayne, Ind. Combined washing machine casing and wringer. 98,124; Jan. 7.
- Peters, Hans M., Astoria, assignor to Electro-Mechanical Research Inc., Brooklyn, N. Y. Electrostatic condenser. 101,687; Oct. 20.
- Peters, Mark W., Glen Ridge, N. J., assignor to Eagle Pencil Company, New York, N. Y. Mechanical pencil. 99,212; Apr. 7.
- Peters, Mark W., Glen Ridge, N. J., assignor to Eagle Pencil Company, New York, N. Y. Fountain pen. 99,213; Apr. 7.
- Petersen, Edgar G., assignor to Pines Winterfront Co., Chicago, Ill. Toy wagon. 100,477; July 21.
- Petersen, Milton, Omaha, Nebr., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Rack for bread or the like. 99,214; Apr. 7.
- Petersen, Peter C., assignor to Viking Pump Company, Cedar Falls, Iowa. Rotary pump and reversible head combination. 100,040; June 16.
- Peterson, Gustav, New York, N. Y. Shoe. 99,367; Apr. 21.
- Peterson, Walter W. (See Knapp, E. L., Peterson and Dexter.)
- Petty, Fred J., assignor to Ball Brothers Company, Muncie, Ind. Bottle. 98,735; Feb. 25.
- Petty, Fred J., assignor to Ball Brothers Company, Muncie, Ind. Packer jar. 99,461; Apr. 28.
- Petty, Fred J., assignor to Ball Brothers Company, Muncie, Ind. Bottle. 102,444; Dec. 22.
- Petzold, William B., Chicago, Ill., assignor to General Electric Company. Calendar desk pad. 98,779; Mar. 3.
- Petzold, William B., Chicago, Ill., assignor to General Electric Company. Lamp. 98,886; Mar. 10.
- Pfau, William F., Cincinnati, Ohio. Article for smoking tobacco. 99,303; Apr. 14.
- Pharis Tire & Rubber Company, The. (See Reel, Ralph M., assignor.)
- Phelps, Robert W., Chicago, Ill. Store front. 100,336; July 7.
- Philco Radio & Television Corporation. (See Nash, Benjamin S., assignor.)
- Philco Shoe Corporation. (See Grossman, Nicholas J., assignor.)
- Phillips, Sara A. (See Hartmann, Walter W., assignor.)
- Phillips, Benjamin, assignor to The Phillips Pump & Tank Company, Cincinnati, Ohio. Display stand or similar article. 101,138; Sept. 8.
- Phillips Pump & Tank Company, The. (See Phillips, Benjamin, assignor.)
- Phillips, Ralph T. (See Shaffer, J. W., and Phillips.)
- Piazza, Joseph J., Carlstadt, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y. Shingle strip. 99,248; Apr. 7.
- Piazza, Joseph J., Carlstadt, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y. Roof or similar article. 99,249; Apr. 7.



- Piazzoli, Theodore J., Connellsville, Pa., assignor, by mesne assignments, to L. E. Waterman Company, New York, N. Y. Bottle or similar article. 98,958; Mar. 17.
- Piazzoli, Theodore J., assignor to Capstan Glass Company, Connellsville, Pa. Jar or similar article. 99,304; Apr. 14.
- Piazzoli, Theodore J., assignor to Capstan Glass Company, Connellsville, Pa. Jar or similar article. 102,171; Dec. 1.
- Piccinelli, Marguerite J. (See Burtnett, M. E., and Piccinelli.)
- Pickop, George B., New Haven, Conn. Vibrator body. 98,460; Feb. 4.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Solid fuel cook stove. 98,085; Jan. 7.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Gasoline cook stove. 98,182; Jan. 14.
- Pieper, Alphonse F. (See Pieper, Oscar H. and A. F.)
- Pieper, Oscar H. and A. F., Rochester, N. Y. Dental unit. 98,959; Mar. 17.
- Pieper, Oscar H. and A. F., Rochester, N. Y. Combined pedestal cuspidor and tumbler holder. 99,305; Apr. 14.
- Pierce, John B., Foundation. (See Groeniger, William C., assignor.)
- Pierce, Raymond T., Milburn, assignor to Western Electrical Instrument Corporation, Newark, N. J. Instrument case. 99,306; Apr. 14.
- Piffath, Peter, Elmhurst, N. Y. Induction coil casing. 102,001; Nov. 17.
- Pilliod Cabinet Company, The. (See Pilliod, Thomas J., assignor.)
- Pilliod, Thomas J., assignor to The Pilliod Cabinet Company, Swanton, Ohio. Combined packaging, cutting, and serving tray. 99,891; June 2.
- Pinaud Incorporated. (See de Vaulchier, Simon, assignor.)
- Plines Winterfront Co. (See Petersen, Edgar G., assignor.)
- Pipenhagen, Charles A. (See Tyler, Herbert B., assignor.)
- Pipenhagen, Charles A., Chicago, Ill. Sterilizer for bottles or the like. 101,396; Sept. 29.
- Piper, Kenneth T., Chicago, Ill., assignor to Seneca Glass Company, Morgantown, W. Va. Tumbler or similar article. 99,138; Mar. 31.
- Piperoux, Rene P. (See Bowker, W., and Piperoux.)
- Pirwitz, Gustav F. (See Wollensak, A., and Pirwitz.)
- Pixley, Milton A., and E. H. McCloud, Columbus, Ohio. Supplementary meter casing. 98,447; Feb. 4.
- Planco, Murray, New York, N. Y. Shoe or similar article. 101,712; Oct. 27.
- Plante, Lionel, Newark, N. J. Combined safety razor blade receptacle and honer, or similar article. 101,088; Sept. 1.
- Platinum Products Company. (See Berthold, Richard E., assignor.)
- Platinum Products Company Inc. (See Mulligan, George, assignor.)
- Plaut-Butler Inc. (See Stix, Carl, assignor.)
- Plume & Atwood Manufacturing Company, The. (See Hurlbut, Gordon B., assignor.)
- Plummer, Walter D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 102,036; Nov. 24.
- Plymouth Shops, Inc. (See Bluestein, Milton J., assignor.)
- Pochapin, Max M., New York, N. Y. Combined clock face, weather and temperature indicator. 102,289; Dec. 8.
- Pocock, Bryant W., Algonac, Mich. Carving tong. 100,792; Aug. 11.
- Podolin, William, New York, N. Y. Transportable stage for theatrical performances. 100,924; Aug. 18.
- Poeppelmeier, Frank H., assignor to Econotype, Inc., Dayton, Ohio. Type composing machine. 100,123; June 23.
- Poglein, Louis, Jeannette, Pa. Pie plate. 101,242; Sept. 15.
- Pollack, Joseph O., Chicago, Ill. Initial or other character bearing holder. 100,829; Aug. 11.
- Pollard, Frank L., Oakland, Calif. Show case. 98,086; Jan. 7.
- Pollard, Frank L., Oakland, Calif. Show case. 98,206; Jan. 14.
- Pollard, Frank L., Oakland, Calif. Combined sales and display counter. 98,613; Feb. 18.
- Pollard, Frank L., Oakland, Calif. Display rack. 100,285; July 7.
- Pollock, Leo, New York, N. Y. Combined electric candle and support therefor. 99,892; June 2.
- Pomerantz, Samuel L., New York, N. Y. Combined supporting tray and powder pad display. 98,690; Feb. 25.
- Pope-Gosser China Co., The. (See McKee, John D., assignor.)
- Popper, Arthur, New York, N. Y. Roulette device. 101,648; Oct. 20.
- Porpora, Mary, assignor to Franklin Simon & Co. Inc., New York, N. Y. Dress. 98,736; Feb. 25.
- Porpora, Mary, New York, N. Y. Dress. 101,679; Oct. 20.
- Porpora, Mary, assignor to Franklin Simon & Co. Inc., New York, N. Y. Dress. 101,790; Nov. 3.
- Porter Clyde A., Aurora, Ill. Sink brush. 100,225; June 30.
- Porter, Everett M. (See Kende, G., and Porter.)
- Portong, Ludolf, New York, N. Y. Textile fabric or similar article. 102,002; Nov. 17.
- Posser, Paul B., and G. H. White, Gardner, assignors to Heywood-Wakefield Company, Boston, Mass. Chest. 98,887; Mar. 10.
- Posser, Paul B., and G. H. White, Gardner, assignors to Heywood-Wakefield Company, Boston, Mass. Chest. 98,888; Mar. 10.
- Posser, Paul B., and G. H. White, Gardner, assignors to Heywood-Wakefield Company, Boston, Mass. Chair. 98,889; Mar. 10.
- Postman, Louis, New Rochelle, N. Y. Glove. 99,462; Apr. 28.
- Postman, Louis, New Rochelle, N. Y. Glove. 99,463; Apr. 28.
- Postman, Louis, New Rochelle, N. Y. Glove. 99,464; Apr. 28.
- Postman, Louis, New Rochelle, N. Y. Glove. 99,465; Apr. 28.
- Postman, Louis, New Rochelle, N. Y. Glove. 99,466; Apr. 28.
- Postman, Louis, New Rochelle, N. Y. Glove. 100,388; July 14.
- Postman, Louis, New Rochelle, N. Y. Glove. 100,441; July 14.
- Postman, Louis, New Rochelle, N. Y. Glove. 100,830; Aug. 11.
- Potter, Howard M., Youngstown, Ohio. Flower basket or holder. 101,417; Sept. 29.
- Powdrell & Alexander, Inc. (See Perkins, George H., assignor.)
- Powell, Dwight, assignor to The General Fireproofing Company, Youngstown, Ohio. Chair. 99,725; May 19.
- Powell, Dwight, assignor to The General Fireproofing Company, Youngstown, Ohio. Table. 99,726; May 19.
- Powell, Dwight, assignor to The General Fireproofing Company, Youngstown, Ohio. Swivel chair. 99,727; May 19.
- Powell, Dwight, assignor to The General Fireproofing Company, Youngstown, Ohio. Chair. 99,728; May 19.
- Praet, Irma, Detroit, Mich. Woman's trousered garment. 100,739; Aug. 4.
- Prall, Bert R., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Tire. 98,448; Feb. 4.
- Precision Metal Workers. (See Grunwald, Albert C., assignor.)
- Premier Cone Baking Company. (See Payne, Harold, assignor.)
- Pres-To-Fill Products Company. (See Koeller, Walter P., assignor.)
- Presslaff, Murray. (See Bernstein, I. H., and Presslaff.)
- Prestinari, Eugen, Summit, assignor to Gemex Company, Newark, N. J. Bracelet chain. 99,467; Apr. 28.
- Prestinari, Eugen, assignor to Gemex Company, Newark, N. J. Terminal link of a bracelet chain. 99,630; May 12.
- Pretzfelder, Millard, St. Albans, assignor to Paper Novelty Manufacturing Co., New York, N. Y. Christmas tree ornament. 99,098; Mar. 24.
- Price, David W., New York, N. Y. Dress. 98,364; Jan. 28.
- Price, David W., New York, N. Y. Dress. 98,400; Jan. 28.
- Price, David W., New York, N. Y. Dress. 98,401; Jan. 28.
- Price, David W., New York, N. Y. Dress. 98,544; Feb. 11.
- Price, David W., New York, N. Y. Dress. 101,515; Oct. 6.
- Price, David W., New York, N. Y. Dress. 101,552; Oct. 13.
- Price, David W., New York, N. Y. Dress. 101,553; Oct. 13.
- Price, David W., New York, N. Y. Dress. 101,554; Oct. 13.
- Price, David W., New York, N. Y. Dress. 102,394; Dec. 15.
- Price, David W., New York, N. Y. Dress. 102,503; Dec. 22.
- Price, David W., New York, N. Y. Dress. 102,504; Dec. 22.
- Price, David W., New York, N. Y. Dress. 102,505; Dec. 22.
- Price, David W., New York, N. Y. Dress. 102,506; Dec. 22.
- Price, David W., New York, N. Y. Dress. 102,577; Dec. 29.
- Price, David William, New York, N. Y. Dress. 101,424; Sept. 29.
- Price, James R., assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 98,960; Mar. 17.
- Price, James R., assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 100,878; Aug. 18.
- Prima Manufacturing Company. (See Stanitz, Jacques, assignor.)
- Prince, Herbert, Rochester, N. Y. Tray. 101,007; Aug. 25.
- Prince Matchabelli Perfumery, Inc. (See Baxter, Robert, assignor.)
- Prince Matchabelli Perfumery, Inc. (See Saban, Basil, assignor.)
- Princeton Inc. (See Fleisher, Harry, assignor.)
- Print Textile Corporation. (See Bosehans, Henry, assignor.)
- Proctor & Schwartz, Inc. (See Myers, Joseph W., assignor.)
- Pro-phy-lac-tic Brush Company. (See Maher, Elizabeth M., assignor.)



- Prosperity Company, The. (See Davis, Ernest, assignor.)  
 Prouty, Willis O., Hermosa Beach, assignor to Metlox Manufacturing Company, Manhattan Beach, Calif. Tumbler. 98,614; Feb. 18.  
 Pryale, Harry M., and S. C. Clark, Pontiac, Mich. Football helmet. 100,972; Aug. 25.  
 Puget Sound Navigation Company, The. (See Peabody, Alexander M., assignor.)  
 Pullman-Standard Car Manufacturing Company. (See Adams, E. E., Blomberg, Mussey, and Stout, assignors.)  
 Pumphrey, Marshall C., Los Angeles, Calif., assignor to Barker Bros. Incorporated, Los Angeles, Calif. Radiocabinet. 98,183; Jan. 14.  
 Pumphrey, Marshall C., assignor to Barker Bros. Incorporated, Los Angeles, Calif. Table. 98,365; Jan. 28.  
 Pumphrey, Marshall C., assignor to Barker Bros. Incorporated, Los Angeles, Calif. Chest or similar article. 98,366; Jan. 28.  
 Pumphrey, Marshall C., assignor to Barker Bros. Incorporated, Los Angeles, Calif. Dresser or similar article. 98,367; Jan. 28.  
 Pumphrey, Marshall C., assignor to Barker Bros. Incorporated, Los Angeles, Calif. Chair. 98,545; Feb. 11.  
 Pumphrey, Marshall C., assignor to Barker Bros. Incorporated, Los Angeles, Calif. Sofa or similar article. 98,546; Feb. 11.  
 Pumphrey, Marshall C., assignor to Barker Bros. Incorporated, Los Angeles, Calif. Bedstead. 98,615; Feb. 18.  
 Pumphrey, Marshall C., assignor to Barker Bros. Incorporated, Los Angeles, Calif. Table. 98,890; Mar. 10.  
 Pumphrey, Marshall C., assignor to Barker Bros. Incorporated, Los Angeles, Calif. Bedstead. 99,520; May 5.  
 Putman, Solomon, Newark, N. J. Buckle. 98,368; Jan. 28.  
 Putman, Solomon, Newark, N. J. Buckle. 98,547; Feb. 11.  
 Putman, Solomon, Newark, N. J. Buckle. 98,616; Feb. 18.  
 Putman, Solomon, Newark, N. J. Buckle. 98,691; Feb. 25.  
 Putman, Solomon, Newark, N. J. Buckle. 99,823; May 26.  
 Putman, Solomon, Newark, N. J. Buckle. 99,824; May 26.  
 Putnam, Solomon, Newark, N. J. Buckle. 100,973; Aug. 25.  
 Quaker City Iron Works. (See Ammen, William W., assignor.)  
 Quaker Lace Company. (See Miller, Walter C., assignor.)  
 Quaker Lace Company Inc. (See Hooven, Howard D., Jr., assignor.)  
 Quaker Lace Company, Inc. (See Miller, Walter C., assignor.)  
 Quaker Lace Company Inc. (See Otto, Ferdinand P., assignor.)  
 Quaker Lace Company Inc. (See Waterfield, James, assignor.)  
 Quaker Lace Company Inc. (See Wolf, William, assignor.)  
 Quaker Manufacturing Company. (See Howard, David J., assignor.)  
 Queen City Textile Corporation. (See Winkler, Max W., assignor.)  
 Quincy Stove Manufacturing Company. (See Lange, Henry, assignor.)  
 Quinn, Ada, Ogden, Utah. Apron. 100,226; June 30.  
 Quinn, John E., Philadelphia, Pa. Stocking. 100,004; June 16.  
 RCA Manufacturing Company. (See Shrader, Terry M., assignor.)  
 Radio Corporation of America. (See Shrader, Terry M., assignor.)  
 Radio Corporation of America. (See Smith, Rogers M., assignor.)  
 Radley, Fred T., Oakland, Calif. Combined flowerpot and seed package display rack. 101,139; Sept. 8.  
 Raetsch, Carl, Grunberg, Germany. Combined liquor container cluster and support therefor. 102,003; Nov. 17.  
 Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Locomotive. 98,126; Jan. 7.  
 Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail vehicle. 98,133; Jan. 7.  
 Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rear car of a rail vehicle. 102,600; Dec. 29.  
 Railway Corporation. (See Hain, Harry D., assignor.)  
 Raimer, Margaret S., Danville, Ill. Child's garment. 99,368; Apr. 21.  
 Raimer, Margaret S., Danville, Ill. Child's garment. 99,369; Apr. 21.  
 Rainbault, John P., New York, N. Y., assignor to General Electric Company. Clock case. 101,285; Sept. 22.  
 Rainbault, John P., New York, N. Y., assignor to General Electric Company. Clock case. 101,286; Sept. 22.  
 Rainbault, John P., New York, N. Y., assignor to General Electric Company. Clock case. 101,287; Sept. 22.  
 Rainey, Ernest A., Manchester, N. H., assignor to Diamond Shoe Corporation, Brockton, Mass. Shoe. 98,184; Jan. 14.  
 Rains, Solomon E., New York, N. Y. Handkerchief. 102,114; Nov. 24.  
 Raisin, Jack, Burlingame, Calif. Candy or liquor box. 100,879; Aug. 18.  
 Randall, Arthur F. and G. A., Ostermeyer, Boston, Mass. Violin or similar article. 102,065; Nov. 24.  
 Randall, Arthur O., Miami, Fla., assignor to Randall Holding Corp. Carburetor or similar article. 98,449; Feb. 4.  
 Randall Holding Corp. (See Randall, Arthur O., assignor.)  
 Ransburg, Harper J., Indianapolis, Ind. Combined handle and lid for containers. 101,008; Aug. 25.  
 Rauch, Charles F., St. Louis, Mo. Chair frame or similar article. 100,041; June 16.  
 Rauh, Frederic H., South Orange, assignor to J. Wiss & Sons Co., Newark, N. J. Shears for cutting sheet metal. 101,791; Nov. 3.  
 Rauh, Herbert S., New York, N. Y. Shoe. 100,286; July 7.  
 Rauh, Herbert S., New York, N. Y. Shoe. 100,287; July 7.  
 Reardon, Harvey J., Chicago, Ill. Duplicating machine. 101,505; Oct. 6.  
 Reconstruction Finance Corporation. (See Gaul, John F., Jr., assignor.)  
 Record, Theodore T., Santa Barbara, Calif. Service station restaurant. 99,826; May 26.  
 Redford, Frank A., Horse Cave, Ky. Building. 98,617; Feb. 18.  
 Redman, Herbert L., Forest Hills, N. Y. Handbag or similar article. 100,793; Aug. 11.  
 Redman, William H. (See Hathaway, Allen J., assignor.)  
 Reed & Barton. (See Braun, Carl C., assignor.)  
 Reed & Barton. (See Turner, George L., assignor.)  
 Reed, E. P., & Co. (See Ebling, Walter E., assignor.)  
 Reed, Joel E. (See Orrison, Chester E., assignor.)  
 Reed, Walter C., North Hollywood, Calif. Vacuum cleaner casing. 102,310; Dec. 8.  
 Reel, Ralph M., assignor to The Pharis Tire & Rubber Company, Newark, Ohio. Pneumatic tire casing. 99,605; May 12.  
 Reeves Manufacturing Company, The. (See Rose, Leo W., assignor.)  
 Reeves Manufacturing Company, The. (See Vogan, Frank M., assignor.)  
 Reibold, Walter F., Waterbury, Conn. Christmas tree bell. 101,555; Oct. 13.  
 Reichert, Harry, assignor to Friedberger-Aaron Manufacturing Company, Philadelphia, Pa. Elastic fabric or similar article. 100,880; Aug. 18.  
 Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Razor handle. 98,692; Feb. 25.  
 Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Company. Flashlight or the like. 99,521; May 5.  
 Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Company. Hand mirror or the like. 101,556; Oct. 13.  
 Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Company. Brush or the like. 101,591; Oct. 13.  
 Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Company. Jeweled metal trimming or the like. 102,507; Dec. 22.  
 Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Company. Jeweled metal trimming or the like. 102,508; Dec. 22.  
 Reiman, Paul, New York, N. Y. Textile fabric or similar article. 100,246; June 30.  
 Reiman, Paul, New York, N. Y. Textile fabric or similar article. 100,247; June 30.  
 Reiman, Paul, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 101,970; Nov. 17.  
 Reiman, Paul, assignor to Cohn-Hall-Marx Co., New York, N. Y. Textile fabric or similar article. 102,594; Dec. 29.  
 Reimer, George H., assignor to Patent Novelty Company, Fulton, Ill. Fire lighter. 101,397; Sept. 29.  
 Reiner, Imre, Lugano, Switzerland, assignor to Bauer Type Foundry, Inc., New York, N. Y. Printing type font. 102,093; Nov. 24.  
 Reinhardt, Joseph A. See Schlenker, M., and Reinhardt.)  
 Rekens, Hjalmar, New York, N. Y. Picture frame. 101,484; Oct. 6.  
 Remington Rand Inc. (See Landsiedel, Walter W., assignor.)  
 Remling, Lorraine, Denver, Colo. Article supporting rack. 99,307; Apr. 14.  
 Rentner, Ira, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. 101,680; Oct. 20.  
 Renwick, Frank F., Gidea Park, assignor to Ilford Limited, Ilford, England. Dental X-ray film cassette. 100,389; July 14.  
 Reo Motor Car Company. (See Fitness, Ray J., assignor.)  
 Reom, Harry, Jr., Oakland, Calif. Toy gun. 100,794; Aug. 11.  
 Reom, Harry, Jr., Oakland, Calif. Skein holder. 100,925; Aug. 18.  
 Resek, Marc. (See Adams, W. H., Resek, and Dahlstrom.)  
 Resnick, Julius, Brooklyn, N. Y. Handbag. 101,792; Nov. 3.  
 Ressegger, Lloyd E. (See Allen, G. N., Ressegger, and Gerth.)  
 Ressegger, Lloyd E. (See Allen, G. N., Ressegger, and Kreps.)  
 Rettich, Kurt, assignor to Keeler Brass Company, Grand Rapids, Mich. Drawer pull or similar article. 98,693; Feb. 25.



- Rettich, Kurt, assignor to Keeler Brass Company, Grand Rapids, Mich. Drawer pull or similar article. 98,694; Feb. 25.
- Rettich, Kurt, assignor to Keeler Brass Company, Grand Rapids, Mich. Drawer pull or similar article. 99,046; Mar. 24.
- Revere Copper and Brass Incorporated. (See Farr, Fred D., assignor.)
- Revere Copper and Brass Incorporated. (See Geddes, Norman B., assignor.)
- Revere Copper and Brass Incorporated. (See Zettler, Emil R., assignor.)
- Revson, Joseph, New York, N. Y. Combined bottle and cap therefor. 99,415; Apr. 21.
- Reynolds, Benjamin S., assignor to Burgess Battery Company, Madison, Wis. Communication booth. 101,887; Nov. 10.
- Reynolds, Carl, Jr., assignor to General Motors Corporation, Detroit, Mich. Storage battery case. 99,552; May 5.
- Reynolds, Clyde, Chicago, and B. G. Kucera, assignors of one-half to Joseph Zalusky, Cicero, Ill. Awning frame or similar article. 101,649; Oct. 20.
- Reynolds, Clyde, Chicago, and B. G. Kucera, assignors to J. M. Zalusky, Cicero, Ill. Awning frame or similar article. 101,650; Oct. 20.
- Reynolds Metals Company. (See Sunderhauf, Frederick A., assignor.)
- Reynolds, Milton, Chicago, Ill. Binocular telescope. 98,185; Jan. 14.
- Reynolds, Ralph K., assignor to The Mallory Hat Company, Danbury, Conn. Hat. 98,961; Mar. 17.
- Rheem Manufacturing Company. (See Rheem, Richard S., assignor.)
- Rheem, Richard S., Oakland, Calif., assignor to Rheem Manufacturing Company, Richmond, Calif. Range boiler. 98,186; Jan. 14.
- Rhodes, James A., & Company. (See Heinecke, Walter E., assignor.)
- Ribera, Lucien, New York, N. Y. Clock dial or similar article. 99,587; May 12.
- Ribera, Lucien, New York, N. Y. Clock dial or similar article. 99,588; May 12.
- Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Regulator or similar article. 99,332; Apr. 14.
- Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Tap or similar article. 99,522; May 5.
- Rice, Irving W., assignor to Irving W. Rice & Co., New York, N. Y. Perfume burner lamp. 99,963; June 9.
- Rice, Irving W., & Co. (See Rice, Irving W., assignor.)
- Rice's, Bernard, Sons Incorporated. (See Despres, Joseph A., assignor.)
- Rich, Martin F., Bellaire, Ohio. Bracket for supporting an automobile driving lamp or similar article. 99,047; Mar. 24.
- Richard, Edmond, New York, N. Y. Lace. 101,841; Nov. 3.
- Richardson, Bayard E., and R. W. Willey, Grand Rapids, Mich. Coin controlled phonograph. 98,737; Feb. 25.
- Richardson Company, The. (See Rieser, Oliver O., assignor.)
- Richardson, Robert L., Napa, Calif. Commodity dispenser. 100,042; June 16.
- Richardson, William B., Washington, D. C. Combination pencil and pad holder. 101,066; Sept. 1.
- Richardson, Willis J., Dallas, Tex. Combined wall lighter and thermometer. 101,288; Sept. 22.
- Richheimer, Isaac D., and J. Masin, assignors to Tricolorator Co. Inc., New York, N. Y. Handle for a pot or the like. 98,276; Jan. 21.
- Richmond School Furniture Co. (See Spencer, William F., 3rd., assignor.)
- Richter, Maxwell, New York, N. Y. Dress. 101,096; Sept. 1.
- Richter, Maxwell, New York, N. Y. Dress. 101,398; Sept. 29.
- Rideout, John G. (See Van Doren, H. L., and Rideout.)
- Rideout, John G., Cleveland, assignor to The Wagner Manufacturing Company, Sidney, Ohio. Serving platter. 101,399; Sept. 29.
- Ridewood, Harold E., Victoria, British Columbia, Canada. Combined cigarette holder, ashtray and extinguisher. 99,308; Apr. 14.
- Ridewood, Harold E., Victoria, British Columbia, Canada. Combined cigarette holder, ashtray, and extinguisher. 99,753; May 19.
- Ridewood, Harold E., Victoria, British Columbia, Canada. Combined cigarette holder, ashtray, and extinguisher. 100,043; June 16.
- Ridewood, Harold E., Victoria, British Columbia, Canada. Combined cigarette holder, ashtray, and extinguisher. 101,312; Sept. 22.
- Rieser Company, The. (See Wandel, Kurt, assignor.)
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 98,087; Jan. 7.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 98,088; Jan. 7.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 98,655; Feb. 18.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 98,962; Mar. 17.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 99,523; May 5.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 99,606; May 12.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 101,009; Aug. 25.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 102,004; Nov. 17.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 102,005; Nov. 17.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Battery container. 102,302; Dec. 8.
- Rike, Wilbert A., Neenah, Wis., assignor to Marathon Paper Mills Company, Rothschild, Wis. Paper pail or the like. 99,893; June 2.
- Riley, Thomas H., Chicago, Ill. Combination comb, fingernail file and cleaner. 101,400; Sept. 29.
- Rilling-Arno Company. (See Martin, William, assignor.)
- Ring, Sidney, New York, N. Y. Display hanger or similar article. 100,669; Aug. 4.
- Ringold, Samuel, Los Angeles, Calif. Cake of soap. 101,888; Nov. 10.
- Ripley and Gowen Company. (See Anderson, Edward L., assignor.)
- Rispoli, Nicholas, Cleveland, Ohio. Combined thermometer and perpetual calendar. 102,233; Dec. 1.
- Rittenberg, Arnold S., New Rochelle, N. Y. Clock. 98,089; Jan. 7.
- Ritter, F. A., Co., The. (See Leeber, Nicholas, assignor.)
- Ritter, Saul, New York, N. Y. Link for a watch bracelet. 98,618; Feb. 18.
- Ritter, Saul, New York, N. Y. Link for a watch bracelet. 98,619; Feb. 18.
- Ritter, Saul, New York, N. Y. Watch bracelet. 98,620; Feb. 18.
- Ritter, Saul, New York, N. Y. Link for a watch bracelet. 98,621; Feb. 18.
- Ritter, Saul, New York, N. Y. Watch bracelet. 98,622; Feb. 18.
- Ritter, Saul, New York, N. Y. Watch bracelet. 98,623; Feb. 18.
- Ritter, Saul, New York, N. Y. Watch bracelet. 101,713; Oct. 27.
- Ritz-Woller, Oliver C., Chicago, Ill. Lens for motor vehicle lamps. 98,624; Feb. 18.
- Ritz-Woller, Oliver C., Chicago, Ill. Combined truck mirror and support therefor. 98,695; Feb. 25.
- Ritzenthaler, John C. O., Montclair, N. J. Display container or similar article. 102,006; Nov. 17.
- Rival Manufacturing Company. (See Majewski, Joseph M., Jr., assignor.)
- Rix, Edward G., assignor to American Perforator Company, Chicago, Ill. Casing for a perforating apparatus. 101,889; Nov. 10.
- Roach, Jesse E., New York, N. Y., assignor to The 5¢ Cup Inc., Edgewater, N. J. Display stand. 100,288; July 7.
- Roach, Jesse E., New York, N. Y., assignor to The 5¢ Cup Inc. of New Jersey, Edgewater, N. J. Price display tag. 101,651; Oct. 20.
- Robbins, Harold S. (See Norwood, H. Y., and Robbins, assignors.)
- Roberson, Willard D., assignor to M. D. Kornfeld, New York, N. Y. Textile fabric or similar article. 102,395; Dec. 15.
- Roberson, Willard D., assignor to M. D. Kornfeld, New York, N. Y. Textile fabric or similar article. 102,396; Dec. 15.
- Roberson, Willard D., assignor to M. D. Kornfeld, New York, N. Y. Textile fabric or similar article. 102,471; Dec. 22.
- Roberson, Willard D., assignor to M. D. Kornfeld, New York, N. Y. Textile fabric or similar article. 102,595; Dec. 29.
- Robertson, H. H., Company. (See Wiesmann, Joseph W., assignor.)
- Robertson, Ian M., Chicago, Ill. Feed bowl for domestic animals. 101,140; Sept. 8.
- Robinson, Grace C., assignor to Mary Chess Inc., New York, N. Y. Bottle. 99,650; May 12.
- Robinson, Henry M., Middlebush, N. J. Kitchen Utensil cabinet. 101,822; Nov. 3.
- Robinson, Joseph, New York, N. Y. Combined container cup and sleeve for electrical vaporizer. 99,729; May 19.
- Robison, Merritt D., Jr., Burlingame, Calif. Scraper. 100,390; July 14.
- Robot-Hand Corporation. (See Osuch, Francis J., assignor.)
- Rochester Manufacturing Co. (See Mulcahy, W. M., and Ford, assignors.)
- Ročić, Ivan, New York, N. Y. Combination commode and musical instrument cabinet. 101,089; Sept. 1.
- Rockola, David C., Chicago, Ill. Bar cabinet. 100,124; June 23.
- Rockola, David C., Chicago, Ill. Parking meter. 101,067; Sept. 1.



- Rockola, David C., Chicago, Ill. Parking meter. 101,068; Sept. 1.
- Rockola, David C., Chicago, Ill. Amusement game apparatus. 101,401; Sept. 29.
- Rockola, David C., Chicago, Ill. Marksmanship practicing apparatus. 101,744; Oct. 27.
- Rockola, David C., Chicago, Ill. Phonograph cabinet. 102,194; Dec. 1.
- Rodman, Hazel P., assignor to The Alliance Porcelain Products Company, Alliance, Ohio. Combined washing machine and wringer. 102,445; Dec. 22.
- Roe, Mayo E., Elyria, and W. H. Adams, Cleveland, assignors to The Colson Corporation, Elyria, Ohio. Invalid chair. 100,248; June 30.
- Roe, Mayo E., Elyria, and W. H. Adams, Cleveland, assignors to The Colson Corporation, Elyria, Ohio. Velocipede. 100,289; July 7.
- Roe, Mayo E., Elyria, and W. H. Adams, Cleveland, assignors to The Colson Corporation, Elyria, Ohio. Velocipede. 100,290; July 7.
- Roe, Mayo E., Elyria, and W. H. Adams, Cleveland, assignors to The Colson Corporation, Elyria, Ohio. Bicycle name plate. 100,291; July 7.
- Roe, Mayo E., Elyria, and W. H. Adams, Cleveland, assignors to The Colson Corporation, Elyria, Ohio. Velocipede. 100,292; July 7.
- Roe, Mayo E., Elyria, and W. H. Adams, Cleveland, Ohio. Bicycle. 102,397; Dec. 15.
- Roe, Mayo E., Elyria, and W. H. Adams, Cleveland, Ohio. Bicycle frame. 102,398; Dec. 15.
- Roemer, Frank T. J., Fort Wayne, Ind. Infant's play pad. 99,964; June 9.
- Rogers, Charles J., assignor to Crown Stove Works, Cicero, Ill. Stove. 99,048; Mar. 24.
- Rogers, John C., assignor to Crown Stove Works, Cicero, Ill. Range. 101,714; Oct. 27.
- Rogers, John C., assignor to Crown Stove Works, Cicero, Ill. Range. 101,715; Oct. 27.
- Rogers, John C., Oak Park, Ill., assignor to Crown Stove Works, Cicero, Ill. Stove. 102,066; Nov. 24.
- Rogers, Walter, Bay Shore, N. Y. Fruit holder or similar article. 98,696; Feb. 25.
- Rola Company, The. (See Engholm, Bernard A., assignor.)
- Rolfs, Robert H., and W. H. Weaver, assignors to Amity Leather Products Co., West Bend, Wis. Billfold. 99,215; Apr. 7.
- Rollinson, William H., New York, N. Y. Pile fabric. 102,120; Nov. 24.
- Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Glass globe. 101,557; Oct. 13.
- Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Glass globe. 101,603; Oct. 13.
- Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Glass globe. 101,823; Nov. 3.
- Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Glass globe. 101,824; Nov. 3.
- Rolscreen Company. (See Kuyper, Peter H., assignor.)
- Romer, Charles J., New York, N. Y. Combination corsage handkerchief and perfume container. 101,923; Nov. 10.
- Rominger, Velma E., Salem, Oreg. Tooth brush. 100,125; June 23.
- Roper, Geo. D., Corporation. (See Larson, Swan E., assignor.)
- Rose, Albert E. B., London, England. Toy animal. 102,290; Dec. 8.
- Rose, Anthony A., Oakland, assignor to Hamilton Display Case Mfg. Co. Inc., Los Angeles, Calif. Display case. 101,402; Sept. 29.
- Rose, Leo W., assignor to The Reeves Manufacturing Company, Dover, Ohio. Panel. 101,558; Oct. 13.
- Rose, William, New York, N. Y. Textile fabric. 99,665; May 12.
- Roseman, David S., New York, N. Y. Bolero sweater ensemble. 100,451; July 14.
- Rosen, Ann, New York, N. Y. Sandal. 102,195; Dec. 1.
- Rosen, Harold, et al. (See Silverstein, Raymond, assignor.)
- Rosen, M. Joseph, New York, N. Y. Handkerchief. 101,425; Sept. 29.
- Rosenau Bros. (See Hubert, Renè, assignor.)
- Rosenau Bros Inc. (See Mullen, Mary, assignor.)
- Rosenberg, Arthur, assignor to Daniels Hats, Inc., New York, N. Y. Store front. 98,780; Mar. 3.
- Rosenberg, Gilbert, New York, N. Y. Dress. 101,681; Oct. 20.
- Rosenberg, Gilbert, New York, N. Y. Dress. 101,682; Oct. 20.
- Rosenblatt, Samuel, New York, N. Y. Coat or similar article. 101,683; Oct. 20.
- Rosenfeld, Lawrence, New York, N. Y. Lamp. 99,524; May 5.
- Rosengren, Herbert, Rockford, Ill., assignor to Intertype Corporation, Brooklyn, N. Y. Casing for a typographical machine. 100,831; Aug. 11.
- Rosenow Company. (See Houser, Alfred C., assignor.)
- Rosenthal Cuina Corporation, The. (See Bayreuther, Karl, assignor.)
- Rosenthal, David, New York, N. Y. Dress. 101,426; Sept. 29.
- Rosenthal, David, New York, N. Y. Dress. 101,427; Sept. 29.
- Rosenthal, David, New York, N. Y. Dress. 101,428; Sept. 29.
- Rosenthal, David, New York, N. Y. Dress. 101,429; Sept. 29.
- Rosenthal, David, New York, N. Y. Dress. 101,430; Sept. 29.
- Rosenthal, David, New York, N. Y. Dress. 101,516; Oct. 6.
- Rosenthal, David, New York, N. Y. Dress. 101,600; Oct. 13.
- Rosenthal, David, New York, N. Y. Dress. 101,601; Oct. 13.
- Rosenthal, David, New York, N. Y. Dress. 101,793; Nov. 3.
- Rosenthal, Henry B., Boston, Mass. Shoe or similar article. 99,049; Mar. 24.
- Rosenthal, Justin J., Baltimore, Md. Shoe. 98,188; Jan. 14.
- Rosenthal, Murray J., Lynn, Mass. Shoe. 102,147; Dec. 1.
- Rosenthal, William, assignor to Maiden Form Brassiere Company, Inc., New York, N. Y. Brassiere. 98,090; Jan. 7.
- Rosenthal, William, assignor to Maiden Form Brassiere Company, Inc., New York, N. Y. Brassiere. 98,187; Jan. 14.
- Rosenthal, William, assignor to Maiden Form Brassiere Company, Inc., New York, N. Y. Brassiere. 98,963; Mar. 17.
- Ross, Inc., Will. (See Wellman, Lester R., assignor.)
- Ross, Maurice W., Niles Center, and E. D. Tillson, Evanston, Ill. Lighting fixture. 99,754; May 19.
- Ross, Ray, St. Louis, Mo. Necktie. 102,037; Nov. 24.
- Rossman, Earl, assignor to Novelview, Inc., New York, N. Y. Stereoscopic viewer. 98,625; Feb. 18.
- Rossman, Earl, assignor to Magic Screen Inc., New York, N. Y. A stereoscope. 101,069; Sept. 1.
- Rotary Patented Displays, Inc. (See Thorstensen, Charles H., assignor.)
- Roth, Albert, New York, N. Y. Textile fabric or similar article. 101,174; Sept. 8.
- Roth, Albert, New York, N. Y. Textile fabric or similar article. 101,175; Sept. 8.
- Roth, Albert, New York, N. Y. Textile fabric or similar article. 101,176; Sept. 8.
- Roth, Albert, New York, N. Y. Textile fabric or similar article. 101,177; Sept. 8.
- Roth, Albert, New York, N. Y. Textile fabric or similar article. 101,178; Sept. 8.
- Rothenberg, Charles, New York, N. Y. Hat. 101,506; Oct. 6.
- Rothenberg, Harry, Norwood, N. J., and L. C. Grimsley, Jackson Heights, N. Y. Flashlight. 102,446; Dec. 22.
- Rothrock, Harry J. (See Ovenden, Ralph D., assignor.)
- Round Oak Furnace Company. (See Pellegrin, Elmer D., assignor.)
- Rowland, Marshall, Dallas, Tex. Commemorative emblem. 99,257; Apr. 14.
- Rowse, Arthur E., Lexington, Mass. Bottle or similar container. 99,333; Apr. 14.
- Rubin, Milton H., New York, N. Y. Textile fabric. 100,456; July 14.
- Rubin, Milton H., New York, N. Y. Textile fabric. 100,457; July 14.
- Rubin, Milton H., New York, N. Y. Textile fabric. 101,403; Sept. 29.
- Rudner, Harry J., Little Falls, N. Y. Shoe or article of analogous nature. 100,716; Aug. 4.
- Rummler, Burke, Los Angeles, Calif. Tray. 101,794; Nov. 3.
- Runstein, Aaron, Jersey City, N. J. Shoe. 100,581; July 28.
- Runyan, William B., assignor to The Dayton Malleable Iron Company, Dayton, Ohio. Jack. 99,894; June 2.
- Ruppel, Frederick C. (See McCormick, F. W., and Ruppel.)
- Ruppel, Frederick C., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Door handle or analogous article. 99,309; Apr. 14.
- Ruppel, Frederick C., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Door handle or analogous article. 99,310; Apr. 14.
- Ruska, Leslie C., Cicero, Ill. Radio cabinet. 100,832; Aug. 11.
- Ruska, Leslie C., Cicero, Ill. Radio cabinet. 100,833; Aug. 11.
- Ruska, Leslie C., Cicero, Ill. Radio cabinet. 100,834; Aug. 11.
- Ruska, Leslie C., Cicero, Ill. Radio cabinet. 100,835; Aug. 11.
- Russell, William J., Flushing, N. Y. Radiator cap or similar article. 100,503; July 21.
- Rustad, Louis L., Glencoe, Ill., assignor to Telumigraph Company, Minneapolis, Minn. Composite character sign. 101,243; Sept. 15.
- Rutz, Frank, Rochester, N. Y. Chalk holder. 102,347; Dec. 15.
- Ryle, Robert W., assignor to Le Bas, Inc., New York, N. Y. Store. 101,745; Oct. 27.
- Rymer, Bradford, assignor to Dixie Foundry Company, Inc., Cleveland, Tenn. Circulating heater. 100,293; July 7.
- Saban, Basil, assignor to Prince Matchabell Perfumery, Inc., New York, N. Y. Dusting powder container. 100,795; Aug. 11.



- Sacheroff, Maurice, East Cleveland, Ohio. Deflector for infant's toilet seats. 102,578; Dec. 29.
- Sachs, Charles M., assignor to Maiden Form Brassiere Company, Inc., New York, N. Y. Brassiere. 99,895; June 2.
- Sachs, Morris, assignor to Hickok Manufacturing Company, Rochester, N. Y. Strap for belts for personal wear or similar article. 98,891; Mar. 10.
- Sachs, Morris, assignor to Hickok Manufacturing Company, Rochester, N. Y. Strap for belts for personal wear or similar article. 99,416; Apr. 21.
- Sadinoff, Max, New York, N. Y. Window drape or similar article. 99,965; June 9.
- Sadinoff, Max, New York, N. Y. Mesh fabric for a curtain or similar article. 100,044; June 16.
- Sadinoff, Max, New York, N. Y. Mesh fabric for a curtain or similar article. 100,045; June 16.
- Sadinoff, Max, New York, N. Y. Mesh fabric for a curtain or similar article. 100,046; June 16.
- Sadinoff, Max, New York, N. Y. Mesh fabric for a curtain or similar article. 101,257; Sept. 15.
- Safeguard, Inc. (See Hunter, John P., assignor.)
- Sagamor Metal Goods Corporation. (See Sundin, Theodore, assignor.)
- Sagamor Steel Goods Corporation. (See Sundin, Theodore, assignor.)
- Sager, Abraham, Chicago, Ill. Finger ring. 99,311; Apr. 14.
- Sagues, Edmond, Woodhaven, N. Y. Shoe or similar article. 99,371; Apr. 21.
- Sahyun, Melville, Detroit, Mich. Closure for collapsible tubes or the like. 99,966; June 9.
- St. Louis Pencil Company. (See Britton, Edward J., assignor.)
- Sakier, George, assignor to The Accessories Company, Inc., New York, N. Y. Shower panel for bathtubs. 102,447; Dec. 22.
- Salkin, Solomon R. (See Hansen, H. A., and Salkin.)
- Salomon, Irving, Chicago, Ill. Chair. 101,404; Sept. 29.
- Salter, Vaughn T., Ferndale, assignor to Traub Manufacturing Company, Detroit, Mich. Wedding ring. 99,681; May 19.
- Salvage, Louis H., Shoe Co. Incorporated. (See Ochs, Frederick W., assignor.)
- Salyards, William E., Jr., Highland Park, assignor to Crowe Name Plate & Manufacturing Co., Chicago, Ill. Radio dial escutcheon plate. 101,890; Nov. 10.
- Salzberg, Benjamin, New York, N. Y. Decorative nail. 101,716; Oct. 27.
- Salzberg, Benjamin, New York, N. Y. Decorative nail. 101,717; Oct. 27.
- Salzberg, Benjamin, New York, N. Y. Decorative nail. 101,718; Oct. 27.
- Sam-Mor Hat Co. (See Taien, Morris, assignor.)
- Samson-United Corporation. (See Samuels, Abe O., assignor.)
- Samstag, Louis A., New York, N. Y. Lip stick holder. 99,216; Apr. 7.
- Samstag, Louis A., New York, N. Y. Vanity case. 101,472; Oct. 6.
- Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Display table. 98,964; Mar. 17.
- Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Electric vibrator. 100,391; July 14.
- Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Flatiron. 102,448; Dec. 22.
- Samuels, Julian G., St. Louis, Mo. Ornament for a shoe or other article of wearing apparel. 100,294; July 7.
- Samuels, Julian G., St. Louis, Mo. Shoe or article of analogous nature. 100,670; Aug. 4.
- Samuels, Julian G., St. Louis, Mo. Shoe or article of analogous nature. 100,671; Aug. 4.
- Samuels, Julian G., St. Louis, Mo. Shoe or article of analogous nature. 100,672; Aug. 4.
- Samuels, Julian G., St. Louis, Mo. Shoe or article of analogous nature. 100,673; Aug. 4.
- Samuels, Julian G., St. Louis, Mo. Shoe or article of analogous nature. 100,674; Aug. 4.
- Samuels, Julian G., St. Louis, Mo. Shoe or article of analogous nature. 100,675; Aug. 4.
- Samuels, Julian G., St. Louis, Mo. Shoe or article of analogous nature. 101,289; Sept. 22.
- Samuels, Julian G., St. Louis, Mo. Shoe or article of analogous nature. 102,449; Dec. 22.
- Samuels, Julian G., St. Louis, Mo. Shoe or article of analogous nature. 102,450; Dec. 22.
- Samuels, Theodore, St. Louis, Mo. Shoe. 100,337; July 7.
- Samuels, Theodore R., St. Louis, Mo. Ornament for a shoe or other article of wearing apparel. 100,881; Aug. 18.
- Samuels, Theodore, St. Louis, Mo. Shoe. 102,234; Dec. 1.
- Samuels, Theodore, St. Louis, Mo. Shoe. 102,235; Dec. 1.
- Samuels, Theodore, St. Louis, Mo. Shoe. 102,236; Dec. 1.
- Samuels, Theodore, St. Louis, Mo. Shoe. 102,237; Dec. 1.
- Samuels, Theodore, St. Louis, Mo. Shoe. 102,238; Dec. 1.
- Samuels, Theodore, St. Louis, Mo. Shoe. 102,239; Dec. 1.
- Samuels, Theodore, St. Louis, Mo. Shoe. 102,335; Dec. 15.
- Samuels, Theodore, St. Louis, Mo. Shoe. 102,336; Dec. 15.
- Samuels, Theodore, St. Louis, Mo. Shoe. 102,472; Dec. 22.
- Samuels, Theodore, St. Louis, Mo. Shoe. 102,579; Dec. 29.
- Samuels, Theodore, St. Louis, Mo. Shoe. 102,580; Dec. 29.
- Sandberg, Alvie E., University City, Mo. Basketball goal. 101,090; Sept. 1.
- Sandhaus, Samuel, New York, N. Y. Coat. 102,094; Nov. 24.
- Sandstone, Harvey D., Portland, Oreg. Electrotherapeutic massage device. 101,652; Oct. 20.
- Sandura Company. (See Millholland, James H., assignor.)
- Sanfilippo, Anthony, San Francisco, Calif. Wine barrel stand. 101,141; Sept. 8.
- Sanford, James F., Colorado Springs, Colo. Advertising card. 101,313; Sept. 22.
- Sansby, Joseph M., St. Paul, Minn. Bottle. 99,763; May 19.
- Sapp, Lee B., Lexington, Ky. Signboard or similar article. 102,337; Dec. 15.
- Sargent, E. H., & Co. (See Sherrick, Paul H., assignor.)
- Sato, Takeo Y., Cambridge, Mass. Fish lure. 101,244; Sept. 15.
- Sauer, Albert H., Jr., Cincinnati, Ohio. Wrist watch strap. 98,189; Jan. 14.
- Sauer, Albert H., Jr., Cincinnati, Ohio. Wrist watch strap. 100,796; Aug. 11.
- Saugues, Edmond, Woodhaven, N. Y. Shoe or similar article. 99,370; Apr. 21.
- Sausser, Earl T. (See Huseby, Herman O., assignor.)
- Saxton, William E. (See Gleason, D. T., and Saxton.)
- Saxton, William E. (See Stempel, L. M., and Saxton.)
- Scaman, Samuel A., Berwyn, Ill. Dish. 99,827; May 26.
- Schaad, Theodore A., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Casing for vacuum cleaners. 99,050; Mar. 24.
- Schaad, Theodore A., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Casing for vacuum cleaners. 99,051; Mar. 24.
- Schaefer, F. & M., Brewing Co. (See Schaefer, Rudolph J., assignor.)
- Schaefer, Rudolph J., Larchmont, assignor to The F. & M. Schaefer Brewing Co., Brooklyn, N. Y. Can or similar container for beverages. 102,451; Dec. 22.
- Schaffer, Jacob I., New York, N. Y. Buckle. 100,926; Aug. 18.
- Schaffer, Jacob I., New York, N. Y. Buckle. 102,038; Nov. 24.
- Schaffer, Jacob I., New York, N. Y. Buckle. 102,039; Nov. 24.
- Schaffer, Jacob I., New York, N. Y. Buckle. 102,040; Nov. 24.
- Schaller, Otto P., Cranston, R. I. Key holder. 99,418; Apr. 21.
- Scharfenberg, George T., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric food mixer or similar article. 102,148; Dec. 1.
- Schecter, Alice, New York, N. Y. Shoe. 98,892; Mar. 10.
- Schecter, Alice, New York, N. Y. Shoe. 98,893; Mar. 10.
- Schecter, Alice, New York, N. Y. Shoe. 100,295; July 7.
- Schecter, Alice, New York, N. Y. Shoe. 100,296; July 7.
- Scheff, Frederick, New York, N. Y. Game board. 100,582; June 28.
- Scheibell, Gordon B., Millburn, N. J. Camera. 98,369; Jan. 28.
- Schelter Last Co. Inc. (See Mutch, James B., assignor.)
- Schenk, Rudolph S., East Orange, N. J., assignor to The Sun Tube Corporation, Hillside, N. J. Cap for collapsible tubes. 100,583; July 28.
- Schenley Products Company. (See Du Pree, Ernest L., Jr., assignor.)
- Scherff, Marian H., Ridgewood, N. J. Child's Bonnet. 101,010; Aug. 25.
- Scheuer, Samuel, New York, N. Y. Hat. 98,814; Mar. 3.
- Schiaparelli, Elsa, assignor to Societe Anonyme Schiaparelli, Paris, France. Bottle. 102,172; Dec. 1.
- Schick, Jacob, Stamford, Conn. Handle for dry shavers. 98,548; Feb. 11.
- Schicker, Oscar F., Teaneck, N. J. Lace. 99,250; Apr. 7.
- Schiller, Hyman, New York, N. Y. Suspender. 98,738; Feb. 25.
- Schiller, Hyman, New York, N. Y. Combined multiple display receptacle and individual article container. 99,419; Apr. 21.
- Schlafman, Clifford J., Merchantville, N. J. Metal shingle. 102,452; Dec. 22.
- Schlenker, Max, La Salle, assignor to Western Clock Company, Peru, Ill. Combination traveling and desk clock. 100,297; July 7.
- Schlenker, Max, La Salle, assignor to Western Clock Company, Peru, Ill. Clock case. 100,478; July 21.
- Schlenker, Max, La Salle, assignor to Western Clock Company, Peru, Ill. Clock case. 101,070; Sept. 1.
- Schlenker, Max, La Salle, and J. A. Reinhardt, Peru, Ill., assignors to General Time Instruments Corporation, New York, N. Y. Clock casing. 102,581; Dec. 29.
- Schlesinger, Samuel, New York, N. Y. Shoe. 98,781; Mar. 3.
- Schlesinger, Samuel, New York, N. Y. Shoe. 99,139; Mar. 24.
- Schlesinger, Samuel, New York, N. Y. Shoe. 99,372; Apr. 21.



- Schmelzer, Anton C., Cleveland, Ohio. Centrifugal drier. 100,584; July 28.
- Schmid, Albert P. (See Kranz, P., and Schmid.)
- Schmid, Werner, White Plains, assignor to Cohn-Hall-Marx Co., New York, N. Y. Textile fabric or similar article. 102,312; Dec. 8.
- Schmidt, Bernhard. (See Fehn, J., and Schmidt.)
- Schmitt, Frederick J., assignor to Michigan Maple Block Company, Petoskey, Mich. Butcher block. 102,453; Dec. 22.
- Schmitt, William H., St. Paul, Minn. Hair curler. 99,563; May 5.
- Schnefel Brothers, Inc. (See Schnefel, Maximilian, assignor.)
- Schnefel, Maximilian, East Orange, assignor to Schnefel Brothers, Inc., Newark, N. J. Nail file. 100,797; Aug. 11.
- Schneider, Louis, New York, N. Y. Coat. 99,140; Mar. 31.
- Schneider, Louis, New York, N. Y. Lady's coat. 101,186; Sept. 8.
- Schneider, Louis, New York, N. Y. Coat. 101,891; Nov. 10.
- Schneider, Max S., Chicago, Ill. Automobile. 101,405; Sept. 29.
- Schneider, Morris, New York, N. Y. Serving glass for ice cream sodas or the like. 101,290; Sept. 22.
- Schnittman, Pauline, New York, N. Y. Robe. 101,795; Nov. 3.
- Schnittman, Pauline, New York, N. Y. Robe. 101,842; Nov. 3.
- Schnittman, Pauline, New York, N. Y. Robe. 101,843; Nov. 3.
- Scholes, Howard S., Barrington, assignor to J. J. White Manfg. Co., Providence, R. I. Jewelry display box. 99,217; Apr. 7.
- Scholl, Harry S., assignor to F. H. Hill Company, Inc., Cleveland, Ohio. Casket. 99,730; May 19.
- Scholnick Shoe Co. (See Atkins, Thomas R., assignor.)
- Schor, Joseph, San Francisco, and J. R. Skoverski, Oakland, Calif. Tube holding and dispensing device. 99,828; May 26.
- Schrader, Julian E., New York, N. Y. Umbrella. 101,291; Sept. 22.
- Schreckengost, Viktor, assignor to The Limoges China Company, Sebring, Ohio. Plate or similar article. 99,052; Mar. 31.
- Schridde, Helen L., Philadelphia, Pa. Paper file. 99,525; May 5.
- Schu, Matt, Chicago, Ill., assignor to Daval Manufacturing Company. Combined game apparatus and vending machine. 100,717; Aug. 4.
- Schuelke, Emil A., assignor to The Napier Company, Meriden, Conn. Cocktail shaker or similar article. 101,559; Oct. 13.
- Schuhmann, Richard L., assignor to American Duplex Co., Louisville, Ky. Coffee mill. 98,965; Mar. 17.
- Schulte, Walter B., Madison, Wis., assignor to C. F. Burgess Laboratories, Inc., Chicago, Ill. Portable battery light for refrigerator cabinets or the like. 101,406; Sept. 29.
- Schultz, Edward, assignor to The Nagel-Chase Mfg. Co., Chicago, Ill. Smoking stand. 98,402; Jan. 28.
- Schultz, Edward, assignor to The Nagel-Chase Mfg. Co., Chicago, Ill. Smoking stand. 98,403; Jan. 28.
- Schultz, Edward, assignor to The Nagel-Chase Mfg. Co., Chicago, Ill. Smoking stand. 100,047; June 16.
- Schultz, Edward, assignor to The Nagel-Chase Mfg. Co., Chicago, Ill. Smoking stand. 100,048; June 16.
- Schultz, Edward, assignor to The Nagel-Chase Mfg. Co., Chicago, Ill. Smoking stand. 100,049; June 16.
- Schurlock, Lewis H., Chicago, Ill. Bottle. 101,011; Aug. 25.
- Schuster, Otto, Prospect, assignor to The Beardsley & Wolcott Manufacturing Company, Waterbury, Conn. Upholstery nail. 101,971; Nov. 17.
- Schuster, Otto, Prospect, assignor to The Beardsley & Wolcott Manufacturing Company, Waterbury, Conn. Upholstery nail. 101,972; Nov. 17.
- Schuster, Otto, Prospect, assignor to The Beardsley & Wolcott Manufacturing Company, Waterbury, Conn. Upholstery nail. 101,973; Nov. 17.
- Schwab, David E., New York, N. Y. Combined bracelet and handkerchief. 102,338; Dec. 15.
- Schwab, Isaac M., Savannah, Ga. Eyeglass frame. 102,240; Dec. 1.
- Schwarber, Henry, Weehawken, N. J. Embroidered lace edging. 100,505; July 21.
- Schwarber, Henry, Weehawken, N. J. Embroidered lace edging. 100,506; July 21.
- Schwarber, Henry, Weehawken, N. J. Embroidered lace edging. 100,507; July 21.
- Schwarber, Henry, Weehawken, N. J. Embroidered lace edging. 100,798; Aug. 11.
- Schwarber, Henry, Weehawken, N. J. Embroidered lace edging. 100,799; Aug. 11.
- Schwarber, Henry, Weehawken, N. J. Embroidered lace edging. 100,800; Aug. 11.
- Schwartz, Benjamin D., Brooklyn, N. Y. Shoe. 98,091; Jan. 7.
- Schwartz, Emil, New York, N. Y. Ensemble dress. 98,117; Jan. 7.
- Schwartz, Emil, New York, N. Y. Ensemble dress. 98,118; Jan. 7.
- Schwartz, Emil, New York, N. Y. Ensemble dress. 98,277; Jan. 21.
- Schwartz, Harold M., New York, N. Y. Combined table and cooking grill. 99,666; May 12.
- Schwartz, Peter S., assignor to Du Barry Fabrics Corp., New York, N. Y. Textile fabric or similar article. 102,516; Dec. 29.
- Scott Paper Company. (See Corbin, Wesley S., assignor.)
- Scott, William W., assignor to Federal Electric Company, Inc., Chicago, Ill. Combined lamp and siren. 100,504; July 21.
- Scovill Manufacturing Company. (See Barrett, Colin D., assignor.)
- Scovill Manufacturing Company. (See Clemmons, Herbert D., assignor.)
- Scovill Manufacturing Company. (See Hyde, Burdon P., assignor.)
- Scovill Manufacturing Company. (See Spender, Donald L., assignor.)
- Scovill Manufacturing Company. (See Tompkins, Emerson H., assignor.)
- Scovill Manufacturing Company. (See Westfall, W. R., and Spender, assignors.)
- Scroggins, Major H. (See Julius, J. E., and Scroggins.)
- Scull, William S., Company. (See Thompson, Charles P., assignor.)
- Scurlock, Lewis H., Chicago, Ill. Storage cabinet. 99,607; May 12.
- Scurlock, Lewis H., Chicago, Ill. Food container unit. 99,608; May 12.
- Scurlock, Lewis H., Chicago, Ill. Food container. 99,682; May 19.
- Scurlock, Lewis H., Chicago, Ill. Glass food container or similar article. 100,126; June 23.
- Seaborn, Frederic B., Berkeley, Calif. Radio cabinet or similar article. 101,142; Sept. 8.
- Seagram, Joseph S., & Sons, Inc. (See Guyer, William, assignor.)
- Sears, Roebuck and Co. (See Blu, Marshall A., assignor.)
- Sears, Roebuck and Co. (See Morgan, John R., assignor.)
- Seaver, Vinola, Beloit, Wis. Musical instrument. 98,370; Jan. 28.
- Sebastian, Ora R., Shreveport, La. Compact. 101,560; Oct. 13.
- Sebek, Albert, Cicero, Ill. Automobile radiator cap ornament. 102,007; Nov. 17.
- Sebek, Albert, Cicero, Ill. Automobile radiator cap ornament. 102,067; Nov. 24.
- Seeburg, Noel M., Chicago, Ill., W. N. Woodruff, and J. A. Shelley, Houston, Tex. Parking meter. 99,553; May 5.
- Sely, John M., near New Carlisle, Ohio, assignor to The Champion Company, Springfield, Ohio. Burial vault. 99,373; Apr. 21.
- Seibert, Luther B., Greensburg, and N. N. Williams, Pittsburgh, Pa. Grave marker. 102,517; Dec. 29.
- Seibert, Luther B., Greensburg, and N. N. Williams, Pittsburgh, Pa. Grave marker. 102,518; Dec. 29.
- Seiden, Elmer J., Jackson, Mich. Pneumatic hammer. 101,796; Nov. 3.
- Selby Shoe Company, The. (See Benton, Wallace H., assignor.)
- Selby Shoe Co. (See Levin, David, assignor.)
- Selby Shoe Co. (See Vamos, Alfred, assignor.)
- Selje, Frederick A. (See Bessonett, L. S., McKim, and Selje.)
- Sellers, G. I., and Sons Company. (See Conwell, William J., assignor.)
- Seltzer, Samuel L., Chicago, Ill. Egg carton. 101,892; Nov. 10.
- Seneca Glass Company. (See Piper, Kenneth T., assignor.)
- Sénégas, Jean, New York, N. Y. Cap. 100,740; Aug. 4.
- Sengbusch, Gustav J., Milwaukee, Wis. Base for a desk set or the like. 101,974; Nov. 17.
- Servel, Inc. (See Peltier, Frank D., assignor.)
- Service Patents Corporation. (See Chernow, Michael, assignor.)
- Shaffer, John W., & Company. (See Shaffer, J. W., and Phillips, assignors.)
- Shaffer, John W., and R. T. Phillips, Minneapolis, Minn., assignors to John W. Shaffer & Company. Traffic button. 100,741; Aug. 4.
- Shaffer, John W., and R. T. Phillips, Minneapolis, Minn., assignors to John W. Shaffer & Company. Traffic button. 100,974; Aug. 25.
- Shaffer, John W., and R. T. Phillips, Minneapolis, Minn., assignors to John W. Shaffer & Company. Traffic button. 101,561; Oct. 13.
- Shaffer, John W., and R. T. Phillips, Minneapolis, Minn., assignor to John W. Shaffer & Company. Traffic button. 101,797; Nov. 3.
- Shaffer, Miriam N., Cleveland, Ohio. Child's garment. 100,927; Aug. 18.
- Shaffer, Adolph F., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Fly swatter. 99,141; Mar. 31.
- Shaffer, Adolph F., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Handle for a fly swatter or similar article. 99,312; Apr. 14.
- Shaffer, Adolph F., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Handle for a fly swatter or similar article. 99,313; Apr. 14.
- Shank, Edwin A., New Rochelle, N. Y. Display casing or similar article of manufacture. 98,966; Mar. 17.
- Shank, Edwin A., New Rochelle, N. Y. Display stand or similar article of manufacture. 101,143; Sept. 8.
- Shank, Edwin A., New Rochelle, N. Y. Display stand or similar article of manufacture. 101,562; Oct. 13.



- Shannahan, Eleanor, Easton, Md. Doll or similar article. 99,468; Apr. 28.
- Shannahan, Eleanor, Easton, Md. Doll or similar article. 100,801; Aug. 11.
- Shanzer, Max, New York, N. Y. Slipper. 100,127; June 23.
- Shapiro, Herbert, Newton, assignor to Colonial Shoe Makers Inc., Boston, Mass. Shoe. 99,829; May 26.
- Shapiro, Herbert, Newton, assignor to Colonial Shoe Makers Inc., Boston, Mass. Shoe. 99,830; May 26.
- Shapiro, Isaac, et al. (See Balton, James, assignor.)
- Shapiro, Joseph, et al. (See Balton, James, assignor.)
- Shapiro, Morris, Los Angeles, Calif. Jacket or similar article. 98,905; Mar. 10.
- Shapiro, Nathan, et al. (See Balton, James, assignor.)
- Shapiro, Samuel, et al. (See Balton, James, assignor.)
- Sharp, Fred C., St. Paul, Minn. Motorcycle side car body. 99,831; May 26.
- Sharp, Ruth C., Islip, N. Y. Mirror floral display device. 98,549; Feb. 11.
- Shaw, Robert J., Philadelphia, Pa. Building. 102,115; Nov. 24.
- Shaw, Samuel J., Jr., Nyack, N. Y. Twin face directional signal. 102,399; Dec. 15.
- Sheaffer, Craig R., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen or similar article. 99,218; Apr. 7.
- Sheaffer, W. A., Pen Company. (See Sheaffer, Craig R., assignor.)
- Sheaffer, W. A., Pen Company. (See Williams, David, assignor.)
- Sheedy, Warren, Seattle, Wash. Bottle. 102,454; Dec. 22.
- Shell Development Company. (See Steuer, Norman F., assignor.)
- Shelley, James A. (See Seeburg, N. M., Woodruff, and Shelley.)
- Sheridan, Francis P., Woodland, Calif. Manicure supply holder. 100,479; July 21.
- Sheridan, James C., San Francisco, Calif., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 100,050; June 16.
- Sherman Bros. Rainwear Corp. (See Dufine, Abraham, assignor.)
- Sherman, Jacob S., Chicago, Ill. Powder box or similar article. 98,092; Jan. 7.
- Sherrick, Paul H., assignor to E. H. Sargent & Co., Chicago, Ill. Test tube support. 100,442; July 14.
- Sherrick, Paul H., assignor to E. H. Sargent & Co., Chicago, Ill. Support for funnels and beakers. 100,443; July 14.
- Sherrick, Paul H., assignor to E. H. Sargent & Co., Chicago, Ill. Flask support. 100,444; July 14.
- Shields, John M., assignor to F. H. Noble & Co., Chicago, Ill. Jewelry display box, or similar article. 100,177; June 23.
- Shields, John M., assignor to F. H. Noble & Co., Chicago, Ill. Jewelry display box or similar article. 100,178; June 23.
- Shields, John M., assignor to F. H. Noble & Co., Chicago, Ill. Jewelry display case or similar article. 100,742; Aug. 4.
- Shields, John M., assignor to F. H. Noble & Co., Chicago, Ill. Jewelry display box or similar article. 102,455; Dec. 22.
- Shinkman, Ely, New York, N. Y. Blouse. 101,407; Sept. 29.
- Shively, John J., New York, N. Y. Casing for an ice breaking machine or similar article. 102,095; Nov. 24.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 98,782; Mar. 3.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 98,967; Mar. 17.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 99,053; Mar. 24.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 99,054; Mar. 24.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 99,314; Apr. 14.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 99,483; Apr. 28.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 99,896; June 2.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 99,897; June 2.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 100,585; July 28.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 100,676; Aug. 4.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 100,718; Aug. 4.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 101,719; Oct. 27.
- Sholund, Henry. (See Altizer, A. P., and Sholund.)
- Short, Bladen M. (See Jandus, H. S., and Short.)
- Shrader, Terry M., West Summit, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 100,508; July 21.
- Shrader, Terry M., West Summit, N. J., assignor to RCA Manufacturing Company, Inc. Electron discharge device. 101,825; Nov. 3.
- Shron, Sarah. (See Appelbaum, N., and Shron.)
- Shuler, Clyde F., assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Piston peening machine. 101,292; Sept. 22.
- Shulman, Pauline W., Hartford, Conn., assignor to M. T. Marcus. Cosmetic bottle. 102,401; Dec. 15.
- Shultz, Rex M., Ventura, Calif. Scoop. 99,832; May 26.
- Shure Brothers. (See Shure, Sidney N., assignor.)
- Shure, Sidney N., Chicago, Ill., assignor to Shure Brothers. Microphone support. 100,928; Aug. 18.
- Shyvers, Kenneth C., and Peter Jaskowiak, Chicago, Ill. Ash receiver. 99,667; May 12.
- Sibbert, Edward F., Brooklyn, assignor to S. H. Kress and Company, New York, N. Y. Lighting fixture. 100,677; Aug. 4.
- Siegel, Benjamin, West New York, N. J. Knitted fabric. 102,068; Nov. 24.
- Siegel, Benjamin, West New York, N. J. Knitted fabric. 102,069; Nov. 24.
- Siegel, Benjamin, West New York, N. J. Knitted fabric. 102,070; Nov. 24.
- Siegerman, Charles, New York, N. Y. Coat. 100,051; June 16.
- Siegler, Abraham J., Brooklyn, N. Y. Slipper. 99,609; May 12.
- Siegler, Abraham J., Brooklyn, N. Y. Slipper. 99,610; May 12.
- Siegler, Abraham, Brooklyn, N. Y. Slipper. 100,719; Aug. 4.
- Siemund, Herman, Chicago, Ill. Imitation Christmas tree. 99,833; May 26.
- Sieve, Bernard R., Chicago, Ill. Display stand. 98,371; Jan. 28.
- Signor, William E., Gettysburg, Pa. Automotive wigwag stop signal. 101,893; Nov. 10.
- Silent Glow Oil Burner Corporation, The. (See Knox, Malcolm R., assignor.)
- Silex Company, The. (See Wolcott, Frank E., assignor.)
- Silk, Louis A., New York, N. Y. Embroidered fabric. 98,093; Jan. 7.
- Silk, Louis A., New York, N. Y. Embroidered fabric. 98,094; Jan. 7.
- Silk, Louis A., & Company Inc. (See Waterfield, James, assignor.)
- Silverman, Charles, Providence, R. I. Necktie fastener or similar article. 100,586; July 28.
- Silverman, Charles, Providence, R. I. Necktie holder. 101,720; Oct. 27.
- Silverman, Charles, Providence, R. I. Cravat holder. 101,798; Nov. 3.
- Silverman, Jacob A., New York, N. Y. Coat. 102,519; Dec. 29.
- Silverman, Jacob A., New York, N. Y. Coat. 102,520; Dec. 29.
- Silverman, Jacob A., New York, N. Y. Coat. 102,521; Dec. 29.
- Silverstein, Raymond, assignor of one-third to H. Rosen and one-third to J. Horwich, Chicago, Ill. Radio cabinet or similar article. 98,550; Feb. 11.
- Simister, Louis W., Astoria, N. Y. Shoe. 99,731; May 19.
- Simmons Company. (See Stuart, Charles A., assignor.)
- Simmons Company. (See Travis, Don Carlos, assignor.)
- Simms, Charles F., assignor to Concord Silversmiths Corporation, Concord, N. H. Spoon or other article of flatware. 100,392; July 14.
- Simms, Charles F., assignor to Concord Silversmiths Corporation, Concord, N. H. Combined salt shaker, pepper shaker, and stand therefor. 102,212; Dec. 1.
- Simms, Charles F., assignor to Concord Silversmiths Corporation, Concord, N. H. Combined salt shaker, pepper shaker, and basket therefor. 102,291; Dec. 8.
- Simons, Michael, Brooklyn, N. Y. Shoe. 100,052; June 16.
- Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 98,461; Feb. 4.
- Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 98,462; Feb. 4.
- Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 99,055; Mar. 24.
- Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 99,099; Mar. 24.
- Sindler, Jay J., Boston, assignor to Spir-It, Inc., Malden, Mass. Combination food utensil display and holder therefor. 102,292; Dec. 8.
- Sinel, Joseph. (See Gerth, R., and Sinel.)
- Siner, Raymond K., Philadelphia, Pa. Elastic fabric. 100,606; July 28.
- Siner, Raymond K., Philadelphia, Pa. Elastic fabric. 100,743; Aug. 4.
- Siner, Raymond K., Wyomissing Hills, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 102,339; Dec. 15.
- Siner, Raymond K., Wyomissing Hills, assignor to The Narrow Fabric Company, West Reading, Pa. Elastite fabric. 102,340; Dec. 15.
- Singer, Jack, Brooklyn, N. Y. Cigarette box buckle. 99,683; May 19.
- Singer Manufacturing Company, The. (See France, Edgar G., assignor.)
- Singer Manufacturing Company, The. (See Park, Malcolm S., assignor.)
- Singerman, Max E., New York, N. Y. Textile fabric. 99,684; May 19.
- Sinko, John, Oak Park, Ill. Knob for a gear shift lever or the like. 101,826; Nov. 3.



- Siragusa, Ross D., assignor to Continental Radio and Television Corp., Chicago, Ill. Radio cabinet or similar article. 100,179; June 23.
- Sisco, Richard, Clifton, N. J. Restaurant booth. 98,372; Jan. 28.
- Sisselman, Abraham, New York, N. Y. Coat. 98,404; Jan. 28.
- Sisselman, Abraham, New York, N. Y. Coat. 98,405; Jan. 28.
- Sisselman, Abraham, New York, N. Y. Coat. 98,815; Mar. 3.
- Sivec, Alexander, assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 101,071; Sept. 1.
- Skobel, Louis W., assignor to Interstate Metal Products Co., Chicago, Ill. Trunk wardrobe cabinet. 101,179; Sept. 8.
- Skoverski, John R. (See Schor, J., and Skoverski.)
- Slaymaker Lock Co., The. (See Slaymaker, Samuel C., assignor.)
- Slaymaker, Samuel C., assignor to The Slaymaker Lock Co., Lancaster, Pa. Padlock. 99,554; May 5.
- Slaymaker, Samuel C., assignor to The Slaymaker Lock Co., Lancaster, Pa. Padlock. 99,732; May 19.
- Slettevold, Ole, assignor to The Hedman Manufacturing Company, Chicago, Ill. Keyboard for check writers. 99,219; Apr. 7.
- Sloan, Dixon C., Cumberland, Md., assignor to United States Glass Company, Pittsburgh, Pa. Goblet or like article. 99,898; June 2.
- Sloan, Dixon C., Cumberland, Md., assignor to United States Glass Company, Pittsburgh, Pa. Plate or similar article. 99,899; June 2.
- Sloan, Dixon C., Cumberland, Md., assignor to United States Glass Company, Pittsburgh, Pa. Goblet or similar article. 99,900; June 2.
- Sloan, Edward C., assignor to J. B. Hawley, Geneva, Ill. Hat. 99,967; June 9.
- Sloan, Edward C., assignor to J. B. Hawley, Geneva, Ill. Hat. 102,400; Dec. 15.
- Smith, Arthur E., Los Angeles, Calif. Ampule. 101,485; Oct. 6.
- Smith, Charles W., Rochester, N. Y. Shoe. 100,053; June 16.
- Smith, Donald M., assignor to McKee Glass Company, Jeannette, Pa. Glass tumbler. 102,096; Nov. 24.
- Smith, Earle R., Alhambra, assignor to Gillette Sweeper Corp. Ltd., Los Angeles, Calif. Carpet sweeper. 101,975; Nov. 17.
- Smith, Edward A., Haworth, N. J., assignor to Collins & Aikman Corporation, Philadelphia, Pa. Textile fabric or similar article. 102,241; Dec. 1.
- Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Bottle. 99,374; Apr. 21.
- Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Bottle or similar article. 99,916; June 2.
- Smith, Frasier, Wheeling, W. Va., assignor to Honey Packers, Inc., New York, N. Y. Jar. 100,298; July 7.
- Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 100,720; Aug. 4.
- Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 100,721; Aug. 4.
- Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 101,563; Oct. 13.
- Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 102,008; Nov. 17.
- Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 102,456; Dec. 22.
- Smith, G. Edwin, Shoe Company, The. (See Weidner, William, assignor.)
- Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Bottle. 98,739; Feb. 25.
- Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Bottle. 100,054; June 16.
- Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Bottle. 100,055; June 16.
- Smith, George, Jr., assignor to Olean Glass Works, Olean, N. Y. Bottle or similar container. 100,128; June 23.
- Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Bottle. 101,144; Sept. 8.
- Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Bottle. 101,180; Sept. 8.
- Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Bottle. 101,181; Sept. 8.
- Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Bottle. 101,182; Sept. 8.
- Smith, Harry E., Short Hills, N. J., assignor to Celluloid Corporation. Fountain pen or similar article. 101,258; Sept. 15.
- Smith, Harry E., Short Hills, N. J., assignor to Celluloid Corporation. Plastic sheet or similar article. 101,259; Sept. 15.
- Smith, Howard, Belleville, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo. Sadiron. 99,170; Mar. 31.
- Smith, James R., Sr., assignor to New Jersey Porcelain Company, Trenton, N. J. Combined toilet paper holder and ash receiver. 101,924; Nov. 10.
- Smith, James S. B., New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure cap or similar article. 98,626; Feb. 18.
- Smith, L. C., & Corona Typewriters, Inc. (See Keller, Myrtle R., assignor.)
- Smith, Lewis R., trustee. (See Storrie, William, assignor.)
- Smith, Louis L., New York, N. Y. Hat. 101,514; Oct. 6.
- Smith, Maurice A., Jeannette, Pa. Combined baking and serving dish or similar article. 99,555; May 5.
- Smith, Maurice A., Jeannette, Pa. Automobile lens. 101,145; Sept. 8.
- Smith, Maurice A., assignor to McKee Glass Company, Jeannette, Pa. Automobile lens. 102,097; Nov. 24.
- Smith, Milton B., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Glider frame. 99,526; May 5.
- Smith, Milton B., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Armchair. 99,556; May 5.
- Smith, Milton B., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Chair. 99,557; May 5.
- Smith, Milton B., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Canopy glider. 99,733; May 19.
- Smith, Milton B., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Lounge chair. 101,976; Nov. 17.
- Smith, Pauline W., Waterbury, Conn. Container for flowers. 98,406; Jan. 28.
- Smith, Rogers M., Merchantville, N. J., assignor by mesne assignments, to Radio Corporation of America, New York, N. Y. Automobile radio antenna. 99,977; June 9.
- Smith, Russell B., Van Wert, Ohio. Safety reflector bracket. 102,293; Dec. 8.
- Smith, S. Morgan, Company. (See Brisbane, Eugene C., assignor.)
- Smith, Thomas L., Atlanta, Ga. Finger ring or similar article. 99,420; Apr. 21.
- Smith, Wilber H. (See Guild, L., and Smith.)
- Smith, William J., Rocky River, Ohio. Oil burner. 102,294; Dec. 8.
- Smokador Manufacturing Co. (See Baylis, Robert N., assignor.)
- Smythe, Richard G., Valley Stream, N. Y. Container opener. 98,968; Mar. 17.
- Snayberger, Harry, Schuylkill Haven, Pa. Shoe. 99,901; June 2.
- Snell, Samuel A., assignor to The Bingham Stamping & Tool Company, Toledo, Ohio. Emergency brake lever. 100,603; July 28.
- Snell, Samuel A., assignor to The Bingham Stamping & Tool Company, Toledo, Ohio. Emergency brake lever. 100,604; July 28.
- Snell, Samuel A., assignor to The Bingham Stamping & Tool Company, Toledo, Ohio. Emergency brake lever. 100,605; July 28.
- Snyder, George, and Eric S. Carlson, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 100,722; Aug. 4.
- Snyder, Robert Z., Philadelphia, Pa. Radio cabinet. 100,129; June 23.
- Sobel, Harry, New York, N. Y. Shoe. 100,227; June 30.
- Sobel, Harry, New York, N. Y. Shoe. 100,228; June 30.
- Sobel, Harry, Los Angeles, Calif. Shoe. 101,508; Oct. 6.
- Sobel, Harry, Los Angeles, Calif. Shoe. 102,196; Dec. 1.
- Sobel, Harry, Los Angeles, Calif. Shoe. 102,242; Dec. 1.
- Societe Anonyme Scherick. (See De Mascolo, Marie R., assignor.)
- Societe Anonyme Schiaparelli. (See Schiaparelli, Elsa, assignor.)
- Société Van Cleef & Arpels. (See Arpels, Salomon dit C., assignor.)
- Socony-Vacuum Oil Company. (See Klipfel, John M., assignor.)
- Solar Lighting Fixture Company. (See Butterworth, Arthur R., assignor.)
- Solar Lighting Fixture Company. (See Stutz, Joseph, assignor.)
- Sollmann, Carl P., Montclair, N. J. Toy wagon or similar article. 99,527; May 5.
- Solomon, Bernard M., Montgomery, Ala. Combined ornamental display and name plate. 100,229; June 30.
- Solomon, Jacob, New York, N. Y. Halter. 102,522; Dec. 29.
- Solomon, Jacob, New York, N. Y. Halter. 102,523; Dec. 29.
- Solomon, Max, New York, N. Y. Lace. 100,249; June 30.
- Solomon, Max, New York, N. Y. Lace. 100,250; June 30.
- Solomon, Max, New York, N. Y. Lace. 100,251; June 30.
- Solomon, Max, New York, N. Y. Lace. 100,532; July 21.
- Solomon, Max, New York, N. Y. Lace. 101,012; Aug. 25.
- Solomon, Morris B., New York, N. Y. Handle for trays, bowls, and similar articles. 101,653; Oct. 20.
- Sommerville, Chauncey C., and G. H. Cook, Seattle, Wash. Toy cannon. 99,421; Apr. 21.
- Soos, Paul, Chicago, Ill. Combined cooking and heating element holder. 100,299; July 7.
- Soprani, Mario, Castelfiardo, Italy. Accordion or similar article. 101,827; Nov. 3.
- South Bend Bait Company. (See Burge, Floyd O., assignor.)
- Southern States Oil Company. (See Long, Leonard D., assignor.)
- Spanel, Abraham N., Rochester, N. Y. Baby pants. 98,450; Feb. 4.
- Spanel, Abraham N., Rochester, N. Y. Baby pants. 98,463; Feb. 4.
- Spänel, Abraham N., Rochester, N. Y. Baby pants. 99,528; May 5.



- Spánel, Abraham N., Rochester, N. Y. Latex pants. 99,529; May 5.
- Spangler, Carl D., Oklahoma City, Okla. Bench or similar article. 99,375; Apr. 21.
- Sparklets Limited. (See Ward, Lawrence T., assignor.)
- Speck, Walter, Paterson, N. J., assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. 101,418; Sept. 29.
- Spence, James E., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Ashtray. 98,894; Mar. 10.
- Spence, James E., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Bowl. 102,457; Dec. 22.
- Spencer, Charles E., Chicago, and O. W. Roberts, Oak Park, assignors to Casement Hardware Co., Chicago, Ill. Casement hinge. 100,587; July 28.
- Spencer, William F., 3rd., assignor to Richmond School Furniture Co., Muncie, Ind. Chair. 99,530; May 5.
- Spender, Donald L. (See Westfall, W. R., and Spender.)
- Spender, Donald L., assignor to Scovill Manufacturing Company, Waterbury, Conn. Flashlight base cap. 102,149; Dec. 1.
- Sperry Gyroscope Co. (See Carter, Leslie F.)
- Sperry, Philmore F., Chicago, Ill. Automobile heater. 100,802; Aug. 11.
- Spinelli, Albert M., and B. Greenstein, Philadelphia, Pa. Drinking glass. 101,721; Oct. 27.
- Spir-It, Inc. (See Sindler, Jay J., assignor.)
- Spitalny, Fred, Elizabeth, N. J. Vanity case or similar article. 99,978; June 9.
- Splaine, Edward M. (See Cozzins, C. O., and Splaine.)
- Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Combined temple and temple support for an ophthalmic mounting. 98,407; Jan. 28.
- Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Bridge for an ophthalmic mounting. 101,146; Sept. 8.
- Spoehr, Conrad, Chicago, Ill. Molded confection. 100,300; July 7.
- Spoeneman, Arthur O., assignor to Enterprise Foundry Company, Belleville, Ill. Range. 100,130; June 23.
- Sportsman's Manufacturing and Distributing Company. (See Moninger, Frank M., assignor.)
- Springfield Metallic Casket Company, The. (See Henderson, Roe P., assignor.)
- Squibb, E. R., & Sons. (See Chase, Frank C., assignor.)
- Squibb, E. R., & Sons. (See Werner, Stanton E., assignor.)
- Squire, Nathan E., assignor to Ford Amusement Devices, Inc., Chicago, Ill. Practice gun stand. 101,260; Sept. 15.
- Stalcup, Arthur C., Tyler, Tex. Building. 101,473; Oct. 6.
- Stallings, George W., Jackson, and G. W. Walker, Pleasant Ridge, Mich., assignors to A. Kreamer, Incorporated, New York, N. Y. Canister. 102,509; Dec. 29.
- Stallings, George W., Jackson, and G. W. Walker, Pleasant Ridge, Mich., assignors to A. Kreamer, Incorporated, New York, N. Y. Combined cake server and tray therefor. 102,510; Dec. 29.
- Stallings, George W., Jackson, and G. W. Walker, Pleasant Ridge, Mich., assignors to A. Kreamer, Incorporated, New York, N. Y. Bread cabinet. 102,511; Dec. 29.
- Stallings, George W., Jackson, and G. W. Walker, Pleasant Ridge, Mich., assignors to A. Kreamer, Incorporated, New York, N. Y. Refuse receptacle. 102,512; Dec. 29.
- Stamm, Georgia A., Lincoln Township, Berrien County, Mich. Illuminating radio cabinet. 101,091; Sept. 1.
- Standard Brands Incorporated. (See Beckman, Clarence P., assignor.)
- Standard Brands Incorporated. (See Das, Peter, assignor.)
- Standard Oil Company of California. (See Bessonett, L. S., McKim, and Selje, assignors.)
- Standard Stations, Inc. (See Aldrich, Ralph N., assignor.)
- Standard Stations, Inc. (See Aldrich, R. N., and Jaehne, assignors.)
- Standard Steel Spring Company. (See Gleason, D. T., and Saxton, assignors.)
- Standard Steel Spring Company. (See Stempel, L. M., and Saxton.)
- Standish, Myles, North Scituate, R. I. Doll or similar article. 99,220; Apr. 7.
- Stanitz, Jacques, Warren, assignor to Prima Manufacturing Company, Inc., Sidney, Ohio. Combined washing machine and wringer. 98,627; Feb. 18.
- Stanitz, Jacques, Warren, assignor to Prima Manufacturing Company, Inc., Sidney, Ohio. Washing machine. 98,895; Mar. 10.
- Stanley, Malcolm N., Concord, Mass., assignor to Felton & Son, Inc., Boston, Mass. Bottle. 99,902; June 2.
- Stanley Works, The. (See Stowell, Austin L., assignor.)
- Stanley Works, The. (See Volz, Frederick A., assignor.)
- Star Engraving Company. (See Boehme, John, assignor.)
- Stark, Florence. (See Stark, Helen, and F.)
- Stark, Frederick W., Meriden, Conn., assignor to International Silver Company, Meriden, Conn. Teapot or the like. 102,524; Dec. 29.
- Stark, Helen and F., New York, N. Y. Lunch counter unit. 98,628; Feb. 18.
- Starling, Carson G., Orlando, Fla. Building. 100,338; July 7.
- Stearman-Hammond Aircraft Corporation. (See Hammond, Dean B., assignor.)
- Steckler, Nat P., New York, N. Y. Ear drum protector. 98,095; Jan. 7.
- Steckler, Nat P., New York, N. Y. Combination bottle and dropper. 98,119; Jan. 7.
- Steckler, Nat P., New York, N. Y. Bottle nipple. 102,213; Dec. 1.
- Stedman, Joseph F., Brooklyn, N. Y. Rosary. 99,377; Apr. 21.
- Steel Kitchens Corporation. (See Block, Samuel J., assignor.)
- Steelman, James S., assignor to Whitall Tatum Company, Millville, N. J. Bottle. 99,376; Apr. 21.
- Steelman, James S., assignor to Whitall Tatum Company, Millville, N. J. Bottle. 100,180; June 23.
- Steelman, James S., assignor to Whitall Tatum Company, Millville, N. J. Bottle. 100,230; June 30.
- Steelman, James S., assignor to Whitall Tatum Company, Millville, N. J. Bottle. 100,339; July 7.
- Steelman, James S., assignor to Whitall Tatum Company, Millville, N. J. Bottle. 100,340; July 7.
- Steelman, James S., assignor to Whitall Tatum Company, Millville, N. J. Bottle. 101,419; Sept. 29.
- Steelman, James S., assignor to Whitall Tatum Company, Millville, N. J. Bottle. 101,420; Sept. 29.
- Stefanczyk, Mikolaj, Hamtramck, Mich. Radiator or similar article. 98,408; Jan. 28.
- Stefanczyk, Mikolaj, Hamtramck, Mich. Radiator or similar article. 98,409; Jan. 28.
- Stefanczyk, Mikolaj, Hamtramck, Mich. Radiator or similar article. 98,410; Jan. 28.
- Steffens, George V., Clayton, Mo. Beverage cooler. 98,096; Jan. 7.
- Stein, Jacob, New York, N. Y. Cape or similar article. 99,378; Apr. 21.
- Stein, Jacob, New York, N. Y. Reversible raincape. 102,009; Nov. 17.
- Stein, Jacob, New York, N. Y. Sandal or similar article. 102,341; Dec. 15.
- Stein, Jacob, New York, N. Y. Sandal or similar article. 102,342; Dec. 15.
- Stein, Jacob, New York, N. Y. Sandal or similar article. 102,343; Dec. 15.
- Stein, Jacob, New York, N. Y. Sandal or similar article. 102,344; Dec. 15.
- Stein, Jacob, New York, N. Y. Sandal or similar article. 102,345; Dec. 15.
- Stein, Jacob, New York, N. Y. Sandal or similar article. 102,346; Dec. 15.
- Stein, Joseph S., assignor to Lucien Lelong, Inc., Chicago, Ill. Talc bottle or similar article. 100,393; July 14.
- Stein, Joseph S., assignor to Lucien Lelong Inc., Chicago, Ill. Cake of soap or similar article. 100,723; Aug. 4.
- Stein, Joseph S., assignor to Lucien Lelong, Inc., Chicago, Ill. Perfume bottle or similar article. 100,929; Aug. 18.
- Stein, Macy H., and M. S. Stein, New York, N. Y. Watch-case. 102,150; Dec. 1.
- Stein, Macy H., and M. S. Stein, New York, N. Y. Combination Lipstick and Holder Therefor. 102,151; Dec. 1.
- Stein, Max S. (See Stein, Macy H., and M. S.)
- Stein, Sara, Brooklyn, N. Y. Brassière vest. 99,534; May 5.
- Steinberg, Julius, New York, N. Y. Curtain. 100,533; July 21.
- Steinberg, Julius, New York, N. Y. Curtain. 101,013; Aug. 25.
- Steinbiss, Carl H., assignor to Lyons-Magnus, Inc., San Francisco, Calif. Jug. 100,341; July 7.
- Steiner, Frank G., assignor to Steiner Sales Company, Chicago, Ill. Towel dispensing cabinet. 99,221; Apr. 7.
- Steiner, Frank G., assignor to Steiner Sales Company, Chicago, Ill. Towel dispensing cabinet. 99,222; Apr. 7.
- Steiner, Joseph C., Chicago, Ill. Faucet mounting. 98,629; Feb. 18.
- Steiner Sales Company. (See Steiner, Frank G., assignor.)
- Steinhilber, Robert J., Norfolk, Va. Playing card. 101,072; Sept. 1.
- Steinman, Arthur, Minneapolis, Minn. Sport suit. 101,314; Sept. 22.
- Steinman, William G., New York, N. Y. Dress. 101,509; Oct. 6.
- Steinman, William G., New York, N. Y. Dress ensemble. 101,894; Nov. 10.
- Steinman, William G., New York, N. Y. Dress. 102,010; Nov. 17.
- Stempel, Laszlo M., and W. E. Saxton, assignors to Standard Steel Spring Company, Coraopolis, Pa. Automotive bumper bar. 101,510; Oct. 6.
- Stenham, Ethel A., New York, N. Y. Flag or similar article. 98,190; Jan. 14.
- Stephen, George A. (See White, H. K., Stephen, and Ehrenfeld.)
- Stephens, Billy M., assignor to Hyvis Oils, Inc., Warren, Pa. Lubricating unit. 98,278; Jan. 21.
- Stephens, George H., Northbrook, assignor to The Hammond Clock Company, Chicago, Ill. Organ console. 100,301; July 7.
- Sterling, Marion A., assignor of one-third to A. R. Mooers and one-third to L. B. Hunt, Kansas City, Mo. Beverage container. 99,531; May 5.
- Sterling Siren Fire Alarm Company, The. (See Armstrong, Merton C., assignor.)
- Stern, Abraham, New York, N. Y. Textile fabric. 100,394; July 14.
- Stern, Abraham, New York, N. Y. Textile fabric. 100,458; July 14.



- Stern, Abraham, New York, N. Y. Textile fabric. 100,480; July 21.
- Stern, Abraham, New York, N. Y. Textile fabric. 101,092; Sept. 1.
- Stern, Abraham, New York, N. Y. Textile fabric. 101,408; Sept. 29.
- Stern, Herbert L., New York, N. Y. Elastic pantie. 101,755; Oct. 27.
- Stern, Irving H., Boston, Mass. Combined dresser cabinet and bureau or the like. 98,484; Feb. 4.
- Stern, Irving H., Boston, Mass. Combined toilet cabinet and bureau or the like. 98,551; Feb. 11.
- Stern, Milton W., New York, N. Y. Finger ring. 101,293; Sept. 22.
- Sternberg, Alex, assignor to Interstate Metal Products Co., Chicago, Ill. Air moistener. 101,147; Sept. 8.
- Sternberg, Louis, New York, N. Y. Knitted dress. 100,354; July 7.
- Stetson China Company, The. (See Kane, Bernard N., assignor.)
- Stetson Shoe Co. (See Wright, Harland F., assignor.)
- Steuer, Norman F., San Francisco, assignor to Nesbitt Fruit Products Inc., Los Angeles, Calif. Bottle. 98,373; Jan. 28.
- Steuer, Norman F., San Francisco, Calif., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Cigarette box. 98,783; Mar. 3.
- Steuer, Norman F., San Francisco, Calif., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Ashtray. 98,784; Mar. 3.
- Steuer, Norman F., San Francisco, Calif., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Ashtray. 98,785; Mar. 3.
- Steuer, Norman F., assignor to Shell Development Company, San Francisco, Calif. Bottle. 101,564; Oct. 13.
- Steuernagle, John H., Du Bois, Pa. Bottle. 100,232; June 30.
- Steuernagle, John H., Du Bois, assignor to Brockway Glass Company, Inc., Brockway, Pa. Bottle. 98,969; Mar. 17.
- Steuernagle, John H., Du Bois, assignor to Brockway Glass Company, Inc., Brockway, Pa. Bottle. 100,231; June 30.
- Steuernagle, John H., Du Bois, assignor to Brockway Glass Company, Inc., Brockway, Pa. Bottle. 100,342; July 7.
- Stevens, John, assignor to Zenith Radio Corporation, Chicago, Ill. Radio cabinet. 100,131; June 23.
- Stevens, John, assignor to Zenith Radio Corporation, Chicago, Ill. Radio cabinet. 100,132; June 23.
- Stevens, John, assignor to Zenith Radio Corporation, Chicago, Ill. Radiocabinet. 100,133; June 23.
- Stevens, Martha A., Boston, Mass. Medallion. 100,803; Aug. 11.
- Stewart, Raymond F., South Pasadena, Calif. Portable radio cabinet or similar article. 98,552; Feb. 11.
- Stewart-Warner Corporation. (See Dean, Arthur F., assignor.)
- Stewart-Warner Corporation. (See Mell, Alfred L., assignor.)
- Stewart, Weir, New York, N. Y. Shoe. 99,175; Mar. 31.
- Stieff Company, The. (See Hoyle, Frederick, assignor.)
- Stillman, Abraham, Brooklyn, N. Y. Dress. 101,315; Sept. 22.
- Stinson, Pearl, San Francisco, Calif. Combination shrine and sickroom light. 101,799; Nov. 3.
- Stirn, L. & E., Inc. (See Speck, Walter, assignor.)
- Stix, Carl, assignor to Plaut-Butler Inc., Cincinnati, Ohio. Shoe. 99,903; June 2.
- Stock, Otto F., assignor to The Julian & Kokenge Company, Columbus, Ohio. Shoe. 98,896; Mar. 10.
- Stock, Otto F., assignor to The Julian & Kokenge Company, Columbus, Ohio. Shoe. 99,056; Mar. 24.
- Stockstrom, Arthur, and A. H. Brodbeck, assignors to American Stove Company, St. Louis, Mo. Range. 98,553; Feb. 11.
- Stockstrom, Arthur, and A. H. Brodbeck, assignors to American Stove Company, St. Louis, Mo. Range. 102,525; Dec. 29.
- Stockstrom, Arthur, and A. H. Brodbeck, assignors to American Stove Company, St. Louis, Mo. Range. 102,596; Dec. 29.
- Stoddard, Guy, Twin Falls, Idaho. Chair. 101,895; Nov. 10.
- Stoll, Charles, Brooklyn, N. Y. Settee or similar article. 99,685; May 19.
- Stone, Eula M., New York, N. Y. Toilet accessory container. 100,588; July 28.
- Stone, Irwin M. (See Friedman, M. C., and Stone.)
- Stone, Karl M., Merrick, N. Y. Shoe. 99,532; May 5.
- Storkline Furniture Corporation. (See Michal, James, assignor.)
- Storrie, William, Providence, R. I., assignor to L. R. Smith, trustee for Apco Mossberg Corporation. Radiator front. 100,804; Aug. 11.
- Storrs, George D., assignor to Gillette Rubber Company, Eau Claire, Wis. Automobile tire or similar article. 98,897; Mar. 10.
- Stout, William B. (See Adams, E. E., Blomberg, Mussey, and Stout.)
- Stowell, Austin L., assignor to The Stanley Works, New Britain, Conn. Casing for flexible measuring rules. 98,554; Feb. 11.
- Stransky, Emil, Erie, Pa. Facial massaging device. 100,431; July 21.
- Strassburger, Emil H., New York, N. Y. Sandal. 99,057; Mar. 24.
- Strassburger, Emil H., New York, N. Y. Sandal. 102,152; Dec. 1.
- Strassheim, Louis F., Merrill, Wis., assignor to A. Laitner & Sons, Detroit, Mich. Floor brush. 100,724; Aug. 4.
- Straus, Mitteldorfer, Richmond, Va. Dish or similar article. 99,533; May 5.
- Straus, Mitteldorfer, Richmond, Va. Dish or similar article. 99,558; May 5.
- Straus, Mitteldorfer, Richmond, Va. Candle lamp. 100,395; July 14.
- Straus, Mitteldorfer, Richmond, Va. Candle lamp. 100,396; July 14.
- Straus, Mitteldorfer, Richmond, Va. Candle lamp. 100,397; July 14.
- Strauss, Hermann M. A., assignor to A. F. Dormeyer Mfg. Co., Chicago, Ill. Electric food chopper or similar article. 101,896; Nov. 10.
- Strauss, Ruth, New York, N. Y. Lamp. 99,589; May 12.
- Stricker, Ethel E., New York, N. Y. Pajamas, or similar article. 101,409; Sept. 29.
- Strickler, Ellis B., Yorkana, Pa. Combination compartment container or similar article. 101,014; Aug. 25.
- Strickler, L. H. (See Eash, Otto M., assignor.)
- Strikowsky, Benjamin. (See Marcus, B. H., and Strikowsky.)
- Stringer, George G., Lubbock, Tex. Illuminated spotting board. 100,607; July 28.
- Stritter, Karl A., Nahant, assignor to Stritter Shoe Co., Lynn, Mass. Shoe. 98,898; Mar. 10.
- Stritter Shoe Co. (See Cohen, Munroe, assignor.)
- Stritter Shoe Co. (See Famolare, Joseph P., assignor.)
- Stritter Shoe Co. (See Stritter, Karl A., assignor.)
- Strouse, Isaac, assignor to The Baltimore Pure Rye Distilling Company, Dundalk, Md. Bottle. 100,744; Aug. 4.
- Strupp, August K., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 98,740; Feb. 25.
- Stuart, Charles A., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Back rest for a studio couch or similar article of furniture. 98,555; Feb. 11.
- Stutz, Joseph, assignor to Solar Lighting Fixture Company, Los Angeles, Calif. Lighting fixture. 102,526; Dec. 29.
- Substance S Products, Inc. (See Perona, Lucien A., assignor.)
- Sullivan, Oliver J., Hudson, Mass. Shoe. 99,142; Mar. 31.
- Sulzer, Lucien, Chicago, Ill. Fluid fuel burning fireplace. 100,459; July 14.
- Sun Tube Corporation, The. (See Schenk, Rudolph S., assignor.)
- Sundberg, Carl W., Detroit, Mich., assignor to Erie Resistor Corporation, Erie, Pa. Match box. 98,279; Jan. 21.
- Sundberg, Carl W., and M. Ferar, assignors to Bulldog Electric Products Company, Detroit, Mich. Switch handle. 99,611; May 12.
- Sundberg, Carl W., and M. Ferar, assignors to Bulldog Electric Products Company, Detroit, Mich. Switch handle. 99,612; May 12.
- Sundberg, Carl W., and M. Ferar, assignors to Bulldog Electric Products Company, Detroit, Mich. Combined switch casing and handle. 100,509; July 21.
- Sunderhauf, Frederick A., Rutherford, N. J. Display card. 98,786; Mar. 3.
- Sunderhauf, Frederick A., Rutherford, N. J. Display card. 98,787; Mar. 3.
- Sunderhauf, Frederick A., Rutherford, N. J., assignor to Reynolds Metals Company, New York, N. Y. Display card. 99,143; Mar. 31.
- Sunderhauf, Frederick A., Rutherford, N. J., assignor to Reynolds Metals Company, New York, N. Y. Display card. 99,223; Apr. 7.
- Sunderhauf, Frederick A., Rutherford, N. J., assignor to Reynolds Metals Company, New York, N. Y. Display card. 99,224; Apr. 7.
- Sundin, Theodore, New York, assignor to Metalfield Incorporated, Long Island City, N. Y. Combined container and brush. 99,144; Mar. 31.
- Sundin, Theodore, New York, assignor to Sagamor Metal Goods Corporation, Long Island City, N. Y. Vanity case or similar article. 100,398; July 14.
- Sundin, Theodore, New York, assignor to Sagamor Steel Goods Corporation, Long Island City, N. Y. Vanity box or similar article. 101,474; Oct. 6.
- Sunshine-Radio System, Inc. (See Cohen, Frances C., assignor.)
- Supine, Edward, New York, N. Y. Lace. 101,261; Sept. 15.
- Supine, Edward, New York, N. Y. Lace. 101,262; Sept. 15.
- Susseles, Abraham, New York, N. Y. Belt or similar article. 98,817; Mar. 3.
- Swank Products, Inc. (See Baer, Lawrence E., assignor.)
- Swank Products, Inc. (See Howard, Viola T., assignor.)
- Swanson, George A., Los Angeles, Calif. Gas heater. 98,970; Mar. 17.
- Swanson, Leonard, Erie, Pa. Ashtray. 99,904; June 2.
- Swanson, Oscar A. (See Taylor, J. G., Wilson, Kelsey, and Swanson.)
- Swanson, Oscar A. (See Wilson, R. C., and Swanson.)



- Swanson, Oscar A. (See Wilson, R. C., Kelsey and Swanson.)
- Swanson, Ralph W., Mount Pleasant, Mich. Wall cabinet. 98,097; Jan. 7.
- Swazey, Edward S., assignor to Trimble Nurseryland Furniture, Inc., Rochester, N. Y. Baby's crib. 98,697; Feb. 25.
- Sweeney, John W., assignor to The Narrow Fabric Company, West Reading, Pa. Combined hosiery display and packing folder. 99,905; June 2.
- Sweeny, Clyde E., Toledo, Ohio. Loudspeaker horn. 101,684; Oct. 20.
- Sweet, Clifford I., Delphos, Ohio. Circular riding device. 99,613; May 12.
- Sypher, Milford G., Belleville, N. J., assignor to The Chilton Pen Company, Inc., Long Island City, N. Y. Fountain pen or similar article. 100,970; Aug. 25.
- Syracuse Ornamental Company. (See Fisher, Fred H., assignor.)
- Taieb, Gaston, New York, N. Y. Toilet powder container. 98,741; Feb. 25.
- Taien, Morris, assignor to Sam-Mor Hat Co., Inc., New York, N. Y. Hat. 98,906; Mar. 10.
- Talbert, Benjamin H. (See Hamilton, R. C., and Talbert.)
- Talbert, Benjamin H., assignor to Imperial Desk Company, Evansville, Ind. Desk. 99,564; May 5.
- Talbert, Benjamin H., assignor to Imperial Desk Company, Evansville, Ind. Table. 99,565; May 5.
- Talge, Foster L. (See Majewski, Joseph M., Jr., assignor.)
- Tamis, Jack, New York, N. Y. Combined knife, pencil, and watch. 101,073; Sept. 1.
- Tanner, Ernest, West New York, N. J. Embroidered textile fabric or similar article. 101,511; Oct. 6.
- Tanzi, Guido, Brooklyn, N. Y., assignor to B. Filippone & Co. Inc., Passaic, N. J. Macaroni. 100,510; July 21.
- Tanzi, Guido, Brooklyn, N. Y., assignor to B. Filippone & Co., Inc., Passaic, N. J. Macaroni. 100,975; Aug. 25.
- Tausend, Francis J., New York, N. Y. Table cloth or similar article. 101,897; Nov. 10.
- Tautz, Herbert E., assignor to The Delta Manufacturing Company, Milwaukee, Wis. Safety shield for tool grinders or similar article. 98,280; Jan. 21.
- Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Saw gauge. 99,614; May 12.
- Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Clamp handle. 102,402; Dec. 15.
- Taylor, Benjamin F., Pontiac, Mich. Combination food-serving dish. 101,898; Nov. 10.
- Taylor, Charles F., Chicago, Ill., assignor to Gibbs & Company. Hair drying apparatus. 98,464; Feb. 4.
- Taylor, Daniel C., near Huntington Park, Calif. Illuminated sign support or similar article. 101,294; Sept. 22.
- Taylor Instrument Companies. (See Brown, H. Brainard, assignor.)
- Taylor Instrument Companies. (See Norwood, H. Y., and Robbins, assignors.)
- Taylor Instrument Companies. (See Vogt, William H., assignor.)
- Taylor, James G., R. C. Wilson, B. S. Kelsey, Fairfield, and O. A. Swanson, Dayton, Ohio. Low wing, tandem propeller, pusher monoplane. 100,608; July 28.
- Taylor, James W., Attleboro, Mass., assignor to S. & B. Lederer Company. Bracelet or similar article. 98,374; Jan. 28.
- Taylor, James W., Attleboro, Mass., assignor to S. & B. Lederer Company. Jewelry charm or similar article. 98,375; Jan. 28.
- Taywal Corporation. (See Neidhardt, Carl G., assignor.)
- Teague, Walter D. (See Fritts, E. C., and Teague.)
- Teague, Walter D., Forest Hills, N. Y. Service station. 101,148; Sept. 8.
- Teague, Walter D., New York, assignor to Eastman Kodak Company, Rochester, N. Y. Camera. 100,882; Aug. 18.
- Teague, Walter D., New York, N. Y., assignor to American Gas Machine Company, Albert Lea, Minn. Radiating type heater. 101,475; Oct. 6.
- Teague, Walter D., New York, N. Y., assignor to American Gas Machine Company, Albert Lea, Minn. Circulating type heater. 101,828; Nov. 3.
- Teague, Walter D., New York, assignor to Eastman Kodak Company, Rochester, N. Y. Camera casing. 102,527; Dec. 29.
- Teague, Walter D., New York, and D'Arcy A. Young, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Enlargement visualizer. 99,422; Apr. 21.
- Teague, Walter D., New York, and C. W. Crumrine, Rochester, assignors to Eastman Kodak Company, Rochester, N. Y. Camera. 99,906; June 2.
- Telumigraph Company. (See Rustad, Louis L., assignor.)
- Teres, William, New York, N. Y. Woven fabric. 101,592; Oct. 13.
- Terker, Harry J., assignor to Bunting Glider Company, Philadelphia, Pa. Chair frame. 98,698; Feb. 25.
- Terker, Harry J., assignor to Bunting Glider Company, Philadelphia, Pa. Chair frame. 98,699; Feb. 25.
- Terker, Harry J., assignor to Greenpoint Metalcraft Incorporated, Brooklyn, N. Y. Chair or similar article. 100,181; June 23.
- Terker, Harry J., assignor to Greenpoint Metalcraft Incorporated, Brooklyn, N. Y. Chair or similar article. 100,182; June 23.
- Ternstedt Manufacturing Company. (See Curtiss, George E., assignor.)
- Ternstedt Manufacturing Company. (See Gonas, Albert J., assignor.)
- Ternstedt Manufacturing Company. (See Lemm, Bonnie E., assignor.)
- Ternstedt Manufacturing Company. (See McDaniel, J. S., and Klein, assignors.)
- Ternstedt Manufacturing Company. (See Snyder, G., and Carlson, assignors.)
- Ternstedt Manufacturing Company. (See Trombley, B. N., and Klein, assignors.)
- Terrell, Edgar A., Charlotte, N. C. Box. 102,528; Dec. 29.
- Texas Novelty Company, The. (See Humphrey, Horace G., assignor.)
- Textile Machine Works. (See Janssen, Henry, assignor.)
- Textile Manufacturing Works. (See Janssen, Henry, assignor.)
- Thomas, Joseph C., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Combined charging and testing apparatus and stock stand. 99,315; Apr. 14.
- Thomas, Norman M., Brooklyn, assignor to Joe Lowe Corporation, New York, N. Y. Confectionery product. 99,651; May 12.
- Thomas, William R., assignor to The California-Florida Company, Los Angeles, Calif. Bottle. 100,930; Aug. 18.
- Thompson, Allan M., assignor to Gaw-O'Hara Envelope Company, Chicago, Ill. Envelope. 99,171; Mar. 31.
- Thompson, Charles P., Collingswood, assignor to William S. Scull Company, Camden, N. J. Bag. 100,805; Aug. 11.
- Thompson, E. L., Chair Corporation. (See Brazell, John J., assignor.)
- Thompson, Mark M., Sr., Atlantic, Iowa. Radio light clock. 101,925; Nov. 10.
- Thompson, Sidney E., West Englewood, N. J. Cup or similar article. 102,458; Dec. 22.
- Thomsen, Laura K. H., Alameda, Calif. Sport-glove. 99,423; Apr. 21.
- Thorsell, Karl H. (See Johnson, E. A., and McBride, assignors.)
- Thorsen, Alice H., New York, N. Y. Tag. 98,281; Jan. 21.
- Thorstensen, Charles H., assignor to Rotary Patented Displays, Inc., Ogden, Utah. Combined merchandise display stand and ordering counter. 100,302; July 7.
- Thousand, Adolph, Cedar Rapids, Mich. Oil burner. 100,134; June 23.
- Thwaites Ray Company. (See Thwaites, William H., assignor.)
- Thwaites, William H., Grand Rapids, assignor to Thwaites Ray Company, Sparta, Mich. X-ray machine. 101,015; Aug. 25.
- Thwaits, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Tank vehicle. 98,125; Jan. 7.
- Thwaits, Frederick G., Wauwatosa, Wis., assignor to The Heil Co., Milwaukee, Wis. Combined step plate and signal casing. 100,183; June 23.
- Thwaits, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Tank vehicle. 100,883; Aug. 18.
- Thwaits, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Vehicular tank. 101,016; Aug. 25.
- Thwaits, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Vehicular tank. 102,071; Nov. 24.
- Tiffany & Company. (See Barney, Arthur L., assignor.)
- Tillson, Edwin D. (See Ross, M. W., and Tillson.)
- Timme, E. F., & Son. (See Biva, Lucien.)
- Timme, Otto. (See Biva, Lucien, assignor.)
- Tinker, Dean, Columbus, Ohio. Child's swing. 100,589; July 28.
- Titus, Helena J., New York, N. Y. Combination bottle and holder therefor. 100,521; July 21.
- Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Stove. 98,411; Jan. 28.
- Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Handle adapted for a faucet or similar article. 99,251; Apr. 7.
- Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Handle adapted for a drawer or similar article. 99,252; Apr. 7.
- Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Handle adapted for a cabinet door or similar article. 99,253; Apr. 7.
- Tod, Norma A., Los Angeles, Calif. Kitchen cabinet. 102,529; Dec. 29.
- Toledo Scale Manufacturing Company. (See van Doren, Harold L., assignor.)
- Tomlinson, Guy A., assignor to Traub Manufacturing Company, Detroit, Mich. Wedding ring. 99,686; May 19.
- Tomlinson, Guy A., assignor to Traub Manufacturing Company, Detroit, Mich. Wedding ring. 99,687; May 19.
- Tomlinson, Guy A., assignor to Traub Manufacturing Company, Detroit, Mich. Wedding ring. 99,688; May 19.
- Tomlinson, Guy A., assignor to Traub Manufacturing Company, Detroit, Mich. Wedding ring. 99,734; May 19.
- Tomlinson, Guy A., assignor to Traub Manufacturing Company, Detroit, Mich. Wedding ring. 99,735; May 19.
- Tompkins, Emerson H., Waterbury, Conn. Flashlight head. 101,800; Nov. 3.



- Tompkins, Emerson H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Flashlight casing. 99,316; Apr. 14.
- Tompkins, Emerson H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Flashlight head. 99,336; Apr. 14.
- Tompkins, Emerson H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Flashlight base cap. 101,245; Sept. 15.
- Toner, John F., Denver, Colo., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jar. 101,746; Oct. 27.
- Torongo, Albert H., New Rochelle, assignor to General Foods Corporation, New York, N. Y. Salt block. 99,590; May 12.
- Toward, Archie Jr., West Caldwell, assignor to Walter Kilde Sales Company, Bloomfield, N. J. Siphon bottle. 100,233; June 30.
- Towne, Carlton G., Pittsburgh, assignor to Kensington, Incorporated, New Kensington, Pa. Cheese tray. 101,149; Sept. 8.
- Towne, Carlton G., Pittsburgh, and E. H. Wunderley, assignors to The Aluminum Cooking Utensil Company, New Kensington, Pa. Cooking vessel or similar article. 101,654; Oct. 20.
- Towne, Carlton G., Pittsburgh, and E. H. Wunderley, assignors to The Aluminum Cooking Utensil Company, New Kensington, Pa. Cooking vessel or similar article. 101,655; Oct. 20.
- Tranaas, Emil L., assignor to Koehring Company, Milwaukee, Wis. Dumping vehicle. 101,926; Nov. 10.
- Tratsch, Walter A., Chicago, Ill. Cabinet for amusement game apparatus. 101,801; Nov. 3.
- Traub Manufacturing Company. (See Salter, Vaughn T., assignor.)
- Traub Manufacturing Company. (See Tomlinson, Guy A., assignor.)
- Travis, Don Carlos, Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Bedspring. 99,736; May 19.
- Travis, John M., St. Louis, Mo. Beverage dispensing device. 98,485; Feb. 4.
- Trembot, John I., Chicago, Ill. Automobile fender guard. 99,254; Apr. 7.
- Trico Products Corporation. (See Oishei, John R., assignor.)
- Triculator Co. (See Richheimer, I. D., and Masin, assignors.)
- Trimble Nurseryland Furniture, Inc. (See Swazey, Edward S., assignor.)
- Tripp, Walter L., Chillicothe, Ohio. Sink. 100,482; July 21.
- Trojan, Jose, assignor to Owen Housholder and David C. Cohen, a copartnership, doing business as Crystal Manufacturing Co., Chicago, Ill. Sign or similar article. 102,295; Dec. 8.
- Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Combined bottle cap and opener. 98,486; Feb. 4.
- Trombley, Bertrand N., and C. J. Klein, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 100,976; Aug. 25.
- Trompeter, David, New York, N. Y. Bottle. 99,764; May 19.
- Tropic-Aire, Incorporated. (See Will, Carl H., assignor.)
- Tropic-Aire, Incorporated. (See Will, C. H., and Fink, assignors.)
- Tropp, Emma, Brooklyn, N. Y. Hat. 101,685; Oct. 20.
- Troxel Manufacturing Company, The. (See Faulhaber, Roland W., assignor.)
- Troy, Seymour, New York, N. Y. Shoe or similar article. 98,191; Jan. 14.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 99,058; Mar. 24.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 99,059; Mar. 24.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 99,060; Mar. 24.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 99,146; Mar. 31.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 99,255; Apr. 7.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 99,256; Apr. 7.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 99,484; Apr. 28.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 99,834; May 26.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 100,135; June 23.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 100,136; June 23.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 101,899; Nov. 10.
- Trumbull, Frank S., Providence, R. I. Spoon or similar article. 100,399; July 14.
- Trumbull, Frank S., Providence, R. I. Spoon or similar article. 101,074; Sept. 1.
- Trumbull, Frank S., Providence, R. I. Spoon or similar article. 101,075; Sept. 1.
- Tupper, Arthur H., New York, N. Y. Shoe. 101,295; Sept. 22.
- Turiansky, Abraham, New York, N. Y. Shoe. 98,376; Jan. 28.
- Turiansky, Abraham, New York, N. Y. Shoe. 98,377; Jan. 28.
- Turiansky, Abraham, New York, N. Y. 99,145; Mar. 31.
- Turiansky, Abraham, New York, N. Y. Shoe. 99,631; May 12.
- Turiansky, Abraham, New York, N. Y. Shoe. 100,303; July 7.
- Turiansky, Abraham, New York, N. Y. Shoe. 100,304; July 7.
- Turiansky, Abraham, New York, N. Y. Shoe. 100,483; July 21.
- Turiansky, Abraham, New York, N. Y. Shoe. 101,246; Sept. 15.
- Turiansky, Abraham, New York, N. Y. Shoe. 102,197; Dec. 1.
- Turner, George L., assignor to Reed & Barton, Taunton, Mass. Spoon or similar article. 100,234; June 30.
- Turner, George L., assignor to Reed & Barton, Taunton, Mass. Spoon or similar article. 100,884; Aug. 18.
- Tweed, Adelaide M., Wickenburg, Ariz., assignor to Ruth D. Tweed. Toy figure. 99,147; Mar. 31.
- Tweed, Ruth D. (See Tweed, Adelaide M., assignor.)
- Tweedie, Charles, assignor to Tweedie Footwear Corporation, Jefferson City, Mo. Sandal. 99,835; May 26.
- Tweedie Footwear Corporation. (See Tweedie, Charles, assignor.)
- Twin City Wholesale Grocer Co. (See Darr, Harold W., assignor.)
- Twin-Glo Lamp Co. Inc. (See Furedy, Frank, assignor.)
- Tygart Valley Glass Company. (See Noble, Olbert C., assignor.)
- Tyler, Herbert B., Berwyn, assignor of one-half to C. A. Pipenhagen, Chicago, Ill. Nursing bottle sterilizer. 98,971; Mar. 17.
- Tyrrell, Norval, New York, N. Y. Sofa or similar article. 99,968; June 9.
- Tyrrell, Norval, New York, N. Y. Chair or similar article. 101,565; Oct. 13.
- Tyrrell, Norval, New York, N. Y. Chair or similar article. 101,566; Oct. 13.
- Tyson, Edmund H., Caldwell, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic tube or similar article. 102,214; Dec. 1.
- Tyson, Edmund H., Caldwell, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic tube or similar article. 102,489; Dec. 22.
- Tyson, Herbert. (See Behrel, G. W., and Tyson.)
- U. S. L. Battery Corporation of California. (See Monnin, Joseph G., assignor.)
- Uhlmann, Otto, E., assignor to Keeler Brass Company, Grand Rapids, Mich. Drawer pull or similar article. 99,317; Apr. 14.
- Uhlmann, Otto E., assignor to Keeler Brass Company, Grand Rapids, Mich. Drawer pull or similar article. 99,907; June 2.
- Ulmer, William B., Pottsville, Pa. Combined cigarette holder and ash receiver. 98,465; Feb. 4.
- Underwood, John A., Evanston, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Cooking range. 99,318; Apr. 14.
- Ungar, Harry A., Inc. (See Metcalf, Kenneth M., assignor.)
- Union Carbide and Carbon Corporation. (See Graubner, Herman G., assignor.)
- Union Oil Company of California. (See Harper, Raymond M., assignor.)
- United Advertising Corporation. (See Murdoch, Alexander, assignor.)
- United Autographic Register Co. (See Budlong, Robert D., assignor.)
- United States Glass Company. (See Sloan, Dixon C., assignor.)
- U. S. Manufacturing Corporation. (See Shafter, Adolph F., assignor.)
- United States Rubber Products, Inc. (See Cady, John E., assignor.)
- United States Rubber Products, Inc. (See Craver, Bates B., assignor.)
- United States Rubber Products, Inc. (See Jurie, Josephine, assignor.)
- Universal Camera Corporation. (See Githens, O. W., Norden, and Mannerberg.)
- Universal Camera Corporation. (See Githens, O. W., and Kende, assignors.)
- Universal Camera Corporation. (See Kende, G., and Porter, assignors.)
- Utility Gas Appliance Corporation. (See Deigert, Robert C., assignor.)
- Utility Gas Appliance Corporation. (See Van Doren, Harold L., assignor.)
- Uxbridge Worsted Company. (See White, Arthur, assignor.)
- Valley Shoe Corporation. (See Goldman, Myron S., assignor.)
- Valley Shoe Corporation. (See Odencrants, Hans H. C., assignor.)
- Vamos, Alfred, Brooklyn, N. Y. Shoe or similar article. 102,153; Dec. 1.
- Vamos, Alfred, New York, N. Y., assignor to Bancroft-Walker Company, Waltham, Mass. Shoe. 100,305; July 7.
- Vamos, Alfred, New York, N. Y., assignor to Bancroft-Walker Company, Waltham, Mass. Shoe. 101,150; Sept. 8.
- Vamos, Alfred, New York, N. Y., assignor to Selby Shoe Co., Portsmouth, Ohio. Shoe. 102,530; Dec. 29.



- Van Bloem, Paul S., Great Neck, N. Y. Clock. 102,513; Dec. 29.
- Van Bloem, Paul S., Great Neck, N. Y. Clock. 102,514; Dec. 29.
- Van Bloem, Paul S., Great Neck, N. Y. Clock. 102,515; Dec. 29.
- Vandenbraak, Gail, San Marino, Calif. Radiocabinet or similar article. 99,148; Mar. 31.
- Van der Hoeven, Gerard L., Taylorsville, Calif. Game board. 102,531; Dec. 29.
- Vanderhoff, Russell E., and M. J. Weber, assignors to Continental Scale Works, Chicago, Ill. Weighing scale. 99,737; May 19.
- Vanderhoff, Russell E., and M. J. Weber, assignors to Continental Scale Works, Chicago, Ill. Weighing scale. 99,738; May 19.
- Van Dommelen, Peter, Holland, Mich., assignor to Gulbransen Company, Chicago, Ill. Piano case. 99,689; May 19.
- Van Dommelen, Peter, Holland, Mich., assignor to Gulbransen Company, Chicago, Ill. Piano case. 99,739; May 19.
- Van Dommelen, Peter, Holland, Mich., assignor to Gulbransen Company, Chicago, Ill. Piano case. 101,802; Nov. 3.
- Van Doren, Harold, and Associates. (See Deigert, Robert C., assignor.)
- Van Doren, Harold L. (See Deigert, Robert C., assignor.)
- Van Doren, Harold L., and J. G. Rideout, Perrysburg, assignors to The American-National Company, Toledo, Ohio. Velocipede fork. 99,149; Mar. 31.
- Van Doren, Harold L., and J. G. Rideout, Perrysburg, assignors to The American-National Company, Toledo, Ohio. Velocipede frame member. 99,150; Mar. 31.
- Van Doren, Harold L., Toledo, and J. G. Rideout, Perrysburg, Ohio, assignors to The American National Company, Toledo, Ohio. Scooter. 99,225; Apr. 7.
- Van Doren, Harold L., Toledo, and J. G. Rideout, Perrysburg, assignors to The American-National Company, Toledo, Ohio. Cycle saddle seat. 99,319; Apr. 14.
- Van Doren, Harold L., assignor to The American-National Company, Toledo, Ohio. Sand box. 99,379; Apr. 21.
- Van Doren, Harold L., Toledo, assignor to Utility Gas Appliance Corporation, Columbus, Ohio. Radiant heater. 99,836; May 26.
- Van Doren, Harold L., Toledo, Ohio, assignor to Hammond Machinery Builders, Inc. Combined housing and base for a power tool machine or similar article. 100,081; June 16.
- Van Doren, Harold L., Toledo, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Tire. 100,400; July 14.
- Van Doren, Harold L., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Scale casing. 100,806; Aug. 11.
- Van Dorn, Horace B., Maplewood, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Combined eraser and pencil tip. 102,459; Dec. 22.
- Van Patter, John M., Aylmer, Ontario, Canada. Refrigerator cabinet or similar article. 100,484; July 21.
- Van Raalte Company. (See Levine, Louis, assignor.)
- Van Raalte Company. (See Maclear, Lucille J., assignor.)
- Vaughan & Bushnell Mfg. Co. (See Vaughan, Howard A., assignor.)
- Vaughan, David A., Woodstock, N. Y. Toy cannon. 102,041; Nov. 24.
- Vaughan, David A., Woodstock, N. Y. Toy aeroplane. 102,042; Nov. 24.
- Vaughan, Howard A., Glencoe, Ill. Ax head. 99,635; May 12.
- Vaughan, Howard A., Evanston, assignor to Vaughan & Bushnell Mfg. Co., Chicago, Ill. Axe head. 100,056; June 16.
- Vaughn, George A., assignor to Wind-Power Manufacturing Company, Newton, Iowa. Wind power generator. 102,403; Dec. 15.
- Vavrik, Louis, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Chair. 101,567; Oct. 13.
- Vavrik, Louis, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Combined back and arm rest frame for a chair or similar article. 101,568; Oct. 13.
- Vavrik, Louis, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Rocker chair frame. 101,569; Oct. 13.
- Vavrik, Louis, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Armchair frame. 101,570; Oct. 13.
- Vavrik, Louis, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Glider. 101,571; Oct. 13.
- Vavrik, Louis, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Glider. 101,572; Oct. 13.
- Vella, Jenny, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. 101,803; Nov. 3.
- Viber Company Limited. (See Douglass, Forrest G., assignor.)
- Vickers, Incorporated. (See Herman, Kenneth R., assignor.)
- Victor Adding Machine Company. (See Garbell, Max, assignor.)
- Victoreen, Charles H., Cleveland, Ohio. Air-conditioning cabinet. 101,573; Oct. 13.
- Viehmenn, John C., Flushing, N. Y. Kitchen table or the like. 98,788; Mar. 3.
- Viking Pump Company. (See Petersen, Peter C., assignor.)
- Villanueva, Zacarias H., Hilo, Hawaii. Badge or similar article. 100,137; June 23.
- Visser, John, assignor to Grand Rapids Metalcraft Corporation, Grand Rapids, Mich. Combined face panel and bezel for ash receivers. 98,282; Jan. 21.
- Visser, John, assignor to Grand Rapids Metalcraft Corporation, Grand Rapids, Mich. Combined face panel and bezel for ash receivers. 98,283; Jan. 21.
- Visser, John, assignor to Grand Rapids Metalcraft Corporation, Grand Rapids, Mich. Combined face panel and bezel for ash receivers. 98,466; Feb. 4.
- Visser, John, assignor to Grand Rapids Metalcraft Corporation, Grand Rapids, Mich. Combined ash receiver and mounting panel. 99,380; Apr. 21.
- Visser, John, assignor to Grand Rapids Metalcraft Corporation, Grand Rapids, Mich. Wall pocket front panel or the like. 99,908; June 2.
- Visser, John, Grand Rapids, assignor, by mesne assignments, to F. L. Jacobs Company, Detroit, Mich. Combined face panel and bezel for ash receivers. 99,917; June 2.
- Visser, John, Grand Rapids, assignor, by mesne assignments, to F. L. Jacobs Company, Detroit, Mich. Ash receiver. 100,057; June 16.
- Vitro Agate Co., The. (See Wolfson, Abraham M., assignor.)
- Vocke, Walter L., University City, Mo. Range. 101,183; Sept. 8.
- Vogan, Frank M., assignor to The Canton Metal Decorating Company, Canton, Ohio. Metal ceiling. 100,138; June 23.
- Vogan, Frank M., Canton, Ohio, assignor to The Reeves Manufacturing Company, Dover, Ohio. Panel. 101,574; Oct. 13.
- Vogel, Walter H., San Luis Obispo, Calif. Ashtray. 100,401; July 14.
- Vogelman, Philip A., assignor to Onondaga Silk Company, Inc., New York, N. Y. Textile fabric. 99,535; May 5.
- Vogt, William H., assignor to Taylor Instrument Companies, Rochester, N. Y. Diaphragm motor valve. 99,226; Apr. 7.
- Vollman, Felix B., Rockaway Park, N. Y. Charm or similar article of jewelry. 102,597; Dec. 29.
- Volz, Frederick A., assignor to The Stanley Works, New Britain, Conn. Casing for flexible measuring rules. 98,098; Jan. 7.
- Von Hofe, George W., Bound Brook, N. J., and B. D. Dans, Brooklyn, N. Y., assignors to New Jersey Machine Corporation, Hoboken, N. J. Frame for labeling machines or similar articles. 102,460; Dec. 22.
- Von Nessen, Walter, New York, N. Y., assignor to A. H. Heisey & Company, Newark, Ohio. Glass plate or similar article. 101,410; Sept. 29.
- VonNessen, Walter, New York, N. Y. Glass sugar bowl or similar article. 101,900; Nov. 10.
- Vretman, Carl G., Atlanta, Ga. Humidifier. 100,235; June 30.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer. 101,656; Oct. 20.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer case. 101,657; Oct. 20.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer. 101,804; Nov. 3.
- Vuilleminot, Frederic A., Toledo, Ohio. Perfume dropper. 101,805; Nov. 3.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer. 101,806; Nov. 3.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer. 101,807; Nov. 3.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer case. 101,901; Nov. 10.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer. 101,902; Nov. 10.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer. 101,903; Nov. 10.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer case. 101,904; Nov. 10.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer. 102,011; Nov. 17.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer. 102,012; Nov. 17.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer. 102,013; Nov. 17.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer. 102,014; Nov. 17.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer case. 102,154; Dec. 1.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer case. 102,155; Dec. 1.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer case. 102,156; Dec. 1.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer case. 102,198; Dec. 1.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer. 102,199; Dec. 1.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer. 102,200; Dec. 1.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer. 102,201; Dec. 1.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer. 102,202; Dec. 1.
- Vuilleminot, Frederic A., Toledo, Ohio. Atomizer case. 102,532; Dec. 29.
- Wada, Chozo, Tokyo, Japan. Fountain pen. 100,351; July 7.



- Wadsworth, Arthur W., Fort Thomas, Ky., assignor to The Gruen Watch Company, Cincinnati, Ohio. Watch. 101,076; Sept. 1.
- Wagner, E. R., Manufacturing Company. (See Miller, Swift, assignor.)
- Wagner, Edward F., Philadelphia, Pa. Combined automobile and folding wing monoplane. 99,632; May 12.
- Wagner, Edward F., Philadelphia, Pa. Tailless monoplane with longitudinal side wings. 99,740; May 19.
- Wagner Electric Corporation. (See Graff, George R., assignor.)
- Wagner Manufacturing Company, The. (See Rideout, John G., assignor.)
- Wagner, Nicholas W., New York, N. Y. Basket. 100,402; July 14.
- Wahl Company, The. (See Back, Robert, assignor.)
- Wahl, Florence. (See Lesti, G., and Wahl.)
- Wahlbin, Fred W. (See Bramsen, S., and Wahlbin.)
- Waite, Philip C., Oshkosh, Wis. Tufted rug. 100,511; July 21.
- Waite, Philip C., Oshkosh, Wis. Tufted rug. 100,512; July 21.
- Wald Manufacturing Company. (See Pawsat, Ewald F., assignor.)
- Waldman, Mitchell, New York, N. Y. Setting for precious stones. 98,742; Feb. 25.
- Waldman, Mitchell, New York, N. Y. Setting for precious stones. 98,743; Feb. 25.
- Wales, Burton L., Abington, Mass. Shoe or similar article. 99,227; Apr. 7.
- Wales, Burton L., Abington, Mass. Shoe or similar article. 99,320; Apr. 14.
- Wales, Burton L., Abington, Mass. Shoe or similar article. 99,536; May 5.
- Walker, Albert M., Akron, assignor to The Bailey-Walker China Company, Bedford, Ohio. Plate or similar article. 99,228; Apr. 7.
- Walker, Alex., New York, N. Y. Pull tab for slide fasteners. 98,556; Feb. 11.
- Walker, George R. (See Bear, W. L., and Walker.)
- Walker, George W. (See Stallings, G. W., and Walker.)
- Wall, James J., assignor to Marathon Electric Manufacturing Corporation, Wausau, Wis. Fan bracket. 98,467; Feb. 4.
- Wall, Tallie C., Mount Vernon, Ill. Roller skate. 101,808; Nov. 3.
- Wallace Chine Co. (See Bird, Martha E., assignor.)
- Wallace Pencil Company. (See Davis, Albert L., assignor.)
- Wallace, R., & Sons Manufacturing Company. (See Warren, William S., assignor.)
- Walsh, John J., assignor to Hamilton, Brown Shoe Co., St. Louis, Mo. Shoe. 102,157; Dec. 1.
- Walter, Anton, New York, N. Y. Embroidered net. 101,905; Nov. 10.
- Walther, John L., New York, N. Y. Woven textile fabric. 100,745; Aug. 4.
- Walther, John L., New York, N. Y. Woven textile fabric. 100,746; Aug. 4.
- Walther, John L., New York, N. Y. Woven textile fabric. 102,098; Nov. 24.
- Walsh, John J., Maplewood, Mo. Shoe. 99,384; Apr. 21.
- Walsh, John J., Maplewood, assignor to Milius Shoe Company, St. Louis, Mo. Buckle. 98,099; Jan. 7.
- Walsh, John J., St. Louis, Mo., assignor to Alterson Co., Inc., New York, N. Y. Buckle. 98,972; Mar. 17.
- Walsh, John J., St. Louis, Mo., assignor to Alterson Co., Inc., New York, N. Y. Buckle. 98,973; Mar. 17.
- Walsh, John J., St. Louis, Mo., assignor to Alterson Co., Inc., New York, N. Y. Buckle. 99,061; Mar. 24.
- Walsh, John J., St. Louis, Mo., assignor to Alterson Co., Inc., New York, N. Y. Buckle. 99,062; Mar. 24.
- Walsh, John J., St. Louis, Mo., assignor to Alterson Co., Inc., New York, N. Y. Buckle. 100,058; June 16.
- Walsh, John J., St. Louis, Mo., assignor to Alterson Co., Inc., New York, N. Y. Buckle. 100,059; June 16.
- Walsh, John J., St. Louis, Mo., assignor to Alterson Co., Inc., New York, N. Y. Buckle. 100,060; June 16.
- Walsh, John J., St. Louis, Mo., assignor to Alterson Co., Inc., New York, N. Y. Buckle. 100,061; June 16.
- Walsh, John J., St. Louis, Mo., assignor to Alterson Co., Inc., New York, N. Y. Buckle. 100,062; June 16.
- Wandel, Kurt, assignor to Rieser Company, Inc., New York, N. Y. Combined carton and towel display. 98,468; Feb. 4.
- Wanderman, Gertrude, assignor to Knickerbocker Toy Co., New York, N. Y. Doll. 102,533; Dec. 29.
- Wanderman, Gertrude, assignor to Knickerbocker Toy Co., New York, N. Y. Toy doll. 102,534; Dec. 29.
- Wanderman, Gertrude, assignor to Knickerbocker Toy Co., New York, N. Y. Toy doll. 102,535; Dec. 29.
- Wangersheim, Edgar A., Chicago, Ill. Socket support for chandeliers. 100,590; July 28.
- Ward, Lawrence T., New York, N. Y., assignor to Sparklets Limited, Upper Edmonton, London, England. Siphon. 101,421; Sept. 29.
- Ward, Sterling, St. Joseph, Mo. Hobbyhorse. 101,077; Sept. 1.
- Warfield Company, The. (See Forsberg, Albin L., assignor.)
- Warner Jewelry Case Company. (See Dean, John R., assignor.)
- Warner, Selden G., West Orange, N. J. Diamond tool. 100,236; June 30.
- Warren Telechron Company. (See Green, Frank W., assignor.)
- Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 99,837; May 26.
- Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 101,151; Sept. 8.
- Warren, William S., Meriden, Conn., assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 102,173; Dec. 1.
- Wasyluk, Wasyl, Philadelphia, Pa. Toy wagon. 101,247; Sept. 15.
- Waterbury Button Company, The. (See Peebles, Robert D., assignor.)
- Waterfield, James, Philadelphia, Pa., assignor to Louis A. Silk & Company, Inc., New York, N. Y. Lace. 98,378; Jan. 28.
- Waterfield, James, Philadelphia, Pa., assignor to Louis A. Silk & Company, Inc., New York, N. Y. Lace. 98,487; Feb. 4.
- Waterfield, James, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 99,229; Apr. 7.
- Waterfield, James, assignor to Quaker Lace Company Incorporated, Philadelphia, Pa. Lace tablecloth. 99,469; Apr. 28.
- Waterfield, James, assignor to Quaker Lace Company Incorporated, Philadelphia, Pa. Lace tablecloth. 99,470; Apr. 28.
- Waterman, L. E., Company. (See Piazzoli, Theodore J., assignor.)
- Waterman, Max B., Chicago, Ill. Crucifix. 99,909; June 2.
- Waters, Thomas W., Camden, N. J., assignor to L. B. Wootton, Jacksonville, Fla. Whisk broom. 101,017; Aug. 25.
- Watson, Carlisle V., Auburn, Maine. Shoe. 98,700; Feb. 25.
- Watson Company. (See Ball, Percy B., assignor.)
- Watts, Marguerite. (See McQueary, Lela O.)
- Wayne Company. (See Griffin, William M., assignor.)
- Weaver, Harry R., Wilkes-Barre, Pa. Artificial bait. 101,906; Nov. 10.
- Weaver, Wentworth H. (See Rolfs, R. H., and Weaver.)
- Webber, Archie L., Springfield, Mass. Game board or the like. 99,741; May 19.
- Weber Bros. Metal Works. (See White, H. K., Stephen, and Ehrenfeld, assignors.)
- Weber Dental Manufacturing Company, The. (See Monnot, Edward L., assignor.)
- Weber, Frank R., Troy, assignor to Mohawk Brush Company, Albany, N. Y. Brush. 99,485; Apr. 28.
- Weber, John, Milton, assignor to Lewisburg Chair and Furniture Company, Lewisburg, Pa. Drawer pull. 101,658; Oct. 20.
- Weber, Mathias J. (See Vanderhoff, R. E., and Weber.)
- Weber, Max, Chicago, Ill. Fan wheel guard. 101,018; Aug. 25.
- Webster Electric Company. (See Fellows, Harrison E., assignor.)
- Webster Electric Company. (See Osborne, Herbert C., assignor.)
- Webster, Evelyn, Gloversville, N. Y. Glove. 101,758; Oct. 27.
- Webster, Evelyn, Gloversville, N. Y. Glove. 101,759; Oct. 27.
- Webster, Evelyn, Gloversville, N. Y. Glove. 101,927; Nov. 10.
- Wedemeyer, Eric. (See Cirelli, Leo, assignor.)
- Wedgwood, Josiah, & Sons, Inc., of America. (See Goodwin, John E., assignor.)
- Weeks, Robert W., New York, assignor to Art Crayon Company, Brooklyn, N. Y. Box for crayons. 100,610; July 28.
- Wege, John P., assignor to Brown & Bigelow, St. Paul, Minn. Brief case. 100,237; June 30.
- Webbe, Albert, Chicago, Ill. Knife or similar article. 99,652; May 12.
- Wehrle Company, The. (See Pickup, George E., assignor.)
- Weidner, William, New York, N. Y., assignor to The G. Edwin Smith Shoe Company, Columbus, Ohio. Shoe. 98,557; Feb. 11.
- Weigel, Louis G., Roselle, N. J. Canned beverage server. 101,659; Oct. 20.
- Weinberg, Florence, New York, N. Y. Bed sack or similar article. 101,844; Nov. 3.
- Weinbord, Morris, Chicago, Ill. Radio cabinet. 101,829; Nov. 3.
- Weiner, Albert. (See Handman, Maurice, assignor.)
- Weiner, George H., Chicago, Ill. Twin socket lighting unit. 102,015; Nov. 17.
- Weinrub, Israel, New York, N. Y. Curtain fabric. 99,537; May 5.
- Weinstat, Samuel, New York, N. Y. Shoe. 101,152; Sept. 8.
- Weinstein, Philip, Brooklyn, N. Y. Shoe. 99,910; June 2.
- Weir, Walter J. (See Macon, A. E., and Weir.)
- Weis, John P., Nyack, N. Y. Sewing machine casing. 98,558; Feb. 11.
- Weiskittel, Anton K., assignor to Harry C. W. Weiskittel Co., Inc., Baltimore, Md. Stove. 98,284; Jan. 21.
- Weiskittel, Harry C., Co. (See Weiskittel, Anton K., assignor.)



- Weisman, Harry, New York, N. Y. Textile fabric. 101,830; Nov. 3.
- Weisman, Harry, New York, N. Y. Nightgown. 102,536; Dec. 29.
- Weisman, Seymour, Brooklyn, assignor to Ansonia De Luxe Shops, Inc., New York, N. Y. Shoe. 101,907; Nov. 10.
- Weiss, Rose A., New York, N. Y. Blouse. 101,316; Sept. 22.
- Weissman, Beth, New York, N. Y. Lamp base or similar article. 98,100; Jan. 7.
- Weitz, Irene, Brooklyn, N. Y. Textile fabric or similar article. 102,473; Dec. 22.
- Welbilt Stove Company. (See Haley, James R., assignor.)
- Weld, Foster E., assignor to The Gamewell Company, Newton, Mass. Warning signal. 100,139; June 23.
- Welden, William A., Stamford, Conn. Refrigerator. 99,381; Apr. 21.
- Weldon, Myrtle, and I. C. Hagman, Lexington, Ky. Badge. 101,908; Nov. 10.
- Weller, E. E., Co. (See Ashton, Pearl F.)
- Weller, Ernest E. (See Ashton, Pearl F.)
- Weller, Ernest E. (See Felch, Carmen S., assignor.)
- Wellman, Lester R., Jr., Highland Park, Ill. Toy for making sand designs. 101,019; Aug. 25.
- Wellman, Lester R., Highland Park, Ill., assignor to Will Ross, Inc., Milwaukee, Wis. Head for portable lamps. 101,660; Oct. 20.
- Wells, Raymond L., Attleboro, assignor to American Optical Company, Southbridge, Mass. Eyeglass frame or similar article. 101,661; Oct. 20.
- Wells, Raymond L., Attleboro, assignor to American Optical Company, Southbridge, Mass. Spectacle frame. 101,662; Oct. 20.
- Wells, Raymond L., Attleboro, assignor to American Optical Company, Southbridge, Mass. Eyeglass frame or similar article. 101,663; Oct. 20.
- Wendell & Company. (See McCullough, Howard, assignor.)
- Wening, Frederick. (See Glatthar, G. E., and Wening.)
- Werner, Stanton E., Highland Park, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Can or similar container. 99,615; May 12.
- Werner, Wilbur S., South Fort Mitchell, Ky., assignor to The Kelley-Koett Manufacturing Company, Incorporated, Covington, Ky. -ray unit. 102,537; Dec. 29.
- Wernmark, Carl G., Hollywood, Calif. Shoe or similar article. 100,140; June 23.
- Wertheim, Adolph, New York, N. Y. Shoe or similar article. 99,997; June 16.
- Wertheim, Adolph, New York, N. Y. Shoe or similar article. 99,998; June 16.
- Wertheim, Adolph, New York, N. Y. Shoe or similar article. 100,885; Aug. 18.
- Wertheim, Adolph L., New York, N. Y. Shoe. 99,151; Mar. 31.
- Wertheimer, Samuel M., Brooklyn, assignor to Birnbach Radio Company, Inc., New York, N. Y. Casing for a combined coupling unit transformer and radio antenna lead-in support. 99,911; June 2.
- Werts, Fred W., Muncie, Ind. Jar. 98,899; Mar. 10.
- Wesel Manufacturing Company. (See Annick, Michael, assignor.)
- Wesley, Arthur, assignor to Burton-Dixie Corporation, Chicago, Ill. Combination back and arm rest for a couch or similar article. 99,382; Apr. 21.
- Wesp, George, assignor to Continental Ceramics Corporation, New York, N. Y. Plate or similar article. 101,153; Sept. 8.
- Wessig, August, Chicago, Ill. Direction indicator for vehicles. 98,630; Feb. 18.
- West Bend Aluminum Company. (See Kircher, Ralph N., assignor.)
- Westbrook, Marion O., Sonora, Tex. Boot jack. 102,043; Nov. 24.
- Western Clock Company. (See Blow, George W., assignor.)
- Western Clock Company. (See Schlenker, Max, assignor.)
- Western Corset Company. (See Andrus, Zelta M., assignor.)
- Western Electric Company. (See Kivley, Ray C., assignor.)
- Western Molded Products, Inc. (See LeClercq, Raymond, assignor.)
- Western Railroad Supply Company. (See Gort, Godfrey, assignor.)
- Westfall, William R., Key Gardens, N. Y., and D. L. Spender, Waterbury, Conn., assignors to Scovill Manufacturing Company, Waterbury, Conn. Flashlight casing. 102,215; Dec. 1.
- Westfield Manufacturing Company, The. (See Heller, Robert, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hadley, Donald L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kruck, Ralph E., assignor.)
- Westinghouse Electric and Manufacturing Company. (See Winkler, Frederic C., assignor.)
- Westinghouse Lamp Company. (See O'Brien, Joseph F., assignor.)
- Weston, Alexander S., New York, N. Y. Flashlight. 101,747; Oct. 27.
- Weston, Alexander S., New York, N. Y. Polygonal cigarette lighter. 102,461; Dec. 22.
- Weston Electrical Instrument Corporation. (See Clark, Phillip G., assignor.)
- Weston Electrical Instrument Corporation. (See Guild, Lurelle, assignor.)
- Weston Electrical Instrument Corporation. (See Pierce, Raymond T., assignor.)
- Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Vanity case. 98,488; Feb. 4.
- Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Hand mirror. 100,747; Aug. 4.
- Wexelblatt, Abraham S., assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 102,044; Nov. 24.
- Wexelblatt, Abraham S., assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 102,045; Nov. 24.
- Wexelblatt, Abraham S., assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 102,046; Nov. 24.
- Wexelblatt, Abraham S., assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 102,099; Nov. 24.
- Wharton, Thomas E., Fairfield, Conn. Display case. 99,690; May 19.
- Wheary, George H., assignor to Wheary Trunk Company, Racine, Wis. Textile fabric. 100,807; Aug. 11.
- Wheary Trunk Company. (See Wheary, George H., assignor.)
- Whitall Tatum Company. (See Goggin, James F., assignor.)
- Whitall Tatum Company. (See Steelman, James S., assignor.)
- White, Arthur, assignor to Uxbridge Worsted Company, Inc., Uxbridge, Mass. Textile fabric. 99,691; May 19.
- White, Arthur H., Cherrydale, Va. Lamp shade. 99,768; May 26.
- White, George H. (See Posser, P. B., and White.)
- White, Harold K., G. A. Stephen, and L. Ehrenfeld, assignors to Weber Bros. Metal Works, Chicago, Ill. Mashing apparatus or similar article. 101,909; Nov. 10.
- White, J. J., Manfg. Co. (See Scholes, Howard S., assignor.)
- White, Morris, New York, N. Y. Handbag. 98,285; Jan. 21.
- White, Morris, New York, N. Y. Leather or similar article. 98,656; Feb. 18.
- White, Morris, New York, N. Y. Handbag. 99,633; May 12.
- White Motor Company, The. (See de Sakhnoffsky, Alexis, assignor.)
- White Motor Co., The et al. (See Naegele, Ray W., assignor.)
- White, William D., Algona, Iowa. Store. 102,100; Nov. 24.
- Whitehead & Kales Company. (See Judd, Irving H., assignor.)
- Whitestone, Louis J., New York, N. Y. Match book. 99,969; June 9.
- Whitestone, Louis J., New York, N. Y. Match book. 101,020; Aug. 25.
- Whittaker, Frederick A., assignor to Marathon Company, Attleboro, Mass. Combined cigarette container and pyrophoric lighter. 99,100; Mar. 24.
- Wick, André, assignor to Houbigant, Inc., New York, N. Y. Bottle. 99,634; May 12.
- Wiegand, John R., St. Louis, Mo. Match holder. 98,789; Mar. 3.
- Wiand, Evelyn K., Baltimore, Md. Lamp. 99,230; Apr. 7.
- Wiener, Jack, New York, N. Y. Lace. 102,216; Dec. 1.
- Wiener, Jack, New York, N. Y. Lace. 102,217; Dec. 1.
- Wiener, Jack, New York, N. Y. Lace. 102,218; Dec. 1.
- Wiener, Jack, New York, N. Y. Lace. 102,219; Dec. 1.
- Wiener, Jack, New York, N. Y. Lace. 102,243; Dec. 1.
- Wiener, Joseph D., New York, N. Y. Lace. 98,127; Jan. 7.
- Wiener, Joseph D., New York, N. Y. Lace. 98,128; Jan. 7.
- Wiener, Joseph D., New York, N. Y. Lace. 98,129; Jan. 7.
- Wiener, Joseph D., New York, N. Y. Lace. 98,130; Jan. 7.
- Wiener, Joseph D., New York, N. Y. Lace. 98,131; Jan. 7.
- Wiener, Joseph D., New York, N. Y. Lace. 98,132; Jan. 7.
- Wiener, Joseph D., New York, N. Y. Lace. 98,192; Jan. 14.
- Wiener, Joseph D., New York, N. Y. Lace. 98,193; Jan. 14.
- Wiener, Joseph D., New York, N. Y. Lace. 98,194; Jan. 14.
- Wiener, Joseph D., New York, N. Y. Lace. 98,195; Jan. 14.
- Wiener, Joseph D., New York, N. Y. Lace. 98,196; Jan. 14.
- Wiener, Joseph D., New York, N. Y. Lace. 98,197; Jan. 14.
- Wiener, Joseph D., New York, N. Y. Lace. 98,198; Jan. 14.
- Wiener, Joseph D., New York, N. Y. Lace. 98,379; Jan. 28.
- Wiener, Joseph D., New York, N. Y. Lace. 98,469; Feb. 4.
- Wiener, Joseph D., New York, N. Y. Lace. 98,701; Feb. 25.
- Wiener, Joseph D., New York, N. Y. Lace. 98,702; Feb. 25.
- Wiener, Joseph D., New York, N. Y. Lace. 98,703; Feb. 25.
- Wiener, Joseph D., New York, N. Y. Lace. 98,704; Feb. 25.
- Wiener, Joseph D., New York, N. Y. Lace. 98,705; Feb. 25.
- Wiener, Joseph D., New York, N. Y. Lace. 98,900; Mar. 10.
- Wiener, Joseph D., New York, N. Y. Lace. 100,905; Aug. 18.



- Wiener, Joseph D., New York, N. Y. Lace. 100,906; Aug. 18.
- Wiener, Joseph D., New York, N. Y. Lace. 100,907; Aug. 18.
- Wiener, Joseph D., New York, N. Y. Lace. 100,908; Aug. 18.
- Wiener, Joseph D., New York, N. Y. Lace. 100,909; Aug. 18.
- Wiener, Joseph D., New York, N. Y. Lace. 100,910; Aug. 18.
- Wiener, Joseph D., New York, N. Y. Lace. 100,911; Aug. 18.
- Wiesmann, Joseph W., assignor to H. H. Robertson Company, Pittsburgh, Pa. Electrical floor fitting. 100,082; June 16.
- Wiggins, Richard B., Chicago, Ill. Vending machine slug or similar article. 99,838; May 26.
- Wight, Frank L., Distilling Company, The. (See Fuerst, Brooks D., assignor.)
- Wigley, John T., assignor to Onondaga Pottery Company, Syracuse, N. Y. Plate or similar article. 100,238; June 30.
- Wilcox, Charles P., Mansfield, Ohio, assignor to The Fisk Rubber Corporation, Chicopee Falls, Mass. Tire. 98,816; Mar. 3.
- Wilcox, Merton. (See Wilcox, Roland and M.)
- Wilcox, Roland E., Chicago, and M. Wilcox, Palatine, Ill. Oil burner or similar article. 102,538; Dec. 29.
- Wilde, Hans W., North Bergen, N. J. Textile fabric. 99,591; May 12.
- Wilde, Hans W., North Bergen, N. J. Textile fabric. 99,692; May 19.
- Wilde, Hans W., North Bergen, N. J. Textile fabric. 99,766; May 19.
- Wilde, Hans W., North Bergen, N. J. Textile fabric. 100,534; July 21.
- Wilde, Hans W., North Bergen, N. J. Textile fabric. 100,748; Aug. 4.
- Wilde, Hans W., North Bergen, N. J. Textile fabric. 100,749; Aug. 4.
- Wilde, Hans W., North Bergen, N. J. Textile fabric. 102,296; Dec. 8.
- Wilde, Hans W., North Bergen, N. J. Textile fabric. 102,474; Dec. 22.
- Wiley, Lee M., assignor to Delta Electric Company, Marion, Ind. Lamp. 99,755; May 19.
- Wiley, Lee M., assignor to Delta Electric Company, Marion, Ind. Combined horn and lamp. 102,404; Dec. 15.
- Wilkening Manufacturing Company. (See Shuler, Clyde F., assignor.)
- Wilkinson, Ellis H., Pottstown, Pa. Water heater cabinet. 98,559; Feb. 11.
- Wilkinson, Ellis H., Pottstown, Pa. Water heater cabinet. 98,631; Feb. 18.
- Will, Carl H., assignor to Tropic-Aire, Incorporated, Minneapolis, Minn. Automobile heater. 99,101; Mar. 24.
- Will, Carl H., assignor to Tropic-Aire, Incorporated, Minneapolis, Minn. Automobile heater. 100,931; Aug. 18.
- Will, Carl H., and H. W. Fink, assignors to Tropic-Aire, Incorporated, Minneapolis, Minn. Automobile heater. 102,101; Nov. 24.
- Willard, James O., Cleveland Heights, assignor to The Mills Company, Cleveland, Ohio. Hinge unit. 101,184; Sept. 8.
- Willey, Richard W. (See Richardson, B. E., and Willey.)
- Willheim, William, Co. Inc. (See Castro, Emanuel, assignor.)
- Williams, David, Beverly Hills, Calif., assignor to W. A. Sheaffer Pen Company, Fort Madison, Wis. Fountain pen holder desk unit. 101,910; Nov. 10.
- Williams, David S., Portland, Ore. Drain. 101,978; Nov. 17.
- Williams, Harry E., St. Louis, Mo. Shoe. 99,231; Apr. 7.
- Williams, Joseph C., Seattle, Wash. Ice cream machine cabinet. 101,602; Oct. 13.
- Williams, Noble N. (See Seibert, L. B., and Williams.)
- Williams, Othnell G., assignor to William L. Gilbert Clock Corporation, Winsted, Conn. Clock case. 101,722; Oct. 27.
- Williams, Othnell G., assignor to William L. Gilbert Clock Corporation, Winsted, Conn. Combination clock dial, hands, weather and temperature indicator. 101,723; Oct. 27.
- Williams, Paul G., Portsmouth, Ohio. Shoe. 99,383; Apr. 21.
- Wilmet, Georges, New York, N. Y., assignor to Armstrong Cork Company, Lancaster, Pa. Container. 102,016; Nov. 17.
- Wilmet, Georges, New York, N. Y., assignor to Armstrong Cork Company, Lancaster, Pa. Container cap. 102,174; Dec. 1.
- Wilmet, Georges, New York, N. Y., assignor to Armstrong Cork Company, Lancaster, Pa. Container cap. 102,462; Dec. 22.
- Wilmsen, Bernard. (See Kranz, P., and Schmid, assignors.)
- Wilson & Bennett Manufacturing Company. (See Bennett, Stevens A., assignor.)
- Wilson, Joseph P., Atlanta, Ga. Astrological and mystic robot. 99,321; Apr. 14.
- Wilson, Peter, Berkeley, Calif. Showcase. 102,022; Nov. 17.
- Wilson, Roscoe C. (See Taylor, J. G., Wilson, Kelsey, and Swanson.)
- Wilson, Roscoe C., B. S. Kelsey, Fairfield, and O. A. Swanson, Dayton, Ohio. Midwing, tandem propeller, pusher monoplane. 100,609; July 28.
- Wilson, Roscoe C., Fairfield, Ohio, and O. A. Swanson, Santa Monica, Calif. Tandem motored biplane. 101,928; Nov. 10.
- Wilson, Stella, Omaha, Nebr. May basket. 101,078; Sept. 1.
- Wilson, Wesley, Chicago, Ill. Reflector or similar lighting fixture. 98,286; Jan. 21.
- Winans, Albert K., Toledo, Ohio. Game board. 100,886; Aug. 18.
- Winch, Mae, San Francisco, Calif. Detachable bathtub seat. 99,970; June 9.
- Windbiel, Joseph C., assignor to Mead Johnson & Company, Evansville, Ind. Combination screw cap and dropper for bottles. 101,575; Oct. 13.
- Wind-Power Manufacturing Company. (See Vaughn, George A., assignor.)
- Winer, Samuel, Haverhill, Mass. Shoe. 98,632; Feb. 18.
- Wingfoot Corporation. (See Brittain, Harold A., assignor.)
- Wingfoot Corporation. (See MacKusick, William P., assignor.)
- Wingfoot Corporation. (See Thomas, Joseph C., assignor.)
- Wingfoot Corporation. (See van Doren, Harold L., assignor.)
- Winkler, Frederic C., Lakewood, Ohio, assignor to Westinghouse Electric and Manufacturing Company. Lighting fixture. 101,317; Sept. 22.
- Winkler, Lillian S., El Paso, Tex. Ash tray. 98,706; Feb. 25.
- Winkler, Lillian S., Dallas, Tex. Handkerchief or similar article. 100,977; Aug. 25.
- Winkler, Max W., Bethlehem, Pa., assignor to Queen City Textile Corporation, Allentown, Pa. Glove. 98,901; Mar. 10.
- Winter, Arthur, Weehawken, N. J. Fountain pen or similar article. 98,560; Feb. 11.
- Winter & Co. (See Heller, Henry R., assignor.)
- Winter & Co. (See Zaiser, William, assignor.)
- Wipperman, Hildegard, assignor to The H. W. Gossard Co., Chicago, Ill. Foundation garment for women. 102,102; Nov. 24.
- Wise, Jacob H., Chicago, Ill. Monument. 102,047; Nov. 24.
- Wise, Ralph H., assignor to Edwards Iron Works, Incorporated, South Bend, Ind. House trailer. 102,598; Dec. 29.
- Wiss, J., & Sons Co. (See Rauh, Frederic H., assignor.)
- Wisser, Fred, Elmhurst, N. Y. Parer or similar article. 102,158; Dec. 1.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Camera casing. 99,063; Mar. 24.
- Wolcott, Frank E., West Hartford, assignor to The Silux Company, Hartford, Conn. Back bar unit. 99,232; Apr. 7.
- Wolf, Abraham, assignor to Noma Electric Corporation, New York, N. Y. Tree stand or similar article. 100,808; Aug. 11.
- Wolf, Milton M., assignor to Drucker-Wolf, Inc., New York, N. Y. Textile fabric or similar article. 101,422; Sept. 29.
- Wolf, William, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 99,233; Apr. 7.
- Wolf, William, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 99,234; Apr. 7.
- Wolfe, Curt, New York, N. Y. Shoe. 98,199; Jan. 14.
- Wolffs, Sigmund L., Chicago, Ill. Flower vase. 98,633; Feb. 18.
- Wolffs, Sigmund L., Chicago, Ill. Statuette or similar article. 99,979; June 9.
- Wolfsen, Abraham M., Chicago, Ill., assignor to The Vitro Agate Co., Parkersburg, W. Va. Lamp. 98,235; Apr. 7.
- Wollensak, Andrew, and G. F. Pirwitz, assignors to Wollensak Optical Company, Rochester, N. Y. Prism binocular. 98,790; Mar. 3.
- Wollensak Optical Company. (See Wollensak, A., and Pirwitz.)
- Wood, Gar, Industries, Inc. (See Frazier, John F., assignor.)
- Wood, Harry F., Jr., Burslem, England, assignor to Continental Ceramics Corporation, New York, N. Y. Plate or similar article. 98,561; Feb. 11.
- Wood, Harry F., Jr., Burslem, England, assignor to Continental Ceramics Corporation, New York, N. Y. Plate or similar article. 98,562; Feb. 11.
- Woodfield, Albert A., Centralia, Wash. Tray. 101,154; Sept. 8.
- Woodruff, William N. (See Seeburg, N. M., Woodruff, and Shelley.)
- Woodside, Kate P., Greenville, S. C. Massage roller. 102,072; Nov. 24.
- Woodward, Emmett E., San Mateo, and J. P. Callahan, San Francisco, Calif. Motor vehicle ventilator. 100,239; June 30.
- Woodward, F. Russell, Attleboro, Mass., assignor to The Alvin Corporation, Providence, R. I. Spoon or other article of flatware. 100,887; Aug. 18.
- Woodward, F. Russell, Attleboro, Mass., assignor to The Alvin Corporation, Providence, R. I. Spoon or other article of flatware. 100,888; Aug. 18.
- Woolfe, William S., assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. 98,412; Jan. 28.



- Wooster, Vernon, assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Wringer for a domestic washing machine. 99,152; Mar. 31.
- Wootton, Lucius B. (See Waters, Thomas W., assignor.)
- Worms, Maurice, Paris, France. Clock or similar article. 100,403; July 14.
- Worms, Maurice, Paris, France. Watchcase. 100,404; July 14.
- Worth, Frederick W., Chicago, Ill. Table or the like. 100,141; June 23.
- Worthington, Everett, Chicago, Ill., assignor to Coca-Cola Company, Atlanta, Ga. Bottle crate. 98,200; Jan. 14.
- Worthington, Everett, Chicago, Ill., assignor to Coca-Cola Company, Atlanta, Ga. Beverage dispensing device. 98,974; Mar. 17.
- Worthington, Everett, Chicago, Ill. Sirup dispensing container or similar article. 101,724; Oct. 27.
- Wright, Ernest B., Montclair, assignor to Hanlon & Goodman Co., Belleville, N. J. Combined advertising display stand and brushes therefor. 100,240; June 30.
- Wright, Harland F., Woodside, N. Y. Buckle. 98,101; Jan. 7.
- Wright, Harland F., New York, N. Y. Buckle. 98,451; Feb. 4.
- Wright, Harland F., New York, N. Y. Bootee. 100,241; June 30.
- Wright, Harland F., New York, N. Y. Bootee. 100,242; June 30.
- Wright, Harland F., New York, N. Y., assignor to Stetson Shoe Co., Inc., South Weymouth, Mass. Shoe. 102,159; Dec. 1.
- Wright, Horace C., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Water sprinkler. 99,471; Apr. 28.
- Wright, James L., Hamilton, Ontario, Canada. Combined vending and display stand. 101,155; Sept. 8.
- Wright, Russel, New York, N. Y. Cabinet. 98,634; Feb. 18.
- Wright, Russel, New York, N. Y. Buffet. 98,635; Feb. 18.
- Wright, Russel, New York, N. Y. Chest of drawers. 98,636; Feb. 18.
- Wright, Russel, New York, N. Y. Adjustable chair. 98,637; Feb. 18.
- Wright, Thomas O., Atlanta, Ga. Combined electric cigar lighter and support. 100,978; Aug. 25.
- Wrigley, Philip K., assignor to Wm. Wrigley Jr., Company, Chicago, Ill. Match book cover. 100,809; Aug. 11.
- Wrigley, Wm., Jr., Company. (See Wrigley, Philip K., assignor.)
- Wunderley, Elsie H. (See Towne, C. G., and Wunderley.)
- Wurlitzer Grand Piano Company. (See Farny, Cyril, assignor.)
- Wurlitzer Grand Piano Company. (See Zaiser, William, assignor.)
- Wurlitzer, Rudolph, Company, The. (See Zaiser, William, assignor.)
- Wurlitzer, Rudolph, Manufacturing Company, The. (See Fuller, Paul M., assignor.)
- Wymer, George E., Dayton, Ohio. Combination ash tray, cigarette holder, and smoker. 98,563; Feb. 11.
- Yale Fabrics Corp. (See Bardet, Germaine, assignor.)
- Yale Fabrics Corp. (See Castro, Emanuel, assignor.)
- Yale Fabrics Corp. (See Christen, Marcel, assignor.)
- Yale Fabrics Corp. (See Reiman, Paul, assignor.)
- Yantis, Roy, Overland Park, Mission Township, Kans. Hedge trimmer. 99,971; June 9.
- Yardley & Co. (See Capey, Reco, assignor.)
- Yellin, Israel, New York, N. Y. Coat. 101,097; Sept. 1.
- Yellin, Israel, New York, N. Y. Coat. 101,098; Sept. 1.
- Yelm, Charles W., assignor to The Gates Rubber Company, Denver, Colo. Tire casing. 100,591; July 28.
- Young, D'Arcy A., Jr. (See Teague, W. D., and Young.)
- Young, Douglas, Inc. (See Young, Lewis D., assignor.)
- Young, Fred M., Racine, Wis. An automobile heater shell or similar article. 101,725; Oct. 27.
- Young, Leonard P., New York, N. Y. Health lamp. 98,791; Mar. 3.
- Young, Lewis D., Providence, R. I., assignor to Douglas Young, Inc. Receptacle for manicure implements or similar article. 101,093; Sept. 1.
- Young, Paul C., and M. F. Crawford, Kansas City, Mo. Lawn mower. 101,512; Oct. 6.
- Youngberg, Walter K., Meriden, Conn. Table server for cheese or the like. 102,160; Dec. 1.
- Zahn, Max, New York, N. Y. Dress. 98,413; Jan. 28.
- Zahn, Max, New York, N. Y. Dress. 98,975; Mar. 17.
- Zahn, Samuel, New York, N. Y. Dress. 101,513; Oct. 6.
- Zaiser, William, Rockville Centre, N. Y., assignor to Winter & Co. Upright piano. 98,102; Jan. 7.
- Zaiser, William, Rockville Centre, N. Y., assignor to Winter & Co. Upright piano. 98,103; Jan. 7.
- Zaiser, William, Rockville Centre, N. Y., assignor to Winter & Co. Upright piano. 98,104; Jan. 7.
- Zaiser, William, Rockville Centre, N. Y., assignor to Wurlitzer Grand Piano Company, De Kalb, Ill. Piano. 99,322; Apr. 14.
- Zaiser, William, Rockville Centre, N. Y., assignor to Wurlitzer Grand Piano Company, De Kalb, Ill. Piano. 101,296; Sept. 22.
- Zaiser, William, Rockville Centre, N. Y., assignor, by mesne assignments, to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Piano. 102,490; Dec. 22.
- Zalusky, Joseph M. (See Reynolds, C., and Kucera, assignors.)
- Zeitlin, Joseph, New York, N. Y. Candlelight or similar article. 98,564; Feb. 11.
- Zeitlin, Joseph, New York, N. Y. Candlelight or similar article. 98,565; Feb. 11.
- Zendman, Isaac, Jr., New York, N. Y. Lace. 102,244; Dec. 1.
- Zendman, Isaac, Jr., New York, N. Y. Lace. 102,245; Dec. 1.
- Zendman, Isaac, Jr., New York, N. Y. Lace. 102,405; Dec. 15.
- Zenith Radio Corporation. (See Blazey, Lawrence, assignor.)
- Zenith Radio Corporation. (See Stevens, John, assignor.)
- Zerk, Oscar U., Chicago, Ill. Cover for spare wheels and tires of automotive vehicles. 98,902; Mar. 10.
- Zettergren, Carl R., New York, N. Y. Ash receiver. 99,172; Mar. 31.
- Zettler, Emil R., Deerfield, Ill., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Kettle. 99,425; Apr. 21.
- Zetzmann, William G., assignor to Dr. Pepper Bottling Company, Inc., New Orleans, La. Bottle. 99,653; May 12.
- Zidek, Stephen, Chicago, Ill. Lamp. 101,411; Sept. 29.
- Ziegler, Lewis D., 3d, Swarthmore, assignor to Laird Schober Company, Inc., Philadelphia, Pa. Shoe. 101,476; Oct. 6.
- Ziem, Roy H., Los Angeles, Calif. Chair. 99,980; June 9.
- Zimmerman, Willard P., Muncie, Ind., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Glass building block. 99,102; Mar. 24.
- Zinkil, Roy H. (See Dreyfuss, H., and Zinkil.)
- Zohrer, Edwin, North Tarrytown, N. Y. Combined radiator shell and head lamp. 101,431; Sept. 29.
- Zohrer, Edwin, North Tarrytown, N. Y. Combined radiator shell and head lamp. 101,432; Sept. 29.
- Zohrer, Edwin, North Tarrytown, N. Y. Combined radiator shell and head lamp. 101,433; Sept. 29.
- Zola, Hector G., Cleveland, Ohio. Service stand. 100,343; July 7.
- Zuckerman, Harry, New York, N. Y. Coat. 101,911; Nov. 10.
- Zuckerman, Harry, New York, N. Y. Coat. 101,912; Nov. 10.
- Zuckerman, Harry, New York, N. Y. Coat. 101,913; Nov. 10.
- Zuckerman, Harry, New York, N. Y. Coat. 101,914; Nov. 10.
- Zuckerman, Harry, New York, N. Y. Coat. 101,915; Nov. 10.
- Zuckerman, Henry, New York, N. Y. Shoe. 101,977; Nov. 17.
- Zuckerman, Martin, Cincinnati, Ohio. Shoe. 100,003; June 16.

## LIST OF DISCLAIMERS

- Adams, Herbert L., Washington, D. C. Disclaimer filed by the patentee and the assignee, Irving Air Chute Co. Inc. No. 1,780,704; disclaimer filed Mar. 20, 1936; v. 465; p. 241.
- Allen, Earl M., Swissvale, Pa. Disclaimer filed by the assignee, The Union Switch & Signal Company. No. 1,974,840; disclaimer filed Sept. 9, 1936; v. 471; p. 241.
- Alsaker, Alfred, Weldon O. Hampton, and Charles A. Koerner, Chicago, Ill. Disclaimer filed by the assignee, The Delta-Star Electric Company, the patentees joining and concurring. No. 1,854,441; disclaimer filed Jan. 6, 1936; v. 463; p. 8.
- Amy, Ernest Valentine, and Julius Gourgues Aceves, New York, N. Y. Disclaimer filed by the assignee, Amy, Aceves & King, Incorporated. No. 1,938,092; disclaimer filed Sept. 23, 1936; v. 471; p. 241.
- Anderson, James L., Closter, N. J. Disclaimer filed by the assignee, Air Reduction Company, Incorporated. No. 2,030,842; disclaimer filed Nov. 14, 1936; v. 472; p. 231.
- Anderson, Samuel M., Sharon, Mass. Disclaimer filed by the assignee, B. F. Sturtevant Company, Inc. Re. No. 19,748; disclaimer filed Aug. 5, 1936; v. 469; p. 761.
- Andrews, Frank W., Dayton, Ohio. Disclaimer filed by the assignee, General Motors Corporation. No. 1,890,451; disclaimer filed Jan. 24, 1936; v. 463; p. 697.
- Armstrong, Edwin H., New York, N. Y. Disclaimer filed by the patentee. No. 1,941,447; disclaimer filed Mar. 25, 1936; v. 465; p. 466.
- Arnold, Harold D., East Orange, N. J. Disclaimer filed by the assignee, Western Electric Company, Incorporated. No. 1,485,156; disclaimer filed Dec. 20, 1935; v. 462; p. 256.



- Baily, Robert W., Philadelphia, Pa. Disclaimer filed by the patentee. No. 1,876,271; disclaimer filed Jan. 8, 1936; v. 463; p. 8.
- Barnhart, George E., Pasadena, Calif. Disclaimers filed by the patentee. Nos. 1,639,547 and 1,639,548; disclaimers filed Aug. 8, 1936; v. 470; p. 10.
- Bauman, John J., Springfield, Mass. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 1,934,608; disclaimer filed Mar. 31, 1936; v. 465; p. 466.
- Beatty, Dana C., New York, N. Y. Disclaimer filed by the assignee, Gynex Corporation. No. 1,870,942; disclaimer filed Oct. 9, 1936; v. 472; p. 1.
- Bell, Charles W., Wilkinsburg, Pa. Disclaimer filed by the assignee, The Union Switch & Signal Company. No. 1,946,186; disclaimer filed Mar. 12, 1936; v. 464; p. 955.
- Bergman, Ture Viktor, Halsingborg, and Hilding Adolf Svedberg, Halmstad, Sweden. Disclaimer filed by the assignee, The Borden Company. No. 1,944,541; disclaimer filed Nov. 23, 1936; v. 473; p. 491.
- Black, John C., Los Angeles, Calif. Disclaimer filed by the assignee, Gasoline Products Company, Inc. Re. No. 18,517; disclaimer filed Dec. 19, 1935; v. 462; p. 256.
- Blanchard, Frederick C., Dorchester, Mass. Disclaimer filed by the patentee; Rivett Lathe & Grinder Inc., exclusive licensee, consenting. No. 1,900,754; disclaimer filed Mar. 23, 1936; v. 465; p. 241.
- Blicke, Frederic F., Ann Arbor, Mich. Disclaimer filed by the assignee, Regents of the University of Michigan. No. 1,980,966; disclaimer filed Oct. 29, 1936; v. 472; p. 735.
- Blodgett, Charles A., South Brewer, and Hugo H. Hanson, Bangor, Maine. Disclaimer filed by the assignee, Eastern Manufacturing Company. No. 1,831,436; disclaimer filed Dec. 10, 1935; v. 462; p. 257.
- Bloom, Otto I., and Samuel I. S. Friedman, New York, N. Y. Disclaimer filed by the assignee, Mergenthaler Linotype Company. No. 2,006,435; disclaimer filed Aug. 15, 1936; v. 470; p. 498.
- Bolt, Joseph Clarence, Boston, and Curt I. Johnson, Worcester, Mass. Disclaimer filed by the assignee, International Business Machines Corporation. No. 1,870,230; disclaimer filed Mar. 17, 1936; v. 465; p. 1.
- Boyard, Paul F., and Theodore D. Beckwith, Berkeley, Calif. Disclaimer filed by the assignee, Wallace & Tiernan Company, Inc.; the licensee, Great Western Electro-Chemical Company, acquiescing. No. 1,884,546; disclaimer filed Sept. 1, 1936; v. 470; p. 948.
- Brady, Charles V., Webster Groves, and Frank R. Linda, St. Louis, Mo. Disclaimer filed by the assignee, Bemis Bros. Bag Co. No. 2,003,337; disclaimer filed July 29, 1936; v. 469; p. 761.
- Breizy, Charles Everett, Pittsfield, Mass. Disclaimer filed by the patentee. No. 1,976,831; disclaimer filed Aug. 20, 1936; v. 470; p. 717.
- Brownlee, William K., and Michael J. Owens, Toledo, Ohio. Disclaimer filed by the assignee of one-half interest, Laclede-Christy Clay Products Company. No. 1,809,105; disclaimer filed June 26, 1936; v. 469; p. 520.
- Brownlee, William K., and Michael J. Owens, Toledo, Ohio. Disclaimer filed by the assignee of one-half interest, Owens-Illinois Glass Company. No. 1,809,105; disclaimer filed Sept. 30, 1936; v. 471; p. 703.
- Buchanan, Leslie B. M., Springfield, Mass. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 1,967,019; disclaimer filed Apr. 2, 1936; v. 465; p. 719.
- Carr, William P., and Robert W. Tracey, Toledo, Ohio. Disclaimer filed by the patentees. No. 1,969,205; disclaimer filed Feb. 29, 1936; v. 464; p. 479.
- Castricum, Martin, Springfield, Mass. Disclaimer filed by the assignee, The Fisk Rubber Corporation. No. 1,500,232; disclaimer filed Nov. 21, 1936; v. 473; p. 231.
- Clark, Charles C., St. Bernard, Ohio. Disclaimer filed by the assignee, The Proctor & Gamble Co. No. 2,006,309; disclaimer filed Dec. 18, 1935; v. 462; p. 258.
- Clifford, Walter B., Framingham, Mass. Disclaimer filed by the assignee, Clifford Manufacturing Co. No. 1,689,620; disclaimer filed Mar. 5, 1936; v. 464; p. 955.
- Cottrell, Robert B., Chicago, Ill. Disclaimer filed by the patentee; the assignee, American Steel Foundries, approving. No. 1,970,841; disclaimer filed May 11, 1936; v. 467; p. 8.
- Couch, Forrest J., Spencerport, and James F. Wallace, Rochester, N. Y. Disclaimer filed by the assignee, The Apex Electrical Manufacturing Company. No. 1,325,234; disclaimer filed Oct. 15, 1936; v. 472; p. 251.
- Cowley, James T., Syracuse, N. Y. Disclaimers filed by the assignee, The Lamson Company. Nos. 1,769,676 and 1,769,677; disclaimers filed June 19, 1936; v. 468; p. 1.
- Cramer, Stanley S., Haddon Heights, N. J. Disclaimer filed by the patentee; the assignee, Condenser Development Corporation, consenting. No. 1,800,719; disclaimer filed Aug. 29, 1936; v. 470; p. 948.
- Dantscher, Josef, Berlin-Reinickendorf-Ost, Germany. Disclaimer filed by the assignee, General Electric Company. No. 1,957,249; disclaimer filed Nov. 7, 1936; v. 473; p. 1.
- Dick, Ralph H., and Carl F. Wolters, Marietta, Ohio. Disclaimer filed by the assignee, Remington Rand Inc. Re. No. 15,529; disclaimer filed Mar. 4, 1936; v. 464; p. 954.
- Dodge, Adiel Y., South Bend, Ind. Disclaimer filed by the assignee, The Lubrication Corporation. No. 2,007,270; disclaimer filed Feb. 24, 1936; v. 464; p. 479.
- Dodge, Parker, Chevy Chase, Md. Disclaimer filed by the assignee, The New York Air Brake Company. No. 1,958,511; disclaimer filed Oct. 29, 1936; v. 472; p. 735.
- Eisele, Charles W., Detroit, Mich. Disclaimer filed by the assignee, Chrysler Corporation. No. 1,991,199; disclaimer filed Apr. 25, 1936; v. 466; p. 488.
- Eitel, William W., and Jack McCullough, San Bruno, Calif. Disclaimer filed by the assignee, Heintz & Kaufman, Ltd. No. 2,012,038; disclaimer filed Oct. 16, 1936; v. 472; p. 251.
- Farley, Eliot, and Nathaniel R. Landon, Mount Kisco, N. Y. Disclaimer filed by the assignee, Delaware, Lackawanna & Western Coal Company. No. 1,748,335; disclaimer filed Mar. 3, 1936; v. 464; p. 709.
- Field, Oscar R., Rochester, N. Y. Disclaimer filed by the assignee, General Railway Signal Company. No. 1,969,065; disclaimer filed Oct. 10, 1936; v. 472; p. 1.
- Finch, William G. H., Washington, D. C. Disclaimer filed by the patentee. Re. No. 19,575; disclaimed filed Mar. 10, 1936; v. 465; p. 466.
- Finck, Joseph Louis, Washington, D. C. Disclaimer filed by the patentee and the assignee, I. Richard Paris. No. 1,883,774; disclaimer filed Feb. 3, 1936; v. 463; p. 697.
- Flanders, Ralph E., Springfield, Vt. Disclaimer filed by the assignee, Jones & Lamson Machine Company. No. 1,931,652; disclaimer filed Apr. 4, 1936; v. 465; p. 719.
- Folberth, Frederick G., and William M. Folberth, Cleveland, Ohio. Disclaimer filed by the patentees. No. 1,945,807. Disclaimer filed Dec. 9, 1935; v. 462; p. 258.
- Frankl, Mathias, Augsburg, Germany. Disclaimer filed by the assignee, American Oxythermic Corporation. No. 1,974,065; disclaimer filed Feb. 27, 1936; v. 464; p. 479.
- Freeman, Benjamin W., Cincinnati, Ohio. Disclaimer filed by the patentee. No. 1,681,033; disclaimer filed Nov. 11, 1936; v. 473; p. 491.
- Gammeter, John R., Akron, Ohio. Disclaimer filed by the assignee, United States Rubber Company. No. 1,480,719; disclaimer filed June 24, 1936; v. 468; p. 753.
- Garman, George W., Scotia, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,002,371; disclaimer filed Mar. 12, 1936; v. 464; p. 955.
- Gaynor, John J., Delphi, Ind. Disclaimer filed by the assignee, Horix Manufacturing Company, and Mrs. John J. Gaynor, owner of residual interest. No. 1,928,450; disclaimer filed Apr. 29, 1936; v. 466; p. 488.
- Geiselman, Ralph A., Wilkinsburg, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 1,863,302; disclaimer filed Jan. 22, 1936; v. 463; p. 697.
- Georgiev, Alexander, Brooklyn, N. Y. Disclaimer filed by the assignee, Aerovox Corporation. No. 1,789,949; disclaimer filed Feb. 27, 1936; v. 464; p. 479.
- Germanson, Rudolph C., and Frederick Kranhold, Appleton, Wis. Disclaimer filed by the assignee, Paper Patents Company. No. 1,918,095; disclaimer filed Dec. 26, 1935; v. 462; p. 484.
- Glaister, Paul J., Edgewood, and Herbert L. Rawlins, Wilkinsburg, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,042,335; disclaimer filed Oct. 31, 1936; v. 473; p. 1.
- Goodwin, Jr., William Nelson, Newark, N. J. Disclaimer filed by the assignee, Weston Electrical Instrument Corporation. No. 1,920,906; disclaimer filed July 10, 1936; v. 469; p. 520.
- Graham, Virgil M., Rochester, N. Y. Disclaimer filed by the assignee, Stromberg-Carlson Telephone Manufacturing Company. No. 1,971,605; disclaimer filed Mar. 31, 1936; v. 465; p. 466.
- Grebe, Alfred H., Hollis, N. Y. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,937,564; disclaimer filed Apr. 14, 1936; v. 466; p. 239.
- Grebe, John J., and Sylvia M. Stoesser, Midland, Mich. Disclaimer filed by the assignee, The Dow Chemical Company. No. 1,905,850; disclaimer filed Feb. 20, 1936; v. 464; p. 242.
- Griffith, Ronald George, Croydon, England. Disclaimer filed by the assignee, Creed and Company Limited. No. 1,921,407; disclaimer filed Sept. 25, 1936; v. 471; p. 703.
- Haas, Frederick S., Cincinnati, Ohio. Disclaimer filed by the patentee; the assignee, Cincinnati Grinders Incorporated, concurring and consenting. No. 1,938,762; disclaimer filed May 11, 1936; v. 467; p. 7.
- Haines, William T., Mountain Lakes, N. J. Disclaimer filed by the assignee, American Telephone and Telegraph Company. No. 1,846,516; disclaimer filed Oct. 8, 1936; v. 472; p. 1.
- Hansell, Clarence W., Rocky Point, N. Y. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,819,508; disclaimer filed Dec. 11, 1935; v. 462; p. 257.
- Harris, Herbert H., New York, N. Y. Disclaimer filed by the patentee. Des. No. 93,715; disclaimer filed May 14, 1936; v. 467; p. 7.
- Hazeltine, Louis A., Hoboken, N. J. Disclaimer filed by the patentee, the assignee, Hazeltine Corporation, assenting. No. 1,755,114; disclaimer filed Jan. 18, 1936; v. 463; p. 459.



- Henderson, Curtis L., Wichita, Kans. Disclaimer filed by the assignee, Gasoline Products Company, Inc. No. 1,828,466; disclaimer filed Apr. 25, 1936; v. 467; p. 7.
- Henderson, Fred E., Riverside, Ill. Disclaimer filed by the patentee; the assignee, the Western Electric Company, Inc., assenting and concurring. No. 1,959,426; disclaimer filed May 2, 1936; v. 466; p. 745.
- Henke, Clyde O., South Milwaukee, and Milton A. Prah, Milwaukee, Wis. Disclaimer filed by the assignee, E. I. du Pont de Nemours and Company. No. 2,021,100; disclaimer filed Sept. 28, 1936; v. 471; p. 477.
- Hill, Edward G., Richmond, Va. Disclaimer filed by the assignee, Hill Engineering Corporation. No. 1,893,471; disclaimer filed Dec. 2, 1936; v. 473; p. 998.
- Hines, Francis J., Brooklyn, N. Y. Disclaimer filed by the assignee, Hines Electrical Specialties, Inc. No. 1,830,466; disclaimer filed Aug. 26, 1936; v. 470; p. 717.
- Hoffman, Charles Thomas, Washington, D. C. Disclaimer filed by the assignee, Lloyd M. Keighley. No. 1,916,315; disclaimer filed May 8, 1936; v. 467; p. 7.
- Honiss, William T., West Hartford, Conn. Disclaimer filed by the assignee, Hartford-Empire Company; the patentee, said Honiss, joining in and ratifying. No. 2,036,872; disclaimer filed Nov. 23, 1936; v. 473; p. 491.
- Hoover, Paul L., and Evan D. Kennedy, New Brunswick, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,987,461; disclaimer filed Sept. 18, 1936; v. 471; p. 703.
- Hopkins, Matthew S., Jr., Washington, D. C. Disclaimer filed by the patentee. No. 1,920,863; disclaimer filed Mar. 25, 1936; v. 465; p. 719.
- Hopkins, Robert K., New York, N. Y. Disclaimer filed by the patentee; the assignee, The M. W. Kellogg Co., concurring. No. 1,954,999; disclaimer filed Mar. 24, 1936; v. 465; p. 466.
- Hopkinson, Ernest, New York, N. Y. Disclaimer filed by the assignee, United States Rubber Company. No. 1,374,505; disclaimer filed June 24, 1936; v. 468; p. 753.
- Houseman, Wilbur L., Somerton, Pa. Disclaimer filed by the assignee, Standard-Trump Bros. Machine Company. No. 1,805,624; disclaimer filed July 13, 1936; v. 469; p. 520.
- Hucal, Wasyl, Chicago, Ill. Disclaimer filed by the patentee. No. 2,003,936; disclaimer filed June 4, 1936; v. 467; p. 719.
- Hund, August, Bethesda, Md. Disclaimer filed by the assignee, Wired Radio, Inc. No. 1,933,735; disclaimer filed Jan. 10, 1936; v. 463; p. 8.
- Hurd, Norman B., Newington, Conn. Disclaimer filed by the assignee, The American Hardware Corporation. No. 1,925,386; disclaimer filed Nov. 19, 1936; v. 473; p. 231.
- Ipsen, Carl L., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 1,771,961; disclaimer filed Apr. 2, 1936; v. 465; p. 719.
- Jones, Lester L., Oradell, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,791,030; disclaimer filed Apr. 29, 1936; v. 466; p. 488.
- Kadel, Byers W., Baltimore, Md., and Donald S. Barrows, Rochester, N. Y. Disclaimer filed by the assignee, The Symington Company. No. 1,963,914; disclaimer filed Dec. 21, 1935; v. 462; p. 253.
- Kennedy, Dewey M., and Benjamin H. Kennedy, Rochester, N. Y. Disclaimer filed by the patentees and the assignee of one-third interest, Ann M. Kennedy. No. 1,767,800; disclaimer filed May 26, 1936; v. 467; p. 719.
- Key, Frederick E., East St. Louis, Ill. Disclaimer filed by the assignee, Key Company. No. 1,987,300; disclaimer filed July 15, 1936; v. 469; p. 761.
- Klemperer, Hans, New York, N. Y. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 1,995,810; disclaimer filed Nov. 24, 1936; v. 473; p. 491.
- Knight, James L., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 1,810,615; disclaimer filed May 2, 1936; v. 466; p. 745.
- Krueger, Theodore H., Derby, Conn. Disclaimer filed by the assignee, Better Packages, Inc. No. 1,742,603; disclaimer filed July 2, 1936; v. 469; p. 520.
- Landt, Gustave E., Norristown, Pa. Disclaimers filed by the assignee, Ciba Products Corporation. No. 2,003,752; disclaimers filed Feb. 5 and Oct. 12, 1936; v. 463; p. 697 and v. 472; p. 1.
- Lane, Raymond A., Elmhurst, N. Y. Disclaimer filed by the patentee; the assignee, Products Protection Corporation, assenting. No. 1,959,372; disclaimer filed June 2, 1936; v. 467; p. 719.
- Leece, Bennett M., and Dale S. Cole, Cleveland Heights, Ohio. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 1,896,547; disclaimer filed July 6, 1936; v. 469; p. 761.
- Leo, Herbert T., Topeka, Kans. Disclaimer filed by Herbert T. Leo, Stanton W. Forsman, and the assignee, Kwik-Set, Inc. No. 1,646,157; disclaimer filed Apr. 9, 1936; v. 466; p. 1.
- Lewis, Frank B., and Thomas S. Cooke, Whiting, Ind. Disclaimer filed by the assignee, Standard Oil Company. No. 1,392,584; disclaimer filed Apr. 18, 1936; v. 466; p. 239.
- Lewis, William A., Wilkesburg, and Robert D. Evans, Swissvale, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,033,174; disclaimer filed June 16, 1936; v. 468; p. 1.
- Leyner, George A., Springfield, Mass. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 1,992,379; disclaimer filed Mar. 7, 1936; v. 464; p. 955.
- Libby, William L., Cleveland, Ohio. Disclaimer filed by the assignee, Bardons & Oliver, Inc. No. 1,972,595; disclaimer filed Aug. 4, 1936; v. 469; p. 761.
- Logan, John W., Jr., Wilkesburg, Pa. Disclaimer filed by the patentee; the assignee, The Westinghouse Air Brake Company, consenting. No. 2,012,747; disclaimer filed Apr. 11, 1936; v. 466; p. 239.
- Lough, Hector V., Hartford, Conn. Disclaimer filed by the assignee, United States Rubber Company. No. 1,607,266; disclaimer filed June 24, 1936; v. 468; p. 753.
- Lübcke, Ernst, Berlin-Siemensstadt, Germany. Disclaimer filed by the patentee; the assignee, Siemens & Halske, Aktiengesellschaft, assenting. No. 1,979,392; disclaimer filed June 16, 1936; v. 468; p. 526.
- Luebke, Raphael B., Cincinnati, Ohio. Disclaimer filed by the assignee, The Stacey Brothers Gas Construction Company. No. 2,039,602; disclaimer filed Oct. 10, 1936; v. 472; p. 1.
- Luther, Martin, Mannheim, and Adolf v. Friedolsheim, Ludwigshafen-on-the-Rhine, Germany. Disclaimer filed by the assignee, I. G. Farbenindustrie Aktiengesellschaft. No. 1,993,375; disclaimer filed Aug. 4, 1936; v. 469; p. 761.
- Maibauer, Albert E., Bloomfield, N. J. Disclaimer filed by the assignee, Hallowax Corporation. No. 1,937,490; disclaimer filed Dec. 27, 1935; v. 462; p. 484.
- Mann, Leon, Mount Vernon, and Morris Koppelman, Brooklyn, N. Y. Disclaimer filed by the assignee, Mapes Consolidated Manufacturing Company. No. 1,445,780; disclaimer filed Oct. 20, 1936; v. 472; p. 502.
- Mason, Frank B., New Providence, N. J. Disclaimer filed by the assignee, Aristo Corporation, and the non-exclusive licensee, Swan-Finch Oil Corporation. No. 1,778,329; disclaimer filed May 25, 1936; v. 467; p. 719.
- Mathes, Robert C., Wyoming, N. J. Disclaimer filed by the assignee, Bell Telephone Laboratories, Incorporated. No. 1,760,159; disclaimer filed June 30, 1936; v. 468; p. 526.
- McCauley, John E., San Francisco, Calif. Disclaimer filed by the assignee, The Union Switch & Signal Company. No. 1,848,640; disclaimer filed Apr. 22, 1936; v. 466; p. 239.
- McClure, Glenn T., Wilmerding, Pa. Disclaimer filed by the patentee; the assignee, The Westinghouse Air Brake Company, consenting. No. 2,034,307; disclaimer filed Nov. 27, 1936; v. 473; p. 491.
- Meredith, Ross, Pearl River, N. Y. Disclaimer filed by the assignee, Dexter Folder Company. No. 1,982,823; disclaimer filed Mar. 30, 1936; v. 465; p. 466.
- Midgley, Thomas, Springfield, Mass. Disclaimer filed by the assignee, The Fisk Rubber Corporation. No. 1,509,365; disclaimer filed Nov. 21, 1936; v. 473; p. 231.
- Midgley, Thomas, Hampden, Mass. Disclaimer filed by the assignee, The Fisk Rubber Corporation. No. 1,742,777; disclaimer filed Nov. 21, 1936; v. 473; p. 231.
- Miller, John H., Oak Park, Ill. Disclaimer filed by the patentee; the assignee, Jewell Electrical Instrument Company, assenting. No. 1,957,074; disclaimer filed Sept. 4, 1936; v. 470; p. 948.
- Mohler, Francis, Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 1,989,523; disclaimer filed Feb. 14, 1936; v. 464; p. 8.
- Morton, Harry E., Boston, Mass. Disclaimer filed by the assignee, B. F. Sturtevant Company, Inc. No. 1,985,617; disclaimer filed Apr. 30, 1936; v. 466; p. 488.
- Mourontseff, Ilia E., Wilkesburg, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 1,718,206; disclaimer filed May 2, 1936; v. 466; p. 745.
- Munters, Carl Georg, Stockholm, Sweden. Disclaimer filed by the assignee, Servel, Inc. No. 1,798,951; disclaimer filed Dec. 17, 1935; v. 462; p. 257.
- Mussey, William H., Chicago, and Julian R. Rudolph, Homewood, Ill. Disclaimer filed by the patentees; the assignee, Pullman-Standard Car Manufacturing Company, approving. No. 1,859,261; disclaimer filed Mar. 26, 1936; v. 465; p. 466.
- Phelan, Louis A. M., Beloit, Wis. Disclaimer filed by the assignee of one-half interest, Minneapolis-Honeywell Regulator Company. No. 1,598,874; disclaimer filed May 29, 1936; v. 471; p. 477.
- Philpott, La Verne R., Wilkesburg, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 1,991,062; disclaimer filed Sept. 29, 1936; v. 471; p. 477.
- Polydoroff, Wladimir J., Chicago, Ill. Disclaimer filed by the assignee, Johnson Laboratories, Incorporated. No. 1,982,689; disclaimer filed Apr. 28, 1936; v. 466; p. 488.
- Poor, Walter E., Salem, Mass. Disclaimer filed by the patentee; the assignee, Hygrade Sylvania Corporation, consenting. No. 1,980,596; disclaimer filed Aug. 10, 1936; v. 470; p. 10.
- Powell, Winfred T., Rochester, N. Y. Disclaimer filed by the assignee, Stromberg-Carlson Telephone Manufacturing Company. No. 1,992,326; disclaimer filed Mar. 31, 1936; v. 465; p. 466.
- Pryale, Harry M., Pontiac, Mich. Disclaimer filed by the patentee. Des. No. 96,500; disclaimer filed Feb. 19, 1936; v. 464; p. 242.



- Pugh, Emerson, Downers Grove, Ill. Disclaimer filed by the patentee; the assignee, Western Electric Company, Inc., assenting and concurring. No. 1,855,869; disclaimer filed Nov. 10, 1936; v. 473; p. 231.
- Quinn, Thomas Wallace, Drexel Park, Pa. Disclaimer filed by the patentee; the assignee, The Atlantic Refining Company, assenting. No. 1,963,175; disclaimer filed Aug. 13, 1936; v. 470; p. 10.
- Ratigan, James P., Los Angeles, Calif. Disclaimer filed by the patentee. No. 1,643,588; disclaimer filed May 26, 1936; v. 467; p. 719.
- Reichard, Wade H., Rochester, N. Y. Disclaimer filed by the assignee, General Railway Signal Company. No. 1,995,652; disclaimer filed Oct. 10, 1936; v. 472; p. 1.
- Reynolds, Richard S., Glen Cove, N. Y. Disclaimer filed by the assignee, Reynolds Research Corporation. No. 2,003,494; disclaimer filed July 16, 1936; v. 469; p. 520.
- Roos, Hans, and Emil Schwamberger, Leverkusen, Mainkur, Germany. Disclaimer filed by the assignee, Standard-I. G. Company. No. 1,955,023; disclaimer filed Oct. 24, 1936; v. 472; p. 502.
- Rosener, Leland S., San Francisco, Calif. Disclaimer filed by the assignee, The Paraffine Companies, Inc. No. 1,686,929; disclaimer filed July 16, 1936; v. 469; p. 520.
- Rosener, Leland S., San Francisco, and Frank I. Doane, Berkeley, Calif. Disclaimer filed by the assignee, The Paraffine Companies, Inc. No. 1,500,769; disclaimer filed July 16, 1936; v. 469; p. 520.
- Russ, Harley W., Haverhill, Mass. Disclaimer filed by the assignee, United Shoe Machinery Corporation. No. 1,528,345; disclaimer filed May 29, 1936; v. 468; p. 1.
- Sachs, Joseph, West Hartford, Conn. Disclaimer filed by the patentee. No. 2,020,333; disclaimer filed July 31, 1936; v. 469; p. 761.
- Samuel, Arthur L., Orange, N. J. Disclaimer filed by the assignee, Bell Telephone Laboratories, Incorporated. No. 2,000,990; disclaimer filed May 9, 1936; v. 467; p. 8.
- Scheibell, Gordon Brown, Newark, N. J. Disclaimer filed by the assignee, Wired Radio, Inc. No. 1,894,636; disclaimer filed Apr. 28, 1936; v. 466; p. 488.
- Schletter, Richard E., Philadelphia, Pa. Disclaimer filed by the assignee, Textile Machine Works. No. 1,713,628; disclaimer filed Jan. 18, 1936; v. 463; p. 697.
- Schmidt, Kurt, Wuppertal-Elberfeld-Grenze, Germany. Disclaimer filed by the assignee, North American Rayon Corporation. No. 1,902,526; disclaimer filed Dec. 6, 1935; v. 462; p. 257.
- Schmithals, Frederick W., Milwaukee, Wis. Disclaimer filed by the assignee, Logemann Brothers Company. No. 1,549,387; disclaimer filed Aug. 5, 1936; v. 470; p. 10.
- Schwalm, Bruce F., Pittsburgh, Pa. Disclaimer filed by the assignee, The Barrett Company. No. 1,869,172; disclaimer filed July 24, 1936; v. 469; p. 520.
- Schwartzman, Harry, Jersey City, N. J. Disclaimer filed by the patentee. No. 1,867,330; disclaimer filed Mar. 7, 1936; v. 464; p. 955.
- Scotfield, Philip F., Palo Alto, Calif. Disclaimer filed by the patentee. No. 1,891,481; disclaimer filed Dec. 2, 1935; v. 462; p. 257.
- Seward, Robert B., Guilford, Conn. Disclaimer filed by the assignee, Ferguson Brothers Manufacturing Company. No. 1,951,884; disclaimer filed Apr. 23, 1936; v. 466; p. 239.
- Shaeffer, Edward J., and Eugene P. Brown, Whiting, Ind. Disclaimer filed by the assignee, Standard Oil Company. No. 1,851,526; disclaimer filed Apr. 18, 1936; v. 466; p. 239.
- Smets, Florent E. A., and Carl F. Hanser, Paris, France. Disclaimer filed by the assignee, Western Electric Company, Incorporated. No. 1,895,774; disclaimer filed May 14, 1936; v. 467; p. 7.
- Smith, Alfred H., New York, N. Y. Disclaimers filed by the assignee, The Less Carload Lots Company; The L. C. L. Corporation, exclusive licensee, consenting. Re. No. 16,073 and Patent No. 1,564,285; disclaimers filed Mar. 9, 1936; v. 464; p. 955.
- Smith, Alfred H., Chappaqua, N. Y. Disclaimer filed by the assignee, The Less Carload Lots Company; The L. C. L. Corporation, exclusive licensee, consenting. No. 1,650,661; disclaimer filed Mar. 9, 1936; v. 464; p. 955.
- Sprung, Abraham, New York, N. Y. Disclaimer filed by the patentee; the assignee, C. F. Burgess Laboratories, Inc., consenting and joining in. No. 2,015,442; disclaimer filed Dec. 7, 1936; v. 473; p. 998.
- Starr, Oscar L., Mission San Jose, Calif. Disclaimer filed by the assignee, Caterpillar Tractor Co. No. 1,970,949; disclaimer filed Sept. 29, 1936; v. 471; p. 477.
- Sundback, Gideon, Meadville, Pa. Disclaimer filed by the assignee, Hookless Fastener Company. No. 1,467,015; disclaimer filed Sept. 14, 1936; v. 471; p. 241.
- Thomas, David W., Youngstown, Ohio. Disclaimer filed by the assignee, The Niles Steel Products Company. No. 1,837,345; disclaimer filed Jan. 2, 1936; v. 463; p. 8.
- Thompson, Albert R., San Jose, Calif. Disclaimer filed by the assignee, Food Machinery Corporation. No. 1,987,916; disclaimer filed July 27, 1936; v. 469; p. 761.
- Trader, Wilbur Sewall, St. Louis, Mo. Disclaimer filed by the assignee, The Celotex Corporation. No. 1,554,179; disclaimer filed Oct. 27, 1936; v. 472; p. 502.
- Tratsch, Walter A., Chicago, Ill. Disclaimer filed by the patentee, and the assignee of one-half interest, Monarch Tool & Manufacturing Co. No. 1,908,380; disclaimer filed June 25, 1936; v. 468; p. 526.
- Trube, Carl E., Orange, N. J. Disclaimer filed by the assignee, Hazeltine Corporation. No. 1,763,380; disclaimer filed May 27, 1936; v. 467; p. 719.
- Tschochner, Hermann, Komotau, Czechoslovakia. Disclaimer filed by the patentee. No. 1,894,899. Disclaimer filed Nov. 30, 1935; v. 462; p. 257.
- Tumbler, Joseph A., Baltimore, Md. Disclaimer filed by the patentee; the assignee, J. A. Tumbler Laboratories, approving. No. 1,969,387; disclaimer filed Mar. 25, 1936; v. 465; p. 466.
- Twombly, Willard O., Jackson, Mich. Disclaimer filed by the assignee, Jeffrey N. Collins. No. 1,925,352; disclaimer filed Jan. 22, 1936; v. 464; p. 242.
- Voss, Julius, Wiesbaden-Biebrich, Germany. Disclaimer filed by the assignee, The Visking Corporation. No. 1,929,394; disclaimer filed Dec. 23, 1935; v. 462; p. 258.
- Vreeland, Frederick K., Montclair, N. J. Disclaimer filed by the assignee, Vreeland Corporation. No. 1,926,129; disclaimer filed Nov. 14, 1936; v. 473; p. 231.
- Wallace, Herbert A., Edgewood, Pa. Disclaimer filed by the assignee, The Union Switch & Signal Company. No. 1,959,072; disclaimer filed July 17, 1936; v. 469; p. 520.
- Wells, Robert F., and Donald W. Mersereau, Rochester, N. Y. Disclaimer filed by the assignee, General Railway Signal Company. No. 1,878,083; disclaimer filed Feb. 28, 1936; v. 464; p. 479.
- Weisberg, Louis, and Willard F. Greenwald, New York, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 1,918,222; disclaimer filed Oct. 3, 1936; v. 472; p. 251.
- Wenholz, Walter W., Rochester, N. Y. Disclaimers filed by the assignee, General Railway Signal Company. Nos. 2,009,007 and 2,019,466; disclaimers filed Oct. 10, 1936; v. 472; p. 1.
- Westcott, Brayton W., Detroit, Mich. Disclaimer filed by the assignee, Zenith Carburetor Company. No. 1,912,468; disclaimer filed Mar. 27, 1936; v. 465; p. 466.
- Whelton, John M., Peabody, Mass. Disclaimer filed by the assignee, United Shoe Machinery Corporation. No. 1,844,730; disclaimer filed Apr. 10, 1936; v. 466; p. 239.
- Wilkins, Carroll B., Nashua, N. H. Disclaimer filed by the assignee, Nashua Gummed & Coated Paper Company. No. 1,938,949; disclaimer filed July 18, 1936; v. 469; p. 520.
- Willett, Benedict E., Dayton, Ohio. Disclaimer filed by the assignee, Ferguson Brothers Manufacturing Company. No. 1,684,653; disclaimer filed Apr. 23, 1936; v. 466; p. 488.
- Winter, Charles L., Chicago, Ill. Disclaimer filed by the assignee, United Autographic Register Co. No. 2,046,931; disclaimer filed Dec. 14, 1936; v. 473; p. 998.
- Wollenweber, Paul F., Toledo, Ohio. Disclaimer filed by the assignee, The Electric Auto-Lite Company. No. 1,669,888; disclaimer filed Mar. 23, 1936; v. 465; p. 241.
- Wood, Henry A. Wise, New York, N. Y. Disclaimer filed by the assignee, Wood Newspaper Machinery Corp. No. 2,048,767; disclaimer filed Aug. 12, 1936; v. 470; p. 10.
- Woodruff, Henry A., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,002,444; disclaimer filed Feb. 6, 1936; v. 463; p. 697.
- Worrall, Robert H., Washington, D. C. Disclaimer filed by the assignee, Wired Radio, Inc. No. 1,763,288; disclaimer filed June 13, 1936; v. 468; p. 1.
- Zahn, Karl, Kurt Schimmelschmidt, and Heinrich Koch, Frankfurt-on-the-Main, Höchst, Germany. Disclaimer filed by the assignee, General Aniline Works, Inc. No. 1,936,926; disclaimer filed Apr. 16, 1936; v. 466; p. 239.



# LIST OF REISSUE INVENTIONS

- Abrasive articles, Rotary bonded. A. H. Prey. 20,012; June 16.
- Abrasive wheels and wheels thereby balanced, Balancing. H. R. Simonds. 20,207; Dec. 15.
- Absorption apparatus. E. Altenkirch. 19,888; Mar. 17.
- Absorption refrigerating system. E. Altenkirch. 19,889; Mar. 17.
- Acid concentration, Nitric. I. Hechenbleikner. 19,837; Jan. 28.
- Adding machine and the like. A. S. Trew. 19,917; Apr. 7.
- Agitator, Suction cleaner. D. G. Smellie. 20,073; Aug. 18.
- Air conditioning control. S. M. Anderson and R. T. Palmer. 20,083; Sept. 1.
- Air conditioning railroad cars, System for. H. R. Arf. 20,178; Nov. 24.
- Aircraft. H. Bolas. 19,932; Apr. 21.
- Air, Device for conditioning. F. A. Whitely. 20,208; Dec. 15.
- Air, Method and apparatus for conditioning. A. D. Karr and K. D. Perkins. 20,069; Aug. 18.
- Airplane wing construction. G. E. Barnhart. 20,075; Aug. 25.
- Alloy, Die casting. J. R. Freeman, Jr. 19,915; Apr. 7.
- Amplifying and rectifying system, Combined. M. E. Macksoud. 20,221; Dec. 29.
- Antenna coupling system. L. A. Hazeltine. 19,823; Jan. 14.
- Automatic fuel regulator. C. L. Stokes. 20,112; Sept. 15.
- Automobile body and mounting therefor. J. P. Tarbox. 20,176; Nov. 17.
- Automobile chassis frame and making same. J. H. Crowe. 20,197; Dec. 8.
- Axle, Driving. J. E. Padgett and R. P. Lewis. 20,149; Oct. 27.
- Bag and process and machine for making same, Paper. G. W. Poppe. 19,921; Apr. 7.
- Balancing machine. A. F. Moyer and F. T. McDonough. 19,812; Jan. 7.
- Balloon tire jack. J. W. Bate. 19,923; Apr. 14.
- Beach chair. H. A. Freedman. 20,181; Nov. 24.
- Bell ringer. A. L. Bridgman. 19,855; Feb. 18.
- Belt, Sanitary napkin. E. E. Statter. 19,829; Jan. 21.
- Belting. J. C. Pistilli. 20,148; Oct. 27.
- Beryllium and aluminum compounds, Obtaining. C. B. Sawyer and B. Kjellgren. 20,214; Dec. 22.
- Blind construction, Venetian. P. H. Kuyper. 20,133; Oct. 20.
- Blowout preventer and support. J. R. Martin. 20,017; June 23.
- Boiler, Marine type superheater. J. A. Barnes. 20,192; Dec. 8.
- Bookkeeping machine. A. Smith. 20,167; Nov. 10.
- Brake. M. W. McConkey. 20,001; June 9.
- Brake controlling means, Vehicle. J. B. Des Rosiers. 20,086; Sept. 1.
- Brake drums, Making. D. J. Campbell. 20,043; July 28.
- Brake for landing gear wheels of airplanes. A. H. Hofer. 20,126; Oct. 6.
- Brake for power transmission systems, Automatic. C. F. Bauen. 19,882; Mar. 3.
- Brake mechanism. W. H. Baselt. 19,835; Jan. 28.
- Brake mechanism, Fluid pressure operated. H. C. Bowen. 20,021; June 30.
- Brassiere, Corrective. P. Clancy. 19,960; May 12.
- Brooch assemblage. M. Boucher. 20,076; Aug. 25.
- Buffing wheel. J. W. Myers and E. E. Murray. 19,894; Mar. 17.
- Building construction. W. R. Simons. 20,188; Dec. 1.
- Building material with bituminous constituents, Method and apparatus for producing pulverulent. A. Sommer. 20,119; Sept. 22.
- By-pass for hydraulic mechanisms, Automatic. R. Erling. 19,992; June 2.
- Cake process and product. A. K. Epstein. 19,933; Apr. 21.
- Cakes, Ice cream roll. A. Schorno. 20,118; Sept. 22.
- Cap or similar article, Knitted. A. Epstein. 19,866; Feb. 25.
- Car, Drop side container. G. C. Woodruff. 19,831; Jan. 21.
- Car, Interchangeable container freight. G. C. Woodruff. 19,815; Jan. 7.
- Car, Rail flaw detector. L. J. De Lanty. 19,991; June 2.
- Car, Railway. W. E. Wine. 20,121; Sept. 29.
- Carburetor. C. H. Kirby. 19,916; Apr. 7.
- Carburizing process. A. W. Machlet. 19,936; Apr. 21.
- Carrier wave receiver. P. O. Farnham. 19,857; Feb. 18.
- Carrying mechanism for tabulating machines. W. W. Lasker, Jr. 20,199; Dec. 8.
- Casing and making the same, Axle. G. Spatta. 20,103; Sept. 8.
- Chair. L. W. Emerson. 20,205; Dec. 15.
- Chamber heating device, Combustion. M. S. Hall. 19,833; Jan. 21.
- Channel shaped articles, Method and machine for forming. H. F. Johnson. 19,927; Apr. 14.
- Charge controlling device for internal combustion engines. F. T. Irgens. 19,949; Apr. 28.
- Charge treating device for internal combustion engines. D. L. Coveyow. 20,108; Sept. 15.
- Chlorine dioxide, Production of. G. L. Cunningham. 19,849; Feb. 11.
- Cigarette package. B. McPherson. 20,173; Nov. 17.
- Circuit breaker, Automatic. J. Sachs. 20,018; June 23.
- Circuit breaker, Panel. O. S. Jennings. 19,887; Mar. 10.
- Circuit-breaker with compressed gas blow-out, Electric. A. Clerc. 20,044; July 28.
- Circuit, Rectifier. K. C. Black. 20,122; Oct. 6.
- Circulating head. L. A. Parker. 19,910; Mar. 31.
- Cleaner operated from the motor vehicle lubricating system, Windshield. H. Hueber and E. C. Horton. 20,219; Dec. 29.
- Cleaning apparatus, Dry. H. F. Silver. 19,986; May 26.
- Closures to bottles and other containers, Method of and apparatus for applying sealing. H. F. Glunz. 19,886; Mar. 10.
- Clutch. W. W. Criley. 19,876; Mar. 3.
- Coacting elements, Lockingly engaging. F. E. Stahl. 20,074; Aug. 18.
- Coal mining machine. F. B. Yingling. 20,216; Dec. 22.
- Coating, Applying insulator. L. E. Power. 20,117; Sept. 22.
- Coating by spraying. A. Krautzberger. 19,907; Mar. 31.
- Cock, Gas. E. E. Meusy. 19,810; Jan. 7.
- Coffee filter. P. Edtbauer. 20,124; Oct. 6.
- Coil, Refrigerating. E. R. Hopkins. 20,016; June 23.
- Combustible content in a gas mixture, Determining the. J. A. Stein. 20,041; July 21.
- Communication system. G. W. Watson. 20,052; July 28.
- Composition material. P. Bechtner. 19,919; Apr. 7.
- Composition of matter comprising resin esters. H. M. Weber. 19,967; May 12.
- Composition strip and making same, Preformed. A. C. Fischer. 20,029; July 7.
- Compressor. M. R. Hutchison, Jr. 19,962; May 12.
- Connector. L. O. Parker. 19,920; Apr. 7.
- Connectors and articles produced thereby, Manufacturing. B. Dibner. 20,096; Sept. 8.
- Container sealing and dispensing device. J. B. Paardecamp. 20,174; Nov. 17.
- Container top. J. P. Alexander. 20,057; Aug. 4.
- Control mechanism. C. E. Mason. 20,092; Sept. 1.
- Control mechanism for grinding machines. H. A. Silven. 20,127; Oct. 6.
- Control system. E. F. W. Alexanderson. 19,896; Mar. 24.
- Control system. E. H. Bristol. 19,944; Apr. 28.
- Control system. R. M. Hardgrove. 20,156; Nov. 3.
- Control system. P. M. Stivender. 19,966; May 12.
- Core covering machine. G. F. McCahey. 20,146; Oct. 27.
- Core taking device. C. Schlumberger. 20,120; Sept. 29.
- Corner holder. O. Zimmer. 20,113; Sept. 15.
- Cover for spare tires of automobiles. G. A. Lyon. 20,220; Dec. 29.
- Covering, Ornamental hard surface. H. S. Humphreys. 19,906; Mar. 31.
- Crusher, Rock. A. D. Hadsel. 20,136; Oct. 20.
- Cut-out machine for shoe uppers. B. W. Freeman. 20,202-3; Dec. 8.
- Cutter and clamp for knitting machines and operating same, Yarn. A. E. Page. 19,995; June 2.
- Cutting-off mechanism in cigarette making and similar machines. W. Cole. 19,941; Apr. 21.
- Decalcomania. J. F. McNutt. 19,839; Jan. 28.
- Defrosting cooling element of mechanical refrigerators. J. A. Diener and J. E. Gardner. 20,087; Sept. 1.
- Derrick post, Oil field. L. C. Moore. 19,982; May 26.
- Detonator. H. A. Lewis. 20,190; Dec. 1.
- Device for distribution of accounts. F. A. Niemann and K. F. Ziehm. 19,994; June 2.
- Diamines and making same, Unsulphonated diacylated. G. de Montmollin, J. Danuser, G. Bonhôte and H. Johnner. 19,842; Feb. 4.
- Die-sinking machine, Pattern controlled. B. Sassen. 19,985; May 26.
- Dipper, Excavating. W. M. Bager. 19,979; May 26.
- Discharge head for fluid containers. S. E. Allen and J. E. Rennett. 19,978; May 26.
- Disconnecting switch. H. J. Crabbs. 20,085; Sept. 1.
- Dispenser, Coin controlled. F. C. DuGrenier. 20,077; Aug. 25.
- Door construction for refrigerators. A. A. Canton. 20,004; June 16.
- Drawing. J. M. Hothersall. 20,009; June 16.
- Drawing press. A. A. Byerlein. 20,042; July 28.
- Drill head, Universal multiple. A. A. Herzberg, H. O. Schultz, and J. S. Tumpak. 20,068; Aug. 18.
- Driving mechanism for combined washers and driers. H. J. Criner. 19,925; Apr. 14.
- Dual wheel. F. W. Burger. 19,885; Mar. 10.



- Duct for current distributing systems. H. J. L. Frank and W. A. Harper. 20,005; June 16.
- Edibles, Cooking. R. Romney, Jr. 20,040; July 21.
- Educational device and method for the treatment of eyes. J. Y. Taylor. 20,223; Dec. 29.
- Eggs, Sterilization and preservation of. J. Fousek. 19,898; Mar. 24.
- Electric arc cutting machine. K. Strobel. 20,035; July 14.
- Electric switch. G. O. Wilms and A. J. Dawe. 20,094; Sept. 1.
- Electric translating device for musical instruments. A. Lestl. 20,070; Aug. 18.
- Electrical apparatus, Assembly of. L. H. Van Billiard. 20,224; Dec. 29.
- Electrical connector. E. A. Horn. 20,097; Sept. 8.
- Electrical system. E. W. Kellogg. 20,014; Sept. 22.
- Electrical system and apparatus. C. P. Boucher. 20,142; Oct. 27.
- Electromagnetic vibrating apparatus. H. E. Wurzbach and C. H. Konold. 19,816-17; Jan. 7.
- Electron discharge device with indirectly heated cathode. E. A. Lederer and J. W. Marden. 19,870; Feb. 25.
- Electron tube. J. Massolle, H. Vogt, and J. Engl. 19,974; May 19.
- Elevator. C. E. Ellis, Jr. 19,805; Jan. 7.
- Elevator control system. E. P. Butusoz. 20,023; June 30.
- Elevator system, Electric. G. B. Grosvenor. 19,806; Jan. 7.
- Engine ignition system. M. Mallory. 19,937; Apr. 21.
- Engines, Attachment for internal combustion. L. H. Mesinger, Jr., and A. L. Riker. 19,828; Jan. 21.
- Engler distillation apparatus, Automatic. J. E. Moore and G. W. Chenicek. 19,824; Jan. 14.
- Envelope. G. H. Kennedy, Jr. 19,934; Apr. 21.
- Envelope. M. Vogel. 19,883; Mar. 3.
- Envelope blanks and the like, Folding of. M. Goder. 19,867; Feb. 25.
- Explosive charges, Method of and apparatus for placing. C. A. Mathey and P. F. Lewis. 20,191; Dec. 1.
- Fertilizer. B. Ober and E. H. Wright. 19,825; Jan. 14.
- Fibrous material, Preparation of. E. Olsson. 20,065; Aug. 11.
- Fibrous materials, Process and apparatus for digesting. T. L. Dunbar. 20,123; Oct. 6.
- File. W. J. White. 20,081; Aug. 25.
- Filing machine. B. and T. Grob. 19,999; June 9.
- Films and the like and products thereby made, Making. H. F. Robertson. 20,080; Aug. 25.
- Fire alarm device. J. Grison. 20,158; Nov. 3.
- Fitting for containers. T. W. Rieke. 19,956; May 5.
- Flue gas cleaning apparatus. H. Bleibtreu and J. B. Eberlein. 19,863; Feb. 25.
- Food product and manufacturing the same. G. Grindrod. 19,868; Feb. 25.
- Footwear. H. Malm. 19,809; Jan. 7.
- Forceps, Phimosi hemostatic. S. U. and C. A. Siron. 20,201; Dec. 8.
- Freeness indicator and recorder. G. S. Witham. 19,997; June 2.
- Freezer, Continuous. A. T. Light. 20,183; Nov. 24.
- Frigid unit. C. A. Stickney. 20,150; Oct. 27.
- Froth, Process and apparatus for the mechanical production of. E. Schröder and J. A. S. Van Deurs. 19,965; May 12.
- Fruit, Method and apparatus for treating. L. E. Jones. 19,877; Mar. 3.
- Fruit press. B. L. McKinstry. 19,838; Jan. 28.
- Fuel, Treatment of motor. W. L. Benedict. 19,804; Jan. 7.
- Fur, Cutting. O. M. Dean. 19,970; May 12.
- Furnace, Walking beam. R. S. Cochran and J. R. Moser. 20,028; July 7.
- Furniture. W. McArthur, Jr. 19,909; Mar. 31.
- Fuse. A. G. Steinmayer. 20,168; Nov. 10.
- Galvanizing, Continuous. J. L. Schueler. 20,049; July 28.
- Gameball and covering same. E. Baumer. 20,036; July 21.
- Gang operated switch. J. J. Desmond. 19,864; Feb. 25.
- Garbage, ashes, and refuse disposal and land reclamation process. L. M. McCarthy. 20,056; Aug. 4.
- Garment protector. S. J. Goldsmith. 19,947; Apr. 28.
- Gas burner. T. A. Coleman. 19,959; May 5.
- Gasket, Skeleton metal-backed. J. H. Victor. 19,874; Feb. 25.
- Gate valve construction. W. T. Pease. 20,071; Aug. 18.
- Gate valves by means of fluid pressure from any desired distance, Attachment for operating. C. Hall, Jr. 20,007; June 16.
- Gear shift mechanism, Vacuum operated. D. F. Linsley. 19,928; Apr. 14.
- Gear transmission, Change speed. H. L. Hoy. 20,186; Dec. 1.
- Glassware leer construction. H. B. Eastwood. 20,209; Dec. 22.
- Governor, Suction controlled. R. J. Weaver. 19,911; Mar. 31.
- Grader, Combination tractor. A. and A. G. Ronning. 19,846; Feb. 4.
- Gravity measuring instrument. K. Hartley. 20,137; Oct. 20.
- Guard, Crossing. G. W. Goodman. 20,157; Nov. 3.
- Guide, Drill steel. J. L. Reilly. 20,131; Oct. 13.
- Guy wire protector. H. E. Miller. 19,845; Feb. 4.
- Hair curler. H. H. Klein. 20,115; Sept. 22.
- Hair waving pad. R. L. Evans. 19,972; May 19.
- Handbag frame. E. Poeter. 20,160; Nov. 3.
- Handle, Iron. A. S. Knapp. 20,165; Nov. 10.
- Harp fixture for electric lamps, Swivel. K. Berger. 20,170; Nov. 17.
- Hat brim protector. J. H. Marshall. 19,955; May 5.
- Hay, Curing. E. B. Cushman. 19,971; May 19.
- Headlamp. L. I. Hewes. 20,129; Oct. 13.
- Heat exchanger. E. Pick. 20,139; Oct. 20.
- Heat exchanger method and apparatus. J. Fletcher. 20,045; July 28.
- Heat insulating. G. Slayter. 19,929; Apr. 14.
- Heat treatment of steel rails. J. Brunner. 19,884; Mar. 10.
- Heating and ventilating apparatus. W. Ewald. 19,914; Apr. 7.
- Hinge construction. W. J. Hall. 20,111; Sept. 15.
- Hinges, Making. J. F. Hines. 20,089; Sept. 1.
- Holst lever construction, Hydraulic. R. E. Smith. 20,013; June 16.
- Holder for pictures or the like, Corner. L. Rado. 19,983; May 26.
- Hose coupling. J. P. Eastman. 19,865; Feb. 25.
- Hosiery, Mechanism for knitting full-fashioned. G. Gas-trich. 19,843; Feb. 4.
- Hydrocarbons, Treating. L. Kirschbraun. 19,818; Jan. 7.
- Imprinted matter, Apparatus for duplicating. F. W. Storck. 19,951; Apr. 28.
- Input system for electrical amplifiers. F. H. Drake and W. D. Loughlin. 19,892; Mar. 17.
- Insecticides, Method of and apparatus for spraying. A. A. Breuer. 20,058; Aug. 11.
- Interlocking system for railroads. S. N. Wight. 19,814; Jan. 7.
- Iron ores, Electrothermic reduction of. S. T. Wiles. 20,128; Oct. 6.
- Jewelry and ornaments, Articles of. D. Swarovski. 20,193; Dec. 8.
- Keying. J. L. Finch. 20,163; Nov. 10.
- Knitting machine. W. Larkin. 19,827; Jan. 21.
- Lamp control mechanism for message transmitting systems. A. D. Eitzen. 20,110; Sept. 15.
- Lamp, Reflecting electric. H. A. Douglas. 20,032; July 14.
- Lathe, Crankshaft. W. F. Groene and G. W. Luning. 19,905; Mar. 31.
- Lathe, Double center drive crankshaft. W. F. Groene; 20,090; Sept. 1.
- Leatherboard product and making the same. H. W. Rich-ter. 20,184; Nov. 24.
- Lens and making same, Multifocal. G. A. Clement. 20,079; Aug. 11.
- Lighting system, Emergency. F. G. Beetem. 19,848; Feb. 11.
- Liquid and gas separation. J. P. Walker. 20,051; July 28.
- Liquors, Treatment of digestion. A. D. Merrill. 20,200; Dec. 8.
- Lock. R. K. Gray. 20,143; Oct. 27.
- Lock for spare wheels and tires. H. S. Jandus and F. A. Smith. 19,993; June 2.
- Locomotive tender. N. M. Lower. 20,062; Aug. 11.
- Lubricated plug valve. R. Neuhaus. 20,093; Sept. 1.
- Machine and method for forming externally toothed machine elements. E. W. Miller. 20,063; Aug. 11.
- Machine for knitting fabric. J. and R. H. Lawson. 20,025; June 30.
- Magnetic unloader. C. E. L. Lipman. 19,893; Mar. 17.
- Mask head harness, Gas. A. V. Motsinger. 20,211; Dec. 22.
- Materials, Mechanism for separating intermixed divided. H. N. Durham. 20,082; Aug. 25.
- Measuring apparatus. C. G. Bliss. 20,141; Oct. 27.
- Mechanical movement. W. E. Urschel. 20,151; Oct. 27.
- Metal, Apparatus and process for uncoiling coiled sheet. W. H. Hofer. 20,000; June 9.
- Metal, Manufacture of expanded. H. K. Baker. 20,154; Nov. 3.
- Meter of the thermal type, Electric. P. M. Lincoln. 20,172; Nov. 17.
- Microphone, Electro-dynamic. C. R. Hanna. 20,155; Nov. 3.
- Milling machine. H. O. Fletcher. 19,998; June 9.
- Mining apparatus, Explosionproof. M. P. Holmes. 19,954; May 5.
- Mixing device. G. D. Moore and J. F. Beaumont. 19,811; Jan. 7.
- Molded container. P. L. Barber. 19,819; Jan. 14.
- Motor compressor unit. H. E. Crane. 19,961; May 12.
- Motor controller. C. Stansbury. 19,853; Feb. 11.
- Nozzle. R. P. Paradise. 19,913; Mar. 31.
- Nozzle for oil furnaces, Fuel. A. Wettstein. 20,027; June 30.
- Nuts, Apparatus for treating. M. J. Kohler. 20,024; June 30.
- Oil burning furnace. F. A. Heath. 19,860; Feb. 18.
- Oil Conversion, Hydrocarbon. J. G. Alther. 20,066; Aug. 18.
- Oils, Cracking and coking hydrocarbon. H. L. Pelzer. 20,011; June 16.
- Oils, Cracking hydrocarbon. G. Egloff. 20,109; Sept. 15.
- Oils, Cracking hydrocarbon. E. W. Isom. 20,098; Sept. 8.
- Oils, Refining hydrocarbon. A. Lachman. 19,879; Mar. 3.



- Open-hearth furnace, Nonreversing. F. H. Loftus. 19,935; Apr. 21.
- Optical mensuration method and instrument, Clinical. A. Ames, Jr., and G. H. Gliddon. 19,841; Feb. 4.
- Ornamental device for decorative purposes, Illuminated. E. J. Graf. 19,836; Jan. 28.
- Ornamental device, Illuminated. E. J. Graf. 19,859; Feb. 18.
- Ornamenting machine. B. W. Freeman. 20,177; Nov. 17.
- Os uteri locating device and medical applicator, Combination of. J. A. Kirk. 20,061; Aug. 11.
- Oscillation circuit for electric waves. H. O. Roosenstein. 20,189; Dec. 1.
- Oxide, Manufacturing nitrous. W. Friedrich. 19,953; May 5.
- Package, Refrigerated. J. H. Wooll. 20,215; Dec. 22.
- Panel and fabrication, Laminated. H. J. Woodall. 19,840; Jan. 28.
- Paper, Multiple-ply. E. B. Fish. 19,821; Jan. 14.
- Paper strips, Apparatus for handling multiple. W. C. Pfeiffer. 19,871; Feb. 25.
- Papers, Fabrication of corrugates. C. Q. Ives. 20,034; July 14.
- Partition. A. G. Dawson. 19,946; Apr. 28.
- Pattern and guide strip. S. H. Calkins. 19,891; Mar. 17.
- Perforating machine. G. Knight. 20,206; Dec. 15.
- Piano, Miniature upright. G. W. Lundholm. 20,144; Oct. 27.
- Picture receiving apparatus. C. J. Young. 20,152; Oct. 27.
- Piezoelectric device. C. B. Sawyer. 20,213; Dec. 22.
- Pinking appliance. J. Brussell. 20,204; Dec. 15.
- Pipe joint sealing means. P. D. Merrill. 19,938; Apr. 21.
- Piston. J. S. Donaldson. 19,904; Mar. 31.
- Piston. A. L. Nelson. 20,010; June 16.
- Piston ring expander. F. A. Krebs. 19,900; Mar. 24.
- Plate, Cake. E. O. Steudel. 19,813; Jan. 7.
- Plow attachment for motor trucks, Snow. C. H. Frink. 20,125; Oct. 6.
- Plug and socket body, Soft rubber. F. W. Hudson. 20,033; July 14.
- Plugs or wads for cigarettes, Method and machine for making filter. W. E. Molins. 20,138; Oct. 20.
- Pole, Electromagnetic. A. Winther. 20,225; Dec. 29.
- Polishing device. W. H. Robbins. 20,002; June 9.
- Postage meter machines, Setting and locking the printing and registering mechanisms of. J. W. Ogden and B. Knauer. 20,064; Aug. 11.
- Power converting apparatus, Electric. F. W. Frink. 19,850; Feb. 11.
- Power unit. F. H. Poor. 20,140; Oct. 20.
- Pressing, Method of and apparatus for. H. D. Forse. 20,060; Aug. 11.
- Pressure gauge. P. T. Sprague and A. Soller. 19,902; Mar. 24.
- Propeller clamping and balancing ring. J. E. Larason. 20,159; Nov. 3.
- Publicity apparatus. W. H. Chadwick. 19,976; May 19.
- Pulp articles, Method of and machine for making. R. W. Chapman. 19,856; Feb. 18.
- Pulp, Production of. T. L. Dunbar. 20,217; Dec. 29.
- Pump. M. D. Aisenstein. 19,826; Jan. 21.
- Pump and motor, Hydraulic. H. Thoma. 20,026; June 30.
- Pump construction. A. Bohnenblust. 20,019; June 30.
- Purification system for boilers. J. Ostertag. 20,105; Sept. 8.
- Pyroxylin, Forming sheet. G. J. Esselen. 19,926; Apr. 14.
- Radio aerial system, Duplex. E. V. Amy and J. G. Aceves. 19,854; Feb. 18.
- Radio apparatus. W. L. Carlson. 19,945; Apr. 28.
- Radio program selecting apparatus. E. A. Kinney and J. W. Galligan. 19,851; Feb. 11.
- Razor and blade, Safety. N. Testi. 20,185; Nov. 24.
- Receptacle cleaning apparatus. J. E. Wilkes. 19,918; Apr. 7.
- Rectifier and amplifier circuit, Combined. K. C. Black. 19,943; Apr. 28.
- Reel. A. A. Bureau. 20,106; Sept. 15.
- Refrigerating and air conditioning apparatus. H. F. Smith. 19,901; Mar. 24.
- Refrigerating apparatus. R. R. Candor. 20,107; Sept. 15.
- Refrigerating apparatus. J. R. Fehr. 19,858; Feb. 18.
- Refrigerating apparatus. C. W. Scherer. 19,964; May 12.
- Refrigerating apparatus. W. F. Swezey. 19,988; May 26.
- Refrigerating apparatus and process. H. L. Forman. 19,973; May 19.
- Refrigerating machine. A. A. Kucher. 19,908; Mar. 31.
- Refrigerating machine. A. A. Kucher. 20,166; Nov. 10.
- Refrigerating machine. R. C. Warneke. 20,031; July 7.
- Refrigeration, Method and apparatus for. E. Rice, Jr. 19,950; Apr. 28.
- Refrigerator. M. Hokanson. 19,948; Apr. 28.
- Refrigerator control. E. C. Raney. 20,212; Dec. 22.
- Regulator compensator. F. H. Gulliksen. 19,807; Jan. 7.
- Relay. C. H. Larson. 20,099; Sept. 8.
- Release device for inflatable flotation devices. H. E. Heigis. 20,047; July 28.
- Respirator, Hot air. J. E. Bjurstrom. 20,135; Oct. 20.
- Rheostat. C. E. Berger. 20,195; Dec. 8.
- Rivet and setting the same. L. C. Huck. 20,055; Aug. 4.
- Road working machine. I. M. Wells and H. A. Olds. 19,987; May 26.
- Roofing and similar constructions, Sheet metal. H. J. Little. 19,880; Mar. 3.
- Roofing material. N. P. Harshberger. 19,903; Mar. 24.
- Rubber articles, Method of and apparatus for vulcanizing. J. M. Bierer. 20,037; July 21.
- Running board and hose carrier. F. G. Thwaites. 20,039; July 21.
- Safety system. D. D. Knowles. 20,210; Dec. 22.
- Samples for drilled wells, Apparatus for obtaining. G. A. Macready. 19,963; May 12.
- Sanctuary lamp. H. C. Will. 19,912; Mar. 31.
- Seal, Oil. C. W. Marsh. 20,145; Oct. 27.
- Seam for garments. S. N. Weiner. 19,968; May 12.
- Sedimentation apparatus. C. H. Scott. 20,072; Aug. 18.
- Sewage or similar material, Treating. H. J. Hartley. 20,046; July 28.
- Sewage treating apparatus. C. E. Keefer and F. C. Wachter. 19,873; Mar. 3.
- Sewing machine. A. S. Riviere. 20,161; Nov. 3.
- Shaving instrument. W. G. Viall and H. A. Rankow. 20,169; Nov. 10.
- Sheet material and preparing the same, Decorative. R. G. Jackson. 20,182; Nov. 24.
- Sheets, Method of and apparatus for feeding. F. R. Belluche. 20,194; Dec. 8.
- Shock absorber. D. B. D. Blake. 20,084; Sept. 1.
- Shock absorber, Airplane. F. R. Weymouth. 19,931; Apr. 14.
- Shock chill in precipitating substances from liquids, Method and apparatus for avoiding. L. D. Jones. 19,869; Feb. 25.
- Sign, Display. F. Stonebraker, Sr. 20,104; Sept. 8.
- Signal, Combined vehicle. L. H. Tucker. 19,990; May 26.
- Signaling. E. F. W. Alexanderson. 20,153; Nov. 3.
- Silencer. W. Alexander. 19,942; Apr. 28.
- Silk and by-products recovery therefrom, Manufacture of artificial. A. J. L. Moritz and J. J. Schilthuis. 20,079; Aug. 25.
- Slicing machine. C. T. Walter. 19,830; Jan. 21.
- Slot and slug for check controlled apparatus. H. Goetz. 19,981; May 26.
- Sludge removal method and apparatus, Continuous. V. E. McCoy. 19,881; Mar. 3.
- Socket, Molded. A. M. Draving. 20,162; Nov. 10.
- Sorting machine. L. E. Barnes. 20,003; June 16.
- Sound recording system. C. R. Skinner. 20,053; Aug. 4.
- Spark plug. F. M. Anthony. 19,875; Mar. 3.
- Speed cutting mechanism, Variable. G. W. Swift, Jr. 19,989; May 26.
- Spider, Well. H. R. Standlee. 19,852; Feb. 11.
- Splicing device, Automatic. H. A. W. Wood. 19,996; June 2.
- Splicing device, Automatic. H. A. W. Wood. 20,050; July 28.
- Splicing device, Quick change. H. A. W. Wood. 19,958; May 5.
- Steam generator. W. Abendroth. 19,977; May 26.
- Steering apparatus for multiwheel vehicles. R. R. Harris. 20,198; Dec. 8.
- Stereotype platemaking machine. J. J. Walser. 19,861; Feb. 18.
- Sterilizer, Water. R. L. Jewell. 20,164; Nov. 10.
- Stock enclosure and system of electrically charging the same. E. J. Gengler. 19,922; Apr. 7.
- Strip, Antisqueak. R. W. Springer. 19,847; Feb. 4.
- Strip-serving machine. T. R. Gautier and H. E. Nichols. 20,180; Nov. 24.
- Strip serving mechanism. E. H. Chabot. 20,179; Nov. 24.
- Suction cleaner. W. H. Kitto. 19,844; Feb. 4.
- Supporter, Hose. J. G. Tompkins. 19,930; Apr. 14.
- Switch, Time delay mercury. C. H. Larson. 20,100; Sept. 8.
- Table. C. L. Creech, Jr. 19,940; Apr. 21.
- Tape, Method of apparatus for feeding or pulling. K. L. Curtis. 20,095; Sept. 8.
- Tape puller. W. S. Pritchard. 20,130; Oct. 13.
- Television. F. C. P. Henroteau. 20,187; Dec. 1.
- Television device. F. W. Adsit. 19,862; Feb. 25.
- Thermionic tube. O. T. McIlvaine. 20,048; July 28.
- Tire and wheel construction. C. B. McKnight. 19,939; Apr. 21.
- Tire, Pneumatic. P. M. Bourdon. 19,969; May 12.
- Tires, Method and machine for building. W. C. State. 19,895; Mar. 24.
- Tobacco, Treating. M. Rosenberg. 19,984; May 26.
- Tool, Cutting. F. E. Blanc. 20,020; June 30.
- Tourniquet. H. Cohen. 19,924; Apr. 14.
- Traffic control device. L. A. Gilman. 20,006; June 16.
- Traffic controlling apparatus, Railway. G. Baumgartner. 20,134; Oct. 20.
- Trailer. C. V. Hallenbeck. 20,218; Dec. 29.
- Trailer, Drop frame tank. F. G. Thwaites. 20,038; July 21.
- Transformer. A. N. Smith. 19,957; May 5.
- Transformer tap changing mechanism. O. P. McCarty. 20,147; Oct. 27.
- Treated articles, Apparatus for handling. G. L. Cherry and L. F. Lamplough. 19,820; Jan. 14.
- Tuyere. G. Fox and A. J. Whitcomb. 19,980; May 26.
- Valve and making the same, Hollow forged. W. Scribgeour. 20,014; June 23.
- Valve, Gate. M. P. Laurent. 20,101; Sept. 8.
- Valve, Plug. F. A. Browne. 20,196; Dec. 8.
- Vanity case. A. Reilly. 20,222; Dec. 29.



Vaporizer for vapor burners. S. L. G. Knox. 20,091; Sept. 1.  
 Vehicle. W. Swallow. 19,975; May 19.  
 Vehicle brake. R. S. Sanford. 19,872; Feb. 25.  
 Vehicle frame. J. Ledwinka. 20,030; July 7.  
 Vehicle, Motor. G. H. Curtiss. 20,171; Nov. 17.  
 Vehicle provided with four independent wheels, Motor. R. J. Devillers. 19,832; Jan. 21.  
 Ventilating system. W. L. Fleisher. 20,088; Sept. 1.  
 Vibration instrument for bone audition. F. W. Kranz. 19,808; Jan. 7.  
 Voltage supply system for vacuum tubes. W. L. and F. J. Kaehni. 20,078; Aug. 25.  
 Wall mounting structure, Side. J. Kublanow. 20,116; Sept. 22.  
 Wall structure. E. F. Hauserman, L. D. Mowery and J. A. Bohnsack. 20,008; June 16.  
 Wall structure, Metallic. E. F. Hauserman, L. D. Mowery, and J. A. Bohnsack. 19,822; Jan. 14.

Walls, Method of and apparatus for making metallic. F. K. Bezzenberger. 19,890; Mar. 17.  
 Water heating apparatus for house heating systems. J. Vanorio. 20,175; Nov. 17.  
 Water heating system, Hot. H. A. Thrush. 19,873; Feb. 25.  
 Webs, Method and apparatus for drying freshly printed. F. J. Tone. 20,015; June 23.  
 Welding rod, Coated. W. B. Miller. 20,102; Sept. 8.  
 Wells, Apparatus for cementing. E. V. Crowell. 19,952; Apr. 28.  
 Wells, Cementing. E. V. Crowell. 19,897; Mar. 24.  
 Wheel, Dual pneumatic. F. W. Burger. 20,022; June 30.  
 Window construction. G. I. Barclay. 20,054; Aug. 4.  
 Window wing, Adjustable. F. A. Smith. 20,132; Oct. 13.  
 Wire drawing apparatus. H. S. Busey. 20,067; Aug. 18.  
 Wireless transmission system. J. H. Rubenstein. 19,834; Jan. 21.

## LIST OF PLANT INVENTIONS

Barberry plant. C. E. Huber. 189; Aug. 4.  
 Buddleia. P. Schmidt. 206; Nov. 17.  
 Carnation. A. F. J. Baur. 198; Sept. 29.  
 Carnation. S. Hemmings. 193; Sept. 15.  
 Cherry tree, Ornamental. N. M. Smith. 188; June 23.  
 Cherry variety. M. Gerber. 164; Jan. 21.  
 Chrysanthemum, Bronze. C. C. Mayhew. 205; Nov. 17.  
 Chrysanthemum, White. C. C. Mayhew. 204; Nov. 17.  
 Freesia. A. Frey. 196; Sept. 29.  
 Grapevine. T. C. Kevitt. 195; Sept. 15.  
 Lily, Regal. C. N. Moore. 165; Feb. 18.  
 Nectarine. F. W. Anderson. 173; Apr. 7.  
 Peach. W. C. Elliott. 166; Feb. 18.  
 Peach. C. E. Sullivan. 186; June 23.  
 Poinsettia. S. M. Page. 176; Apr. 28.  
 Pomegranate. E. C. Trauernicht. 184; June 16.  
 Poplar, Hybrid. R. H. McKee. 207; Nov. 17.  
 Rose. D. Aicardi. 201; Oct. 13.  
 Rose. W. L. Armacost. 180; June 9.  
 Rose. E. R. Asmus, Sr. 179; June 9.  
 Rose. J. D. Brownell. 200; Oct. 13.  
 Rose. F. E. Cremer. 177; May 12.  
 Rose. J. DeVink. 169; Mar. 17.  
 Rose. P. Dot. 174; Apr. 14.

Rose. P. Dot. 197; Sept. 29.  
 Rose. V. S. Hillock. 185; June 23.  
 Rose. V. S. Hillock. 194; Sept. 15.  
 Rose. J. F. Hiscox. 208; Nov. 24.  
 Rose. W. I. Johnston. 190; Aug. 25.  
 Rose. R. H. Kistler. 183; June 16.  
 Rose. G. E. Lukens. 209; Dec. 8.  
 Rose. C. Mallerin. 191; Sept. 8.  
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 Rose. R. T. Muller. 199; Sept. 29.  
 Rose. J. H. Nicolas. 171-2; Apr. 7.  
 Rose. S. Poulsen. 182; June 9.  
 Rose. W. Spandikow, Jr. 167; Feb. 25.  
 Rose. G. A. van Rossem. 170; Apr. 7.  
 Rose. A. F. Watkins. 162-3; Jan. 21.  
 Rose. R. E. Wilber. 178; June 2.  
 Rose bush. J. W. Cook. 192; Sept. 15.  
 Rose, Hybrid tea. W. B. Murray. 181; June 9.  
 Rose plant. W. Spandikow, Jr. 187; June 23.  
 Sugar cane. B. A. Bourne. 203; Oct. 27.  
 Sugarcane. B. A. Bourne. 210; Dec. 29.  
 Tree, Apple. L. Balderston, 3d. 168; Mar. 10.  
 Tree, Peach. L. B. Le Duke. 175; Apr. 28.



# LIST OF INVENTIONS

- Abdomen support. P. J. Moran. 2,052,935; Sept. 1.  
**Abdominal support.** W. Wagenseil. 2,048,087; July 21.  
 Abietyl compounds and producing sulphur-containing. J. N. Borglin and E. Ott. 2,052,210; Aug. 25.  
 Abietyl compounds, Production of sulphur-containing. E. Ott. 2,055,727; Sept. 29.  
 Abnormal milk detector. F. F. Heffernan and N. C. Stull. 2,055,078; Sept. 22.  
**Abradant holder.** I. Bjornson. 2,044,896; June 23.  
 Abrading and other particles from suspension, Removal of. N. A. Sorenson and R. A. Walters. 2,043,781; June 9.  
 Abrading device. N. H. Knowlton. 2,058,467; Oct. 27.  
 Abrading machine. A. S. Johnson. 2,032,418; Mar. 3.  
 Abrading machine. G. T. Johnson. 2,064,476; Dec. 15.  
 Abrading machine. F. Ricks. 2,030,153; Feb. 11.  
 Abrading machine, Automatically controlled. R. A. Cole. 2,033,922; Mar. 17.  
**Abrading or cutting apparatus.** F. H. Johnston and A. R. Lambert. 2,037,796; Apr. 21.  
 Abrading tool. J. W. Courter. 2,047,256; July 14.  
 Abrasive article. T. W. Bayley. 2,046,240; June 30.  
 Abrasive article. G. W. Chormann, F. A. Upper, and B. H. Work. 2,036,197; Apr. 7.  
 Abrasive article. F. J. Tone. 2,033,263; Mar. 10.  
 Abrasive article. D. E. Webster. 2,048,905; July 28.  
 Abrasive article and making same, Preformed. E. S. Merriam. 2,050,112; Aug. 4.  
 Abrasive articles, Making rubber bonded. D. E. Webster. 2,044,962; June 23.  
 Abrasive articles, Manufacture of. E. C. Schacht. 2,027,308; Jan. 7.  
 Abrasive articles, Manufacture of. R. C. Benner, O. L. Mahlman, and W. D. Rossow. 2,061,931; Nov. 24.  
 Abrasive articles, Manufacture of rubber-bonded. R. J. Noble. 2,057,733; Oct. 20.  
 Abrasive articles, Manufacturing rubber bonded. C. S. Nelson. 2,043,766; June 9.  
 Abrasive bodies, Apparatus for determining the toughness of. R. L. Melton and R. C. Benner. 2,037,527; Apr. 14.  
 Abrasive coated articles, Manufacturing. R. C. Benner and R. L. Melton. 2,053,360; Sept. 8.  
 Abrasive cutting machine and method. D. Lewis, W. L. Walsh, and W. B. Lashar, Jr. 2,031,052; Feb. 18.  
 Abrasive element. W. J. Ellis. 2,032,356; Mar. 3.  
 Abrasive element and making same. W. J. Ellis. 2,038,782; Apr. 28.  
 Abrasive machine. V. R. Pallas. 2,033,393-4; Mar. 10.  
 Abrasive machine and process. V. R. Pallas. 2,033,392; Mar. 10.  
 Abrasive marks from photographic emulsions, Clearing. P. D. Brewster. 2,051,798; Aug. 18.  
 Abrasive material. E. C. Schacht. 2,027,309; Jan. 7.  
 Abrasive material and making the same. R. C. Benner and H. N. Baumann, Jr. 2,046,764; July 7.  
 Abrasive material, Making. G. H. Kann. 2,062,093; Nov. 24.  
 Abrasive particles, Coating. H. M. Dent and A. J. Norton. 2,059,983; Nov. 3.  
 Abrasive sheet and making the same. O. S. Buckner. 2,027,087; Jan. 7.  
 Abrasive supporting member and producing same. K. H. Bowen. 2,032,249; Feb. 25.  
 Abrasive throwing wheel. V. E. Minich. 2,049,466; Aug. 4.  
 Abrasive tool. A. A. Hodgkins. 2,058,229; Oct. 20.  
 Abrasive wheel. M. B. Lane. 2,063,695; Dec. 8.  
 Abrasive wheel. H. G. Robinson. 2,047,649; July 14.  
 Abrasive wheel. A. J. Sandorff. 2,052,194; Aug. 25.  
 Abrasive wheel and making the same. R. C. Benner and W. G. Soley. 2,028,183; Jan. 21.  
 Abrasive wheel, Slotted. H. E. Sherck. 2,049,874; Aug. 4.  
 Absorbent articles, Apparatus for saturating. S. P. Miller. 2,042,676; June 2.  
 Absorbent for refrigerants. F. R. Bichowsky. 2,041,741; May 26.  
 Absorbent material and making the same. J. Finn, Jr. 2,033,698; Mar. 10.  
 Absorber mechanism. W. E. Beline. 2,056,818; Oct. 6.  
 Absorption cold apparatus. A. U. Sarnmark. 2,048,355; July 21.  
 Absorption or adsorption cold machine, Discontinuous. S. Lindeberg. 2,027,693; Jan. 14.  
 Absorption refrigerating apparatus. D. B. Knight. 2,027,106; Jan. 7.  
 Absorption refrigeration system. P. Köhler. 2,051,723; Aug. 18.  
 Absorption spectra of substances, Apparatus for investigating. F. Twyman and D. H. Follett. 2,065,953; Dec. 29.  
 Absorption system. E. G. Ragatz. 2,038,314; Apr. 21.  
 Accelerating and decelerating gauge. J. R. Elsom. 2,063,495; Dec. 8.  
 Accelerator control device. A. B. Ellery. 2,033,821; Mar. 10.  
 Accelerator of vulcanization. H. I. Cramer. 2,050,208; Aug. 4.  
 Accelerator of vulcanization. A. F. Hardman. 2,042,048; May 26.  
 Accelerator of vulcanization. L. B. Sebrell. 2,050,198; Aug. 4.  
 Accelerator of vulcanization. L. B. Sebrell. 2,050,199; Aug. 4.  
 Accelerator of vulcanization. J. Teppema. 2,050,203; Aug. 4.  
 Accelerator, Rubber vulcanization. W. F. Tuley. 2,049,785; Aug. 4.  
 Accelerators. A. M. Clifford. 2,058,771; Oct. 27.  
 Accelerators of vulcanization. A. F. Hardman. 2,042,047; May 26.  
 Accelerators of vulcanization. L. B. Sebrell. 2,050,195; Aug. 4.  
 Accelerometer. R. W. Brown. 2,034,649; Mar. 17.  
 Accessories container. E. H. Koehler. 2,030,305; Feb. 11.  
 Accessory for infants' bathing devices. B. H. Kennedy. 2,065,226; Dec. 22.  
 Accessory for switches. W. H. Frank. 2,035,648; Mar. 31.  
 Accessory system. E. C. Horton. 2,059,457; Nov. 3.  
 Accessory system for motor vehicles. H. Hueber and E. C. Horton. 2,032,321; Feb. 25.  
 Accordion. R. Galanti. 2,065,574; Dec. 29.  
 Accordion. O. Schmidt. 2,036,545; Apr. 7.  
 Accordion. A. Zordan. 2,035,683; Mar. 31.  
 Accordion, Electric. O. Schmidt. 2,056,212; Oct. 6.  
 Accordion keyboard. C. Orlandoni and E. Vergini. 2,058,493; Oct. 27.  
 Accordion shift mechanism. O. Schmidt. 2,040,570; May 12.  
 Accordion shift mechanism. O. Schmidt. 2,051,620; Aug. 18.  
 Accounting machine. E. Breitling. 2,057,657; Oct. 20.  
 Accounting machine. J. W. Bryce. 2,045,436; June 23.  
 Accounting machine. K. Gelpke. 2,060,191; Nov. 10.  
 Accounting machine. M. M. Goldberg. 2,044,842; June 23.  
 Accounting machine. A. F. Sturn. 2,052,905-6; Sept. 1.  
 Accounting machine, Record controlled. J. W. Bryce. 2,045,434; June 23.  
 Accounting machine, Record controlled. J. W. Bryce, G. F. Daly, and J. M. Cunningham. 2,062,117; Nov. 24.  
 Accounting machine, Record controlled and record making. J. W. Bryce. 2,045,435; June 23.  
 Accounting machine, Successive discount. J. W. Bryce. 2,062,119; Nov. 24.  
 Accounting system. H. G. Johnstone. 2,034,260; Mar. 17.  
 Accumulating device. J. W. Armbruster. 2,056,381; Oct. 6.  
 Accumulating device. C. D. Lake. 2,056,403; Oct. 6.  
 Accumulator system for calendars. J. J. Cavagnaro. 2,051,434; Aug. 18.  
 Acetaldehyde, Production of. H. Dreyfus. 2,045,841; June 30.  
 Acetals, Preparing. W. Starck. 2,055,391; Sept. 22.  
 Acetic anhydride, Purification of. N. Lamb. 2,033,720; Mar. 10.  
 Acetone, Manufacture of. H. F. J. Lorang. 2,039,543; May 5.  
 Acetone, Open chain allyl citrylidene. H. Barbier. 2,051,812; Aug. 25.  
 Acetylacetone, Preparation of. G. A. Perkins and W. J. Toussaint. 2,052,652; Sept. 1.  
 Acetylaminonaphthol-sulphonic acids, Production of. G. Maurer and S. G. Ford. 2,062,368; Dec. 1.  
 Acetylene from gas mixtures, Recovery of. R. M. Isham. 2,063,680; Dec. 8.  
 Acetylene gas generator. F. G. Fockler. 2,042,093; May 26.  
 Acetylene manifold. G. M. Deming. 2,034,750; Mar. 24.  
 Acetylene, Manufacture of. J. C. Morrell. 2,030,070; Feb. 11.  
 Acetyl-salicylic acid composition. E. B. Putt. 2,056,208; Oct. 6.  
 Acetyl salicylic acid solution and producing the same. L. Hirschhorn. 2,040,848; May 19.  
 Acid; See—  
   Barbituric acid. Cyanuric acid.  
   Chrysene monosulphonic Long chain organic acid.  
   acid. Sulphonic acid.  
 Acid and caustic alkali, Apparatus for production of chromic. J. W. Boss. 2,055,962; Sept. 29.  
 Acid and its production, Azo-anthranilic. M. Mendoza and F. L. Rose. 2,049,510; Aug. 4.  
 Acid and making same, Alginic. D. E. Clark and H. C. Green. 2,036,922; Apr. 7.  
 Acid and manufacturing the same, Benzyl substituted salicylic. L. P. Kyrides. 2,042,343; May 26.  
 Acid and other lower fatty acids, Dehydration of acetic. D. F. Othmer. 2,050,234; Aug. 4.  
 Acid and other lower fatty acids, Dehydration of acetic. T. O. Wentworth. 2,041,668; May 19.



- Acid and preparing same, New cellulose glycollic. D. C. Ellsworth. 2,060,056; Nov. 10.
- Acid and product, Making alginic. H. C. Green. 2,036,934; Apr. 7.
- Acid anhydride condensation product and making the same, Polyhydric alcohol-polybasic acid-monobasic aliphatic. G. F. Hoffman. 2,028,908; Jan. 28.
- Acid anhydrides, Making aliphatic. H. Dreyfus, H. F. Oxley, and L. Fallows. 2,054,853; Sept. 22.
- Acid anhydrides, Making aliphatic. H. F. Oxley and L. Fallows. 2,054,865; Sept. 22.
- Acid anhydrides, Manufacture of aliphatic. C. J. Malm and W. E. Fisher. 2,026,985; Jan. 7.
- Acid anhydrides, Producing lower aliphatic. H. Dreyfus. 2,050,287; Aug. 11.
- Acid anhydrides, Production of. S. Goldschmidt and R. R. Wolff. 2,060,195; Nov. 10.
- Acid, Apparatus for making phosphoric. H. A. Curtis. 2,026,519; Jan. 7.
- Acid bodies and making same, Sulphonic. J. O. Peirce. 2,042,410; May 26.
- Acid body, Polyketo fatty. M. De Groote, B. Keiser, and A. F. Wirtel. 2,039,063; Apr. 28.
- Acid body, Polyketo fatty. M. De Groote, B. Keiser, and A. F. Wirtel. 2,039,064; Apr. 28.
- Acid by the contact process, Production of sulphuric. C. B. Clark. 2,028,733; Jan. 21.
- Acid by the contact process, Production of sulphuric. C. B. Clark. 2,044,419; June 16.
- Acid calcium citrate, Manufacture of. A. H. Bennett. 2,027,264; Jan. 7.
- Acid calcium lactate compounds. J. K. Dale. 2,046,610; July 7.
- Acid chloride, Production of acrylic. H. Fikentscher. 2,050,752; Aug. 11.
- Acid chlorides, Manufacture of carboxylic. J. R. Mares. 2,051,096; Aug. 18.
- Acid chlorides, Stainless carbamic. H. Hopff and H. Ohlinger. 2,052,138; Aug. 25.
- Acid composition for treatment of deep wells. S. M. Stoesser and W. Fry. 2,048,362; July 21.
- Acid, Concentrating acetic. D. F. Othmer. 2,028,800-1; Jan. 28.
- Acid, Concentrating acetic. D. F. Othmer. 2,050,235; Aug. 4.
- Acid, Concentrating aqueous formic. O. Dragendorff. 2,034,332; Mar. 17.
- Acid, Concentrating sulphuric. M. F. Acken. 2,032,457; Mar. 3.
- Acid condensation products and making them, Amino. H. Dreyfus. 2,063,987; Dec. 15.
- Acid contact process, Sulphuric. J. H. Perry and E. S. Ridler. 2,031,787; Feb. 25.
- Acid corrosion of ferrous metals, Method of and material for inhibiting or retarding. A. J. Saukatis. 2,049,517; Aug. 4.
- Acid derivatives of aliphatic hydrocarbons useful as wetting and cleansing agents, Sulphonic. F. B. Downing and R. G. Clarkson. 2,061,617; Nov. 24.
- Acid derivatives of sulphurized cinchona bark alkaloids, Carboxylic. R. E. Lawrence. 2,031,895; Feb. 25.
- Acid, Device for the simultaneous production of sulphuric and nitric. P. Kachkaroff and C. Matignon. 2,053,834; Sept. 8.
- Acid-dissolving remedies and their production, New uric. J. Gaathaug. 2,038,484; Apr. 21.
- Acid distillation, Fatty. R. H. Potts and J. E. McKee. 2,054,096; Sept. 15.
- Acid ester from its reaction mixture, Separation of an organic. C. J. Malm and C. R. Fordyce. 2,063,322; Dec. 8.
- Acid esters and their production, Monocarboxylic. H. S. Holt. 2,040,849; May 19.
- Acid esters and their production, Propionic. H. S. Holt. 2,031,603; Feb. 25.
- Acid esters, Depolymerizing alpha substituted acrylic. D. E. Strain. 2,030,901; Feb. 18.
- Acid esters, Hydroxy carboxylic. H. L. Cox and T. F. Carruthers. 2,046,150; June 30.
- Acid esters of aliphatic alcohols and the products, Making sulphuric. H. Siebenbürger. 2,060,254; Nov. 10.
- Acid esters of cellulose derivatives and the preparation thereof, Sulphonic. C. J. Malm and G. F. Nadeau. 2,036,423; Apr. 7.
- Acid esters of cellulose, Preparing organic. W. O. Kenyon and G. P. Waugh. 2,051,217; Aug. 18.
- Acid esters of fatty acid monoglycerides, Phosphoric. B. R. Harris. 2,026,785; Jan. 7.
- Acid esters of higher aliphatic alcohols and preparing the same, Pyrophosphoric. K. Butz. 2,053,653; Sept. 8.
- Acid esters of indanthrone, Sulphuric. D. A. W. Fairweather and J. Thomas. 2,063,594; Dec. 8.
- Acid esters of leuco derivatives of vat dyestuffs, Manufacture of stable sulphuric. W. Bauer, L. Zeh, and B. Bollweg. 2,035,362; Mar. 24.
- Acid esters of leuco derivatives of vat dyestuffs, Manufacture of sulphuric. W. Bauer, L. Zeh, and B. Bollweg. 2,035,361; Mar. 24.
- Acid esters of leuco derivatives of vat dyestuffs, Preparing stable sulphuric. W. Bauer, B. Bollweg, and L. Zeh. 2,033,118; Mar. 10.
- Acid esters of leuco derivatives of vat dyestuffs, Preparing sulphuric. H. Lecher, W. Bauer, L. Zeh, and B. Bollweg. 2,035,325; Mar. 24.
- Acid esters of 2-ethylhexanol-1 and their production, Succinic. J. N. Wickert. 2,032,679; Mar. 3.
- Acid esters, Phosphoric. B. R. Harris. 2,052,029; Aug. 25.
- Acid esters, Polycarboxylic. W. E. Lawson. 2,062,917; Dec. 1.
- Acid esters, Recovery of organic. T. Evans and K. R. Edlund. 2,042,218; May 26.
- Acid esters suitable as softening and gelatinizing agents and their production, Polycarboxylic. M. Jahrstorfer and H. G. Hummel. 2,054,979; Sept. 22.
- Acid, Evaporating aqueous hydrochloric. K. Raschig. 2,031,179; Feb. 18.
- Acid from acetic acid, Separating formic. T. O. Wentworth and S. N. Baechle. 2,038,865; Apr. 28.
- Acid from ammonia, Method and apparatus for the production of nitric. O. J. Chinnock. 2,032,684; Mar. 3.
- Acid from gases containing the same, Separation of carbonic. E. Hackhofer and A. Beuther. 2,044,116; June 16.
- Acid from high oil acid sludges, Production of sulphuric. F. J. Bartholomew. 2,049,243; July 28.
- Acid halides, Preparation of aliphatic. P. J. Wiezevich and P. K. Frolich. 2,062,344; Dec. 1.
- Acid hardening fixing composition and preparing the same. J. I. Crabtree and H. D. Russell. 2,063,297; Dec. 8.
- Acid latex and method of making the same, Stabilized. H. J. Billings. 2,038,709; Apr. 28.
- Acid, Making anhydrous citric. E. Aeckerle. 2,030,619; Feb. 11.
- Acid manufacture, Acetic. W. O. Walker and U. Kopsch. 2,047,534; July 14.
- Acid manufacture, Citric. F. J. Cahn. 2,047,669; July 14.
- Acid, Manufacture of acrylic. R. Hill. 2,026,894; Jan. 7.
- Acid, Manufacture of glycollic. E. F. Grether and R. B. DuVall. 2,028,064; Jan. 14.
- Acid, Manufacture of hydrochloric. J. P. Baxter. 2,047,611; July 14.
- Acid, Manufacture of hydrocyanic. R. W. Millar. 2,043,930; June 9.
- Acid, Manufacture of phosphoric. R. E. Vivian. 2,035,850; Mar. 31.
- Acid, Manufacture of sulphuric. H. F. Merriam. 2,042,675; June 2.
- Acid, Manufacture of sulphuric. C. F. Silsby. 2,028,416; Jan. 21.
- Acid manufacture, Sulphuric. C. B. Clark. 2,028,739; Jan. 28.
- Acid, Manufacturing monocarboxylic. C. Conover. 2,063,365; Dec. 8.
- Acid-oil sludge, Treating an. C. E. Lauer, R. E. Manley, and H. D. Loeb. 2,064,549; Dec. 15.
- Acid, Preparation of dichloroacetic. A. Guyot. 2,036,137; Mar. 31.
- Acid, Preparation of phosphoric. W. C. Weber, R. W. Shafor, and E. J. Roberts. 2,049,032; July 28.
- Acid, Preparing angelic. H. P. Kaufmann. 2,060,623; Nov. 10.
- Acid, Preparing 1, 4, 5, 8-naphthalene-tetra-carboxylic. H. Greune. 2,050,657; Aug. 11.
- Acid process, Contact sulphuric. A. O. Jaeger. 2,029,530-1; Feb. 4.
- Acid process, Contact sulphuric. A. O. Jaeger. 2,037,028; Apr. 14.
- Acid, Producing chromic. J. J. Vetter. 2,034,256; Mar. 17.
- Acid, Producing concentrated hydro-fluoric. J. C. Lawrence. 2,047,210; July 14.
- Acid, Producing concentrated nitric. S. L. Handforth and J. N. Tilley. 2,046,162; June 30.
- Acid, Producing oxalic. G. S. Simpson. 2,057,119; Oct. 13.
- Acid, Production of barbituric. P. Halbig and F. Kaufer. 2,051,846; Aug. 25.
- Acid, Production of chromic. J. W. Boss. 2,055,961; Sept. 29.
- Acid, Production of concentrated nitric. E. Lüscher. 2,028,402; Jan. 21.
- Acid, Production of furoic. L. L. Isenhour. 2,041,184; May 19.
- Acid, Production of hydrocyanic. H. Tramm and W. Grimme. 2,057,282; Oct. 13.
- Acid, Production of monochlorisobutyric. D. J. Loder and E. D. Ries. 2,043,670; June 9.
- Acidproof tank. R. Neuhaus. 2,054,587; Sept. 15.
- Acid, Purification of naphthylamine sulphonic. H. V. Rapp. 2,058,911; Oct. 27.
- Acid, Purifying ricinoleic. T. H. Rider. 2,045,727; June 30.
- Acid, Purifying silicic. W. Dusing and J. Ensz. 2,049,359; July 28.
- Acid, Purifying sulphuric. W. Hardiek. 2,038,078; Apr. 21.
- Acid, Recovery of sulphuric. L. Rosenstein. 2,055,419; Sept. 22.
- Acid, Recovery of sulphuric. H. W. Sheldon. 2,065,617; Dec. 29.
- Acid resin, Succinic. I. Rosenblum. 2,063,856; Dec. 8.
- Acid resins, Amine modified polyhydric alcohol-polybasic. M. M. Brubaker and R. E. Thomas. 2,048,778; July 28.
- Acid sludge, Conditioning. F. J. Bartholomew. 2,052,544; Sept. 1.



- Acid sludge, Hydrolizing. H. W. Thompson and J. T. Rutherford. 2,026,714; Jan. 7.
- Acid sludge into sulphur dioxide, hydrocarbons, and coke, Conversion of. W. H. Bahlke. 2,043,646; June 9.
- Acid sludge, oil, and wax, Treating a cold mixture of. G. J. Strezynski and G. M. Pfau. 2,066,166; Dec. 29.
- Acid sludge, Purifying. F. M. Archibald. 2,062,347; Dec. 1.
- Acid, Synthesis of formic. H. Dreyfus. 2,028,764-5; Jan. 28.
- Acid synthesis process. W. E. Vall. 2,033,161; Mar. 10.
- Acid, System for manufacture of nitric. F. W. de Jahn. 2,027,578; Jan. 14.
- Acid triesters of aliphatic alcohols, Production of phosphoric. M. Mugdan and J. Sixt. 2,046,031; June 30.
- Acid xylidides and their production, Naphthoic. M. A. Dahlen and M. E. Friedrich. 2,063,590; Dec. 8.
- Acidity, Apparatus for testing. A. O. Beckman and F. H. Fracker. 2,058,761; Oct. 27.
- Acids and alkyl-substitution products thereof and preparing them, Aminobutane-disulphonic. O. Nicodemus and W. Schmidt. 2,040,626; May 12.
- Acids and ammonia from gases, Removal of weak. H. Baehr. 2,045,747; June 30.
- Acids and inner anhydrides thereof and preparing them, Ortho-(aminoaroyl)-benzoic. A. Wolfram and E. Hausdorfer. 2,031,143; Feb. 18.
- Acids and making them, Anthrapyridone sulphonic. K. Weinand. 2,029,007; Jan. 28.
- Acids and preparing them, Aminopyrene-sulphonic. M. Corell. 2,046,249; June 30.
- Acids and preparing the same, Anthrapyrimidone sulphonic. K. Weinand. 2,056,548; Oct. 6.
- Acids and preparing the same, Dianthraquinonyl dicarboxylic. C. Shaw. 2,063,634; Dec. 8.
- Acids and sulphonates and preparing the same, Petroleum sulphonic. E. Field. 2,036,469; Apr. 7.
- Acids and their derivatives, Hydrogenation of aroyl aromatic. G. D. Graves. 2,053,430; Sept. 8.
- Acids and their preparation, Carboxylic. G. B. Carpenter. 2,054,807; Sept. 22.
- Acids, Concentrating lower aliphatic. H. Dreyfus. 2,050,288; Aug. 11.
- Acids, Concentration of aliphatic. H. Dreyfus. 2,040,926; May 19.
- Acids, Concentration of lower aliphatic. H. Dreyfus. 2,033,978; Mar. 17.
- Acids from halogenated ketones, Production of substituted. M. de Simo and C. C. Allen. 2,051,470; Aug. 18.
- Acids from ketones, Preparation of organic. A. T. Larson. 2,037,654; Apr. 14.
- Acids from oxidation products of hydrocarbons, Recovery of organic. H. Beller. 2,055,095; Sept. 22.
- Acids from oxidation products of hydrocarbons, Recovery of organic. H. Beller and M. Schellmann. 2,059,201; Nov. 3.
- Acids from oxidation products, Recovery of fatty. M. Harder. 2,059,232; Nov. 3.
- Acids in fatty material, Liberating fatty. E. W. Eckey and C. C. Clark. 2,065,520; Dec. 29.
- Acids, Isothiocyanate sulphonic. J. Hilger, A. Ossenbeck, and E. Tietze. 2,042,600; June 2.
- Acids, Making mixed nitric and sulphuric. C. B. Clark. 2,047,546; July 14.
- Acids, Manufacture of alkyl sulphonic. A. Davidson. 2,053,424; Sept. 8.
- Acids of high wetting, dispersing, and emulsifying power and producing the same, Substituted sulphonic. E. Segesemann. 2,054,140; Sept. 15.
- Acids of higher aliphatic ketones, Sulphonic. F. Guenther and H. Holsten. 2,037,974; Apr. 21.
- Acids, Preparation of alkylated aromatic carbocyclic sulphonic. E. A. Mauersberger. 2,036,593; Apr. 7.
- Acids, Preparation of halogen alkanesulphonic. R. Adams, H. Eatough, and C. S. Marvel. 2,036,249; Apr. 7.
- Acids, Preparation of organic. A. T. Larson. 2,039,722; May 5.
- Acids, Preparation of polycyclic aromatic monocarboxylic. N. D. Scott and J. F. Walker. 2,054,100; Sept. 15.
- Acids, Preparing color-stable fatty. M. L. Sheety. 2,062,837; Dec. 1.
- Acids, Preparing hydroxylated carboxylic. A. W. Ralston and S. T. Bauer. 2,033,538; Mar. 10.
- Acids, Production of dilute. F. A. Henglein and F. W. Stauff. 2,036,412; Apr. 7.
- Acids, Production of organic. J. F. Walker. 2,033,056; Mar. 3.
- Acids, Production of sulphonic. F. Günther and J. Hetzer. 2,037,229; Apr. 14.
- Acids, Production of sulphonic. R. Huttenlocher and R. Hess. 2,029,073; Jan. 28.
- Acids, Purification of naphthenic. F. J. Ewing. 2,035,696; Mar. 31.
- Acids, Purification of naphthenic. F. J. Ewing. 2,035,741-2; Mar. 31.
- Acids, Purifying naphthenic. R. F. Nelson and L. Zapf. 2,039,106; Apr. 28.
- Acids recovered from cellulose esterification processes, Concentrating aqueous aliphatic. H. E. Martin. 2,063,940; Dec. 15.
- Acids, Refining fatty. H. G. Vesterdal. 2,038,617; Apr. 28.
- Acids, Separating fatty. A. W. Ralston, W. O. Pool, and J. Harwood. 2,042,729; June 2.
- Acids useful as textile assisting agents and making same, Imidazole sulphonic. C. Gränacher. 2,036,525; Apr. 7.
- Acoustic apparatus. C. Schapira. 2,031,859; Feb. 25.
- Acoustic construction. V. A. Schlenker. 2,030,157; Feb. 11.
- Acoustic corrective material. C. K. Roos. 2,052,517; Aug. 25.
- Acoustic device. W. L. Betts and E. H. Jones. 2,058,555; Oct. 27.
- Acoustic device. D. G. Blattner. 2,058,208; Oct. 20.
- Acoustic device. N. Blount. 2,039,625; May 5.
- Acoustic device. D. F. Burke. 2,041,163; May 19.
- Acoustic device. H. Gerdien and H. Neumann. 2,047,367; July 14.
- Acoustic device. J. J. Kuhn. 2,059,588; Nov. 3.
- Acoustic device. R. R. Riesz. 2,062,478; Dec. 1.
- Acoustic device. E. G. Shower. 2,056,300; Oct. 6.
- Acoustic device. A. L. Thuras. 2,041,157; May 19.
- Acoustic diaphragm. N. E. Wunderlich. 2,038,401; Apr. 21.
- Acoustic electric energy converter. G. W. Pierce. 2,031,789; Feb. 25.
- Acoustic-kinetoscope. P. S. Malickson. 2,049,853; Aug. 4.
- Acoustic material. J. Dean. 2,049,832; Aug. 4.
- Acoustic materials. H. D. Arnold. 2,028,180; Jan. 21.
- Acoustic panel and making same. C. N. Wenrich, H. Paschke, and C. C. Vogt. 2,051,628; Apr. 18.
- Acoustic resistance device. M. W. Scheldorf. 2,065,751; Dec. 29.
- Acoustic signaling device. J. F. Moran. 2,050,447; Aug. 11.
- Acoustic tensiometer. M. N. Pack. 2,040,874; May 19.
- Acoustic testing apparatus. W. F. Alder. 2,060,009; Nov. 10.
- Acoustic time delay system. R. M. Morris. 2,039,104; Apr. 28.
- Acoustic translating device. A. F. Sykes. 2,038,687; Apr. 28.
- Acoustical structure. J. S. Parkinson. 2,029,441; Feb. 4.
- Acoustical wall surfacing. E. J. Miller. 2,031,900; Feb. 25.
- Active ray treating device. H. M. Creighton and E. C. Berndt. 2,029,612; Feb. 4.
- Actuating device for electric apparatus. K. J. Jungholm. 2,058,695; Oct. 27.
- Actuating means for closures, such as doors, lids, and the like. O. C. Schmidt. 2,030,324; Feb. 11.
- Actuating mechanism for aeroplane flotation devices. D. Mapes. 2,037,583; Apr. 14.
- Actuating mechanism for presses. E. Davis. 2,035,793; Mar. 31.
- Actuator, Floating. A. C. Starr. 2,060,908; Nov. 17.
- Acylamino derivatives of the anthrapyrimidine series. M. A. Kunz and K. Koeberle. 2,040,857; May 19.
- Acyl derivatives of the dihydrofollic hormone and making the same. E. Schwenk and F. Hildebrandt. 2,033,487; Mar. 10.
- Acyl halides of tertiary butyl acetic acid. F. C. Whitmore and A. H. Homeyer. 2,034,850; Mar. 24.
- Adapter for valve bags. A. J. Verwys. 2,031,915; Feb. 25.
- Adapter for valve bags. A. J. Verwys. 2,034,217; Mar. 17.
- Adapter plate for applying pressure to forks for shearing machines. F. G. Bristow. 2,042,295; May 26.
- Adding machine. C. P. Evans. 2,044,975; June 23.
- Addition compounds of methyl ether and their preparation. D. J. Loder and K. E. Walker. 2,052,889; Sept. 1.
- Address plate. W. T. Gollwitzer. 2,030,865; Feb. 18.
- Address plate. W. T. Gollwitzer. 2,047,200; July 14.
- Addressing and listing machine. H. P. Elliott. 2,035,695; Mar. 31.
- Addressing machine. W. W. Lasker. 2,027,916; Jan. 14.
- Addressing machine. F. W. Storck. 2,054,344; Sept. 15.
- Addressing plate. L. S. Allen. 2,032,459; Mar. 3.
- Adherence of stacked sheets, Preventing the. R. N. Wallach and R. Schwarz. 2,057,548; Oct. 13.
- Adhesions, Electrosurgical severance of. R. H. and F. C. Wappler. 2,031,682; Feb. 25.
- Adhesive. F. M. Allen and W. S. Egge. 2,064,139; Dec. 15.
- Adhesive. N. H. Bjerg. 2,040,916; May 19.
- Adhesive. D. S. Morse. 2,047,880; July 14.
- Adhesive. O. W. Pendergast. 2,046,925; July 7.
- Adhesive. W. Schrauth. 2,051,184; Aug. 18.
- Adhesive. O. Sealise and D. Coleman. 2,062,942; Dec. 1.
- Adhesive. J. E. Snyder and T. G. Finsel. 2,037,053; Apr. 14.
- Adhesive and coating composition. H. L. Fisher. 2,057,715; Oct. 20.
- Adhesive and making the same. G. H. Osgood and R. G. Peterson. 2,049,311; July 28.
- Adhesive and manufacture thereof. W. L. Jones. 2,045,988; June 30.
- Adhesive and medium for making laminated fabrics, Thermoplastic. R. M. Freyberg. 2,053,773; Sept. 8.
- Adhesive and method of bonding. T. K. Cleveland and W. Stericker. 2,044,466; June 16.
- Adhesive and preparing same, Laminated safety glass. J. D. Ryan and G. B. Watkins. 2,042,485; June 2.
- Adhesive, Apparatus for applying. J. P. Pederson. 2,044,365; June 16.
- Adhesive, Application of. C. A. Newhall. 2,054,944; Sept. 22.



- Adhesive applicator for French folding mechanisms. J. B. and P. L. O'Donnell. 2,037,481; Apr. 14.
- Adhesive applying apparatus. G. L. Rock. 2,049,928; Aug. 4.
- Adhesive applying device for tube forming machines. A. C. Huston. 2,037,197; Apr. 14.
- Adhesive applying mechanism. E. G. Rider. 2,028,878; Jan. 28.
- Adhesive applying mechanism for tubing machines. A. Potdevin. 2,049,514; Aug. 4.
- Adhesive article and manufacturing an adhesive. O. W. Pendergast. 2,046,924; July 7.
- Adhesive composition. D. E. Edgar. 2,064,802; Dec. 15.
- Adhesive composition and making same. G. G. Pierson. 2,030,073; Feb. 11.
- Adhesive composition and making the same. H. E. Holcomb. 2,030,633; Feb. 11.
- Adhesive compositions. F. M. Clark. 2,056,826; Oct. 6.
- Adhesive feeder. B. Nagy. 2,062,900; Dec. 1.
- Adhesive feeding device, Bottle crown. B. Nagy. 2,066,071; Dec. 29.
- Adhesive foot treatment articles, Making and mounting. W. M. Scholl. 2,033,553; Mar. 10.
- Adhesive grease composition. J. C. Zimmer and A. J. Morway. 2,062,346; Dec. 1.
- Adhesive or binder. R. P. Carlton. 2,030,743; Feb. 11.
- Adhesive pad. W. M. Scholl. 2,057,922; Oct. 20.
- Adhesive sheet material. F. H. Russell. 2,054,448; Sept. 15.
- Adhesive tape. E. L. Kallander and G. R. Alden. 2,027,436; Jan. 14.
- Adhesive tape and gauze dressings, Making. W. Eustis and P. Walter. 2,029,260; Jan. 28.
- Adhesive tape severing clip. G. W. Riddle, Jr. 2,042,360; May 26.
- Adhesive tape to containers, Device for applying. H. A. Eggerss. 2,057,061; Oct. 13.
- Adhesive tape to containers, Method of and a device for applying. S. J. M. Schantz. 2,057,060; Oct. 13.
- Adhesive unit. H. E. Carpenter. 2,030,135; Feb. 11.
- Adhesive wrapping strip. N. J. Strauss. 2,049,030; July 28.
- Adhesives, Synthetic phenol resin. A. H. Bowen. 2,064,410; Dec. 15.
- Adhesives and products derived therefrom. H. M. Bunbury, R. B. F. F. Clarke, and W. J. R. Evans. 2,046,015; June 30.
- Adhesives, Apparatus for treating. C. A. Ball. 2,026,726; Jan. 7.
- Adjustable automobile seat. C. K. Brobst. 2,050,420; Aug. 11.
- Adjustable bearing. R. Dürr. 2,039,152; Apr. 28.
- Adjustable bearing. A. I. Murdock. 2,028,556; Jan. 21.
- Adjustable book support. E. Newmeyer, Jr. 2,046,573; July 7.
- Adjustable bracket. W. A. Ferguson. 2,042,886; June 2.
- Adjustable broiler. H. W. Cable and J. E. Nason. 2,048,102; July 21.
- Adjustable chair. R. A. and J. F. Cramer. 2,054,557; Sept. 15.
- Adjustable clamp. F. E. Stahl. 2,061,718; Nov. 24.
- Adjustable connector. J. J. Kaufman. 1,040,790; May 12.
- Adjustable die holder. W. H. Roe. 2,028,354; Jan. 21.
- Adjustable extensible carrier. G. C. Kennedy. 2,048,553; July 21.
- Adjustable fastener. G. von Koczian. 2,035,031; Mar. 24.
- Adjustable handle. A. Weber. 2,031,442; Feb. 18.
- Adjustable head support. J. C. Hintz. 2,028,979; Jan. 28.
- Adjustable lamp stand. H. F. Reichenbach. 2,037,435; Apr. 14.
- Adjustable lamp support. K. Harz. 2,039,408; May 5.
- Adjustable lamp support. A. A. Karcher. 2,029,532; Feb. 4.
- Adjustable mechanism for oscillating electric fans. J. J. Gough. 2,041,921; May 26.
- Adjustable rail brace. S. L. Eastburn. 2,036,199-200; Apr. 7.
- Adjustable screen. J. Speer. 2,047,085; July 7.
- Adjustable seat. J. M. Dorton. 2,043,287; June 9.
- Adjustable seat. H. M. Erwin. 2,044,675; June 16.
- Adjustable seat. J. Kersten. 2,031,109; Feb. 18.
- Adjustable seat. J. M. Maslowski. 2,041,615; May 19.
- Adjustable seat support. W. S. Saunders. 2,060,247; Nov. 10.
- Adjustable shear gauge. H. G. R. Bennett. 2,065,420; Dec. 22.
- Adjustable sink bracket. E. C. Daugherty. 2,035,301; Mar. 24.
- Adjustable spring clamp. A. Philipp. 2,058,102; Oct. 20.
- Adjustable support. H. C. Johansen. 2,052,301; Aug. 25.
- Adjustable support. G. H. Kehr and F. J. Ertel. 2,065,529; Dec. 29.
- Adjustable support. O. E. Trautmann. 2,065,952; Dec. 29.
- Adjustable table. W. G. Lundquist. 2,041,772; May 26.
- Adjustable tumbler lock. L. E. Deutsch. 2,060,978; Nov. 17.
- Adjustable window seat. N. Paulus. 2,053,104; Sept. 1.
- Adjustable wrench. A. P. Ibbott. 2,053,033; Sept. 1.
- Adjusting apparatus. V. W. Thomas. 2,041,500; May 19.
- Adjusting device for cylinder grinders. F. M. Kern. 2,058,464; Oct. 27.
- Adjusting device in machine tools for adjustment of a tool rest. J. Bergstrom. 2,033,677; Mar. 10.
- Adjusting means for intermediate-frequency transformers. M. J. Kirk and J. C. McGinley. 2,032,580; Mar. 3.
- Adjusting means for sleeve bearings. E. A. Hall. 2,042,783; June 2.
- Adjustment control, Double. I. E. McCabe. 2,043,441; June 9.
- Adrenal cortical hormones and the product of such method. Extracting. G. F. Cartland and M. H. Kuizenga. 2,053,549; Sept. 8.
- Adsorbent. H. J. Wollner. 2,044,341; June 16.
- Adsorbent. H. J. Wollner and J. V. Shinn. 2,027,948; Jan. 14.
- Adsorber and system. E. B. Miller. 2,053,159; Sept. 1.
- Advertising, Aircraft. J. C. Haddock and Z. D. Granville. 2,062,510; Dec. 1.
- Advertising apparatus. J. M. Bauml. 2,065,959; Dec. 29.
- Advertising apparatus. H. C. Crum. 2,040,363; May 12.
- Advertising bracket sign. A. Bennett. 2,049,638; Aug. 4.
- Advertising card and forming same, Blotting paper stock. C. K. Miller. 2,061,844; Nov. 24.
- Advertising device. J. Eisner and S. G. Hoffman. 2,043,209; June 2.
- Advertising device. S. R. Fry. 2,049,698; Aug. 4.
- Advertising device. E. L. King. 2,061,309; Nov. 17.
- Advertising device. W. W. Miller. 2,045,864; June 30.
- Advertising device. A. Naeser. 2,049,857; Aug. 4.
- Advertising device. R. F. Outcault. 2,040,950; May 19.
- Advertising device. G. Peterson. 2,049,079; July 28.
- Advertising device. G. A. Prager. 2,033,993; Mar. 17.
- Advertising device. H. A. Slattengren. 2,030,769; Feb. 11.
- Advertising device. E. W. Stephenson. 2,041,497; May 19.
- Advertising device, Animated. W. F. Currie. 2,058,417; Oct. 27.
- Advertising device, Changeable light. W. W. Shigley. 2,055,777; Sept. 29.
- Advertising display. G. Makres. 2,027,600; Jan. 14.
- Advertising display device. A. Bodenweiser. 2,030,680; Feb. 11.
- Advertising display device. B. F. Cullison. 2,045,898; June 30.
- Advertising display device. M. K. Naylor. 2,064,174; Dec. 15.
- Advertising display device. G. L. Phillips. 2,045,675; June 30.
- Advertising display sign. W. G. Benway. 2,056,383; Oct. 6.
- Advertising display sign. H. T. Gorrie. 2,056,396; Oct. 6.
- Advertising machine. C. W. Hess and B. Sharp. 2,054,879; Sept. 22.
- Advertising mechanism. F. H. Jensen. 2,027,981; Jan. 14.
- Advertising novelty. H. L. Moore. 2,038,666; Apr. 28.
- Advertising on rubber bands, Printing. H. G. Miller. 2,037,254; Apr. 14.
- Advertising sign. C. E. Karst. 2,062,887; Dec. 1.
- Advertising sign. G. Michaus. 2,042,268; May 26.
- Advertising structure, Outdoor. H. de Roulet. 2,030,505; Feb. 11.
- Aerating apparatus for fertilizer and the like. A. J. Sackett. 2,028,413; Jan. 21.
- Aerating device. R. O. Couch. 2,045,442; June 23.
- Aerating machine. L. E. Booth. 2,055,065; Sept. 22.
- Aerating machine. W. Fagergren. 2,054,249; Sept. 15.
- Aerator. A. C. Durdin, Jr. 2,063,301; Dec. 8.
- Aerator. R. F. Goudey, S. M. and H. R. Bennett. 2,058,785; Oct. 27.
- Aerial and apparatus for use therewith, Directional. H. A. Ewen. 2,042,931; June 2.
- Aerial and control, Aircraft. W. G. Logue. 2,048,015; July 21.
- Aerial, Directional. C. S. Franklin. 2,053,658; Sept. 8.
- Aerial effects, Creating. J. C. Haddock and Z. D. Granville. 2,062,511; Dec. 1.
- Aerial light integrator. C. J. Crane and W. C. Ocker. 2,053,183; Sept. 1.
- Aerial for use on short waves, Wireless. N. Wells and E. Green. 2,031,140; Feb. 18.
- Aerial photograph calculator. J. W. Bagley. 2,053,019; Sept. 1.
- Aerial projection. A. B. Gauthier. 2,055,217; Sept. 22.
- Aerial system. G. A. Mathieu. 2,049,070; July 28.
- Aerial system, Directional. E. Green. 2,045,987; June 30.
- Aerodynamic support. H. H. Jacobs. 2,055,498; Sept. 29.
- Aeronautical propeller. E. Geil and H. Ebert. 2,046,817; July 7.
- Aeronautical wheel. R. J. McLaughlin. 2,035,175; Mar. 24.
- Aeroplane. H. Alfaro. 2,049,188; July 28.
- Aeroplane. W. Kroll. 2,049,910; Aug. 4.
- Aeroplane. J. D. North. 2,062,599; Dec. 1.
- Aeroplane. W. W. Rothenhofer. 2,064,223; Dec. 15.
- Aeroplane. V. L. Volpicelli. 2,054,610; Sept. 15.
- Aeroplane flotation device. D. Mapes. 2,052,186; Aug. 25.
- Aeroplane landing means. I. M. Laddon and S. P. Lyon. 2,052,234; Aug. 25.
- Aeroplane lighting system. J. B. Bartow. 2,064,722; Dec. 15.
- Aeroplane wing. R. G. Sline. 2,036,891; Apr. 7.
- Aeroplane wing, Folding. L. F. Prevette. 2,032,307; Feb. 25.



- Agar agar gel and combinations thereof, High concentration. H. von Brandt. 2,042,917; June 2.
- Age retarder. W. M. Lauter. 2,040,490; May 12.
- Agents for the textile industry, Assisting. C. Graenacher and R. Sallmann. 2,060,568; Nov. 10.
- Agents rendering textile materials fast to creasing. A. Eckelmann and E. Koch. 2,039,524; May 5.
- Aggregate and binder upon a road, Apparatus for mixing. H. B. Pullar and J. W. Smith. 2,059,607; Nov. 3.
- Aggregate, Making light weight. W. P. Stanton. 2,035,845; Mar. 31.
- Aggregates, Apparatus for preparing. M. Ovestrud and J. A. Hanratty. 2,050,458; Aug. 11.
- Agitating apparatus. C. L. Frierwood. 2,060,932; Nov. 17.
- Agitating apparatus. W. W. Parker. 2,053,627; Sept. 8.
- Agitating apparatus. J. Schmeller, Sr. 2,056,077; Sept. 29.
- Agitating machine. E. G. Streckfuss. 2,065,353; Dec. 22.
- Agitating mixer. F. Whipperman. 2,045,170; June 23.
- Agitator. T. J. La Valley. 2,053,401; Sept. 8.
- Agitator. H. B. Smith. 2,034,214; Mar. 17.
- Agitator, Barrel. F. H. Haywood. 2,045,710; June 30.
- Agitator, Can. F. D. Chapman. 2,050,560; Aug. 11.
- Agitator, Electrically heated. J. C. Meek. 2,060,378; Nov. 10.
- Agitator for washing machines. T. W. Behan. 2,042,578; June 2.
- Agitator, Freezing tray. F. J. Williams. 2,061,819; Nov. 24.
- Agitator, Liquid. M. A. Donahoe and C. I. Smith. 2,036,262; Apr. 7.
- Agitator, Liquid. M. S. Scofield. 2,037,152; Apr. 14.
- Agitator mechanism, Traveling. E. S. Wegener. 2,032,678; Mar. 3.
- Agricultural apparatus. I. J. Richards. 2,063,828; Dec. 8.
- Agricultural disk machine. J. Chambers and R. Ego. 2,038,715; Apr. 28.
- Agricultural implement. W. W. Austin. 2,046,234; June 30.
- Agricultural implement. J. B. Davis. 2,034,229; Mar. 17.
- Agricultural implement. N. Hebert. 2,049,203; July 28.
- Agricultural implement. C. W. Kelsey. 2,054,129; Sept. 15.
- Agricultural implement. J. Legendre. 2,053,618; Sept. 8.
- Agricultural implement. A. Oder and A. J. Davis. 2,050,454; Aug. 11.
- Agricultural implement. W. E., J. S., and E. J. Pryor. 2,060,688; Nov. 10.
- Agricultural implement for cultivating land. J. A. Fishleigh. 2,051,694; Aug. 18.
- Agricultural implements, Adjusting means for. F. T. Court. 2,062,351; Dec. 1.
- Alleron control. L. O. Cederwall. 2,053,064; Sept. 1.
- Alleron control for folding wings. J. A. Kerr. 2,044,357; June 16.
- Alleron control system for aeroplanes. W. B. Henderson. 2,045,269; June 23.
- Air and fuel chamber for engine starters. C. F. Heywood. 2,046,074; June 30.
- Air and like filter. W. Rehfus. 2,065,871; Dec. 29.
- Air and other gases, Apparatus for conditioning. C. F. Haunz. 2,056,353; Oct. 6.
- Air and other gases, Apparatus for treating. W. Zellweger. 2,063,716; Dec. 8.
- Air and other separator. G. H. Fraser. 2,055,484; Sept. 29.
- Air and solids from liquids, Apparatus for separating. T. J. Kenny. 2,061,517; Nov. 17.
- Air and water to the cylinders of an internal combustion engine, Device for admitting. A. E. Dearing and W. B. Parker. 2,027,813; Jan. 14.
- Air, Apparatus for cleaning. T. W. Hallerberg. 2,040,376; May 12.
- Air, Apparatus for conditioning. H. H. Dodge. 2,053,395; Sept. 8.
- Air, Apparatus for conditioning. D. L. Nixon. 2,057,106; Oct. 13.
- Air, Apparatus for conditioning. E. F. White. 2,053,647; Sept. 8.
- Air, apparatus for cooling and conditioning air. R. J. Roberts. 2,062,728; Dec. 1.
- Air, Apparatus for purifying and otherwise treating. F. J. Kurth. 2,057,579; Oct. 13.
- Air bag for mending pneumatic tires. S. W. Lippitt. 2,035,660; Mar. 31.
- Air brake. C. A. Campbell. 2,027,468; Jan. 14.
- Air brake. C. A. Campbell. 2,032,002; Feb. 25.
- Air brake. C. A. Campbell. 2,033,229-30; Mar. 10.
- Air brake. C. A. Campbell. 2,034,328; Mar. 17.
- Air brake. C. A. Campbell. 2,037,117; Apr. 14.
- Air brake. C. A. Campbell. 2,050,783; Aug. 11.
- Air brake. C. A. Campbell. 2,051,326; Aug. 18.
- Air brake. C. A. Campbell. 2,055,966-7; Sept. 29.
- Air brake. C. A. Campbell. 2,062,207; Nov. 24.
- Air brake. C. A. Campbell and P. Dodge. 2,027,469; Jan. 14.
- Air brake. C. W. Ickes and T. P. Ickes. 2,040,312; May 12.
- Air brake control valve. D. F. Searle. 2,063,700; Dec. 8.
- Air by refrigeration, Cooling of. M. M. Lawler. 2,048,861; July 21.
- Air circulating and conditioning device. F. M. Young. 2,040,118; May 12.
- Air circulating means for display fixtures. E. Allen. 2,035,936; Mar. 31.
- Air circulating mechanism for refrigerated cases. H. J. and J. J. Hanlon. 2,027,974; Jan. 14.
- Air circulator and draft regulator for hot air furnaces, Combined. M. W. Best. 2,039,948; May 5.
- Air-circulatory system for dry kilns. C. Phillips and G. M. Harris. 2,060,111; Nov. 10.
- Air classification, Process and apparatus for. R. K. Rourke. 2,051,107; Aug. 18.
- Air cleaner. H. E. Altgelt. 2,033,368; Mar. 10.
- Air cleaner. A. L. R. Bernard. 2,034,323; Mar. 17.
- Air cleaner. R. E. DeBolt. 2,027,636; Jan. 14.
- Air cleaner. F. A. Donaldson. 2,053,603; Sept. 8.
- Air cleaner. C. C. Harrah. 2,037,164; Apr. 14.
- Air cleaner. W. C. Wilson. 2,062,548; Dec. 1.
- Air cleaner and classifier for fine coals. G. A. Vissac. 2,063,533; Dec. 8.
- Air cleaning and sound-silencing apparatus. F. S. Oren. 2,050,581; Aug. 11.
- Air compressing device. J. Volliman. 2,027,076; Jan. 7.
- Air compressor. H. Hatmaker. 2,050,886; Aug. 11.
- Air compressor. P. Maniscalco. 2,042,673; June 2.
- Air compressor. H. Morgan. 2,049,131; July 28.
- Air compressor. A. Ziska and C. A. Biebler. 2,053,593; Sept. 8.
- Air compressor, Portable. A. C. Staley. 2,037,830; Apr. 21.
- Air condition indicator. F. Bullock. 2,044,239; June 16.
- Air conditioner. N. M. Belden. 2,061,646; Nov. 24.
- Air conditioner. S. Chapman. 2,037,760; Apr. 21.
- Air conditioner. L. W. Child. 2,044,832; June 23.
- Air conditioner. D. W. Grazier. 2,038,654; Apr. 28.
- Air conditioner. A. D. Greene. 2,055,528; Sept. 29.
- Air conditioner. G. D. Harris. 2,048,694; July 28.
- Air conditioner. A. Richter. 2,044,330; June 16.
- Air conditioner. F. Riebel, Jr., and L. W. Child. 2,041,959; May 26.
- Air conditioner. L. W. Stouder. 2,054,272; Sept. 15.
- Air conditioner. J. C. Wichmann. 2,028,814; Jan. 28.
- Air conditioner and water heating system. C. D. Knudsen. 2,029,574; Feb. 4.
- Air-conditioner, Body. C. L. Mumaugh. 2,053,404; Sept. 8.
- Air-conditioner, Cabinet. F. A. Whiteley. 2,063,418; Dec. 8.
- Air conditioner for bathrooms. T. Harris. 2,047,067; July 7.
- Air conditioner for vehicles. J. E. and B. F. Hammers and E. C. Buehler. 2,032,572; Mar. 3.
- Air conditioner, Motor vehicle. H. W. Hedburg. 2,031,041; Feb. 18.
- Air conditioner, Portable. R. G. Amos. 2,055,958; Sept. 29.
- Air conditioner, Portable. H. C. Hettinger. 2,054,541; Sept. 15.
- Air conditioner, Unit. F. M. Young. 2,055,056; Sept. 22.
- Air conditioner, Unitary. C. Christofferson and A. G. Wahlberg. 2,040,920; May 19.
- Air conditioning. C. F. Beran. 2,064,808; Dec. 22.
- Air conditioning. A. J. Otto. 2,053,042; Sept. 1.
- Air conditioning and refrigerating device. R. McKinney. 2,031,055; Feb. 18.
- Air conditioning apparatus. R. H. Anderegg. 2,061,447; Nov. 17.
- Air conditioning apparatus. F. P. Bingman. 2,061,344; Nov. 17.
- Air conditioning apparatus. G. Campbell. 2,042,141-2; May 26.
- Air conditioning apparatus. R. D. Delamere. 2,046,895; July 7.
- Air conditioning apparatus. A. O. Edwards. 2,052,969; Sept. 1.
- Air conditioning apparatus. C. B. Grady. 2,062,413; Dec. 1.
- Air conditioning apparatus. J. O. Guffey. 2,026,974; Jan. 7.
- Air conditioning apparatus. L. G. Huggins. 2,062,054; Nov. 24.
- Air conditioning apparatus. J. F. Lamb. 2,038,578; Apr. 28.
- Air conditioning apparatus. G. W. Langford. 2,054,200; Sept. 15.
- Air conditioning apparatus. W. H. Leinweber. 2,057,727; Oct. 20.
- Air conditioning apparatus. H. R. Maddocks. 2,054,292; Sept. 15.
- Air conditioning apparatus. R. E. Marbury. 2,043,834; June 9.
- Air conditioning apparatus. M. F. May. 2,044,538; June 16.
- Air conditioning apparatus. T. B. R. Peters. 2,062,605; Dec. 1.
- Air conditioning apparatus. C. A. Rodman. 2,047,799; July 14.
- Air conditioning apparatus. H. R. Sewell. 2,058,919; Oct. 27.
- Air conditioning apparatus. G. H. Simmons. 2,043,450; June 9.
- Air conditioning apparatus. L. C. Smith. 2,050,470; Aug. 11.
- Air conditioning apparatus. M. G. Torson. 2,032,237; Feb. 25.
- Air conditioning apparatus. J. Van Vliet and P. J. Brogan. 2,046,802; July 7.



- Air conditioning apparatus. A. B. Wason. 2,049,146; July 28.
- Air conditioning apparatus. A. Weiland. 2,047,169; July 7.
- Air conditioning apparatus. A. Weiland. 2,054,350; Sept. 15.
- Air conditioning apparatus. R. P. Whitmer and W. G. Macy. 2,035,628; Mar. 31.
- Air conditioning apparatus. W. B. Whitsitt. 2,046,666; July 7.
- Air conditioning apparatus. G. F. Zellhoefer. 2,039,375; May 5.
- Air conditioning apparatus for automobiles. H. B. Rogers. 2,050,381; Aug. 11.
- Air conditioning apparatus, Portable. M. Berlowitz. 2,062,158; Nov. 24.
- Air conditioning device. E. A. Chamberlin. 2,055,621; Sept. 29.
- Air conditioning device. V. Christoffersen. 2,045,698; June 30.
- Air conditioning device. D. E. Dasher. 2,048,246; July 21.
- Air conditioning device. F. M. Opitz. 2,030,316; Feb. 11.
- Air conditioning equipment. R. A. Sheffield. 2,041,870; May 26.
- Air conditioning method and apparatus. D. B. Knight. 2,029,428; Feb. 4.
- Air conditioning, Method and apparatus for. C. R. Neeson. 2,027,058; Jan. 7.
- Air conditioning method and means. W. L. Fleisher. 2,054,809; Sept. 22.
- Air conditioning, Process of and apparatus for. J. N. Hadjisky. 2,054,158; Sept. 15.
- Air conditioning system. S. M. Anderson. 2,036,672; Apr. 7.
- Air conditioning system. C. P. Erschen and R. C. Jeper-tinger. 2,053,771; Sept. 8.
- Air conditioning system. W. A. Evans. 2,044,352; June 16.
- Air conditioning system. M. E. Hanson. 2,027,097; Jan. 7.
- Air conditioning system. J. F. Lamb. 2,038,579; Apr. 28.
- Air conditioning system. L. M. Persons. 2,054,039; Sept. 8.
- Air conditioning system. L. M. Persons. 2,060,636; Nov. 10.
- Air conditioning system. A. C. Staley. 2,037,831; Apr. 21.
- Air conditioning system employing refrigeration. R. E. Keyes. 2,030,032; Feb. 4.
- Air conditioning system for motor vehicle bodies. J. L. Breese, Jr. 2,060,923; Nov. 17.
- Air conditioning system for motor vehicles. S. C. Far-nese. 2,041,598; May 19.
- Air conditioning system for vehicles. R. L. Owen. 2,056,980; Oct. 13.
- Air conditioning system, Regenerative. R. B. P. Craw-ford. 2,057,938; Oct. 20.
- Air conditioning unit. K. P. Brace. 2,058,405; Oct. 27.
- Air conditioning unit. L. M. Persons. 2,034,310; Mar. 17.
- Air control for oil burners. H. H. Berryman. 1,065,042; Dec. 22.
- Air control mechanism. E. L. Tinley. 2,051,581; Aug. 18.
- Air control, Method and system for high velocity. W. J. Caldwell. 2,053,391; Sept. 8.
- Air, Controlling the ionic content of. C. P. Yaglou. 2,043,217; June 2.
- Air-cooled engine. F. Gossiau. 2,047,026; July 7.
- Air cooled engine. J. Heinrich. 2,043,170; June 2.
- Air-cooled motor. C. B. Coates. 2,055,337; Sept. 22.
- Air cooler. E. C. Ballman. 2,060,482; Nov. 10.
- Air cooler. B. B. Gray. 2,063,921; Dec. 15.
- Air cooling and conditioning apparatus. J. C. Goosmann. 2,058,973; Oct. 27.
- Air cooling and conditioning apparatus and system. B. C. Shipman. 2,058,042; Oct. 20.
- Air cooling apparatus. H. A. Jahraus. 2,035,654; Mar. 31.
- Air cooling, circulating, and controlling device and process. W. L. Morrison. 2,062,187; Nov. 24.
- Air cooling device. R. H. Hardin. 2,031,534; Feb. 18.
- Air cooling means, Automobile. J. A. Sargent. 2,053,206; Sept. 1.
- Air cooling system for vehicles. J. F. Frese. 2,039,240; Apr. 28.
- Air cooling system for vehicles, Electric. J. F. Frese. 2,037,713; Apr. 21.
- Air cooling, washing, and humidifying apparatus. E. F. Fisher. 2,032,404; Mar. 3.
- Air coupler, Automatic. G. Miller. 2,033,348; Mar. 10.
- Aircraft. C. A. Barrett. 2,036,011; Mar. 31.
- Aircraft. D. E. Cooley. 2,036,923; Apr. 7.
- Aircraft. J. H. Crosman, 3d. 2,030,967; Feb. 18.
- Aircraft. R. J. G. Crouch. 2,063,030; Dec. 8.
- Aircraft. A. Flettner. 2,030,578; Feb. 11.
- Aircraft. R. H. Goddard. 2,026,885; Jan. 7.
- Aircraft. J. M. Gwinn, Jr. 2,030,631; Feb. 11.
- Aircraft. H. S. Hickson. 2,060,077; Nov. 10.
- Aircraft. H. P. Holler. 2,050,570; Aug. 11.
- Aircraft. H. E. Krammer. 2,029,778; Feb. 4.
- Aircraft. H. G. Lind. 2,036,587; Apr. 7.
- Aircraft. G. E. McPherrren. 2,043,704; June 9.
- Aircraft. S. I. Molicki. 2,060,946; Nov. 17.
- Aircraft. A. V. Santarsiero. 2,059,610; Nov. 3.
- Aircraft. C. L. Snyder. 2,062,148; Nov. 24.
- Aircraft. E. A. Stalker. 2,041,787; May 26.
- Aircraft. E. A. Stalker. 2,041,789-92; May 26.
- Aircraft. E. A. Stalker. 2,041,794-6; May 26.
- Aircraft. I. M. Upperco. 2,041,623; May 19.
- Aircraft. E. B. Wilford. 2,045,623; June 30.
- Aircraft. C. R. Wilson. 2,049,482; Aug. 4.
- Aircraft. E. F. Zaparka. 2,039,676; May 5.
- Aircraft altimeter. C. B. Terry. 2,055,883; Sept. 29.
- Aircraft, Apparatus for use in directing the flight of. A. Procoff-Seversky. 2,027,350; Jan. 7.
- Aircraft, Automatic spiraling device for. M. F. Bates. 2,066,194; Dec. 29.
- Aircraft body structure. B. N. Wallis. 2,060,387; Nov. 10.
- Aircraft brake. E. F. Goodyear, J. Wright, and H. W. Trevaskis. 2,038,898; Apr. 28.
- Aircraft brake. L. J. Tetlow. 2,033,659; Mar. 10.
- Aircraft, Construction for. A. B. Gardner. 2,037,377; Apr. 14.
- Aircraft flotation device. D. Mapes. 2,058,244; Oct. 20.
- Aircraft game. L. E. Webb. 2,042,645; June 2.
- Aircraft having autorotative sustaining means. J. de la Cierva. 2,037,766; Apr. 21.
- Aircraft having freely rotative sustaining means. J. De La Cierva. 2,033,571; Mar. 10.
- Aircraft, Helicopter and rotating wing. R. Hafner. 2,047,776; July 14.
- Aircraft, Honeycomb construction for. H. N. Atwood. 2,029,213; Jan. 28.
- Aircraft indicator, Universally balanced. P. Kollsman. 2,034,909; Mar. 24.
- Aircraft in landing, Method of and apparatus for guiding. G. Foges. 2,064,599; Dec. 15.
- Aircraft intercommunication system. G. L. Hunt. 2,060,806; Nov. 17.
- Aircraft landing gear. R. A. Swalm. 2,053,053; Sept. 1.
- Aircraft propelling mechanism. A. R. Jacobs. 2,055,081; Sept. 22.
- Aircraft propulsion and control, Dirigible. W. B. Wheeler. 2,062,018; Nov. 24.
- Aircraft, Revolving wing. H. Klatt. 2,059,528; Nov. 3.
- Aircraft. Rotating blade means for. R. R. Hays. 2,055,928; Sept. 29.
- Aircraft safety apparatus. R. Seitz. 2,047,496; July 14.
- Aircraft sign. J. J. Grady. 2,052,288; Aug. 25.
- Aircraft speed control. J. K. Northrop. 2,031,177; Feb. 18.
- Aircraft, Supercharging system for. F. Young and R. F. Hardin. 2,063,477; Dec. 8.
- Aircraft training and amusement apparatus. H. J. Mal-lon. 2,032,708; Mar. 3.
- Aircraft undercarriage. G. H. Dowty. 2,049,109; July 28.
- Aircraft weighing means. C. A. Smith. 2,047,038; July 7.
- Aircraft wheel brake. F. J. Tarris. 2,027,210; Jan. 7.
- Aircraft wing. C. W. Howard. 2,050,327; Aug. 11.
- Aircraft wing construction. K. L. Hayden. 2,056,188; Oct. 6.
- Aircraft with aerodynamically rotatable wings. J. S. Pecker. 2,045,051; June 23.
- Aircraft with rotary sustaining wings. J. S. Pecker. 2,037,433; Apr. 14.
- Air dehydration unit. J. M. Lednum and W. Marshall. 2,052,931; Sept. 1.
- Air delivery device. J. H. Hardy. 2,049,392; July 28.
- Air, Distributing. A. E. Stacey, Jr., and C. E. Ernst. 2,046,215; June 30.
- Air distributing device. P. F. Sperry. 2,045,002; June 23.
- Air distributing means for passenger cars. W. B. Whit-sitt. 2,027,259; Jan. 7.
- Air distributing system. H. L. Galson. 2,065,445; Dec. 22.
- Air distributor. J. Lipka. 2,053,725; Sept. 8.
- Air distributor for oil burners. J. G. Gilmore and M. D. Huston. 2,039,591; May 5.
- Air drain valve. E. Wiedmann and J. K. Douglas. 2,046,228; June 30.
- Air drainage system for buildings. R. G. Sibley. 2,034,995; Mar. 24.
- Air driven display. B. L. Walker. 2,066,063; Dec. 29.
- Air drying composition of the alkyl resin type. H. L. Bender. 2,064,875; Dec. 22.
- Air drying composition of the urea resin type. H. L. Bender. 2,064,876; Dec. 22.
- Air duct. J. Jacobson. 2,053,336; Sept. 8.
- Air eliminator. R. E. Risser. 2,064,988; Dec. 22.
- Air filter. L. L. Dollinger. 2,058,669; Oct. 27.
- Air filter. H. M. Gaarder and C. W. Becker. 2,062,090; Nov. 24.
- Air filter. L. Hand. 2,027,906; Jan. 14.
- Air filter. Dry type self-cleaning. R. Strindberg. 2,030,552; Feb. 11.
- Air filter frame, Auxiliary. C. P. Hegen. 2,062,649; Dec. 1.
- Air filter means. A. E. Schaaf and G. M. Walton. 2,046,093; June 30.
- Air filtering appliance for bottles. H. E. Chapman. 2,061,958; Nov. 24.
- Air filtering device. H. L. Zimmerman. 2,048,911; July 28.
- Airfoil construction. G. E. Barnhart. 2,026,727; Jan. 7.
- Airfoil construction for airplanes. G. E. Barnhart. 2,026,728; Jan. 7.



- Air from receptacles containing carbonated beverages, Method and apparatus for liberating. H. H. Fisher. 2,046,256; June 30.
- Air heater. G. Bluemel. 2,044,715; June 16.
- Air heater and circulator for hop driers and the like. A. C. Nelson and R. J. Frizzell. 2,032,628; Mar. 3.
- Air heating chamber for heat generators. J. J. Sloyan. 2,035,993; Mar. 31.
- Air heating device. T. J. Tully and R. B. Jackson. 2,028,095; Jan. 14.
- Air humidifier and cleaner. H. S. Baldwin. 2,042,289; May 26.
- Air humidifier for carburetors. W. F. Shreve. 2,063,130; Dec. 8.
- Air humidifying device. J. S. Durnell and J. A. Tift. 2,036,929; Apr. 7.
- Air inflator mechanism. D. O. and O. C. Druge. 2,039,638; May 5.
- Air inlet, Auxiliary. C. Weinmann and F. L. MacDonough. 2,033,019; Mar. 3.
- Air inlet valve, Auxiliary. R. N. Abbott. 2,044,342; June 16.
- Air-jet cleaning and painting device. W. B. Hale. 2,052,622; Sept. 1.
- Air lift pumping apparatus. R. W. Scott. 2,062,799; Dec. 1.
- Air-metering device. F. H. Ragan. 2,042,190; May 26.
- Air, Method and apparatus for conditioning. S. M. Anderson. 2,046,716; July 7.
- Air, Method and apparatus for conditioning. C. R. Downs. 2,026,935-6; Jan. 7.
- Air, Method and apparatus for conditioning. S. H. Downs. 2,048,851; July 28.
- Air, Method and apparatus for conditioning. G. R. Goldthwaite. 2,029,368; Feb. 4.
- Air, Method and apparatus for conditioning. E. T. Turner. 2,063,711; Dec. 8.
- Air, Method and apparatus for dehumidifying. C. R. Downs. 2,027,094; Jan. 7.
- Air, Method of and apparatus for conditioning. T. E. Foulke. 2,056,663; Oct. 6.
- Air, Method of and apparatus for conditioning. C. W. Stead. 2,062,771; Dec. 1.
- Air navigation apparatus. J. A. McNally. 2,044,009; June 16.
- Air-operated regulator. G. K. O'Connor. 2,039,924; May 5.
- Air or gas compressor. M. A. Twisleton-Wykeham-Fiennes and E. H. Sweetser. 2,036,898; Apr. 7.
- Air or gas extractor for vehicles or buildings. J. and D. P. Muirhead. 2,030,388; Feb. 11.
- Air painting device. J. A. Paasche. 2,041,482; May 19.
- Air painting device. J. A. Paasche. 2,059,706; Nov. 3.
- Airplane. V. J. Burnelli. 2,031,876; Feb. 25.
- Airplane. E. F. Gaines. 2,065,684; Dec. 29.
- Airplane. R. F. Hall. 2,037,626; Apr. 14.
- Airplane. R. F. Hall. 2,045,463; June 23.
- Airplane. V. Kutnar. 2,032,848; Mar. 3.
- Airplane. G. Loening. 2,048,399; July 21.
- Airplane. O. D. Payne. 2,063,005; Dec. 1.
- Airplane. G. Schottroff. 2,065,401; Dec. 22.
- Airplane. R. W. Sinquefeld. 2,044,108; June 16.
- Airplane amusement device. L. U. Eyerly. 2,046,678; July 7.
- Airplane and parachute connecting device. R. N. Williams. 2,057,699; Oct. 20.
- Airplane bodies, Apparatus for constructing. A. C. Mather. 2,062,591; Dec. 1.
- Airplane bracing. G. Loening. 2,061,242; Nov. 17.
- Airplane construction. G. E. Barnhart. 2,041,688; May 26.
- Airplane control. W. O. James. 2,063,812; Dec. 8.
- Airplane control surfaces, Means to assist movement of. E. Dormoy. 2,045,638; June 30.
- Airplane device. O. Topliff. 2,050,903; Aug. 11.
- Airplane having a variable lifting surface. J. Gerin. 2,049,006; July 28.
- Airplane having unique retractable landing device. J. H. Kindelberger and A. E. Raymond. 2,049,066; July 28.
- Airplane heater. D. Gregg. 2,034,140; Mar. 17.
- Airplane instruction device. G. Rockwell. 2,062,678; Dec. 1.
- Airplane pilot, Automatic. C. H. Havill. 2,030,986; Feb. 18.
- Airplane seat. R. F. Hall. 2,051,703; Aug. 18.
- Airplane seat, Pneumatic. F. G. Manson. 2,057,687; Oct. 20.
- Airplane wheel. G. H. Cassidy. 2,052,130; Aug. 25.
- Airplane wing. R. D. Ballmann. 2,038,337; Apr. 21.
- Airplane wing. F. E. Weick and M. J. Bamber. 2,036,905; Apr. 7.
- Airplane wing structure. P. E. Mercier. 2,057,339; Oct. 13.
- Airport control and signaling system. L. J. Lesh. 2,028,722; Jan. 21.
- Air preheating system. F. F. Townsend. 2,038,813; Apr. 28.
- Air-pressure device. A. Gaik. 2,059,785; Nov. 3.
- Air pressure regulating apparatus. L. B. Beath. 2,063,783; Dec. 8.
- Air pump. D. Grez. 2,058,441; Oct. 27.
- Air pump. L. A. Popp. 2,056,018; Sept. 29.
- Air purifier. W. C. Hartzell. 2,065,970; Dec. 29.
- Air purifying device. C. W. Johnson. 2,031,164; Feb. 18.
- Air register. E. C. Fox. 2,034,231; Mar. 17.
- Air register grid. H. A. Phail. 2,037,176; Apr. 14.
- Air regulator. L. W. Withrow. 2,057,993; Oct. 20.
- Air release means for vacuum systems, Automatic. S. B. Hoar. 2,059,455; Nov. 3.
- Air release mechanism for dispensing apparatus. C. P. Griffith. 2,044,727; June 16.
- Air retaining means for refrigerators. C. B. Mitchell. 2,041,258; May 19.
- Aircrew. J. D. Siddeley and H. N. Wylie. 2,056,592; Oct. 6.
- Air, Separating the constituents of. L. S. Twomey. 2,057,804; Oct. 20.
- Air separator. T. J. Sturtevant. 2,030,612; Feb. 11.
- Airship. M. Jelalian. 2,061,075; Nov. 17.
- Airship. W. N. Noble. 2,060,469; Nov. 10.
- Airship. J. W. Th. Olán. 2,038,671; Apr. 28.
- Airship speed indicator. G. Mezzatesta. 2,036,879; Apr. 7.
- Air spring and shock absorber, Combination. W. Gross. 2,057,893; Oct. 20.
- Air sterilizing and conditioning apparatus. D. E. Wehner. 2,047,844; July 14.
- Air strainer device. E. E. Hewitt. 2,061,904; Nov. 24.
- Air supply device for internal combustion engines. F. Mueller. 2,061,166; Nov. 17.
- Airtight bag. A. J. Sterling. 2,062,618; Dec. 1.
- Air to a furnace, Device for supplying hot. R. E. Luks. 2,045,194; June 23.
- Air under pressure, Supplying. H. J. Fagan. 2,057,889; Oct. 20.
- Air valve. A. A. Haas. 2,053,992; Sept. 8.
- Air valve. A. Keefe. 2,057,195; Oct. 13.
- Air valve. H. E. Sipe. 2,064,695; Dec. 15.
- Air velocity meter. J. R. Boyle. 2,060,848; Nov. 17.
- Air vent for pipe lines under pressure, Automatic. B. Giovenale. 2,029,163; Jan. 28.
- Air volume, Apparatus for controlling and indicating. J. E. Sims. 2,043,561; June 9.
- Air washer. E. K. Wills and J. H. McElhannon. 2,030,341; Feb. 11.
- Air washing device. D. A. Barnie. 2,031,027; Feb. 18.
- Air water elevator, Compressed. A. M. da Silva. 2,030,429; Feb. 11.
- Aisle seat. A. B. Bell. 2,035,452; Mar. 31.
- Alarm. A. H. Lamb. 2,054,380; Sept. 15.
- Alarm and inflation equalizer for pneumatic tires. W. Fenton. 2,056,064; Sept. 29.
- Alarm apparatus. F. G. Chapin. 2,050,521; Aug. 11.
- Alarm apparatus. B. Goldstone. 2,041,540; May 19.
- Alarm, Burglar. H. Chevigny, née Roy. 2,030,049; Feb. 11.
- Alarm, Burglar. K. and J. Spring. 2,045,285; June 23.
- Alarm contactor, Gas pressure. V. B. Pike. 2,058,256; Oct. 20.
- Alarm device. A. Jaeger. 2,041,549; May 19.
- Alarm device. T. W. Moody. 2,051,268; Aug. 18.
- Alarm device. M. J. O. Strutt. 2,038,878; Apr. 28.
- Alarm device, Automatic. S. C. Hills. 2,026,635; Jan. 7.
- Alarm device for sprinkler systems. W. R. and R. W. Hamilton. 2,037,575; Apr. 14.
- Alarm, Electric fire. J. Garner. 2,029,097; Jan. 28.
- Alarm, Fire. L. M. Franklin. 2,034,179; Mar. 17.
- Alarm for gas burners, Safety. W. Mohlman. 2,032,884; Mar. 3.
- Alarm, Hold-up. J. H. Derby and A. M. Frost. 2,054,792; Sept. 22.
- Alarm, Low pressure gas. R. H. Myers and L. Sandoz. 2,048,615; July 21.
- Alarm operated switch. J. O. Simon. 2,039,194; Apr. 28.
- Alarm, Pressure. G. G. Cuthrie. 2,040,375; May 12.
- Alarm, Rain. J. M. Metting. 2,050,623; Aug. 11.
- Alarm switch, Fire and theft. F. P. Anthony. 2,050,409; Aug. 11.
- Alarm system. L. J. Bowne. 2,029,699; Feb. 4.
- Alarm system. E. D. Stirlen and F. G. Kelly. 2,064,994; Dec. 22.
- Alarm system. D. E. Trucksess. 2,056,306; Oct. 6.
- Alarm system, Automatic fire. L. Dawson. 2,056,345; Oct. 6.
- Alarm system, Automatic. O. I. H. Ekman. 2,059,510; Nov. 3.
- Alarm system, Burglar. R. V. L. Hartley. 2,031,951; Feb. 25.
- Alarm system, Electric temperature and burglar. R. M. Hopkins and H. M. Laford. 2,060,215; Nov. 10.
- Alarm system, Fire. W. M. Siddall, Jr. 2,027,068; Jan. 7.
- Alarm system, Fire and temperature. J. Siddall and W. H. Siddall. 2,063,703; Dec. 8.
- Alarm system, Supervised electric. H. C. Grant, Jr. 2,043,210; June 2.
- Alarm, Theft. J. M. Parks. 2,063,189; Dec. 8.
- Alarm, Thermostatic fire. F. H. Wainman and J. Hamberger. 2,044,651; June 16.
- Alarm, Waterflow retard. C. C. Johnson, R. M. Hopkins, and R. F. Spamer. 2,032,092; Feb. 25.
- Albuminous solutions which do not form flakes. M. Bockmühl, E. Simons, and E. Dörzbach. 2,060,021; Nov. 10.
- Alcohol and acetone by fermentation, Production of ethyl. D. A. Legg. 2,063,450; Dec. 8.
- Alcohol, by fermentation, Production of butyl. C. F. Arzberger. 2,050,219; Aug. 4.
- Alcohol concentrations in live animals and solutions. R. N. Harger. Apparatus for and process of readily determining. 2,062,785; Dec. 1.



- Alcohol-containing mediums, Multiple effect distillation of. G. T. Reich. 2,053,111; Sept. 1.
- Alcohol, Dehydrating. W. J. Hale and L. M. Christensen. 2,038,357; Apr. 21.
- Alcohol, Denatured. J. F. T. Berliner. 2,056,163; Oct. 6.
- Alcohol from ethylene, Production of ethyl. G. F. Horsley. 2,051,046; Aug. 18.
- Alcohol, Hydroaromatic. H. A. Bruson and L. W. Covert. 2,026,668; Jan. 7.
- Alcohol, Manufacture of ethyl. F. J. Metzger. 2,050,442-3; Aug. 11.
- Alcohol, Manufacture of ethyl. F. J. Metzger. 2,050,445; Aug. 11.
- Alcohol or its homologous compounds, Manufacture of phenylethyl. A. Weissenborn. 2,058,373; Oct. 20.
- Alcohol-polybasic acid resins and compositions containing them, Polyhydric. M. M. Brubaker. 2,057,765; Oct. 20.
- Alcohol, Producing isopropyl. F. J. Metzger. 2,050,444; Aug. 11.
- Alcohol, Production of ethyl. R. N. Graham. 2,038,512; Apr. 21.
- Alcohol, Production of isopropyl. W. P. Joshua, H. M. Stanley, and J. B. Dymock. 2,051,144; Aug. 18.
- Alcohol resins, Polybasic aliphatic acid-polyhydric. I. Rosenblum. 2,063,854-5; Dec. 8.
- Alcohol, Separation of tertiary butyl. G. H. Coleman and G. W. Warren. 2,033,684; Mar. 10.
- Alcohol to carbonyl compound, Converting a polyhydric. H. P. A. Groll and G. Hearne. 2,042,224; May 26.
- Alcoholic treatment of ligneous cellulosic material. S. I. Aronovsky. 2,037,001; Apr. 14.
- Alcohols and esters, Hydrogenation of aliphatic. W. A. Lazier. 2,027,182; Jan. 7.
- Alcohols and products thereof, Production of tertiary. R. M. Deanesly. 2,042,212; May 26.
- Alcohols, Catalytic oxidation of unsaturated. H. P. A. Groll and H. W. de Jong. 2,042,220; May 26.
- Alcohols, Conversion of polyhalogenated. H. P. A. Groll and G. Hearne. 2,061,377; Nov. 17.
- Alcohols, Distilling. W. H. Shiffer and M. M. Holm. 2,061,810; Nov. 24.
- Alcohols from a mixture of ethyl alcohol and methyl alcohol, Production of higher. O. Fuchs and W. Querfurth. 2,050,788; Aug. 11.
- Alcohols from pine oil, Separation of terpene. D. H. Sheffield. 2,050,671; Aug. 11.
- Alcohols from their ketones, Separation of cyclic. T. S. Carswell. 2,042,332; May 26.
- Alcohols, Hydrogenation of unsaturated. H. P. A. Groll and J. Burgin. 2,055,437; Sept. 22.
- Alcohols, Manufacture of. H. S. Davis and A. W. Francis. 2,047,194; July 14.
- Alcohols, Manufacture of. A. J. Van Peski and S. L. Langedijk. 2,055,269; Sept. 22.
- Alcohols, Manufacture of. A. J. van Peski and S. L. Langedijk. 2,057,283; Oct. 13.
- Alcohols, Manufacture of. W. Wilkinson. 2,044,414; June 16.
- Alcohols of the aromatic series, Production of diamino. G. Heilner. 2,046,946-7; July 7.
- Alcohols, Preparing hydroaromatic. E. W. Bousquet. 2,037,876; Apr. 21.
- Alcohols, Producing lower aliphatic amino. R. R. Bottoms. 2,065,113; Dec. 22.
- Alcohols, Producing polyhydroxy. W. A. Lazier. 2,040,944; May 19.
- Alcohols, Production of. F. R. Balcar. 2,044,417; June 16.
- Alcohols, Production of. H. Hopff. 2,029,618; Feb. 4.
- Alcohols, Production of. M. Luther and W. Dietrich. 2,048,662; July 21.
- Alcohols, Production of. G. H. Van de Griendt and W. Engs. 2,060,143; Nov. 10.
- Alcohols, Production of cyclic terpene. C. O. Henke and C. Etzel. 2,063,162; Dec. 8.
- Alcohols, Purification of. K. H. Klipstein and A. A. Ticknor. 2,052,881; Sept. 1.
- Alcohols, Synthetic production of. E. T. Thelmer. 2,047,396; July 14.
- Alcohols to acids, Converting. W. J. Hale. 2,027,378; Jan. 14.
- Alcohols to carboxylic compounds, Conversion of halogenated. H. P. A. Groll and C. T. Kautter. 2,042,225; May 26.
- Alcohols to ethers, Conversion of. M. R. Fenske. 2,045,560; June 23.
- Aldehydes, Production of. P. K. Frollich and P. J. Wlezevich. 2,042,303; May 26.
- Aldehydes, Production of. O. Schmidt, K. Huttner, and G. Kaeb. 2,053,845; Sept. 8.
- Aldehydes to acids, Converting. W. J. Hale. 2,027,377; Jan. 14.
- Aldols, Preparing substituted. K. Billig. 2,027,856; Jan. 14.
- Algebraic totalizer. O. J. Sundstrand. 2,057,400; Oct. 13.
- Aligning device. B. A. Schroeder. 2,030,010; Sept. 1.
- Aligning frame. O. A. Olsen. 2,034,529; Mar. 17.
- Aligning mechanism. G. H. White. 2,066,023; Dec. 29.
- Alignment fixture. C. F. McCullough. 2,050,721; Aug. 11.
- Alignment of connecting rods of engines, Device for testing the. J. Sunnen. 2,036,238; Apr. 7.
- Aliphatic acids, anhydrides and ketones, Manufacture of. H. Dreyfus. 2,061,615; Nov. 24.
- Aliphatic amines, Preparation of. A. W. Campbell. 2,034,427; Mar. 17.
- Aliphatic polyamines, Production of. N. M. Mnookin. 2,049,467; Aug. 4.
- Alizarin and its salts, Preparation of. D. G. Rogers. 2,028,879; Jan. 28.
- Alkali cyanides, Obtaining. A. W. van Seters. 2,035,030; Mar. 24.
- Alkali dichromate, Manufacture of. E. Hackhofer and A. Beuther. 2,027,477; Jan. 14.
- Alkali earth metal aurothioglycolates and producing same. R. Delange. 2,049,198; July 28.
- Alkali fusions, Conducting. S. G. Burroughs. 2,043,232; June 9.
- Alkali metal nitrates, Production of. O. Kaselitz. 2,038,569; Apr. 28.
- Alkali-metal salts of antimonio-thio-malic acid. M. Delépine and P. Gailliot. 2,060,181; Nov. 10.
- Alkali metal silicates, Production of. C. Cavezzale and G. Currell. 2,047,614; July 14.
- Alkali nitrate, Production of. P. Osswald and W. Geisler. 2,029,738; Feb. 4.
- Alkali orthophosphates, Production of. O. Kaselitz. 2,064,979; Dec. 22.
- Alkali polysulphides, Manufacturing anhydrous. E. Reissmann and H. Wolff. 2,047,492; July 14.
- Alkali primary cell with depolarization by air. R. Oppenheim. 2,044,123; June 16.
- Alkali salts of phenylalkyl barbituric acids into stable calcium compounds, Converting. P. R. Grüter. 2,036,935; Apr. 7.
- Alkali sulphite or alkali bisulphite solutions from waste liquors obtained in the digestion of cellulose with alkali sulphur compounds, Preparing. G. Haglund. 2,029,616; Feb. 4.
- Alkaline compounds, sulphuric acid, and other valuable chemicals, Production of. H. K. Moore. 2,056,929; Oct. 6.
- Alkaline detergent powder and making the same. R. C. Sutton. 2,034,361; Mar. 17.
- Alkaline solutions, Treating. C. F. Teichmann. 2,036,839; Apr. 7.
- Alkaloidal compounds. F. F. Lindstaedt. 2,065,190; Dec. 22.
- Alkoxy-alkyl-amino-benzothiazoles and their production. M. Engelmann. 2,040,928; May 19.
- Alkyl chloro-resorcinols. W. E. Austin. 2,060,654; Nov. 10.
- Alkyl borates and silicates and preparing same, Higher. G. D. Graves and J. H. Werntz. 2,053,474; Sept. 8.
- Alkylene oxides and alcohols, Preparation of reaction products of. H. R. Fife. 2,053,708; Sept. 8.
- Alkyl halides, Production of. J. H. Reilly. 2,031,228; Feb. 18.
- Alkyl halogen compounds, Production of. F. H. Gayer. 2,033,374; Mar. 10.
- Alkyl sulphate esters, Hydrolysis of. N. A. Sargent. 2,045,616; June 30.
- Alkyl sulphates from liquid olefines, Preparation of. H. S. Young. 2,047,606; July 14.
- Alloprene-rayon and products thereof, Producing. R. S. Bley. 2,060,786; Nov. 17.
- Alloy. J. H. Critchett. 2,058,375; Oct. 20.
- Alloy. F. R. Hensel. 2,045,138; June 23.
- Alloy. F. R. Hensel. 2,049,500; Aug. 4.
- Alloy. R. H. Leach. 2,042,155; May 26.
- Alloy. J. M. Lohr. 2,047,916-18; July 14.
- Alloy. J. M. Lohr. 2,063,513; Dec. 8.
- Alloy. E. F. Lowry. 2,030,112; Feb. 11.
- Alloy. A. R. Lytle. 2,040,053; May 5.
- Alloy. R. E. Paine. 2,026,589-92; Jan. 7.
- Alloy. R. E. Paine. 2,045,236-47; June 23.
- Alloy. C. Pfanstiehl. 2,048,707; July 28.
- Alloy. P. T. Stroup. 2,053,924-5; Sept. 8.
- Alloy. R. R. Walter. 2,036,245; Apr. 7.
- Alloy. R. A. Wilkins. 2,035,415; Mar. 24.
- Alloy. R. T. Wirth. 2,048,239; July 21.
- Alloy. J. A. Zublin. 2,051,358; Aug. 18.
- Alloy, Aluminum. J. B. Bates. 2,041,042; May 19.
- Alloy, Aluminum. J. A. Nock, Jr., and H. R. Freche. 2,063,942; Dec. 15.
- Alloy and bearing made therefrom, Bearing metal. A. L. Boegehold. 2,033,321; Mar. 10.
- Alloy and making same. W. T. Boyer. 2,050,266; Aug. 11.
- Alloy and making same. O. Feussner and A. Jedele. 2,048,648; July 21.
- Alloy and making the same. F. Kempka. 2,052,174; Sept. 1.
- Alloy and making the same, Nickel. H. S. Cooper. 2,055,467; Sept. 29.
- Alloy, Bearing. J. V. O. Palm and C. E. Swartz. 2,059,019; Oct. 27.
- Alloy, Cadmium-cobalt bearing. W. E. McCullough. 2,043,588; June 9.
- Alloy containing copper and phosphorus. G. Sachs and A. Burkhardt. 2,040,797; May 12.
- Alloy, Copper. R. H. Harrington. 2,048,549; July 21.
- Alloy, Copper. H. Scott. 2,046,702; July 7.
- Alloy, Corrosion resistant. C. Carius. 2,054,927; Sept. 22.
- Alloy, Ferro-carbon-titanium. G. F. Comstock. 2,033,974; Mar. 17.
- Alloy for tools and similar articles, Sintered hard metal. K. Becker. 2,040,592; May 12.



- Alloy, Free cutting. W. A. Dean and C. C. Jancura. 2,026,549-50; Jan. 7.
- Alloy, Free cutting. W. A. Dean and C. C. Jancura. 2,026,577-9; Jan. 7.
- Alloy, Free cutting. L. W. Kempf and W. A. Dean. 2,047,873; July 14.
- Alloy, Hard cast iron. F. A. Kormann and W. F. Hirsch. 2,046,912; July 7.
- Alloy, Hard ferrous. F. A. Kormann and W. F. Hirsch. 2,046,913; July 7.
- Alloy, Improving aluminum. A. J. Lyon. 2,065,534; Dec. 29.
- Alloy, Iron-nickel-titanium. N. B. Pilling and P. D. Merica. 2,048,163; July 21.
- Alloy, Lead. R. H. Canfield and H. F. Kaiser. 2,040,078; May 12.
- Alloy, Lead. W. Singleton, W. Hulme, and B. Jones. 2,060,534; Nov. 10.
- Alloy, Low-carbon ferro-titanium-silicon. G. F. Comstock. 2,064,150; Dec. 15.
- Alloy, Magnesium. F. Christen. 2,065,170; Dec. 22.
- Alloy, Making. J. W. Bolton and S. A. Weigand. 2,061,618; Nov. 24.
- Alloy, Making a decorative. C. S. Smith. 2,050,069; Aug. 4.
- Alloy, Metallic. L. S. Deitz, Jr., and H. H. Weiser. 2,062,448; Dec. 1.
- Alloy, Pulverulent. L. Schlecht and A. Heinzl. 2,041,493; May 19.
- Alloy, Rolling magnesium. R. D. Lowery and F. L. Reynolds. 2,060,071; Nov. 10.
- Alloy, Silver. C. B. Gwyn, Jr. 2,061,624; Nov. 24.
- Alloy, Sintered hard metallic. K. Becker, K. Schröter, and H. Wolff. 2,026,958; Jan. 7.
- Alloy, Stainless ferrous. J. P. Gill. 2,052,136; Aug. 25.
- Alloy steel. A. Finlayson. 2,034,136; Mar. 17.
- Alloy steel cold-drawing die, Nitrided. W. H. Hatfield. 2,059,732; Nov. 3.
- Alloy steel, Heat treated. P. Payson. 2,051,415; Aug. 18.
- Alloy, Thermocouple. O. Hermann. 2,049,443; Aug. 4.
- Alloy, Welding rod. H. W. Butterbaugh. 2,028,317; Jan. 21.
- Alloy, Zinc base. W. M. Peirce and E. A. Anderson. 2,048,287-9; July 21.
- Alloys. M. G. Corson. 2,059,555; Nov. 3.
- Alloys. R. H. Leach. 2,031,113; Feb. 18.
- Alloys. J. M. Lohr. 2,051,562; Aug. 18.
- Alloys. R. E. Paine. 2,031,978; Feb. 25.
- Alloys. W. R. Saltrick. 2,049,081; July 28.
- Alloys. R. A. Wilkins. 2,035,414; Mar. 24.
- Alloys. R. A. Wilkins. 2,052,523; Aug. 25.
- Alloys. W. A. Wissler. 2,030,342-3; Feb. 11.
- Alloys against carburization, Protection of heat resistant. A. Cambron. 2,056,386; Oct. 6.
- Alloys and making the same. M. M. Rustin. 2,046,995; July 7.
- Alloys and method of manufacture. K. M. Simpson. 2,048,824; July 28.
- Alloys containing boron, Manufacture of. J. L. Andrieux. 2,033,172; Mar. 10.
- Alloys containing chromium and iron, Copper-base. M. G. Corson. 2,059,558; Nov. 3.
- Alloys containing vanadium and iron, Copper-base. M. G. Corson. 2,049,559; Nov. 3.
- Alloys containing vanadium, Copper-base. M. G. Corson. 2,059,560; Nov. 3.
- Alloys, Copper. M. G. Corson. 2,057,368; Oct. 13.
- Alloys, Copper-base. M. G. Corson. 2,059,556-7; Nov. 3.
- Alloys, Copper base. C. H. Davis and E. L. Munson. 2,034,562; Mar. 17.
- Alloys, Copper base. F. R. Hensel. 2,046,380; July 7.
- Alloys, Copper-nickel-titanium. N. B. Pilling and P. D. Merica. 2,048,166; July 21.
- Alloys, Copper-silicon-cadmium. C. H. Davis, E. L. Munson, and C. S. Smith. 2,034,563; Mar. 17.
- Alloys, Detinning lead. T. D. Jones and J. C. Reinhardt. 2,043,575; June 9.
- Alloys, Free cutting. W. L. Fink. 2,026,551; Jan. 7.
- Alloys, Free cutting. H. L. Hopkins. 2,026,552; Jan. 7.
- Alloys, Free cutting. L. W. Kempf and W. A. Dean. 2,026,540-48; Jan. 7.
- Alloys, Free cutting. L. W. Kempf and W. A. Dean. 2,026,553-76; Jan. 7.
- Alloys, Hard. K. Schröter and K. Moers. 2,059,041; Oct. 27.
- Alloys, Heat treatable nickel-beryllium. W. Hessenbruch. 2,062,130; Nov. 24.
- Alloys, High strength. G. P. Halliwell. 2,044,165; June 16.
- Alloys, Iron-nickel-titanium. N. B. Pilling and P. D. Merica. 2,048,165; July 21.
- Alloys, Making. C. Hardy. 2,036,576; Apr. 7.
- Alloys, Making. C. Pfanstiehl. 2,048,706; July 28.
- Alloys, Making. W. C. Read. 2,027,837; Jan. 14.
- Alloys, Making copper-titanium. G. F. Comstock. 2,049,291; July 28.
- Alloys, Making hard. R. Pinta. 2,049,317; July 28.
- Alloys, Manufacture of metallic. R. W. Stimson. 2,049,091; July 28.
- Alloys, Manufacturing beryllium. H. C. Claffin and J. B. Arnold. 2,046,148; June 30.
- Alloys, Multiple. G. Schichtel. 2,041,865-6-7; May 26.
- Alloys, Nickel-chromium-iron-titanium. N. B. Pilling and P. D. Merica. 2,048,167; July 21.
- Alloys of iron, chromium, nickel, and copper, Manufacture of. A. L. Feild. 2,031,152; Feb. 18.
- Alloys of iron, Treatment of. K. H. S. Löfquist. 2,047,479; July 14.
- Alloys of lead and tin, Desilverizing. J. O. Betterton and Y. E. Lebedeff. 2,062,116; Nov. 24.
- Alloys of lead and tin, Refining. J. O. Betterton and Y. E. Lebedeff. 2,061,994-5; Nov. 24.
- Alloys of the alkaline earth metals with cadmium, Production of. G. N. Kirsebom. 2,031,487; Feb. 18.
- Alloys of the alkaline earth metals with lead or other metals, Production of. G. N. Kirsebom. 2,031,486; Feb. 18.
- Alloys, Preparation of lead-sodium-magnesium. F. B. Downing, L. S. Bake, and A. E. Parmelee. 2,061,267; Nov. 17.
- Alloys, Producing hard. O. Feussner and A. Jede. 2,048,647; July 21.
- Alloys, Producing hard metal. G. Boecker. 2,056,708; Oct. 6.
- Alloys, Producing sintered hard metal. K. M. Tiger-schild and K. Bonthron. 2,051,972; Aug. 25.
- Alloys, Refining of. T. R. Haglund. 2,031,947; Feb. 25.
- Alloys, Treating. N. B. Pilling and P. D. Merica. 2,048,164; July 21.
- Alloys, Treating copper base. W. C. Ellis. 2,050,601; Aug. 11.
- Alloys, Welding rod. R. A. Wilkins. 2,027,330; Jan. 7.
- Alloys, Zinc. L. E. Wemple and J. R. Daesen. 2,054,398; Sept. 15.
- Alternating-current investigation of uncased drill holes, Method of and apparatus for. J. J. Jakosky. 2,038,046; Apr. 21.
- Alternating current lamp. W. G. Preddey. 2,065,735; Dec. 29.
- Alternating current motor. E. D. Lilja. 2,062,322; Dec. 1.
- Alternating current motor. A. S. Norcross. 2,060,106; Nov. 10.
- Alternating current motor. E. B. Sleeter and G. J. Werner. 2,057,214; Oct. 13.
- Alternating current motor, Polyphase. R. D. Ball. 2,039,050; Apr. 28.
- Altimeter. V. E. Carbonara. 2,027,088; Jan. 7.
- Altimeter, Aircraft radio. T. J. Boerner. 2,050,418; Aug. 11.
- Altimeter for aircraft. L. Espenschied. 2,045,071; June 23.
- Altimeter for aircraft. H. A. Zahl. 2,042,490; June 2.
- Altitude of aircraft, Measuring. L. Espenschied. 2,045,072; June 23.
- Alumina from aluminous materials, Recovering. R. C. Folger. 2,058,145; Oct. 20.
- Alumina production. F. C. Frary. 2,043,743; June 9.
- Aluminium alloys. A. Beck. 2,063,023; Dec. 8.
- Aluminium, Electroplating of. O. Bornhauser. 2,028,312; Jan. 21.
- Aluminium or aluminium alloys, Treating. K. Hayakawa. 2,039,165; Apr. 28.
- Aluminum alloy. W. Guertler. 2,056,604; Oct. 6.
- Aluminum alloys. J. Schulte. 2,039,458; May 5.
- Aluminum and aluminum alloys, Spot-welding. N. F. Malley. 2,030,906; Feb. 18.
- Aluminum and its alloys, Degassing molten. P. T. Stroup. 2,056,233-4; Oct. 6.
- Aluminum article and producing the same, Coated. R. R. Tanner. 2,032,897; Mar. 3.
- Aluminum catalyst. F. Martin, W. Grimme, and A. Köp-pelmann. 2,057,306; Oct. 13.
- Aluminum chloride, Making. G. M. Atherholt. 2,048,987; July 28.
- Aluminum chloride, Manufacturing anhydrous. L. Valik. 2,033,055; Mar. 3.
- Aluminum darby, Plasterer's center ribbed. A. S. Williams. 2,048,529; July 21.
- Aluminum, Dezincing. J. O. Betterton and A. J. Phillips. 2,034,372; Mar. 17.
- Aluminum, Etching. Y. Nisizawa. 2,033,444; Mar. 10.
- Aluminum furnace. H. Eldridge. 2,045,073; June 23.
- Aluminum hydroxide, Manufacture of granular. S. S. Svendsen. 2,036,508; Apr. 7.
- Aluminum, Means for and method of producing. V. M. Weaver. 2,062,340; Dec. 1.
- Aluminum, Oxide-coating. H. K. Work. 2,050,872; Aug. 11.
- Aluminum oxide, Examining the state of crystallization of calcined. R. Reichmann. 2,058,178; Oct. 20.
- Aluminum oxide from raw material, Separation of. K. H. S. Löfquist. 2,052,236; Aug. 25.
- Aluminum, Producing bright surfaces on. R. B. Mason and M. Tosterud. 2,040,617-8; May 12.
- Aluminum, Refining of. R. A. Gadeau. 2,034,339; Mar. 17.
- Aluminum stearate solutions and making the same. J. Dolid. 2,032,528; Mar. 3.
- Amalgam filling for teeth. F. A. Bull. 2,039,880; May 5.
- Amalgamator. C. F. Bird. 2,048,678; July 28.
- Amalgamator for the recovery of gold. A. J. Clark and W. H. Todd. 2,065,967; Dec. 29.
- Ambulance, Industrial. G. Fordham. 2,055,406; Sept. 22.
- Amides. W. Hentrich, H. Keppler, and K. Hintzmann. 2,047,069; July 7.



- Amides, Manufacture of substituted acid. W. Schneider. 2,048,821; July 28.
- Amides of higher aliphatic carboxylic acids and their production. E. Schirm. 2,054,638; Sept. 15.
- Amides of higher fatty acids, Manufacture of. C. O. Henke and W. H. Zartman. 2,058,013; Oct. 20.
- Amides of tertiary butyl acetic acid, Substituted. F. C. Whitmore and A. H. Homeyer. 2,060,154; Nov. 10.
- Amidines. K. Ziegler. 2,049,582; Aug. 4.
- Amine salts of dyestuffs containing one or more acid groups and their production. H. G. Kiernan. 2,038,298; Apr. 21.
- Amines, Alkylol. J. F. Olin. 2,042,621; June 2.
- Amines and preparing them, Production of mixtures of secondary and tertiary aromatic. H. Aickelin. 2,051,123; Aug. 18.
- Amines, Catalytic synthesis of. H. Adkins and C. E. Winans. 2,045,574; June 30.
- Amines, Making secondary aromatic. W. L. Semon. 2,029,642; Feb. 4.
- Amines, Manufacture of acylated aromatic. H. Dreyfus. 2,039,304-5; May 5.
- Amines, Manufacture of aliphatic primary. H. M. Guinot. 2,053,193; Sept. 1.
- Amines, Manufacture of poly-membered cyclic. L. Ruzicka. 2,051,575; Aug. 18.
- Amines, Partial dealkylation of dialkyl aromatic. P. W. Carleton and B. L. Mattison. 2,039,391; May 5.
- Amines, Preparation of secondary. W. L. Semon. 2,041,782; May 26.
- Amines, Preparing secondary aromatic. W. M. Lauter. 2,028,074; Jan. 14.
- Amines, Producing. K. Smeykal. 2,043,965; June 9.
- Amines, Production of aliphatic or cycloaliphatic primary. W. Schrauth. 2,033,866; Mar. 10.
- Amines, Separation and purification of methyl. C. E. Andrews and LeR. U. Spence. 2,061,889; Nov. 24.
- Amino-alkoxy-benzamides and preparing the same. R. L. Perkins. 2,044,016; June 16.
- Amino-anthraquinones and their production. G. H. Ellis and F. Brown. 2,053,278; Sept. 8.
- Aminoarsinobenzenes, Purifying. S. Kielbasinski. 2,042,259; May 26.
- Amino-carboxylic acid derivatives in wet treatment. H. Dreyfus. 2,063,908; Dec. 15.
- Amino compounds, Production of organic. H. Holston. 2,064,797; Dec. 15.
- Amino derivatives and process of preparing, Resinous. H. A. Bruson. 2,031,557; Feb. 18.
- Amino derivatives of aromatic ketones and making same. E. C. Britton, L. Heindel and F. Bryner. 2,063,863; Dec. 8.
- Amino derivatives of o-nitro-phenyl-lactic and thiolactic acids. N. H. Haddock and A. Kershaw. 2,041,705; May 26.
- Aminoguanidine, Manufacturing. R. McGill. 2,033,203; Mar. 10.
- Aminohydroquinone-di-(beta-hydroxyethyl) ether and producing same. A. H. Knight and W. A. Sexton. 2,044,083; June 16.
- Amino-hydroxy-naphthenitriles and preparing same. W. Bradley and R. Robinson. 2,032,465; Mar. 3.
- Amino-ortho-nitro-aryl-thiocarboxylic acids, and preparing same. A. Kershaw. 2,041,716; May 26.
- Aminophenols, Production of N-substituted. M. A. Dahlen. 2,027,902; Jan. 14.
- Amino-trifluoromethyl-benzenes, Substituted. E. Hoffa and F. Müller. 2,056,899; Oct. 6.
- Ammonia from aqueous ammoniacal brines, Distillation of. G. G. Day. 2,029,467; Feb. 4.
- Ammonia recovery process. S. L. Handforth. 2,034,864; Mar. 24.
- Ammonium compounds and the production thereof, Quaternary. W. S. Calcott and R. G. Clarkson. 2,060,850; Nov. 17.
- Ammonium compounds, Quaternary. M. Münz and K. Keller. 2,040,061; May 5.
- Ammonium phosphate, Production of. J. E. Moose. 2,033,388-9; Mar. 10.
- Ammonium phosphates, Making. J. J. Phillips. 2,040,563; May 12.
- Ammonium phosphates, Manufacture of. H. A. Curtis. 2,051,029; Aug. 18.
- Ammonium sulphate, Manufacture of. F. M. Pyzel. 2,035,920; Mar. 31.
- Ammonium sulphate, Producing. H. Helmann. 2,044,167; June 16.
- Ammonium sulphate, Production of coarsely crystalline. C. Rumscheidt, A. Jeltsch, A. Strzyzewski, and H. Hegge. 2,043,066-8; June 2.
- Ammunition. H. M. Brayton. 2,062,495; Dec. 1.
- Ammunition. T. F. Fallon. 2,050,692; Aug. 11.
- Ammunition. M. Gavlak, Jr. 2,056,098; Sept. 29.
- Ammunition. M. W. Haines. 2,061,835; Nov. 24.
- Ammunition loading device with chain conveyer for small-arms. G. Sosso. 2,031,433; Feb. 18.
- Ammunition supplying device. L. Daum. 2,062,212; Nov. 24.
- Ammunition supplying device for pairs of guns mounted in turrets or the like. L. Daum. 2,036,126; Mar. 31.
- Amorphous solids, Flaking. R. E. Zinn. 2,041,448; May 19.
- Amperage feed control mechanism, Automatic. C. J. Hess. 2,051,445; Aug. 18.
- Amperage flow controlling device. C. C. Roe. 2,042,020; May 26.
- Amphibian land gear. G. A. Luburg. 2,053,093; Sept. 1.
- Amphibian landing gear. G. A. Luburg. 2,064,675; Dec. 15.
- Amplification of alternating current, System of. L. A. Gebhard. 2,029,316; Feb. 4.
- Amplifier. L. E. Barton. 2,037,753; Apr. 21.
- Amplifier. E. T. Burton. 2,033,274; Mar. 10.
- Amplifier. V. D. Landon. 2,050,343; Aug. 11.
- Amplifier. G. H. Paris. 2,065,610; Dec. 29.
- Amplifier arrangement, Variable-gain. K. Stelmel and E. Klotz. 2,057,857; Oct. 20.
- Amplifier, Audio frequency. W. van B. Roberts. 2,042,966; June 2.
- Amplifier, Band pass. R. A. Braden. 2,036,981; Apr. 7.
- Amplifier, Band-pass. R. A. Braden. 2,055,996; Sept. 29.
- Amplifier circuit, Constant resistance. R. A. Braden. 2,064,146; Dec. 15.
- Amplifier circuits. H. Bartels. 2,035,289; Mar. 24.
- Amplifier coupling, Band pass. R. A. Braden. 2,037,614; Apr. 14.
- Amplifier, Direct current. P. H. Macneil. 2,043,107; June 2.
- Amplifier, Impedance coupled. A. C. Stocker. 2,045,316; June 23.
- Amplifier, Low frequency. H. A. Wheeler. 2,048,528; July 21.
- Amplifier, Magnetic. A. S. Fitz Gerald. 2,027,311; Jan. 7.
- Amplifier, Multistage re-emission. W. G. H. Finch. 2,051,693; Aug. 18.
- Amplifier overload indicator. A. R. Hopkins. 2,038,110; Apr. 21.
- Amplifier system. B. F. Miessner. 2,027,054; Jan. 7.
- Amplifier, Tuned radio frequency. R. A. Braden. 2,065,884; Dec. 29.
- Amplifier, Vacuum tube. C. E. Fay. 2,033,278; Mar. 10.
- Amplifier volume control. H. A. Wheeler. 2,041,273; May 19.
- Amplifiers, Automatic regulation of the amplification in tele-cine transmitting. R. Möller and G. Schubert. 2,063,694; Dec. 8.
- Amplifying and rectifying system, Combined. M. Mack-soud. 2,047,879; July 14.
- Amplifying apparatus. H. W. Houck. 2,054,421; Sept. 15.
- Amplifying system. A. F. Bennett and M. K. Gordon, Jr. 2,031,919; Feb. 25.
- Amplifying system. V. Bush. 2,032,253; Feb. 25.
- Amplifying system. P. J. Walsh. 2,061,602; Nov. 24.
- Amplifying system. I. Wolff. 2,037,842; Apr. 21.
- Amplifying system for television. T. Nakashima and K. Takayanagi. 2,055,156; Sept. 22.
- Amplifying system, High frequency. H. J. Round and P. K. Turner. 2,064,991; Dec. 22.
- Amplifying system, Photoelectric. A. Karolus. 2,042,602; June 2.
- Amusement apparatus. E. Gustafsson. 2,063,600; Dec. 8.
- Amusement apparatus. M. M. Marker. 2,064,310; Dec. 15.
- Amusement apparatus. D. C. Rockola. 2,061,253; Nov. 17.
- Amusement apparatus. E. Rynearson. 2,064,035; Dec. 15.
- Amusement apparatus. E. Thiel. 2,043,454; June 9.
- Amusement apparatus. J. H. Tigerman. 2,052,678; Sept. 1.
- Amusement apparatus. H. E. Williams. 2,044,268; June 16.
- Amusement apparatus, Racing. C. W. Musser. 2,062,371; Dec. 1.
- Amusement device. C. C. Agate and M. M. Einson. 2,048,365; July 21.
- Amusement device. B. F. Archer. 2,037,612; Apr. 14.
- Amusement device. B. Bush and B. Wolk. 2,059,854; Oct. 27.
- Amusement device. U. S. Daniel. 2,043,606; June 9.
- Amusement device. F. H. Forrest. 2,058,304; Oct. 20.
- Amusement device. H. Light. 2,028,676; Jan. 21.
- Amusement device. M. Margolith. 2,047,482; July 14.
- Amusement device. H. P. May. 2,035,084; Mar. 24.
- Amusement device. F. M. Pierce. 2,044,994-5; June 23.
- Amusement device. A. Spillman. 2,063,468; Dec. 8.
- Amusement device. T. H. Watkins. 2,058,279; Oct. 20.
- Amusement device. H. G. Wieker and J. Lang. 2,035,579; Mar. 31.
- Anæsthetic. O. H. Stover and E. H. Brigham. 2,027,126; Jan. 7.
- Analysis, Method of. F. J. Cahn and A. K. Epstein. 2,065,114; Dec. 22.
- Anastigmatic objective for photography and projection. R. Richter. 2,031,792; Feb. 25.
- Anchor. N. E. Lundin. 2,053,838; Sept. 8.
- Anchor. F. E. Welles. 2,056,439; Oct. 6.
- Anchor. E. C. Woolfrey. 2,058,751; Oct. 27.
- Anchor and making the same, Rail. D. C. Mulvihill. 2,061,804; Nov. 24.
- Anchor, Bottom hole tubing. W. O. Patterson. 2,046,479; July 7.
- Anchor, Cable. F. P. Shearwood. 2,040,572; May 12.
- Anchor construction, Earth. A. A. van Lantschoot. 2,059,502; Nov. 3.
- Anchor, Dividing strip. S. C. Awbrey. 2,063,654; Dec. 8.
- Anchor, Earth. M. Rosner. 2,029,740; Feb. 4.



- Anchor, Expandable. C. E. Handel. 2,032,089; Feb. 25.  
 Anchor member for load bracings. A. P. Kivlin. 2,051,381; Aug. 18.  
 Anchor, Pin. A. A. Miller. 2,056,685; Oct. 6.  
 Anchor, Pump. D. W. Hoferer. 2,054,322; Sept. 15.  
 Anchor, Pump. J. N. Martin. 2,027,783; Jan. 14.  
 Anchor, Rail. K. F. Eilers. 2,036,686; Apr. 7.  
 Anchor, Rail. A. F. Fifield. 2,036,031; Mar. 31.  
 Anchor, Rail. H. G. Warr. 2,038,015; Apr. 21.  
 Anchor, Self-securing and propelling. W. L. Robins. 2,063,052; Dec. 8.  
 Anchor, Semiautomatic door. E. W. Phillips. 2,046,790; July 7.  
 Anchor, Trolley. A. W. Hendriks. 2,037,232; Apr. 14.  
 Anchor, Tubing. E. V. Crowell. 2,053,065; Sept. 1.  
 Anchorage means for tire boots, Anticreep. G. A. Stanzel. 2,057,799; Oct. 20.  
 Anchorage, Orthodontic. R. E. Irish. 2,032,282; Feb. 25.  
 Anchoring device. R. S. Peirce. 2,052,793; Sept. 1.  
 Anchoring device for cylinder boring machines. C. T. Rottler. 2,034,488; Mar. 17.  
 Anchoring means for hold-down devices or elements. H. L. Williams. 2,052,914; Sept. 1.  
 Andiron. F. J. Plym. 2,031,732; Feb. 25.  
 Anesthesia apparatus, Dental, medical, and hospital. F. J. Hawley. 2,039,901; May 5.  
 Anesthetic administering apparatus. C. W. Johnson. 2,046,633; July 7.  
 Anesthetic apparatus. R. V. Foregger. 2,041,406; May 19.  
 Anesthetic combinations containing, besides a local anesthetic agent, a vasoconstricting agent. M. Bockmühl, O. Schaumann, and L. Stein. 2,055,064; Sept. 22.  
 Anesthetic combinations containing, besides a local anesthetic agent, a vasoconstricting agent. M. Bockmühl, O. Schaumann, G. Ehrhart, and L. Stein. 2,061,557; Nov. 24.  
 Anesthetic solutions. D. Curtis. 2,045,125; June 23.  
 Anesthetic solutions, Device for preserving local. S. D. Goldberg. 2,051,349; Aug. 18.  
 Anesthetics, Device for administering volatile liquid. J. J. Benner. 2,046,300; June 30.  
 Anethol, Refining. C. H. Bibb. 2,052,745; Sept. 1.  
 Angle cock. L. A. Safford. 2,065,750; Dec. 29.  
 Angle piece for dental purposes. A. Kaltenbach and R. Voigt. 2,051,718; Aug. 18.  
 Angler's implement. C. T. Pfueger. 2,050,194; Aug. 4.  
 Angular adjustments and measurements, Means for use in making. C. C. Allan. 2,028,034; Jan. 14.  
 Angular movements, Repeating. A. Urfer. 2,053,409; Sept. 8.  
 Anhydride, Manufacture of lower aliphatic. H. Dreyfus. 2,034,714; Mar. 24.  
 Anhydride of the half ester of carbonic and salicylic acids and making the same. L. A. Dupont. 2,047,675; July 14.  
 Anhydride, Purifying phthalic. C. Conover. 2,046,368; July 7.  
 Anhydrides, manufacture of aliphatic. H. Dreyfus. 2,041,746-7; May 26.  
 Anhydrides of lower fatty acids, Producing. R. Müller, H. Hatzig, and E. Rabald. 2,045,718; June 30.  
 Animal building block. E. de L. Salazar. 2,036,302; Apr. 7.  
 Animal carcasses, Chilling. M. T. Zarotschenzeff. 2,065,358; Dec. 22.  
 Animal catcher. J. A. Dunlap. 2,060,366; Nov. 10.  
 Animal fibers from textile pests, Protecting. T. Hermann, R. Seydel, and W. Retter. 2,053,610; Sept. 8.  
 Animal grading device. O. Bush. 2,045,176; June 23.  
 Animal restraining and feeding device, Combined. O. P. Laufer. 2,044,312; June 16.  
 Animal restraining device. R. E. McDowell. 2,056,013; Sept. 29.  
 Animal tissues, Preservation of. S. Musher. 2,029,248; Jan. 28.  
 Animal trap. H. J. Houtsinger. 2,065,701; Dec. 29.  
 Animal trap. W. P. Howland. 2,059,238; Nov. 3.  
 Animal trap. J. L. Hurst. 2,059,355; Nov. 3.  
 Animal trap. C. A. Kallna. 2,047,417; July 14.  
 Animal trap. A. Korbisser. 2,059,119; Oct. 27.  
 Animal trap. L. W. McDonald. 2,059,954; Nov. 3.  
 2,060,161; Nov. 10.  
 Animal trap. J. McGhee. 2,042,349; May 26.  
 Animal trap. E. Myklebust. 2,052,106; Aug. 25.  
 Animal trap. J. E. Neville. 2,042,728; June 2.  
 Animal trap. V. Serice. 2,047,892; July 14.  
 Animal trap, Fur bearing. J. Gephardt. 2,047,063; July 7.  
 Animals, Apparatus for weighing live. F. and A. Robinson. 2,035,982; Mar. 31.  
 Animals, Device for frightening. H. P. Altmann.  
 Animals, Device for killing fur-bearing. E. P. Marlman. 2,059,127; Oct. 27.  
 Animals, Device for the housing of. R. D. Snider. 2,034,156; Mar. 17.  
 Animated figure. J. Brady. 2,034,325; Mar. 17.  
 Annealer, Bright. P. J. McIntyre. 2,028,941; Jan. 28.  
 Annealing. R. J. Wean. 2,040,679; May 12.  
 Annealing apparatus. W. H. Nickerson. 2,064,682; Dec. 15.  
 Annealing apparatus. F. J. Winder and L. L. Swift. 2,041,312; May 19.  
 Annealing apparatus. F. J. Winder and L. L. Swift. 2,048,644; July 21.  
 Annealing box. P. E. Hunter and K. J. Deahl. 2,056,522; Oct. 6.  
 Annealing box. P. E. Hunter and K. J. Deahl. 2,063,603; Dec. 8.  
 Annealing furnace. C. B. Hoak. 2,040,994; May 19.  
 Annealing furnace. C. Nagle. 2,047,108; July 7.  
 Annealing furnace, Bell type. A. N. Otis. 2,028,106; Jan. 14.  
 Annealing process. H. Scott. 2,062,836; Dec. 1.  
 Annular objects, Method of and apparatus for wrapping. C. M. MacChesney. 2,033,201; Mar. 10.  
 Annunciator. V. E. Carbonara. 2,052,751; Sept. 1.  
 Annunciator system. A. Tradup. 2,033,265; Mar. 10.  
 Annunciator unit. M. F. Ketay. 2,031,266; Feb. 18.  
 Anode. A. B. Griggs. 2,058,684; Oct. 27.  
 Anode. G. Lutz. 2,058,702; Oct. 27.  
 Anode. J. L. Young. 2,043,823; June 9.  
 Anode baffle for mercury arc rectifiers. G. W. Brucker. 2,056,034; Sept. 29.  
 Anode for electrolytic condensers. J. D. Edwards. 2,043,038; June 2.  
 Anode, Power tube. J. O. Bentley. 2,053,126; Sept. 1.  
 Anode, Zinc plating. G. B. Hogaboom. 2,064,307; Dec. 15.  
 Anodes, forming the same, and formation electrolyte therefor. J. E. Lilienfeld. 2,062,464; Dec. 1.  
 Anodes of electrolytic condensers and apparatus for use therein, Forming the. J. E. Lilienfeld. 2,036,878; Apr. 7.  
 Antenna. O. Böhm. 2,029,015; Jan. 28.  
 Antenna. P. S. Carter. 2,038,539; Apr. 28.  
 Antenna. P. S. Carter. 2,058,412; Oct. 27.  
 Antenna. J. Evans. 2,063,303; Dec. 8.  
 Antenna. P. Hermanspann. 2,064,112; Dec. 15.  
 Antenna. N. E. Lindenblad. 2,042,319; May 26.  
 Antenna. N. E. Lindenblad. 2,042,320; May 26.  
 Antenna. K. Posthumus and B. van der Pol. 2,031,065; Feb. 18.  
 Antenna. L. H. Van Billiard. 2,063,641; Dec. 8.  
 Antenna and lead-in device. H. G. Engel. 2,036,203; Apr. 7.  
 Antenna and load supply system, Combination. N. E. Davis and R. C. Quick. 2,064,465; Dec. 15.  
 Antenna arrangement, Variable. W. Buschbeck. 2,036,456; Apr. 7.  
 Antenna, Automobile. R. D. Tuttle. 2,063,531; Dec. 8.  
 Antenna, Broadcast. A. Gothe and H. O. Roosenstein. 2,064,204; Dec. 15.  
 Antenna, Built-in unit volume tuning. J. R. Rigandl. 2,058,037; Oct. 20.  
 Antenna coupling device. R. B. Albright. 2,050,912; Aug. 11.  
 Antenna coupling system. L. R. Kirkwood. 2,038,938; Apr. 28.  
 Antenna device for vehicles. P. Crosley, Jr. 2,055,519; Sept. 29.  
 Antenna, Direction finder. A. Leib. 2,046,473; July 7.  
 Antenna, Directional. P. S. Carter. 2,027,020; Jan. 7.  
 Antenna for automobiles. E. Holecck. 2,059,869; Nov. 3.  
 Antenna for obtaining reduced high angle radiation, Transmitting. O. Böhm. 2,048,726; July 28.  
 Antenna for short or ultra-short electrical waves, Symmetrical. W. Berndt and A. Gothe. 2,065,787; Dec. 29.  
 Antenna for use with an automobile radio receiver. P. L. Mann. 2,049,744; Aug. 4.  
 Antenna heating. P. S. Carter. 2,039,295; May 5.  
 Antenna members, Assembling. R. Hawksley. 2,033,633; Mar. 10.  
 Antenna, Short wave. A. Gothe. 2,055,100; Sept. 22.  
 Antenna structure. W. W. Brown. 2,059,186; Oct. 27.  
 Antenna, Submarine. A. Leib. 2,049,588; Aug. 4.  
 Antenna system. J. W. Alexander and H. Rinia. 2,054,645; Sept. 15.  
 Antenna system. W. Moser. 2,033,390; Mar. 10.  
 Antenna system. W. Runge and A. Gothe. 2,046,849; July 7.  
 Antenna system for microray signaling. A. G. Clavier. 2,028,498; Jan. 21.  
 Antenna, Vertical mast wave. R. L. Jenner. 2,027,733; Jan. 14.  
 Antennas, Method and apparatus for producing hollow. R. Hawksley. 2,033,632; Mar. 10.  
 Anthelmintic. W. P. Elmslie and P. Caldwell. 2,027,967; Jan. 14.  
 Anthelmintic. C. C. Taylor and A. L. Galloway. 2,033,495; Mar. 10.  
 Anthracene, Purification of. A. H. Radasch. 2,052,722; Sept. 1.  
 Anthrapyrimidine series, Compounds of the. M. A. Kunz and K. Koeberle. 2,040,859; May 19.  
 Anthrapyrimidines and their production. M. A. Kunz and K. Koeberle. 2,040,861; May 19.  
 Anthrapyrimidines, Production of. M. A. Kunz and K. Koeberle. 2,040,858; May 19.  
 Anthrapyrimidines, Production of. M. A. Kunz and K. Koeberle. 2,040,860; May 19.  
 Anthraquinone compounds, Halogenated. W. Dettwyler. 2,063,420; Dec. 8.  
 Anthraquinone derivative. R. N. Lulek. 2,049,212; July 28.  
 Anthraquinone derivatives. H. Hauser and M. Bommer. 2,030,253; Feb. 11.  
 Anthraquinone derivatives. G. Kränzlein, H. Schlichenmaier, and L. Schörnig. 2,029,239; Jan. 28.  
 Anthraquinone derivatives and making the same. F. Lodge and C. H. Lumsden. 2,056,473; Oct. 6.



- Anthraquinone derivatives and preparing the same. A. J. Wuertz. 2,042,165; May 26.
- Anthraquinone derivatives containing nitrogen and making same, highly condensed heterocyclically bound. W. Moser and W. Fioroni. 2,046,423; July 7.
- Anthraquinones and products obtainable by said process. Preparing formylamino. E. C. Buxbaum. 2,063,027; Dec. 8.
- Anthraselenazole derivatives and making them. R. N. Lulek. 2,049,213; July 28.
- Antiachitic product and process. H. Steenbock. 2,057,399; Oct. 13.
- Anti-anemia material and making the same. W. S. McElroy and W. F. Herron. 2,032,544; Mar. 3.
- Antibutting device. F. Sacker. 2,040,410; May 12.
- Antifreeze compound. A. Eichengrün. 2,038,724; Apr. 28.
- Antifreeze rubber belt compound and making the same. J. Rockoff. 2,061,674; Nov. 24.
- Anti-freezing device. A. Atkinson. 2,062,246; Nov. 24.
- Antifriction bearing. C. T. Foss. 2,061,999; Nov. 24.
- Antifriction bearing. A. J. Franch. 2,061,653; Nov. 24.
- Antifriction bearing. K. L. Herrmann. 2,033,074; Mar. 3.
- Antifriction bearing. K. L. Herrmann. 2,038,079; Apr. 21.
- Anti-friction bearing. W. E. Hoke. 2,040,741; May 12.
- Antifriction bearing. G. B. Kurtzon. 2,061,279; Nov. 17.
- Antifriction bearing. S. R. Large. 2,040,489; May 12.
- Antifriction bearing. E. J. Schmidt. 2,044,405; June 10.
- Antifrictional bearing. C. M. Townsend. 2,045,933; June 30.
- Antigen, Common-cold. H. M. Powell. 2,040,794; May 12.
- Antigen, Pregnancy. B. Gruskin. 2,042,430; May 26.
- Antiglare device for vehicle lamps. F. C. Townsend. 2,059,762; Nov. 3.
- Antihunting positional control. F. L. Moseley. 2,040,014; May 5.
- Antiknock fluid, Producing. A. von Groeling. 2,058,194; Oct. 20.
- Antileak agent for greases. W. P. Hilliker. 2,065,857; Dec. 29.
- Antimony compounds, Manufacture of new stable. W. Kussmaul. 2,031,268; Feb. 18.
- Antimony trioxide, Treating impure. J. O. Betterton and R. D. McLellan. 2,035,453; Mar. 31.
- Antimony oxide, Production of. J. O. Betterton. 2,035,454; Mar. 31.
- Antimony process. R. C. Skow. 2,062,838; Dec. 1.
- Antinoise structure. A. W. Kimbell. 2,055,444; Sept. 22.
- Anti-oscillating device. E. G. Goodwin. 2,053,990; Sept. 8.
- Antioxidant. A. M. Clifford. 2,026,517; Jan. 7.
- Antioxidant. W. L. Semon. 2,048,822; July 28.
- Antioxidant. W. L. Semon. 2,048,823; July 28.
- Antioxidant. A. W. Sloan. 2,034,491; Mar. 17.
- Antioxidant for rubber. W. D. Wolfe. 2,061,531; Nov. 17.
- Antioxidants. D. Craig. 2,048,781; July 28.
- Antioxidants. W. L. Semon. 2,053,785; Sept. 8.
- Anti-oxidants, Manufacture of. D. R. Stevens and W. A. Gruse. 2,061,111; Nov. 17.
- Antioxidants, Preparing. W. L. Semon. 2,061,779; Nov. 24.
- Antiparasitic agent and agency. O. V. Huffman. 2,028,217; Jan. 21.
- Anti-pick lock. O. A. Hage. 2,052,464; Aug. 25.
- Antirachitic substances, Producing. J. Waddell. 2,028,364; Jan. 21.
- Antirail creeper and fastener, Combination. S. Stone and C. W. Weidner. 2,053,168; Sept. 1.
- Antirattle device for windows. A. T. Potter. 2,059,027; Oct. 27.
- Antirattling device. C. Wirth. 2,047,047; July 7.
- Antirattling device for windows. F. E. Jennings. 2,065,590; Dec. 29.
- Antiroil device. J. H. Hunt. 2,048,866; July 28.
- Antiseptic or medicated dressing or material and the manufacture thereof. L. Zisserman and E. Shore. 2,063,218; Dec. 8.
- Anti-siphoning device. T. H. Jones. 2,062,516; Dec. 1.
- Antiskid attachment for shoes. C. Gabriele. 2,061,962-3; Nov. 24.
- Antiskid chain. L. D. Cull. 2,050,278; Aug. 11.
- Antiskid device. E. Coenning. 2,045,214; June 23.
- Antiskid device. L. I. Dick. 2,059,211; Nov. 3.
- Antiskid device. W. H. Jackson. 2,065,312; Dec. 22.
- Antiskid device. L. Karon. 2,065,810; Dec. 29.
- Antiskid device. S. Miziorini. 2,048,019; July 21.
- Antiskid device. A. G. O'Konesky. 2,052,893; Sept. 1.
- Antiskid device. E. J. Waring. 2,033,407; Mar. 10.
- Antiskid device for motor vehicles and the like. L. A. Jacks. 2,058,799; Oct. 27.
- Antiskid mechanism for vehicles. F. M. Moody. 2,035,822; Mar. 31.
- Antiskidding device for automobiles. L. O. E. Roessel. 2,044,812; June 23.
- Antiskidding device for automotive vehicles and the like. J. Centofanti. 2,057,936; Oct. 20.
- Antislip device for shoes. J. K. Mattsson. 2,065,386; Dec. 22.
- Anti-splitting device. W. C. Lloyd. 2,035,817; Mar. 31.
- Antistalling device. L. E. Perrine. 2,033,396; Mar. 10.
- Antitampering device. P. Brantley. 2,033,875; Mar. 10.
- Antitampering motor. W. C. Wagner and G. B. Schleicher. 2,052,733; Sept. 1.
- Antitheft device. H. T. Flack. 2,034,336; Mar. 17.
- Antitoxin. S. D. Beard. 2,057,623; Oct. 13.
- Antitoxins and the like, Purification of. I. A. Parfentjev. 2,065,196; Dec. 22.
- Antivibration machine base. C. Hussman. 2,032,659; Mar. 3.
- Antivibrator attachment for road machinery. J. C. Coose. 2,027,677; Jan. 14.
- Anti-wheel sliding device. E. S. Cook and C. F. Hammer. 2,038,148; Apr. 21.
- Anvil for riveting guard ledger plates. C. R. Kaney. 2,065,092; Dec. 22.
- Apocupreine and apocupreine derivatives. L. H. Cretcher, C. L. Butler and A. G. Renfrew. 2,033,515; Mar. 10.
- Apocupreine, Purification of. B. L. Souther, C. L. Butler, and L. H. Cretcher. 2,033,555; Mar. 10.
- Apparatus, Electric sound-reproducing. A. A. Thomas. 2,032,450; Mar. 3.
- Apparatus for annealing. A. W. Herman. 2,058,450; Oct. 27.
- Apparatus for balancing rotatable bodies. B. E. Ohlson. 2,054,267; Sept. 15.
- Apparatus for buffing and polishing articles. C. R. Moon. 2,055,665; Sept. 29.
- Apparatus for carbonating and dispensing liquid. W. Bösmann. 2,064,879; Dec. 22.
- Apparatus for continuous machining of work-pieces and particularly in housings for axial bearings of rear vehicles. W. Peyinghaus. 2,028,008; Jan. 14.
- Apparatus for cutting wire rope, cable, and the like. A. A. Leschen. 2,064,017; Dec. 15.
- Apparatus for decorating articles. H. Horine. 2,064,161; Dec. 15.
- Apparatus for dynamically balancing rotatable bodies. E. L. Thearle. 2,050,073; Aug. 4.
- Apparatus for electrical uses. E. E. Franz. 2,055,175; Sept. 22.
- Apparatus for finding the course along any definite great circle. J. M. Boykow. 2,039,878; May 5.
- Apparatus for forming tubes. L. Iversen and C. L. Raisig. 2,043,665; June 9.
- Apparatus for handling flat material. L. Sekulski. 2,058,729; Oct. 27.
- Apparatus for massaging and exercising the feet. A. K. Werler. 2,045,814; June 30.
- Apparatus for preparing soil for seedling. G. J. Ziegler. 2,040,068; May 5.
- Apparatus for preventing back flash in gas lines. P. S. Williams and O. W. Johnson. 2,058,650; Oct. 27.
- Apparatus for pulverizing material. G. H. Kaemmerling. 2,040,816; May 12.
- Apparatus for reducing skin-friction losses in dynamo-electric machines, Method of and. C. J. Coberly. 2,055,480; Sept. 29.
- Apparatus for reducing skin-friction losses, Method of and. C. J. Coberly. 2,055,481; Sept. 29.
- Apparatus for saturating material. J. H. Weller. 2,062,382; Dec. 1.
- Apparatus for taking samples from wells. W. L. Church. 2,053,698; Sept. 8.
- Apparatus for testing materials by flexure. S. Tour and C. H. Marshall. 2,049,235; July 28.
- Apparatus for the manual execution of typographical lines with matrices. A. Bernadi. 2,061,609; Nov. 24.
- Apparatus for the treatment of hats and other articles. M. Cassé. 2,038,643; Apr. 28.
- Apparatus for use at low temperatures. A. B. Kinzel. 2,042,426-7; May 26.
- Apparatus for use for measuring thicknesses of materials in sheet form and recording the thicknesses thereon. E. G. Wilson. 2,054,874; Sept. 22.
- Apparatus of a light filter for electric lamps. A. Braune. 2,063,296; Dec. 8.
- Apparel and making the same, Wearing. G. Schneider. 2,047,230; July 14.
- Apparel and producing, Article of wearing. N. E. Tillotson. 2,060,961; Nov. 17.
- Apparel fastener. S. Samuel. 2,041,624; May 19.
- Apparel, Fold line in wearing. B. Liebowitz. 2,066,293; Dec. 29.
- Apparel, Wearing. J. X. Gagnon. 2,037,376; Apr. 14.
- Apparel, Wearing. W. F. Gowdy. 2,095,564; Feb. 4.
- Apparel, Wearing. B. Polis. 2,061,481; Nov. 17.
- Apparel, Wearing. J. B. Russell. 2,064,951; Dec. 22.
- Apple packing device. C. L. Taylor. 2,028,300; Jan. 21.
- Appliance for the treatment of the larynx with ultra-violet rays. A. Cemach. 2,034,388; Mar. 17.
- Appliance plug. S. Schaefer. 2,035,345; Mar. 24.
- Appliance plug. J. O. Wetzel. 2,038,816; Apr. 28.
- Applicator. H. F. Colvin. 2,065,795; Dec. 29.
- Applicator. H. Reichle. 2,029,835; Feb. 4.
- Applicator. W. F. Schmalz. 2,043,678; June 9.
- Applicator for powdered medicaments. H. H. Marshall, Jr. 2,030,176; Feb. 11.
- Applicator, Sponge. W. B. Jones. 2,054,198; Sept. 15.
- Apricot cutter. H. T. Crawford. 2,047,006; July 7.
- Apron. F. Beiter. 2,056,998; Oct. 13.
- Apron, Child's. G. M. Hovey. 2,051,142; Aug. 18.
- Apron, Closet. F. Piper. 2,035,567; Mar. 31.
- Aquarium. P. Neumann. 2,028,913; Jan. 28.
- Aquatic amusement device. H. F. Maynes. 2,058,383; Oct. 20.
- Aqueous dispersion. J. M. Fain. 2,027,582; Jan. 14.
- Aqueous dispersion, Stable. E. B. Newton. 2,030,222; Feb. 11.



- Aqueous mixtures of lower aliphatic acids and anhydrides, Azeotropic dehydration of. H. Dreyfus. 2,031,637; Feb. 25.
- Aqueous solution of anesthetic substances. M. Bockmühl and W. Ludwig. 2,061,544; Nov. 24.
- Aqueous solutions, Noncorrosive. R. G. Clarkson and C. J. Pedersen. 2,054,282; Sept. 15.
- Aqueous solutions of the follicular hormone, Concentrated. F. Elger. 2,035,152; Mar. 24.
- Aqueous solutions of therapeutically valuable compounds and preparing them. L. Benda. 2,040,973; May 19.
- Aqueous suspension compositions. R. and M. F. Cross. 2,044,758; June 16.
- Ar. tetrahydro-naphthyl thioureas. H. A. Lubs and A. L. Fox. 2,055,608; Sept. 29.
- Aralkyl ethers of cellulose, Production of. E. J. Lorand. 2,056,324; Oct. 6.
- Arc device, Enclosed. R. F. Strickland. 2,047,042; July 7.
- Arc device, Inclosed. H. Pulfrich. 2,063,121; Dec. 8.
- Arc discharge device, Electrostatically controlled. O. W. Livingston. 2,044,618; June 16.
- Arc discharge lamp. J. L. Cox. 2,060,043; Nov. 10.
- Arc discharge tube. J. Bruijnes. 2,058,950; Oct. 27.
- Arc extinguishing apparatus. W. O. Hampton and A. Van Ryan. 2,051,478; Aug. 18.
- Arc extinguishing device. H. C. Graves, Jr. 2,065,802; Dec. 29.
- Arc lamp. E. C. Richardson. 2,060,347; Nov. 10.
- Arc lamp. J. H. Wagenhorst. 2,059,668; Nov. 3.
- Arc length indicator. W. Richter. 2,045,800; June 30.
- Arc regulator. K. Brenkert. 2,040,596; May 12.
- Arc regulator. H. H. Strong. 2,028,572; Jan. 21.
- Arc rupturing device for electric switches. E. Lange. 2,063,173; Dec. 8.
- Arc welding apparatus. P. H. Brace. 2,053,417; Sept. 8.
- Arc welding apparatus. A. L. Guest. 2,046,117; June 30.
- Arc-welding machine. R. K. Hopkins. 2,055,533; Sept. 29.
- Arcing of the contacts of electrical regulating instruments, Preventing. M. Eaton. 2,026,617; Jan. 7.
- Arcing tip and making the same. R. L. Adams. 2,024,550; Mar. 17.
- Arch, Adjustable. J. A. Fikany. 2,044,751; June 16.
- Arch and heel support. E. M. Stewart and S. Shagrin. 2,031,510; Feb. 18.
- Arch building construction. L. Davidson. 2,031,937; Feb. 25.
- Arch construction. M. G. Vass. 2,064,704; Dec. 15.
- Arch correction for the feet. F. S. Boltz and G. W. Estey. 2,041,693; May 26.
- Arch support. K. K. Kingsbury. 2,053,910; Sept. 8.
- Arch support. J. P. Schnellbacher. 2,043,396; June 9.
- Arch support. C. F. Scholl. 2,038,006; Apr. 21.
- Arch support. D. R. Slater. 2,036,890; Apr. 7.
- Arch support, Adjustable orthopedic. A. Kurtz. 2,050,973; Aug. 11.
- Arch support and bunion protector. A. Mirenta. 2,027,055; Jan. 7.
- Arch support, Making. S. Kubeck. 2,040,143; May 12.
- Arch support, Unified sole. H. L. Whitman. 2,054,151; Sept. 15.
- Arch supporter. T. C. Heuer. 2,050,006; Aug. 4.
- Arch supporter. C. Whitfield and F. Georges. 2,027,757; Jan. 14.
- Arch supporting apparatus. A. E. Block. 2,057,510; Oct. 13.
- Arcuate structures with no staging, Constructing. I. Nozawa. 2,044,321; June 16.
- Area measuring machine. G. T. Hart, Jr. 2,049,540; Aug. 4.
- Area reducer for storage chambers. U. Zivanov. 2,065,006; Dec. 22.
- Arm, Artificial. P. W. Radtke. 2,033,150; Mar. 10.
- Arm, Automatic quick firing. H. Delacre. 2,035,303; Mar. 24.
- Arm construction for wringer mops, Pivot. J. L. Milson. 2,065,089; Dec. 22.
- Arm exercising and stomach treatment apparatus. P. E. Erickson. 2,062,300; Dec. 1.
- Arm for awning frames. B. A. Peterson. 2,061,207; Nov. 17.
- Arm for folding chairs, Tablet. A. L. Lochman and J. Kluson. 2,048,014; July 21.
- Arm hook-up for casket handles. G. C. Pablow and S. Junkunc. 2,033,445; Mar. 10.
- Arm, Quick firing. W. Baumann. 2,042,449; June 2.
- Arm rest. W. L. Morrison. 2,043,626; June 9.
- Arm rest and handle, Combined. J. B. Flynn. 2,038,033; Apr. 21.
- Arm rest and instrument table. L. L. Hallman. 2,053,476; Sept. 8.
- Arm rest and protector device, Combined. B. Cohen. 2,060,725; Nov. 10.
- Armature for magnetic movements. C. Messick. 2,026,994; Jan. 7.
- Armatures within casings, Apparatus to facilitate insertion of. F. Koenig. 2,043,546; June 9.
- Armor. E. Wisbrod. 2,052,684; Sept. 1.
- Armor block for water walls and the like. J. Blizard. 2,028,142; Jan. 21.
- Armor, Pipe. C. O. Willenberg. 2,057,176; Oct. 13.
- Armor plate, Homogeneous. F. Rittershausen. 2,059,746; Nov. 3.
- Ar-N-(Nitro-phenyl)-tetrahydro-naphthylamines and preparing same. H. C. Olpin. 2,026,748; Jan. 7.
- Aromatic compounds, Producing nuclear alkylated. J. D. Robinson. 2,061,593; Nov. 24.
- Aromatic compounds, Sulphonated hydroxy. B. L. Rauschert. 2,058,504; Oct. 27.
- Aroyl chloride of the benzene series. H. W. Anderson. 2,048,768; July 28.
- Arrangement for removing the deposit from the tubular systems of steam generators with forced passage of the operating medium. M. Eule. 2,032,924; Mar. 3.
- Arrester of extremely high discharge capacity. C. E. Krause. 2,060,509; Nov. 10.
- Arsenic derivatives of sugars. P. J. Daughenbaugh. 2,032,263; Feb. 25.
- Ar-tetrahydro-naphthothiazoles. H. A. Lubs and A. L. Fox. 2,055,609; Sept. 29.
- Article and manufacture thereof, Metal coated. R. R. Robinson and E. L. Rick. 2,031,070; Feb. 18.
- Article and method by which "Ben Day" tones are photographically produced. F. E. Marsh and C. H. Anderson. 2,044,991; June 23.
- Article and process for multiplying records. W. D. Foster. 2,060,190; Nov. 10.
- Article carrier. A. E. Thums. 2,031,866; Feb. 25.
- Article comprising plastic compositions and making the same. L. M. Currie. 2,027,961; Jan. 14.
- Article container. F. R. Kinkenon. 2,033,526; Mar. 10.
- Article delivery means for coin-controlled machines. T. W. B. Watling. 2,035,853; Mar. 31.
- Article display and conveying equipment. W. M. Bodine. 2,030,741; Feb. 11.
- Article disposal fixture. F. E. Clemmer. 2,053,181; Sept. 1.
- Article feeding apparatus. E. M. Marchand. 2,044,394; June 16.
- Article handling device. C. Littlefield. 2,034,949; Mar. 24.
- Article made from steel and cast iron with reduced tendency to corrode. H. Schulz and C. Carius. 2,053,846; Sept. 8.
- Article of decoration. A. J. Gabriel. 2,064,826; Dec. 22.
- Article of food—sandwich. A. Borbely. 2,060,490; Nov. 10.
- Article of manufacture. B. C. Brunstetter. 2,056,884; Oct. 6.
- Article of manufacture. G. Christenson. 2,052,603; Sept. 1.
- Article of manufacture and making same. A. H. Sauer, Jr. 2,035,672; Mar. 31.
- Article of manufacture and making the same. S. Collier. 2,033,923; Mar. 17.
- Article rack. J. Chanik. 2,051,541; Aug. 18.
- Article storage and display stand. T. E. Wharton. 2,027,799; Jan. 14.
- Article with reduced tendency to corrode. H. Schulz and C. Carius. 2,056,588; Oct. 6.
- Article, Wrapping an. O. H. Hultin. 2,037,631; Apr. 14.
- Articles and materials, Method and apparatus for packing. J. P. G. Elkin. 2,053,070; Oct. 20.
- Articles and structures made from concrete and the like, Method and device. B. Ruml. 2,061,105; Nov. 17.
- Articles, Apparatus for bagging rollable. H. C. Stockdale. 2,028,297; Jan. 21.
- Articles, Apparatus for expanding. S. N. Johnson and W. Hall. 2,037,795; Apr. 21.
- Articles, Apparatus for treating. T. C. Bieth. 2,028,861; Jan. 28.
- Articles by welding, Apparatus for the formation of. J. L. Adams, Jr. 2,059,300; Nov. 3.
- Articles, Covering. W. S. Titcomb. 2,030,160; Feb. 11.
- Articles fabricated with asphaltines and making such articles. S. C. Fulton and V. Kalichevsky. 2,035,122; Mar. 24.
- Articles for machining thereof, Rotating and locating. O. R. Briney. 2,059,723; Nov. 3.
- Articles from cellulose esters or ethers, Manufacture of. W. A. Dickie and P. F. C. Sowter. 2,065,664; Dec. 29.
- Articles from plastic compositions, Production of. L. M. Currie. 2,027,962; Jan. 14.
- Articles from steel alloys, Manufacture of. F. K. Naumann. 2,059,893; Nov. 3.
- Articles in boxes, Apparatus for packing. W. D. Kimball, E. T. McKaig, and C. I. Braren. 2,053,435; Sept. 8.
- Articles in transit, Apparatus for refrigerating. C. W. Vogt. 2,044,032; June 16.
- Articles in unit containers, Transporting and/or storing. R. R. Brogden. 2,064,518; Dec. 15.
- Articles, Making hollow. W. Scrimgeour. 2,029,508; Feb. 4.
- Articles, Manufacturing two-colored. S. Hansen. 2,062,880; Dec. 1.
- Articles, Method and apparatus for wrapping. G. Meyer-Jagenberg. 2,047,486; July 14.
- Articles, Method of and means for shrinking. H. P. Morris. 2,038,592; Apr. 28.
- Articles of apparel and making the same. A. F. Schramm, Jr. 2,035,766; Mar. 31.
- Articles of clothing and the like, Cleaning. L. Angelus and D. L. Baylis. 2,044,828; June 23.
- Articles of clothing and the like for laundry and similar purposes, Marking. F. G. Tillet. 2,041,628; May 19.
- Articles of manufacture. A. S. Hunter. 2,062,179; Nov. 24.



- Articles of manufacture having elongated surfaces, Method of and apparatus for decorating. G. von Weber. 2,047,718; July 14.
- Articles shaped from viscose, Manufacture of. E. Hubert and H. Hecht. 2,064,915; Dec. 22.
- Articles, such as talking machine or phonograph records, Method of and apparatus for manipulating. H. Hollerith, Jr. 2,041,713; May 26.
- Articles such as talking machine or phonograph records, Method of and apparatus for manipulating. W. D. La Rue. 2,041,718; May 26.
- Articles with reduced tendency to corrode. H. Schulz and C. Carius. 2,056,589-90; Oct. 6.
- Articles with surface finishes, Provision of. E. A. Murphy. 2,058,031; Oct. 20.
- Articulated display. A. M. Joralemon and A. W. Vaughan. 2,027,536; Jan. 14.
- Articulator. H. Boatner. 2,037,003; Apr. 14.
- Artificial filaments and particularly such as are adapted for use for textile purposes. E. G. E. Meyer and E. C. Burgoyne. 2,063,180; Dec. 8.
- Artificial legs, Knee joint for. G. Greissinger. 2,046,069; June 30.
- Artificial masses. A. Voss and E. Dickhäuser. 2,041,502; May 19.
- Artificial masses, Manufacture of. A. Gams and K. Frey. 2,041,330; May 19.
- Artificial materials and making the same. R. P. Roberts, E. B. Johnson, and L. W. Gregory. 2,045,370; June 23.
- Artificial materials, Manufacture of. W. I. Taylor. 2,031,798; Feb. 25.
- Artificial materials, Manufacture of. W. I. Taylor. 2,045,377; June 23.
- Artificial materials, Treatment of. R. H. Parkinson and C. W. Addy. 2,035,504; Mar. 31.
- Artificial products, Manufacture of. H. Dreyfus. 2,059,322; Nov. 3.
- Artificial products, Manufacture of. W. I. Taylor. 2,065,766; Dec. 29.
- Artificial products of cellulose derivatives, Manufacture and treatment of. H. Dreyfus. 2,034,713; Mar. 24.
- Artificial products of viscose, Manufacturing dulled. K. Witte and H. Cayer. 2,048,833; July 28.
- Artificial structures, such as artificial silk, bands, or the like from viscose, Producing. R. O. Herzog and H. Hoffmann. 2,036,752; Apr. 7.
- Artillery firing, Apparatus for simulating. A. V. Baranoff. 2,063,536; Dec. 8.
- Artillery wheel. C. L. Eksergian. 2,041,326; May 19.
- Artillery wheel, Composite. C. L. Eksergian. 2,045,902; June 30.
- Artillery wheel, Reinforced. C. L. Eksergian. 2,049,052; July 28.
- Artisan tool. B. J. Davis. 2,048,846; July 28.
- Artist's material, Producing. W. H. Eader. 2,040,170; May 12.
- Artist's printing board. C. C. Morrison. 2,037,038; Apr. 14.
- Arylamides of 5, 6, 7, 8-tetrahydro-2-hydroxynaphthalene-3-carboxylic acid. H. Morschel. 2,040,397; May 12.
- Arylamides of furoyl-acetic acid. F. Zwißmeyer. 2,064,331; Dec. 15.
- Arylamides of 2,3-hydroxynaphthoic acids. W. A. Sexton. 2,029,509; Feb. 4.
- Arylamides on an asymmetrical ortho-xenol-carboxylic acid and making same. L. Laska and O. Haller. 2,047,513; July 14.
- Arylamines, Making. W. S. Calcott and L. S. Bake. 2,062,349; Dec. 1.
- Arylamines of the benzene series, Producing. W. L. Foohey and F. W. Peck. 2,048,790; July 28.
- Arylarseno-arsenides and making the same. H. Schmidt. 2,052,670; Sept. 1.
- Aryl-mercaptans and derivatives thereof, Preparing. J. E. Cole. 2,034,459; Mar. 17.
- Aryl-mercuric nitrates and a product thereof, Preparation of. E. C. Britton, R. P. Perkins, and J. T. Lundquist. 2,040,765; May 12.
- Arylnaphthylamines, Manufacture of. F. H. Kranz. 2,052,633; Sept. 1.
- Aryl-thiazoles and their production, Chlorinated. H. A. Lubs and J. E. Cole. 2,051,145; Aug. 18.
- Asbestos. Purification of. E. Schürmann and W. Esch. 2,046,971; July 7.
- Asbestos sheet for gaskets and packing, Saturated. J. H. Victor, B. J. Victor and W. A. Heinze. 2,040,348; May 12.
- Ash and cigarette container, Combined. H. T. Montgomery. 2,058,710; Oct. 27.
- Ash disposal apparatus. H. M. Wilgus. 2,031,578; Feb. 18.
- Ash disposal means. G. M. Peltz. 2,056,191; Oct. 6.
- Ash receiver. R. F. De Boer. 2,045,449; June 23.
- Ash receiver. R. F. De Boer. 2,046,107; June 30.
- Ash receiver. J. Visser. 2,058,845; Oct. 27.
- Ash receiver, Sliding. R. F. De Boer. 2,043,886; June 9.
- Ash receptacle. G. V. Szabo. 2,029,139; Jan. 28.
- Ash receptacle. W. G. Vogel. 2,048,363; July 21.
- Ash removing mechanism. J. Martin. 2,037,990; Apr. 21.
- Ashtray. K. Bashur. 2,044,377; June 16.
- Ash tray. L. Heisenfeldt. 2,059,105; Oct. 27.
- Ashtray. C. K. Van Riper. 2,038,814; Apr. 28.
- Ashtray and extinguisher, Combined. G. A. Mountjoy. 2,059,137; Oct. 27.
- Ash tray and pipe cleaner, Combination. A. E. Leibner. 2,038,370; Apr. 21.
- Ash tray container. R. W. King and W. R. Leslie. 2,049,067; July 28.
- Ashtray for extinguishing cigarettes or cigars. M. Barbieri. 2,063,717; Dec. 8.
- Ash tray, Multiple. L. H. Wiggers. 2,050,907; Aug. 11.
- Ashtray, Pocket. R. J. Hutchinson. 2,063,679; Dec. 8.
- Ashtray screen cover. J. Schneider. 2,051,227; Aug. 18.
- Asphalt and lubricating oils, Manufacture of. R. B. Day. 2,049,000; July 28.
- Asphalt and wax from oil, Separating. U. B. Bray. 2,049,046; July 28.
- Asphalt-asbestos mastic and producing same. U. B. Bray, L. B. Beckwith, and F. S. Scott. 2,029,289; Feb. 4.
- Asphalt coating material and producing same. W. A. Craig and F. E. Griffith. 2,038,023; Apr. 21.
- Asphalt, Cooling and granulating. H. M. Noel. 2,062,374; Dec. 1.
- Asphalt heater. J. S. Littleford, Jr. 2,041,359; May 19.
- Asphalt, Making. A. Gutzwiller. 2,055,459; Sept. 22.
- Asphalt, Making. B. L. Rose. 2,028,922; Jan. 28.
- Asphalt manufacture. H. I. Ringgenberg. 2,057,265; Oct. 13.
- Asphalt oxidation system. C. P. McNeil and S. A. Montgomery. 2,032,546; Mar. 3.
- Asphalt paving and other materials, Method of and apparatus for measuring the resistance to deformation of. N. H. Taylor. 2,036,443; Apr. 7.
- Asphalt, Producing an emulsifiable. C. E. Hite. 2,044,570; June 16.
- Asphaltic composition. U. B. Bray. 2,041,279; May 19.
- Asphaltic paving composition and making same. J. W. Fraser. 2,036,130; Mar. 31.
- Asphaltic products, Manufacturing. C. P. McNeil. 2,046,081; June 30.
- Asphalts and producing same. U. B. Bray and L. B. Beckwith. 2,029,290; Feb. 4.
- Asphalts of low susceptibility to temperature change. C. Mack. 2,062,366; Dec. 1.
- Asphalts, Producing oxidized. E. G. Ragatz. 2,029,504; Feb. 4.
- Assembled board. E. Rudin and H. Kollbrunner. 2,054,867; Sept. 22.
- Assembler guide for typesetting machines. G. R. Schlädetzky. 2,058,357; Oct. 20.
- Assembling device. C. J. Filipak. 2,061,272; Nov. 17.
- Assembling die. S. N. Johnson. 2,042,716; June 2.
- Assembling machine. B. Jorgensen. 2,057,030; Oct. 13.
- Assembling machine for stitching together fabric pieces. L. W. Joyce. 2,045,188; June 23.
- Assembling mechanism of typographical composing machines. V. C. J. Harrison. 2,035,807; Mar. 31.
- Assembly fixture for mower bars. F. H. Harrison, T. F. Hannett, and K. Oesterle. 2,054,540; Sept. 15.
- Assembly for electron devices, Element. W. L. Krahle. 2,062,751; Dec. 1.
- Assembly for the elements of constructional toys, System of. L. Roussy and R. Trubert. 2,032,955; Mar. 3.
- Assembly frame for use in making insulating glass. C. E. Stroud. 2,038,771; Apr. 28.
- Assembly machine. L. E. Long. 2,052,356; Aug. 25.
- Assembly table. R. E. Hyde and H. A. Maurer. 2,030,594; Feb. 11.
- Assistants for the textile and related industries, Production of. K. Kelley, H. Hopff, E. Gofferjé, and J. Nuesslein. 2,063,934; Dec. 15.
- Astigmometer. T. A. Bennett. 2,026,607; Jan. 7.
- Astronomical instrument. F. H. Hagner. 2,055,148; Sept. 22.
- Asymmetrical conducting device. G. O. Smith. 2,038,246; Apr. 21.
- Asymmetrical head lamp. J. L. Koubek. 2,056,726; Oct. 6.
- Atmosphere testing device. C. K. Lingo. 2,037,637; Apr. 14.
- Atmospheres for respiration and explosion hazards, Apparatus for exploring. C. A. Lunn. 2,058,896; Oct. 27.
- Atmospheric conditions, Modifying room. J. H. O'Brien. 2,028,682; Jan. 21.
- Atmospheric conditions within an enclosure, Method and apparatus for controlling. A. E. Stacey, Jr., and S. E. Lyman. 2,055,988; Sept. 29.
- Atomizer. M. G. Andersen. 2,046,232; June 30.
- Atomizer. W. R. Brown. 2,064,726; Dec. 15.
- Atomizer. C. C. Daggett. 2,060,285; Nov. 10.
- Atomizer. I. Florman. 2,035,599; Mar. 31.
- Atomizer. F. W. Lohse. 2,034,660; Mar. 17.
- Atomizer. K. L. Martin. 2,044,091; June 16.
- Atomizer. H. F. R. Ray-Engleheart. 2,062,507; Dec. 1.
- Atomizer. J. L. Taylor. 2,063,709; Dec. 8.
- Atomizer, Pocket. Holtzman, J. 2,062,311; Dec. 1.
- Atomizer, Pocket nose and throat. R. Modica. 2,034,113; Mar. 17.
- Atomizer, Wide range mechanical. R. C. Vroom and E. G. Peterson. 2,037,645; Apr. 14.
- Atomizers. G. de Maubanc. 2,034,089; Mar. 17.
- Atomizing device for internal combustion engines. D. L. Coveyow. 2,054,070; Sept. 15.
- Attachable washer. S. K. Hoffman. 2,058,452; Oct. 27.
- Attaching device. C. A. Flood. 2,063,155; Dec. 8.
- Attaching device for tubular conduits and the like. C. L. Wray. 2,058,752; Oct. 27.
- Attaching machine. W. O. Hansen and M. L. Bowen. 2,048,930; July 28.



- Attaching means for tube machine closures. E. T. Meehan. 2,057,043; Oct. 13.
- Attaching snap fastener. B. C. Place. 2,032,499; Mar. 3.
- Attachment for closing devices. S. M. Bishop. 2,028,269; Jan. 21.
- Attachment for heating apparatus. A. H. Senner. 2,060,348; Nov. 10.
- Attachment for oversize forms. G. A. Rutkoskie and N. S. Welk. 2,061,408; Nov. 17.
- Attachment for potato planting machines. T. E. Walker. 2,053,410; Sept. 8.
- Attachment for road graders. G. C. Dillard. 2,050,282; Aug. 11.
- Attachment for sadiron handles. M. Laskin. 2,060,225; Nov. 10.
- Attachment for shipper lock and handle for looms. J. T. Davis. 2,054,741; Sept. 15.
- Attachment for spudding and drilling machines. W. J. Edwards. 2,030,692; Feb. 11.
- Attachment for wash suits. M. Tartikoff. 2,059,826; Nov. 3.
- Attachment plug. A. L. Becket. 2,053,060; Sept. 1.
- Attachment plug. H. A. Doherty. 2,054,497; Sept. 15.
- Attachment plug. B. F. Muldoon. 2,053,347; Sept. 8.
- Attachment plug receptacle. G. E. Fitzgerald. 2,032,980; Mar. 3.
- Attachment plug receptacle. G. A. Johnson. 2,049,381; July 28.
- Attachment plug, Rubber covered. H. B. White. 2,032,780; Mar. 3.
- Attitude indicator for aircraft. P. R. Bassett and E. A. Sperry, Jr. 2,038,531; Apr. 28.
- Auction recording device. A. H. Bjorlee. 2,058,660; Oct. 27.
- Audible electric signal. C. Ignell. 2,029,720; Feb. 4.
- Audible road signal. E. J. Morin. 2,059,958; Nov. 3.
- Audio frequency limiting device. J. H. Hammond, Jr. 2,042,989; June 2.
- Audio frequency regenerator in a musical instrument. J. H. Hammond, Jr. 2,038,995; Apr. 28.
- Audiometer. J. F. Coyne. 2,052,167; Aug. 25.
- Audion arrangement for short wave television purposes. K. Schlesinger. 2,029,640; Feb. 4.
- Audion tester. E. T. Flewelling. 2,042,251; May 26.
- Auger bit. J. W. Caldwell. 2,035,298; Mar. 24.
- Auger bit. H. M. Swain. 2,029,447; Feb. 4.
- Auger, Ice. A. V. Carlson. 2,057,365; Oct. 13.
- Auger, Rock and coal. D. R. Richardson. 2,045,725; June 30.
- Auger, Square. C. B. Segovia. 2,043,778; June 9.
- Au, pt, pd, se, te, and as by means of mercurous salts, Separation and recovery of. G. G. Pierson. 2,044,366; June 16.
- Aural flying. L. de Florez. 2,051,827; Aug. 25.
- Auto brake. F. Bentz. 2,046,316; July 7.
- Auto hood fastener. F. E. Barber and R. H. Davis. 2,058,302; Nov. 3.
- Auto signal, Manual turn. A. N. Andrews. 2,056,500; Oct. 6.
- Auto top. J. A. Olivier. 2,046,574; July 7.
- Auto top material. R. Morgan. 2,062,469; Dec. 1.
- Auto trailer. E. P. Golden. 2,032,697; Mar. 3.
- Auto wheel jack. G. J. Nash and W. C. Krauss. 2,059,138; Oct. 27.
- Autoball and armored ball. A. J. Richardson. 2,035,192; Mar. 24.
- Autogenous welding and cutting machine. A. Schmidt. 2,035,765; Mar. 31.
- Autograph register. W. R. Wright. 2,036,668; Apr. 7.
- Autographic recording apparatus. W. Hartwig. 2,035,316; Mar. 24.
- Autographic register. B. A. Schroeder. 2,033,742; Mar. 10.
- Automatic backwater valve. F. B. Mingus and W. R. Meyer. 2,062,423; Dec. 1.
- Automatic balancing regulator, Manually controlled. H. A. McFarland. 2,033,842; Mar. 10.
- Automatic beverage valve. A. W. Glenk. 2,060,567; Nov. 10.
- Automatic brake. E. C. Kiekhaefer. 2,059,244; Nov. 3.
- Automatic brake. A. L. Still. 2,031,186; Feb. 18.
- Automatic clutch. K. E. Lyman. 2,029,538; Feb. 4.
- Automatic clutch. K. E. Lyman. 2,055,177-8; Sept. 22.
- Automatic control device. C. A. Otto. 2,064,175; Dec. 15.
- Automatic control valve. H. Harrah. 2,059,104; Oct. 27.
- Automatic control valve. J. W. Taylor. 2,054,916; Sept. 22.
- Automatic cutter. J. Kruttschnitt. 2,059,368; Nov. 3.
- Automatic farm gate. E. A. Bigler. 2,062,738; Dec. 1.
- Automatic flashing lamp. P. A. Nothstine. 2,044,256; June 16.
- Automatic grain meter. A. Létreux. 2,045,193; June 23.
- Automatic integrating control, System of. A. S. Reynolds. 2,062,251; Nov. 24.
- Automatic kick-off device. J. J. Barton and A. C. Clouse. 2,057,131; Oct. 13.
- Automatic lift valve. C. E. Powell, J. W. Force, and F. W. Ofeldt. 2,064,765; Dec. 15.
- Automatic lubricator. J. Bijur. 2,043,826; June 9.
- Automatic machine. J. Verderber and E. F. Batterman. 2,041,309; May 19.
- Automatic mechanism for frame embroidery machines. A. A. Bohmann and K. G. Scheibel. 2,050,780; Aug. 11.
- Automatic parking brake. C. G. Peabody and R. W. Roberts. 2,031,062; Feb. 18.
- Automatic projector lamp. T. O. Hall. 2,065,891; Dec. 29.
- Automatic punch press. A. E. Caserta. 2,064,731; Dec. 15.
- Automatic reel. F. M. Littell. 2,058,329; Oct. 20.
- Automatic regulator. J. H. Reineke. 2,055,087; Sept. 22.
- Automatic release valve. J. A. Sharp. 2,028,693; Jan. 21.
- Automatic reverse brake. A. Lesti. 2,038,663; Apr. 28.
- Automatic safety switch. W. M. Gardner. 2,064,827; Dec. 22.
- Automatic safety valve. R. M. De Lawter. 2,050,562; Aug. 11.
- Automatic valve. J. S. Brittingham. 2,052,275; Aug. 25.
- Automatic valve. F. A. Gauger. 2,051,294; Aug. 18.
- Automatic valve. A. I. Logette and E. H. Dainton. 2,028,938; Jan. 28.
- Automatic valve. J. J. Murphy. 2,051,147; Aug. 18.
- Automatic valve. L. L. Scott. 2,040,342; May 12.
- Automatic gradual clutch. A. Galante. 2,043,322; June 9.
- Automobile. F. B. Bergholt. 2,028,184; Jan. 21.
- Automobile. C. Breer. 2,041,522; May 19.
- Automobile. J. Haltenberger. 2,032,876; Mar. 3.
- Automobile. L. B. Lent. 2,038,581; Apr. 28.
- Automobile. E. T. Turner. 2,046,042; June 30.
- Automobile accessory. S. Faith and S. Klasstorner. 2,026,779; Jan. 7.
- Automobile accessory. A. C. Fischer. 2,060,062; Nov. 10.
- Automobile back-rolling device. L. H. Browne. 2,038,984; Apr. 28.
- Automobile body. P. Aliano. 2,027,141; Jan. 7.
- Automobile body. H. A. MacFarlane. 2,039,233; Apr. 28.
- Automobile body. H. B. Van Sinderen. 2,033,793; Mar. 10.
- Automobile body. E. A. Wright. 2,061,788; Nov. 24.
- Automobile body, Convertible. L. Nasarevich. 2,057,907; Oct. 20.
- Automobile body structure, Juvenile. H. L. Kreeft. 2,036,813; Apr. 7.
- Automobile body ventilating system. W. E. Guyot. 2,049,701; Aug. 4.
- Automobile brake. E. G. Carroll. 2,060,853; Nov. 17.
- Automobile brake. M. Johnson. 2,063,440; Dec. 8.
- Automobile brake. N. M. Lower. 2,039,095; Apr. 28.
- Automobile brake, Automatic. C. F. Hahn. 2,028,205; Jan. 21.
- Automobile brake, Semiautomatic nonbacking. O. B. Hunt. 2,026,896; Jan. 7.
- Automobile bus. G. Weiss and A. Avalione. 2,046,859; July 7.
- Automobile chassis construction. H. Ford. 2,065,065; Dec. 22.
- Automobile closure. R. E. Marine. 2,049,464; Aug. 4.
- Automobile control apparatus. J. B. Dyer. 2,048,853; July 28.
- Automobile control device. A. B. Althouse. 2,042,202; May 26.
- Automobile control device. J. W. Tong and C. O. Thompson. 2,045,169; June 23.
- Automobile control mechanism. R. Harroun. 2,060,731; Nov. 10.
- Automobile control mechanism. E. H. Lange. 2,037,800; Apr. 21.
- Automobile cooling system cleaner. H. W. Melchers. 2,053,199; Sept. 1.
- Automobile cover. J. H. Mosgoffian. 2,048,461; July 21.
- Automobile crashproof safety device. J. T. Zinkowetsky. 2,047,723; July 14.
- Automobile delivery body structure. P. F. and D. C. Wendel. 2,058,117; Oct. 20.
- Automobile direction indicator. R. Atti. 2,047,541; July 14.
- Automobile distress signal. C. F. De Lannoy. 2,041,325; May 19.
- Automobile door hinge. E. B. G. Lefevre. 2,045,955; June 30.
- Automobile door lock. G. Halinka. 2,055,688; Sept. 29.
- Automobile driving control, Centralized. D. Cook. 2,063,793; Dec. 8.
- Automobile fenders and similar materials for melting furnaces, Preparing discarded. C. M. Gregg. 2,059,229; Nov. 3.
- Automobile frame. D. W. Sherman. 2,026,658; Jan. 7.
- Automobile frame. D. W. Sherman. 2,052,535; Aug. 25.
- Automobile generator regulator. H. A. Chubbuck. 2,037,118; Apr. 14.
- Automobile heater. W. R. Fox. 2,037,857; Apr. 21.
- Automobile heater. C. M. Francisco and C. P. Roberts. 2,062,509; Dec. 1.
- Automobile heater. R. B. Otwell. 2,063,825; Dec. 8.
- Automobile heater. A. V. Pellet. 2,035,020; Mar. 24.
- Automobile heater. F. M. Young. 2,048,910; July 28.
- Automobile heater. G. H. Zeni. 2,058,116; Oct. 20.
- Automobile heating and defrosting apparatus. C. J. Benolken. 2,045,826; June 30.
- Automobile hold-down device. K. J. Tobin. 2,046,855; July 7.
- Automobile hood fastener. G. D. Ritchie. 2,037,866; Apr. 21.
- Automobile insulation and floor board. C. I. Justheim. 2,029,024; Jan. 28.
- Automobile jack. F. F. Weller. 2,043,820; June 9.
- Automobile jack. C. A. Wickliffe. 2,056,116; Sept. 29.
- Automobile lamp. R. W. Johnson. 2,035,432; Mar. 24.
- Automobile lifting jack. H. H. Harris. 2,048,264; July 21.



- Automobile lifting mechanism. L. C. Perkins. 2,060,344; Nov. 10.
- Automobile lock. W. W. Braren. 2,031,523; Feb. 18.
- Automobile lock. O. S. Hershey. 2,032,802; Mar. 3.
- Automobile lock structure. F. A. Smith. 2,036,370; Apr. 7.
- Automobile panel and arm rest assembly, Combined. F. L. Chadwick. 2,042,587; June 2.
- Automobile power take-off mechanism. H. N. White. 2,031,399; Feb. 18.
- Automobile reverse movement control. L. H. Browne. 2,038,983; Apr. 28.
- Automobile reverse movement control. L. H. Browne. 2,038,985; Apr. 28.
- Automobile rim. F. J. Hoyer. 2,032,987; Mar. 3.
- Automobile safety device. D. F. Anguish and I. W. Folk. 2,056,150; Oct. 6.
- Automobile safety device. P. N. Peters. 2,044,183; June 16.
- Automobile sanding device. J. S. Feins. 2,036,030; Mar. 31.
- Automobile screen. O. M. Finley. 2,041,998; May 26.
- Automobile screen. A. Kress. 2,035,079; Mar. 24.
- Automobile service lift. T. A. Martin. 2,061,975; Nov. 24.
- Automobile side wing. E. E. Woodward. 2,041,804; May 26.
- Automobile signal. J. P. Hanson. 2,047,469; July 14.
- Automobile signal. W. H. Harder. 2,046,377; July 7.
- Automobile signal. W. A. Moffat. 2,030,757; Feb. 11.
- Automobile signal. A. I. Pye. 2,058,176; Oct. 20.
- Automobile signal light. H. Redman. 2,062,932; Dec. 1.
- Automobile signal switch. E. T. Condon. 2,054,808; Sept. 22.
- Automobile spring, Pneumatic. H. D. Smith. 2,031,862; Feb. 25.
- Automobile storage device. E. M. Wheelock. 2,047,347; July 14.
- Automobile support, Flexible. O. A. Larsen. 2,047,971; July 21.
- Automobile supporting structure. K. J. Tobin. 2,046,856; July 7.
- Automobile suspending means. K. J. Tobin. 2,035,772; Mar. 31.
- Automobile suspension system. M. Olley. 2,041,947; May 26.
- Automobile suspension system. F. W. Slack. 2,063,704; Dec. 8.
- Automobile, Three wheeled. J. R. Jones. 2,038,843; Apr. 28.
- Automobile tire chain. F. Aloe. 2,063,535; Dec. 8.
- Automobile top and operating means therefor. E. Deutsch and E. Werner. 2,045,344; June 23.
- Automobile transmission. F. W. Kennedy. 2,060,220; Nov. 10.
- Automobile transport. I. H. Judd. 2,028,547; Jan. 21.
- Automobile ventilation. L. H. Gillette. 2,039,403; May 5.
- Automobile wheel. B. B. Bradford. 2,037,615; Apr. 14.
- Automobile wrecking crane. K. Ferrier. 2,032,654; Mar. 3.
- Automobiles, Attachment for. J. Fischer. 2,057,611; Oct. 13.
- Automobiles, Attachment for. B. McC. Truitt. 2,034,965; Mar. 24.
- Automobiles, Transportation of. E. H. Perkins and H. E. Mills. 2,035,401; Mar. 24.
- Automobiles, Transportation of. E. H. Perkins and H. E. Mills. 2,051,417; Aug. 18.
- Automobiles, Transporting. K. J. Tobin. 2,038,014; Apr. 21.
- Automotive accessory. J. T. Whalen. 2,053,646; Sept. 8.
- Automotive body and frame. D. L. Minott. 2,029,735; Feb. 4.
- Autoplow. J. T. Mauldin. 2,034,628; Mar. 17.
- Auxiliary for highway guards. D. R. Waterman. 2,050,027; Aug. 4.
- Auxiliary power device for tractors. A. C. Lindgren. 2,057,649-50; Oct. 13.
- Auxiliary seat. A. B. Bell. 2,035,451; Mar. 31.
- Auxiliary wheel. A. D. Capehart. 2,057,607; Oct. 13.
- Auxiliary wheel. W. H. Lewis. 2,054,225; Sept. 15.
- Aviation training machine. L. L. Custer. 2,063,231; Dec. 8.
- Award dispensing machine. P. T. Hart and F. J. Glaser. 2,043,166; June 2.
- Awl and marker, Combination sewing. J. Severus. 2,060,349; Nov. 10.
- Awning. C. P. Fogh. 2,050,835; Aug. 11.
- Awning. S. C. Groeschel and A. G. Dawson. 2,046,680; July 7.
- Awning. C. B. Leffert. 2,060,582; Nov. 10.
- Awning and shutter, Combined. E. Bryant. 2,039,056; Apr. 28.
- Awning arm, Tensioned. H. C. Heiser. 2,038,045; Apr. 21.
- Awning construction, Curved front arm lateral arm. F. A. Anton. 2,038,258; Apr. 21.
- Awning, Folding. W. Muschel. 2,058,490; Oct. 27.
- Awning frame. E. Reukauf, Jr., and W. J. Stuber. 2,066,227; Dec. 29.
- Awning, Lateral arm. F. A. Anton. 2,038,259; Apr. 21.
- Awning, Metal. W. Schuck. 2,057,350; Oct. 13.
- Awning support. J. J. Col. 2,050,159; Aug. 4.
- Ax. H. A. Vaughan. 2,053,882; Sept. 8.
- Axle. L. D. Kay. 2,028,394; Jan. 21.
- Axle aligner, Vehicle. A. R. Le Moon. 2,041,660; May 19.
- Axle assembly for coaster wagons, Front. A. G. Korte. 2,036,150; Mar. 31.
- Axle assembly, Full floating. P. E. Baker. 2,052,524; Aug. 25.
- Axle attachment for motor vehicles, Auxiliary drive. R. Thornton. 2,047,088; July 7.
- Axle, Automobile front wheel drive. W. Selakosky. 2,041,572; May 19.
- Axle, Automotive driving. E. G. Boden. 2,037,961; Apr. 21.
- Axle bearing. V. A. Bary. 2,044,931; June 23.
- Axle bearing. V. A. Bary. 2,063,020; Dec. 8.
- Axle bearing, Lubricated. V. Bary. 2,060,793; Nov. 17.
- Axle bearing lubrication device. W. Lehmann. 2,030,644; Feb. 11.
- Axle bearing lubricator. W. C. Sanders. 2,052,897; Sept. 1.
- Axle burnishing machine. V. P. Schmidt. 2,053,009; Sept. 1.
- Axle construction. B. W. Keese. 2,064,262; Dec. 15.
- Axle construction. E. Lanto. 2,062,096; Nov. 24.
- Axle construction. C. Saurer. 2,061,985; Nov. 24.
- Axle construction, Rear. G. L. Rothrock. 2,061,009; Nov. 17.
- Axle, Differential. H. W. Alden. 2,056,881; Oct. 6.
- Axle drive mechanism. C. E. Stewart. 2,043,077; June 2.
- Axle driving construction. W. S. Austin. 2,031,584; Feb. 25.
- Axle extension, Tractor. A. Ronning and A. G. Ronning. 2,031,333; Feb. 18.
- Axle for automotive vehicles, Rear. J. Miesse. 2,043,185; June 2.
- Axle for vehicles. E. Bugatti. 2,039,210; Apr. 28.
- Axle for vehicles, Flexible. C. Opolo. 2,030,710; Feb. 11.
- Axle for vehicles, Front. T. M. Fraser. 2,061,231; Nov. 17.
- Axle gauge. R. J. Quigley. 2,059,654; Nov. 3.
- Axle generator drive. W. A. Brecht. 2,032,112; Feb. 25.
- Axle-generator drive. W. A. Brecht. 2,053,419; Sept. 8.
- Axle housing. H. L. Hexamer. 2,032,480; Mar. 3.
- Axle journal bearing. V. A. Bary. 2,059,167; Oct. 27.
- Axle journal lubricator, Railway. G. W. D. Leslie. 2,027,110; Jan. 7.
- Axle mechanism, Driving. M. B. Morgan. 2,043,006; June 2.
- Axle puller, Broken automobile. E. C. Turner. 2,053,980; Sept. 8.
- Axle restraint device. W. de Supinski. 2,037,564; Apr. 14.
- Axle, Roller bearing. T. V. Buckwalter. 2,031,818; Feb. 25.
- Axle, Roller bearing. T. V. Buckwalter. 2,040,802; May 12.
- Axle, Roller bearing. T. V. Buckwalter. 2,041,162; May 19.
- Axle, Roller bearing. C. L. Eastburg. 2,052,702; Sept. 1.
- Axle, Speed change. C. E. Starr. 2,056,303; Oct. 6.
- Axle, Spring. G. N. Knox. 2,031,537; Feb. 18.
- Axle steering gear, Resilient. C. Opolo. 2,047,287; July 14.
- Axle, Trussed trailer. C. T. Hutchens and V. V. Anderson. 2,028,127; Jan. 14.
- Axle, Tubular. B. H. Urschel. 2,040,577; May 12.
- Axle unit. A. P. Armington. 2,027,218; Jan. 7.
- Axle unit, Driving and steering. A. P. Armington. 2,047,050; July 7.
- Axle, Vehicle. L. D. Kay. 2,044,389; June 16.
- Axle with leaf spring suspension, Divided. C. Opolo. 2,062,012; Nov. 24.
- Axles and truing the wheels of automobiles, Apparatus for straightening. M. S. Merrill. 2,042,856; June 2.
- Axminster loom. W. W. Robertson. 2,057,394; Oct. 13.
- Axminster loom. W. W. Robertson. 2,065,747; Dec. 29.
- Azeotropic distillation, Process of operation for. J. J. Gordon. 2,049,441; Aug. 4.
- Azimuth circle. B. M. Green. 2,059,944; Nov. 3.
- Azimuth determination method. J. E. Owen. 2,036,824; Apr. 7.
- Azo-dyes. H. Rohrbach. 2,055,050; Sept. 22.
- Azo dyes and their preparation. C. K. Black. 2,049,286; July 28.
- Azo-dyestuff. G. Bonhôte. 2,027,897; Jan. 14.
- Azodyestuff. C. Taube and J. Hilger. 2,026,920; Jan. 7.
- Azo-dyestuff, Blue. G. Bonhôte. 2,027,764; Jan. 14.
- Azodyestuffs. F. Ballau. 2,055,741; Sept. 29.
- Azo-dyestuffs. G. Bonhôte. 2,060,163; Nov. 10.
- Azo-dyestuffs. G. Bonhôte and C. Apotheker. 2,065,639; Dec. 29.
- Azo-dyestuffs. F. Felix and W. Huber. 2,045,323-4; June 23.
- Azo-dyestuffs. F. Felix and W. Huber. 2,053,817; Sept. 8.
- Azo-dyestuffs. J. Gyr and O. Kaiser. 2,041,829; May 26.
- Azodyestuffs. J. S. Petrus-Blumberger. 2,029,555; Feb. 4.
- Azodyestuffs. H. Schindhelm and C. T. Schultis. 2,029,591; Feb. 4.
- Azo-dyestuffs and fiber dyed therewith, Water-insoluble. O. Haller. 2,049,007; July 28.
- Azo-dyestuffs and fiber dyed therewith, Water-insoluble. L. Laska, A. Zitscher, and W. Seidenfaden. 2,038,081; Apr. 21.



- Azodyestuffs and intermediate products therefor. C. Taube. 2,054,397; Sept. 15.
- Azodyestuffs and intermediate products therefor. C. Taube and E. Tietze. 2,049,674; Aug. 4.
- Azo-dyestuffs and making same. W. Anderau. 2,050,913; Aug. 11.
- Azo-dyestuffs and making same. G. Bonhôte and J. Danuser. 2,047,574; July 14.
- Azo-dyestuffs and making same. F. Felix and W. Huber. 2,053,818; Sept. 8.
- Azo-dyestuffs and making same. H. Schindhelm, R. Gast and R. Fleischbauer. 2,056,539; Oct. 6.
- Azodyestuffs and making same, Substantive. H. Schindhelm. 2,044,891; June 23.
- Azo-dyestuffs and making the same. G. Bonhôte and C. Apotheker. 2,041,455; May 19.
- Azo-dyestuffs and their manufacture. A. Krebsner. 2,052,477; Aug. 25.
- Azodyestuffs and their production. D. Delfs. 2,030,355; Feb. 11.
- Azodyestuffs and their production. W. E. Kemmerich. 2,061,159; Nov. 17.
- Azodyestuffs and their production, Metallizable. G. Kopp. 2,038,942; Apr. 28.
- Azodyestuffs, Blue dyeing. G. Bonhôte and C. Apotheker. 2,032,111; Feb. 25.
- Azodyestuffs, Chromiferous. H. Schweitzer. 2,038,859; Apr. 28.
- Azodyestuffs containing chromium. R. Stüsser. 2,054,489; Sept. 15.
- Azo-dyestuffs containing chromium and preparing them. E. Fischer. 2,040,368; May 12.
- Azodyestuffs containing chromium and preparing them. E. Fischer. 2,060,563; Nov. 10.
- Azodyestuffs containing copper in a complex form. D. Delfs, R. Knoche, E. Messmer, and H. Clingstein. 2,051,133; Aug. 18.
- Azodyestuffs derived from benzocarbazoles, Waterinsoluble. W. Neelmeier and H. Morschel. 2,028,469; Jan. 21.
- Azodyestuffs derived from dihydrobenzocarbazoles, Water insoluble. W. Neelmeier, H. Morschell and O. Goll. 2,054,829; Sept. 22.
- Azo-dyestuffs for dyeing leather. J. Gyr. 2,039,898; May 5.
- Azodyestuffs, Green. K. Stenger and C. E. Müller. 2,057,455; Oct. 13.
- Azo-dyestuffs insensible in the dyebath towards hard water. J. Gyr and O. Kaiser. 2,046,452; July 7.
- Azodyestuffs insoluble in water and fiber dyed therewith. L. Laska and A. Zitscher. 2,047,515; July 14.
- Azo-dyestuffs, Water-insoluble. G. Bonhôte and J. Danuser. 2,055,169; Sept. 22.
- Azo-dyestuffs, Water-insoluble. E. Fischer. 2,058,222; Oct. 20.
- Azodyestuffs, Waterinsoluble. H. Morschel. 2,034,054; Mar. 17.
- Azodyestuffs, Waterinsoluble. F. Muth. 2,026,908; Jan. 7.
- Azodyestuffs, Water-insoluble. F. Muth. 2,032,627; Mar. 3.
- Azodyestuffs, Water insoluble. G. Schrader and W. Zerweck. 2,030,327; Feb. 11.
- Azodyestuffs, Waterinsoluble. R. Stüsser. 2,028,480; Jan. 21.
- Baby-garment or nightshirt with a safety device. E. Kiens. 2,044,390; June 16.
- Baby shoe protector. P. W. Brennan. 2,053,813; Sept. 8.
- Backfire stop. D. L. Wertz. 2,033,364; Mar. 10.
- Backfire stop. M. P. Whitney. 2,033,565; Mar. 10.
- Back for a seat, Cushioned. I. A., and H. Singer. 2,060,449; Nov. 10.
- Back lash and wear take-up for gears. J. L. Spence, Jr. 2,061,684; Nov. 24.
- Back panel for loose leaf books, Decorated. F. S. Schade. 2,051,907; Aug. 25.
- Backplate for telephone sets. G. A. Long. 2,033,773; Mar. 10.
- Back rest. K. Okano. 2,059,597; Nov. 3.
- Back rest. A. M. Schoenhoff. 2,059,493; Nov. 3.
- Back rest or support for a chair, seat, or the like. A. H. Gabb. 2,043,433; June 9.
- Back roll support and tension device for gill boxes. J. V. Roddy. 2,034,634; Mar. 17.
- Backstop, Automatic safety. V. E. Moody. 2,037,198; Apr. 14.
- Backing for composition friction elements. R. E. Spokes. 2,052,808; Sept. 1.
- Backing for floor coverings and the like, Flexible. S. C. Clark, H. M. Pryale, and D. R. Cotterman. 2,052,605; Sept. 1.
- Backing roll chuck latch. H. H. Talbot. 2,042,872; June 2.
- Backing roll for sheet or pack rolling mills. A. Paterson. 2,040,400; May 12.
- Bacon press. J. Bech. 2,043,366; June 9.
- Bacon-straightening device. L. De Moss. 2,060,559; Nov. 10.
- Badge. F. C. Collins. 2,035,789; Mar. 31.
- Baffle for air-cooled cylinders. R. Chilton. 2,057,010; Oct. 13.
- Baffle for corn huskers and shredders, Winged swinging. T. H. Oppenheim. 2,065,863; Dec. 29.
- Baffle plate and radiant for gas heaters. P. J. Sonner. 2,047,751; July 14.
- Bag: See—
- Airtight bag. Lady's hand bag.
- Coal bag. Laundry bag.
- Colostomy bag. Liquid bag.
- Display bag. Moistureproof bag.
- Fertilizer bag. Paraffin bag.
- Fumigating storage bag. Parcel bag.
- Garment bag. Refuse bag.
- Golf bag. Seep-proof bag.
- Hand bag. Sleeping bag.
- Handled shopping bag. Traveling bag.
- Hat bag. Vacuum cleaner dust bag.
- Ice bag. Valve bag.
- Infant's sleeping bag. Water bag.
- Inflatable repair bag.
- Bag. C. V. Brady. 2,046,146; June 30.
- Bag. T. E. Coty. 2,038,544; Apr. 28.
- Bag. L. A. Egler. 2,061,302; Nov. 17.
- Bag. J. H. Gordon. 2,055,657; Sept. 29.
- Bag. A. Potdevin. 2,056,804; Oct. 6.
- Bag. A. F. Reilly. 2,042,682; June 2.
- Bag and making same, Multiple compartment. G. W. Poppe. 2,047,745; July 14.
- Bag and making the same, Valve. T. E. Coty. 2,046,585; June 30.
- Bag and purse, Combined shopping. P. Niedorff and E. Manolesco. 2,038,952; Apr. 28.
- Bag closing machine. R. N. and L. A. Cundall. 2,066,032; Dec. 29.
- Bag closing machine. P. G. Schlemmer. 2,045,254; June 23.
- Bag closure. J. A. Finegan. 2,041,239; May 19.
- Bag closure. S. Rosen. 2,051,106; Aug. 18.
- Bag cover and stand, Hot water. H. E. Weaver. 2,031,197; Feb. 18.
- Bag emptying attachment, Dustless. E. G. Bender. 2,060,776; Nov. 10.
- Bag emptying device. G. S. Eldred. 2,041,401; May 19.
- Bag fastener. W. C. Hiering and F. W. Goerdes. 2,053,083; Sept. 1.
- Bag filling and handling mechanism. A. G. Carlson. 2,034,972; Mar. 24.
- Bag filling and weighing machine. A. Du Bois. 2,038,650; Apr. 28.
- Bag filling machine. A. Andreas. 2,060,011; Nov. 10.
- Bag filling machine. H. F. Briggs. 2,054,279; Sept. 15.
- Bag filling machine. W. M. McNeil. 2,029,733; Feb. 4.
- Bag filling machine. G. A. Witte. 2,052,996; Sept. 1.
- Bag filling machine. W. D. Wright. 2,027,261; Jan. 7.
- Bag for clothespins. J. F. Leonardson. 2,057,836; Oct. 20.
- Bag for golf-sticks and other stick-like articles, Self-supporting. H. T. Johnson. 2,045,147; June 23.
- Bag forming machine. H. Irmscher. 2,027,172; Jan. 7.
- Bag forming machine. D. Schmidt. 2,027,654; Jan. 14.
- Bag frame. F. W. Goerdes. 2,045,642; June 30.
- Bag frame. W. C. Hiering. 2,028,216; Jan. 21.
- Bag frame. W. C. Hiering. 2,036,476; Apr. 7.
- Bag frame. W. C. Hiering. 2,045,650; June 30.
- Bag frame fastener. W. C. Hiering. 2,032,055; Feb. 25.
- Bag frame fastener. W. C. Hiering and F. W. Goerdes. 2,061,907; Nov. 24.
- Bag-frame fastener. W. H. Zachman. 2,048,532; July 21.
- Bag frame fastener structure. G. S. Merk. 2,055,238; Sept. 22.
- Bag frame latch. W. C. Hiering. 2,032,056; Feb. 25.
- Bag holding device. J. J. Neuman. 2,064,848; Dec. 22.
- Bag machine. W. H. Engel. 2,057,295; Oct. 13.
- Bag machine attachment, Paper. A. Midboe. 2,032,709; Mar. 3.
- Bag machine, Universal. R. C. Betts. 2,054,406; Sept. 15.
- Bag making and filling machine. E. G. Jurgens and H. K. Becker. 2,027,434; Jan. 14.
- Bag making machine. L. Bischoff. 2,037,110; Apr. 14.
- Bag making machine. A. A. Scholl and A. Novick. 2,041,301; May 19.
- Bag opening machine. I. Shafer. 2,045,678; June 30.
- Bag or holder, Fish. O. Horn. 2,030,793; Feb. 11.
- Bag or sack. J. D. Cramer. 2,061,375; Nov. 17.
- Bag rack. C. E. Doolin. 2,031,147; Feb. 18.
- Bag sealing machinery. I. W. Litchfield. 2,030,067; Feb. 11.
- Bag sealing method and apparatus. J. A. Rosmait. 2,037,200; Apr. 14.
- Bag sewing apparatus. O. Weber and A. Oppermann. 2,051,117; Aug. 18.
- Bag sewing apparatus. E. Zimmermann. 2,065,413; Dec. 22.
- Bag sewing machine. O. Weber and A. Oppermann. 2,051,118; Aug. 18.
- Bag stapling machine. W. N. Baker, R. C. Hurrey, and R. N. Cundall. 2,062,439; Dec. 1.
- Bag structure. R. L. Galloway. 2,028,974; Jan. 28.
- Bag structure. F. T. Smith. 2,057,748; Oct. 20.
- Bag supporting device. W. E. Sharkey. 2,039,561; May 5.
- Bag tube and making same. T. O. Bancroft. 2,059,200; Nov. 3.
- Bag tube mechanism. G. W. Poppe. 2,036,883; Apr. 7.
- Bagasse, Macerating. W. D. Hymers. 2,061,196; Nov. 17.
- Baggage. A. Levine and Harry Kaufman. 2,028,339; Jan. 21.
- Baggage door lock. D. E. Austin. 2,053,547; Sept. 8.



- Baggage, Hand. L. H. Dyer. 2,030,359-60; Feb. 11.  
 Bags and wrappers, Apparatus for making window. R. S. Grant and A. A. Schlegel. 2,065,327; Dec. 22.  
 Bags and wrappers, Procedure and apparatus for making window. R. S. Grant and A. A. Schlegel. 2,031,580; Feb. 18.  
 Bags, Apparatus for filling. B. A. Hannewald and E. Ingstad. 2,031,708; Feb. 25.  
 Bags, Apparatus for making. J. Koenig. 2,044,476; June 16.  
 Bags, Apparatus for making. A. Potdevin. 2,054,833; Sept. 22.  
 Bags, Apparatus for making. A. Potdevin. 2,058,501; Oct. 27.  
 Bags, Making. A. Potdevin. 2,054,832; Sept. 22.  
 Bags, Making. A. Potdevin. 2,061,437-8; Nov. 17.  
 Bags, Making carry. G. W. Poppe. 2,033,997; Mar. 17.  
 Bags, Making compartment. G. W. Poppe. 2,040,953; May 19.  
 Bags, Making double. L. O. Sprosty. 2,043,782; June 9.  
 Bags, Making handled shopping. H. K. Steen. 2,060,451; Nov. 10.  
 Bags, Making sealed. H. Haskell. 2,062,265; Nov. 24.  
 Bags, Making stepped end. E. Hoppe. 2,055,030; Sept. 22.  
 Bags, Manufacture of. T. M. Royal. 2,029,340; Feb. 4.  
 Bags, Manufacture of. T. M. Royal. 2,051,903; Aug. 25.  
 Bags, Manufacture of cellophane. W. R. Howard. 2,027,643; Jan. 14.  
 Bags, Method and apparatus for making. W. E. Sharkey. 2,027,205; Jan. 7.  
 Bags, Method of and apparatus for making window. H. Smithwick and P. Halbo. 2,026,711; Jan. 7.  
 Bags, packets, envelopes, and the like, Manufacture of. T. Sargent and G. W. French. 2,054,486; Sept. 15.  
 Bags, Process and apparatus for making. A. C. and T. E. Coty. 2,053,263; Sept. 8.  
 Bags, Process and apparatus for sealing paper. J. A. Rosmait. 2,032,503; Mar. 3.  
 Bags, Process and machine for long lip. G. W. Poppe. 2,030,118; Feb. 11.  
 Baguette hook. N. T. Nelson. 2,061,041; Nov. 17.  
 Bail ear. E. W. Carroll. 2,038,826; Apr. 28.  
 Bailer. W. J. Flury. 2,051,521; Aug. 18.  
 Bailer. A. A. Melo. 2,041,720; May 26.  
 Bailer. E. R. Smith. 2,054,606; Sept. 15.  
 Bailer. W. Tarkington. 2,040,413; May 12.  
 Bailer, Cement. W. Creek. 2,054,314; Sept. 15.  
 Bailer, Doublesealed differential pressure. W. J. Flury. 2,054,766; Sept. 15.  
 Bailer for wells. H. Smith and W. A. Larson. 2,058,267; Oct. 20.  
 Bailer, Wall washing. W. J. Dunlap. 2,050,289; Aug. 11.  
 Bailer, Well. W. C. Erwin and C. H. Sweet. 2,059,629; Nov. 3.  
 Bailer with automatic discharge relief valve. W. J. Flury. 2,054,767; Sept. 15.  
 Bait and preparing the same, Pork rind. W. D. Stovall and J. W. Gale. 2,054,565; Sept. 15.  
 Bait, Artificial. A. Campbell. 2,054,407; Sept. 15.  
 Bait, Artificial. O. Christiansen. 2,047,768; July 14.  
 Bait, Artificial. F. Courtland. 2,050,877; Aug. 11.  
 Bait, Artificial. A. S. Haislip. 2,055,841; Sept. 29.  
 Bait, Artificial. H. Kalyu. 2,044,702; June 16.  
 Bait, Artificial. C. G. Malecek. 2,036,946; Apr. 7.  
 Bait, Artificial. W. L. Sorenson. 2,027,069; Jan. 7.  
 Bait, Artificial. K. L. Steen. 2,039,039; Apr. 28.  
 Bait, Artificial. L. Tengal. 2,032,819; Mar. 3.  
 Bait, Artificial mouse. W. O. Derry, Sr. 2,043,609; June 9.  
 Bait box. F. H. Dormire. 2,051,136; Aug. 18.  
 Bait, Fishing. I. J. Cronin. 2,038,829; Apr. 28.  
 Bait or lure, Fish. G. A. Lambrecht. 2,043,001; June 2.  
 Bakepan unit. E. Chandonia. 2,037,759; Apr. 21.  
 Bakepan unit, Reinforced. A. Prabel. 2,037,821; Apr. 21.  
 Baked goods and making the same. V. M. Votaw and H. S. Coith. 2,061,121; Nov. 17.  
 Baked goods for diabetics, Making. K. Wille and E. Fritsch. 2,043,139; June 2.  
 Baker goods, Manufacture of. A. Schultz and C. N. Frey. 2,032,442; Mar. 3.  
 Bakery product. J. Kremer. 2,054,756; Sept. 15.  
 Bakery products, Art of and machine for slicing. O. F. Rohwedder. 2,061,315; Nov. 17.  
 Baking powder. H. B. Rathbun. 2,062,039; Nov. 24.  
 Baking process. D. A. Garrett. 2,061,149; Nov. 17.  
 Balance or weighing scale. C. A. Becker. 2,040,639; May 12.  
 Balanced automatic valve. E. Rawson. 2,029,505; Feb. 4.  
 Balanced pressure regulator. C. B. McElwaine. 2,042,906; June 2.  
 Balanced throttle valve. O. Duda. 2,057,886; Oct. 20.  
 Balanced valve. F. C. Chadborn. 2,047,615; July 14.  
 Balancer for vehicle wheels, Adjustable. J. W. Hume. 2,036,757; Apr. 7.  
 Balancing apparatus. H. B. Gibbons and R. C. Hoff. 2,058,784; Oct. 27.  
 Balancing apparatus for golf clubs and the like. W. Ogg and L. A. Storz. 2,062,673; Dec. 1.  
 Balancing machine. C. H. Havill. 2,043,618; June 9.  
 Balancing machine. E. S. Huff. 2,057,778; Oct. 20.  
 Balancing machine. A. Lebert. 2,026,688; Jan. 7.  
 Balancing machine. J. Lungren. 2,041,771; May 26.  
 Balancing means for rectifiers. C. A. Sabbah. 2,044,593; June 16.  
 Balancing means for spinning machines. E. Kinsella and C. W. Addy. 2,064,920; Dec. 22.  
 Bale tie. E. F. W. Keihl, Jr. 2,032,285; Feb. 25.  
 Baler and mower, Combination. L. R. and G. L. Tallman. 2,055,677; Sept. 29.  
 Baler, Combine. L. R. Tallman and C. L. Tallman. 2,038,809; Apr. 28.  
 Baler, Hay. W. Harris. 2,050,947; Aug. 11.  
 Baling apparatus. G. Innes. 2,030,031; Feb. 4.  
 Baling press. A. C. Butfield and R. W. Muller. 2,029,984; Feb. 4.  
 Baling press. W. F. MacGregor. 2,042,612; June 2.  
 Baling press. A. E. Modrell. 2,034,953; Mar. 24.  
 Ball and making same. J. F. Walsh. 2,050,402; Aug. 11.  
 Ball and socket adjustable mold jacket. C. H. Bester. 2,050,778; Aug. 11.  
 Ball and socket bearing. C. L. Henry. 2,053,790; Sept. 8.  
 Ball bearing. R. Annen. 2,028,964; Jan. 28.  
 Ball bearing. W. F. Smith. 2,038,009-10; Apr. 21.  
 Ball-bearing for scientific instruments. H. Heine. 2,028,718; Jan. 21.  
 Ball bearing joint. G. H. Hufferd. 2,065,589; Dec. 29.  
 Ball bearing joint. J. J. McCann. 2,037,992; Apr. 21.  
 Ball bearing structure. S. Munson. 2,057,391; Oct. 13.  
 Ball carrier or similar article, Knitting. M. C. Meyer. 2,066,155; Dec. 29.  
 Ball-check valve. F. W. Edwards. 2,042,216; May 26.  
 Ball-club carrier. L. S. Kronthal. 2,064,433; Dec. 15.  
 Ball crank engine. T. M. Berry. 2,056,088; Sept. 29.  
 Ball, Flush tank. J. E. Walker. 2,035,626; Mar. 31.  
 Ball game, Pocket. J. S. Fritz. 2,042,984; June 2.  
 Ball, Golf. L. A. Young. 2,055,326; Sept. 22.  
 Ball, Inflatable. C. J. Crowley and P. S. Madsen. 2,044,836; June 23.  
 Ball, Play. J. H. Grady. 2,060,987; Nov. 17.  
 Ball, Playing. H. T. Winterbauer. 2,061,604; Nov. 24.  
 Ball practice device, Golf. L. I. Clark. 2,039,683; May 5.  
 Ball retriever. I. MacDonald. 2,027,546; Jan. 14.  
 Ball rolling game. A. S. Moorman. 2,027,244; Jan. 7.  
 Ball rolling machine. F. H. G. Brandt and B. B. Bockting. 2,048,917; July 28.  
 Ball scrubber, Golf. G. A. Brillhart. 2,031,633; Feb. 25.  
 Ball swivel union, Angular. A. J. Coutu. 2,031,878; Feb. 25.  
 Ball table. J. McLoughlin. 2,044,177; June 16.  
 Ball-tassels, Method of and apparatus for making. J. G. Smith. 2,033,655; Mar. 10.  
 Ball winding machine. H. Z. Cobb. 2,035,739; Mar. 31.  
 Balls and the like, Manufacture of golf. E. A. Murphy, D. F. Twiss, and R. G. James. 2,032,220; Feb. 25.  
 Balls, Apparatus for making golf. J. M. Oldham. 2,031,786; Feb. 25.  
 Balls, Apparatus for testing golf. P. E. Young. 2,058,201; Oct. 20.  
 Balls, Making leather. J. T. Riddell. 2,034,249; Mar. 17.  
 Balls, Method of and apparatus for holding and releasing bowling. H. K. Hess. 2,034,187; Mar. 17.  
 Balls, Production of play. D. F. Twiss and W. McCowan. 2,053,450; Sept. 8.  
 Balls, Production of play. D. F. Twiss and W. McCowan. 2,060,962; Nov. 17.  
 Balls with gases, Apparatus for treating. H. Willshaw, D. F. Twiss, S. N. Goodhall, and F. A. Jones. 2,045,429; June 23.  
 Ballast cleaning apparatus. W. S. Rugg and A. Palmros. 2,028,688; Jan. 21.  
 Ballast resistance. S. Hamada. 2,031,480; Feb. 18.  
 Ballast tamper. C. Jackson. 2,038,220; Apr. 21.  
 Ballast tamping machine. A. Scheuchzer. 2,052,943; Sept. 1.  
 Ballasting machine. G. J. Holt and W. Longevin. 2,052,468; Aug. 25.  
 Balloon envelope material and manufacturing the same. H. Strobl. 2,032,857; Mar. 3.  
 Ballot, Mechanical. D. Byrd. 2,065,425; Dec. 22.  
 Banana rack. J. Rakatzky. 2,038,903; Apr. 28.  
 Band. G. V. Casey. 2,054,408; Sept. 15.  
 Band about a package or the like, Forming a. C. B. Frost. 2,036,866; Apr. 7.  
 Band and belt for trousers, Combination waist. B. Hammer. 2,057,235; Oct. 13.  
 Band brake. P. M. Fromaget. 2,041,536; May 10.  
 Band brake. L. H. Pomeroy and A. V. Oliver. 2,066,308; Dec. 29.  
 Band, Brake and clutch. M. L. Fykse. 2,046,306; June 30.  
 Band construction for hats, Nonpervious sweat. A. C. Cason. 2,027,471; Jan. 14.  
 Band, Elastic rubber transmission. H. W. Catt. 2,059,207; Nov. 3.  
 Band for dental and other uses. M. Lebow. 2,035,135; Mar. 24.  
 Band for garments. H. Hardie. 2,043,538; June 9.  
 Band for V-belts, Slip-on. J. L. Sparling. 2,039,461; May 5.  
 Band for wearing apparel. H. Hardie. 2,065,936; Dec. 29.  
 Band, Molar. A. Richardson. 2,030,227; Feb. 11.  
 Band-pass filter. H. A. Wheeler. 2,064,775; Dec. 15.  
 Band, Sweat. J. G. Wintjen. 2,044,038; June 16.  
 Band, Waist. P. Alexandre. 2,063,886; Dec. 15.  
 Band, Wrist watch. C. J. Heileman. 2,065,581; Dec. 29.  
 Bandage, Antiseptic. E. Fetter. 2,064,898; Dec. 22.  
 Bandage, Catamenial. A. P. Jurgensen. 2,064,431; Dec. 15.



- Bandage making machine. H. F. Keller. 2,066,178; Dec. 29.
- Bandage, Sphygmomanometer. F. Cossor. 2,029,912; Feb. 4.
- Bandage, Surgical. K. Mienes. 2,053,728; Sept. 8.
- Banding and wrapping machine. F. X. Malocsay. 2,050,715; Aug. 11.
- Banding apparatus. G. F. McCahey. 2,051,097; Aug. 18.
- Banding machine. R. Peters. 2,062,425; Dec. 1.
- Bands, Apparatus and method of making and applying. J. Schmiedel. 2,065,029; Dec. 22.
- Bands around pens or pencils, Securing. I. Salz. 2,041,518; May 19.
- Bands for tire covers, Method and apparatus for rolling back. J. E. Blank and G. S. Adams. 2,043,792; June 9.
- Bands, threads, and the like, Manufacture of. W. Schulte. 2,039,263; Apr. 28.
- Bank and turn indicator. C. J. Crane and W. C. Ocker. 2,053,182; Sept. 1.
- Bank attachment, Savings. H. S. Goodman. 2,028,323; Jan. 21.
- Bank protecting device. C. J. Meunier and H. Bomboy. 2,031,543; Feb. 18.
- Bank protecting device. C. J. Meunier and H. Bomboy. 2,049,969; Aug. 4.
- Bank protecting device. C. J. Meunier and H. Bomboy. 2,053,624; Sept. 8.
- Bank protection. W. E. Cooper. 2,046,726; July 7.
- Bank protective apparatus. F. W. Dietman. 2,055,005; Sept. 22.
- Bank, Tri-coin register. J. Farber. 2,037,372; Apr. 14.
- Banking device for vehicles. J. Adaskin. 2,045,562; June 30.
- Bar: See—
- Binding and dividing bar. Claw bar.
- Book match bar. Grate-bar.
- Boring bar. Spring bar.
- Burning bar. Tone bar.
- Bus bar. Tow bar.
- Bar and hinge lug therefor, Binder. G. W. Newman. 2,041,203; May 19.
- Bar and making same, Wire. K. A. Lindner. 2,045,277; June 23.
- Bar and rack, Supporting. F. W. Schmidt. 2,041,376; May 19.
- Bar clamp for belts. J. G. Gibson. 2,029,162; Jan. 28.
- Bar cutter. C. W. Vogt. 2,058,046; Oct. 20.
- Bar for doors, Push and pull. E. R. Erickson. 2,048,735; July 28.
- Bar for Hawaiian steel guitars, Playing. S. Comons. 2,030,241; Feb. 11.
- Bar making process. J. S. Nicholas. 2,053,375; Sept. 8.
- Bar or spreader for cultivators, Adjustable. M. Anderson. 2,035,442; Mar. 31.
- Barrier, Safety. J. C. Brooks. 2,047,253; July 14.
- Barrier, Submarine. G. E. Elia. 2,056,570; Oct. 6.
- Bars, Jointing of muntin or cross. S. B. Dallas. 2,041,051; May 19.
- Bars, Rolling of rectangular. J. Scholl. 2,038,908; Apr. 28.
- Barbecue apparatus. M. J. Ebberts. 2,060,004; Nov. 10.
- Barbecue apparatus. H. T. Warner. 2,046,352; July 7.
- Barbecue machine. F. F. Thompson. 2,059,666; Nov. 3.
- Barbecuing apparatus. M. Lekometros. 2,039,541; May 5.
- Barber pole illumination. J. R. Emmert and A. H. Schwades. 2,041,909; May 26.
- Barbituric acid, 5-isopropyl-5-furomethyl. G. Hellner. 2,035,317; Mar. 24.
- Barge for transporting logs and the like. W. B. Fogh. 2,042,932; June 2.
- Barge, Grain stacking. W. L. M. Jones. 2,065,973; Dec. 29.
- Barge structure. A. J. Dawson. 2,054,410; Sept. 15.
- Barium fluosilicate. F. C. Carlson. 2,058,664; Oct. 27.
- Barium for introduction into electric discharge devices, Preparing metallic. E. Weigand. 2,030,670; Feb. 11.
- Barium salts and hydrogen peroxide, Making water soluble. F. Rüsberg. 2,031,180; Feb. 18.
- Barium sulphide and making sodium and zinc sulphides therewith, Conditioning. T. A. Mitchell and R. L. Sessions. 2,050,802; Aug. 11.
- Bark from timber by means of fluid jets, Method and apparatus for removing. K. J. Karlström. 2,038,658; Apr. 28.
- Barn, Tobacco. E. L. Briskley. 2,060,002; Nov. 10.
- Barometric device. P. H. Stanley. 2,041,028; May 19.
- Barrel. C. B. Arnold. 2,043,026; June 2.
- Barrel. G. C. Babcock. 2,048,667; July 28.
- Barrel. A. B. Bell. 2,046,498; July 7.
- Barrel. R. T. Lindell. 2,063,389; Dec. 8.
- Barrel. B. S. MacMillan. 2,039,817; May 5.
- Barrel. T. D. Perry. 2,050,461; Aug. 11.
- Barrel. C. H. Widman. 2,033,267-8; Mar. 10.
- Barrel and making the same, Beer. W. E. Coakley. 2,038,420; Apr. 21.
- Barrel, Beer. J. C. Mullen. 2,053,528; Sept. 8.
- Barrel, Beer. D. J. Reed. 2,057,347; Oct. 13.
- Barrel, Bilge. H. L. Hoyt. 2,037,025; Apr. 14.
- Barrel conditioning machine. F. W. Piché. 2,050,119; Aug. 4.
- Barrel for floating inner container, Metal. D. J. Reed. 2,057,346; Oct. 13.
- Barrel gauge construction. H. W. Lees and W. C. Grosser. 2,039,965; May 5.
- Barrel head fastener. G. H. Osgood. 2,031,729; Feb. 25.
- Barrel head lock and remover, Turpentine dip. L. Evans. 2,052,223; Aug. 25.
- Barrel jack. A. Larsen and G. W. Williams. 2,043,896; June 9.
- Barrel, Laminated metal. S. S. Battles. 2,043,694; June 9.
- Barrel, Laminated paper. J. A. Eden. 2,030,693; Feb. 11.
- Barrel making machine. W. B. Foreman. 2,061,355; Nov. 17.
- Barrel manufacturing machine, Combination wood. W. R. Anderson. 2,054,918; Sept. 22.
- Barrel, Metal. W. E. Coakley. 2,058,665; Oct. 27.
- Barrel, Metal. L. W. Evans. 2,052,817; Sept. 1.
- Barrel, Metal. C. Seitz. 2,040,275; May 12.
- Barrel, Metal. C. H. Widman. 2,063,571; Dec. 8.
- Barrel, Metallic. H. G. Woehler. 2,040,509; May 12.
- Barrel washing apparatus. F. G. Holland and J. Green. 2,059,351; Nov. 3.
- Barrel washing apparatus. C. J. Schroeder. 2,058,728; Oct. 27.
- Baseball and manufacturing same. E. A. Robinson. 2,062,147; Nov. 24.
- Baseball game. J. C. Mayer. 2,026,791; Jan. 7.
- Baseball pitching game device. F. A. Whiteley. 2,040,228; May 12.
- Baseball practice machine. B. Walther. 2,058,277; Oct. 20.
- Baseball scoring device. F. Marshall and R. M. Organ. 2,063,612; Dec. 8.
- Baseboard construction, Metallic. P. D. Peck and A. L. Lloyd. 2,052,033; Aug. 25.
- Baseboard construction, Metallic. P. D. Peck and A. L. Lloyd. 2,057,204; Oct. 13.
- Base for braiding machines, Convertible. S. B. Blaisdell. 2,045,515; June 23.
- Base for coating compositions. O. Jordan, L. Kollek, and H. Ufer. 2,054,019; Sept. 8.
- Base for electric discharge devices, Supporting. L. J. Buttolph. 2,056,157; Oct. 6.
- Base for highway flares. G. J. J. Clark. 2,049,407; July 28.
- Base for incandescent lamps and similar devices. W. J. Geiger and A. T. Gaskill. 2,047,023; July 7.
- Base for road joints, Transload. R. R. Robertson. 2,038,605; Apr. 28.
- Base for shoe stiffener parts or the like, Manufacture of impregnated fibrous. F. O. Woodruff. 2,063,649; Dec. 8.
- Base for the game of baseball. H. B. Latina. 2,046,126; June 30.
- Base for tubes, lamps, and the like. O. H. Biggs. 2,049,152; July 28.
- Base mechanism for mixing machines. P. J. Fitzgerald. 2,056,512; Oct. 6.
- Base, Metal catalyst. W. Sieck, Jr. 2,054,889; Sept. 22.
- Base receptacle, Molding and movable. W. G. Schaller. 2,039,982; May 5.
- Base, Resilient machinery. C. Hussman. 2,064,751; Dec. 15.
- Base screed, Wire carrying. G. A. Knapp. 2,036,054; Mar. 31.
- Bases derived from benz-dioxane, Manufacture of. E. Fournau. 2,056,046; Sept. 29.
- Basin, Automatic sanitary insert. G. V. Riley. 2,043,264; June 9.
- Basin holder. B. Henricksen. 2,034,868; Mar. 24.
- Basket. F. J. Adams. 2,050,911; Aug. 11.
- Basket. J. W. Meinhardt. 2,039,971; May 5.
- Basket. W. F. Patten. 2,064,493; Dec. 15.
- Basket and cover construction. G. E. Bomberger. 2,057,002; Oct. 13.
- Basket ball practice ring. E. S. Hayden. 2,039,794; May 5.
- Basket, Basketball. J. M. Guthrie. 2,061,152; Nov. 17.
- Basket bottom. E. A. Florang. 2,054,744; Sept. 15.
- Basket, Collapsible. R. B. Ahlmark and F. W. Young. 2,042,977; June 2.
- Basket, Collapsible. D. B. Gray. 2,030,204; Feb. 11.
- Basket construction. A. Hewson. 2,040,993; May 19.
- Basket cover. L. O. Rast. 2,055,670; Sept. 29.
- Basket, Crate. J. W. Stephenson. 2,050,591; Aug. 11.
- Basket, Easter. J. L. Westfall. 2,048,089; July 21.
- Basket fishing tool. H. Hanlon. 2,054,376; Sept. 15.
- Basket, Flexible. W. T. Kline. 2,036,723; Apr. 7.
- Basket for carburizing retorts. H. Klouman and L. H. Whiteside. 2,040,261; May 12.
- Basket for fruit or other fragile articles, Collapsible. F. W. Bennett. 2,033,995; Apr. 14.
- Basket, Fruit. H. E. Evans. 2,066,258; Dec. 29.
- Basket, Fruit. R. Guyer. 2,065,804; Dec. 29.
- Basket, Fruit. W. S. Luckett. 2,027,052; Jan. 7.
- Basket handle. A. H. Schmittke. 2,044,547; June 16.
- Basket handle. R. F. Stepbach. 2,034,065-6; Mar. 17.
- Basket making machine. W. F. Newhouse. 2,057,342; Oct. 13.
- Basket packing device, Fruit. J. S. Anderson. 2,033,504; Mar. 10.
- Basket web assembling machine. O. S. Hall. 2,026,783; Jan. 7.
- Best fiber roving, Drawing. E. Gminder. 2,049,905; Aug. 4.
- Best fibers, Purification of. G. R. Bencraft. 2,054,779; Sept. 15.
- Batch catcher, Spilled. C. H. Wise. 2,030,808; Feb. 11.



- Batch weights, Apparatus for proportioning and weighing. R. E. Robb. 2,044,017; June 16.
- Batcher, Weighing. H. E. McCrery. 2,046,693; July 7.
- Bath. M. E. Bentley. 2,066,088; Dec. 29.
- Bath apparatus. J. S. Belt. 2,053,984; Sept. 8.
- Bath apparatus. J. Fehn and B. Schmidt. 2,043,741; June 9.
- Bath apparatus, Shower. W. E. Sloan. 2,042,278; May 26.
- Bath appliance, Foot power. C. E. Brown. 2,033,023; Mar. 3.
- Bath, Ceramic. C. Mallet. 2,047,481; July 14.
- Bath, Constant temperature. C. S. Hornberger. 2,044,573; June 16.
- Bath for and process of electrodeposition of metal. J. Schulein. 2,063,760; Dec. 8.
- Bath, Portable. J. Lini. 2,033,040; Mar. 3.
- Bath, Portable shower. S. C. Peterson. 2,052,420; Aug. 25.
- Bath, Swimming. H. Rüber. 2,035,835; Mar. 31.
- Bathing implement. E. G. Schaefer. 2,035,014; Mar. 24.
- Bathing tank. S. J. Stanton. 2,058,188; Oct. 20.
- Bathroom accessory. N. DeMark. 2,039,065; Apr. 28.
- Bathtub. F. Additon. 2,058,284; Oct. 20.
- Bathtub. N. C. Davis. 2,030,687; Feb. 11.
- Bathtub. H. S. Deubelbeiss. 2,031,255; Feb. 18.
- Bathtub. H. S. Deubelbeiss. 2,055,173; Sept. 22.
- Bathtub. R. Mueller. 2,045,867; June 30.
- Bathtub. R. C. Troeger and J. C. Hermann. 2,054,146; Sept. 15.
- Bathtub appliance. O. Spiess. 2,045,110; June 23.
- Bathtub cover. A. M. Johnson. 2,028,454; Jan. 21.
- Bathtub safety device. J. B. Gillett. 2,056,849; Oct. 6.
- Bathtub safety grip and towel rack, Combined. R. Wiesjahn. 2,045,815; June 30.
- Bathtub seat. H. M. Higgins. 2,052,628; Sept. 1.
- Baths, Apparatus for producing sudoriferous vapor. J. Diena. 2,049,949; Aug. 4.
- Battery: See—
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|-----------------------------|-------------------------------|
| Electric battery.           | Secondary or storage battery. |
| Electrical storage battery. | Self-watering battery.        |
| Electric storage battery.   | Storage battery.              |
| Secondary battery.          |                               |
- Battery. G. W. Heise. 2,065,893; Dec. 29.
- Battery. W. B. Schulte. 2,042,806; June 2.
- Battery. H. G. Thompson and D. B. Hughes. 2,044,923; June 23.
- Battery and connection therefor, Storage. M. Lindem. 2,066,010; Dec. 29.
- Battery and generator indicator. W. D. Carr and H. E. Shirey. 2,064,460; Dec. 15.
- Battery and gravity indicating means, Storage. E. F. H. Grothe. 2,062,573; Nov. 24.
- Battery box. W. A. Arnesen. 2,058,755; Oct. 27.
- Battery box. D. Havas. 2,035,066; Mar. 24.
- Battery box and making same. L. W. Hottel. 2,045,950; June 30.
- Battery boxes, Manufacture of. W. F. Ray. 2,060,120; Nov. 10.
- Battery brooder, Outdoor. E. S. Winn. 2,056,814; Oct. 6.
- Battery cable grip, Solderless. C. E. Hoover. 2,043,512; June 9.
- Battery cell. E. A. Schumacher. 2,044,406; June 16.
- Battery cell extractor. W. G. Schuirmann. 2,046,490; July 7.
- Battery charging system. F. Benedict. 2,035,420; Mar. 24.
- Battery clamp. J. Slavins. 2,057,542; Oct. 13.
- Battery connector. G. J. Von Hagel. 2,034,843; Mar. 24.
- Battery connector, Storage. A. Rocheleau. 2,027,120; Jan. 7.
- Battery connection, Storage. G. G. Greger. 2,058,787; Oct. 27.
- Battery, Controlling the charge and discharge of a storage. E. L. Lord. 2,029,628; Feb. 4.
- Battery cover, Center post. J. V. Strough. 2,052,499; Aug. 25.
- Battery cut out and safety lock. L. M. Browder. 2,043,880; June 9.
- Battery electrolyte level indicator. A. L. Lepore. 2,056,578; Oct. 6.
- Battery filler. L. Edelmann. 2,052,344; Aug. 25.
- Battery filling apparatus. G. Wheat. 2,063,417; Dec. 8.
- Battery grid, Storage. C. J. Dunzweiler. 2,046,775; July 7.
- Battery holder. E. C. Scott. 2,031,508; Feb. 18.
- Battery laying cage and feed distribution therein. E. H. Raymond. 2,055,110; Sept. 22.
- Battery light. H. T. Kingsbury. 2,027,912; Jan. 14.
- Battery plate scrap, Reclamation of. A. M. Thomsen. 2,049,633; Aug. 4.
- Battery plates, Apparatus for setting storage. E. W. Smith and C. A. Hall. 2,062,193; Nov. 24.
- Battery reconditioner. L. M. Siemon. 2,036,547; Apr. 7.
- Battery stabilizer. C. E. Gordon. 2,029,658; Feb. 4.
- Battery terminal. O. O. Emery. 2,045,590; June 30.
- Battery terminal. T. H. McGrath. 2,027,646; Jan. 14.
- Battery terminal. E. Robinson. 2,050,123; Aug. 4.
- Battery terminal. W. G. Tenney. 2,039,669; May 5.
- Battery terminal and cable clamp. L. G. Farley. 2,050,566; Aug. 11.
- Battery terminal clamp. H. Eulberg. 2,040,250; May 12.
- Battery terminal clamp. J. K. Schaefer. 2,041,966; May 26.
- Battery terminal connector. B. F. W. Heyer. 2,050,321; Aug. 11.
- Battery terminal connector. J. M. Pulici. 2,043,557; June 9.
- Battery terminal connector. W. H. Wilson. 2,057,602; Oct. 13.
- Battery terminal connection. L. A. Sweet. 2,052,117; Aug. 26.
- Battery terminal post. H. W. Lormor. 2,031,378; Feb. 18.
- Battery terminal post structure, Storage. C. Ambruster. 2,059,506; Nov. 3.
- Battery terminal, Storage. L. R. Friend. 2,041,824; May 26.
- Battery tester. R. Simpson. 2,066,058; Dec. 29.
- Battery testing device. E. R. Talbot. 2,053,353; Sept. 8.
- Batteries, Apparatus for controlling the charge of storage. H. Mitchell. 2,060,743; Nov. 10.
- Batteries, Operation of storage. W. E. Dunn. 2,032,529; Mar. 3.
- Battleship and protector. F. Ruggieri. 2,062,252; Nov. 24.
- Beach case. Z. L. Bozin. 2,042,699; June 2.
- Beach chair. H. A. Freedman. 2,042,252; May 26.
- Beach chair. H. A. Freedman. 2,059,940; Nov. 3.
- Beach chair. A. H. Haberstump. 2,051,254; Aug. 18.
- Beach chair. F. H. Lassiter. 2,050,492; Aug. 11.
- Beach umbrella table. R. J. Knight. 2,039,805; May 5.
- Beacon. C. Whitman. 2,041,801; May 26.
- Beacon, Airway. F. R. House. 2,039,647; May 5.
- Beacon, Radio. J. M. Furnival and W. F. Bubb. 2,045,904; June 30.
- Bead construction for bumpers. B. M. Short. 2,054,838; Sept. 22.
- Bead loom. S. Wallach. 2,043,082; June 2.
- Bead wrapping machine. W. J. Breth. 2,039,627; May 5.
- Beam. F. Mossberg and R. V. Olson. 2,027,749; Jan. 14.
- Beam action stringer. A. C. Horner. 2,060,080; Nov. 10.
- Beam and method of manufacture, Prestressed. E. R. Dye. 2,039,398; May 5.
- Beam and the like for building construction. A. Rafter. 2,051,016; Aug. 11.
- Beam clamp. J. Pinaud and G. Quick. 2,050,858; Aug. 11.
- Beam compass. E. Benshimol. 2,062,157; Nov. 24.
- Beam, Composite. R. K. O. Sahlberg. 2,028,169; Jan. 21.
- Beam for well pumping and drilling mechanism, Walking. R. R. Bloss. 2,042,294; May 26.
- Beam hanger. W. W. Erlewine. 2,051,370; Aug. 18.
- Beam hanger. C. L. Henry. 2,050,318; Aug. 11.
- Beam hanger. A. R. Maier. 2,044,536; June 16.
- Beam level indicator for automobile head lamps. G. Trippe. 2,058,743; Oct. 27.
- Beam, Structural. W. H. Weiskopf and J. W. Pickworth. 2,058,537; Oct. 27.
- Beam system, Reversible. P. S. Carter. 2,040,079; May 12.
- Beam testing device. L. Harrison. 2,058,444; Oct. 27.
- Beam with adjustable head. F. Mossberg. 2,027,748; Jan. 14.
- Bean cutter. G. M. Lock and A. O. Rasmussen. 2,064,480; Dec. 15.
- Bean slicing machine. R. A. Mills. 2,065,239; Dec. 22.
- Beans, Treatment of soy. L. O. Gill. 2,026,676; Jan. 7.
- Bearing: See—
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|-----------------------------|----------------------------|
| Adjustable bearing.         | Pressure-tight bearing.    |
| Antifriction bearing.       | Radial plain bearing.      |
| Axle bearing.               | Rocker side bearing.       |
| Axle journal bearing.       | Rocker stud bearing.       |
| Ball and socket bearing.    | Roller bearing.            |
| Ball bearing.               | Rolling mill bearing.      |
| Boat propeller bearing.     | Sealed bearing.            |
| Clutch throw-out bearing.   | Seated bearing.            |
| Cylindrical roller bearing. | Self-aligning bearing.     |
| Floating bearing.           | Shaft bearing.             |
| Jewel bearing.              | Side bearing.              |
| Journal bearing.            | Slide bearing.             |
| Journal box bearing.        | Spindle bearing.           |
| Locomotive rod bearing.     | Take-up bearing.           |
| Meter bearing.              | Thrust and radial bearing. |
| Oil sealed bearing.         | Thrust bearing.            |
| Pinion shaft bearing.       | Universal bearing.         |
| Plain bearing.              | Universal plain bearing.   |
- Bearing. G. W. Allen. 2,060,651; Nov. 10.
- Bearing. T. Barish. 2,045,174; June 23.
- Bearing. N. Diehl. 2,048,324; July 21.
- Bearing. S. G. Eastman. 2,061,758; Nov. 24.
- Bearing. J. O. Heinze. 2,029,717; Feb. 4.
- Bearing. H. A. S. Howarth. 2,061,966; Nov. 24.
- Bearing. F. Leister and F. T. Lynch. 2,033,771; Mar. 10.
- Bearing. B. S. Okner and C. Nelson, Jr. 2,052,108; Aug. 25.
- Bearing. R. R. Ridgway and B. L. Bailey. 2,027,788; Jan. 14.
- Bearing. F. Schubert. 2,029,445; Feb. 4.
- Bearing. J. E. Shafer. 2,033,156; Mar. 10.
- Bearing. C. R. Short and R. P. Koehring. 2,064,086; Dec. 15.
- Bearing. E. D. Thompson. 2,045,030; June 23.
- Bearing. A. G. F. Wallgren. 2,032,729; Mar. 3.
- Bearing. A. G. F. Wallgren. 2,043,272; June 9.
- Bearing. A. G. F. Wallgren. 2,063,570; Dec. 8.
- Bearing. A. G. F. Wallgren and C. G. Janson. 2,029,600; Feb. 4.



- Bearing and bearing mounting. F. G. Hughes. 2,037,982; Apr. 21.
- Bearing and belt tightener, Adjustable jack post. E. G. Barnes. 2,032,969; Mar. 3.
- Bearing and carrier. S. D. Robins. 2,031,618; Feb. 25.
- Bearing and forming same, Self-lubricating, self-aligning. N. Skillman. 2,027,560; Jan. 14.
- Bearing and making same. J. H. Davis. 2,048,247; July 21.
- Bearing and making the same, Antifriction. E. K. Brown. 2,038,474-5; Apr. 21.
- Bearing and making the same, Antifriction. E. K. Brown. 2,063,787; Dec. 8.
- Bearing and mounting. T. C. Delaval-Crow. 2,054,581; Sept. 15.
- Bearing and mounting, Antifriction. T. C. Delaval-Crow. 2,042,882; June 2.
- Bearing and oiling system therefor. N. M. Rosendahl. 2,045,026; June 23.
- Bearing and seal. T. C. Delaval-Crowe. 2,054,582; Sept. 15.
- Bearing and seal, Antifriction. F. G. Hughes. 2,029,072; Jan. 28.
- Bearing and seal therefor. L. D. Cobb. 2,044,380; June 16.
- Bearing and sealing means for rotary pumps, Combination. P. C. Petersen. 2,057,205; Oct. 13.
- Bearing and the like. G. B. Warren. 2,049,343; July 28.
- Bearing assembling machine, Roller. F. Ketcham and G. E. Dunn. 2,031,417; Feb. 18.
- Bearing assembling machine, Roller. A. F. Rehnberg. 2,057,692; Oct. 20.
- Bearing assembly. G. W. Stair. 2,062,947; Dec. 1.
- Bearing assembly, Antifriction. E. B. Anderson. 2,036,978; Apr. 7.
- Bearing assembly, Cutter spindle and antifriction. C. E. Reed. 2,065,741; Dec. 29.
- Bearing assembly, Roller. C. I. Hartmann. 2,052,292; Aug. 25.
- Bearing assembly, Roller. A. H. Oelkers. 2,054,860; Sept. 22.
- Bearing axle, Roller. H. H. Timken. 2,026,807; Jan. 7.
- Bearing boring apparatus. R. W. Hennings. 2,056,671; Oct. 6.
- Bearing bracket for thresher cylinder shafts, Outboard. A. W. Wessman. 2,048,907; July 28.
- Bearing bushings, Making. G. Bühler. 2,050,782; Aug. 11.
- Bearing cage. W. P. Cox. 2,063,586-7; Dec. 8.
- Bearing cage. W. L. Scribner. 2,026,802; Jan. 7.
- Bearing cage, Roller. G. W. Fernström. 2,034,566; Mar. 17.
- Bearing cages, Making roller. S. A. Strickland. 2,045,420; June 23.
- Bearing construction, Roller. L. R. Heim. 2,044,168; June 16.
- Bearing construction, Telltale roller. W. L. Scribner. 2,065,614; Dec. 29.
- Bearing construction, Telltale roller. H. H. Wood. 2,035,855; Mar. 31.
- Bearing flux, Metal. S. R. Oldham. 2,060,948; Nov. 17.
- Bearing for automatic machines, Spindle. A. E. Drissner. 2,056,774; Oct. 6.
- Bearing for automatic multiple spindle screw machines, Spindle. A. E. Drissner. 2,036,685; Apr. 7.
- Bearing for band drive in dental machines, Guide-pulley. A. Kaltenbach and R. Voigt. 2,066,204; Dec. 29.
- Bearing for centrifugal separators, Steady. J. F. Tholl. 2,028,730; Jan. 21.
- Bearing for grease lubrication, Radial plain. N. A. Palmgren. 2,029,275; Jan. 28.
- Bearing for grease lubrication, Radial plain. N. A. Palmgren. 2,053,203; Sept. 1.
- Bearing for pitmans, Adjustable tapered roller. W. Handke. 2,063,807; Dec. 8.
- Bearing for railroad vehicle axles, Lubricated. V. A. Bary. 2,041,390; May 19.
- Bearing for rail vehicles, Axle. V. A. Bary. 2,041,389; May 19.
- Bearing for railway cars, Center. E. H. Wright and R. H. Upson. 2,056,221; Oct. 6.
- Bearing for railway cars, Side. E. H. Wright. 2,056,222; Oct. 6.
- Bearing for rolling mills, Roller. C. L. Eksergian. 2,030,104; Feb. 11.
- Bearing for rotary machine-elements. T. A. Dickson. 2,046,613; July 7.
- Bearing for steel retainers. A. E. Peters. 2,026,703; Jan. 7.
- Bearing for the trunnions of ladles and the like. A. Schober and A. Wegmann. 2,039,192; Apr. 28.
- Bearing for transmission gearing, Intermediate. C. D. Peterson. 2,043,446; June 9.
- Bearing for wheels and the like. W. F. Herold. 2,035,160; Mar. 24.
- Bearing lubrication. T. V. Buckwalter. 2,040,803; May 12.
- Bearing lubrication. H. O. Davidson. 2,043,885; June 9.
- Bearing lubrication. J. Dolza. 2,040,924; May 19.
- Bearing lubrication. D. D. Stone. 2,030,232; Feb. 11.
- Bearing, Making a pivot. J. H. Davis and J. C. Lemming. 2,026,774; Jan. 7.
- Bearing plate, Motor. A. W. Seyfried. 2,032,552; Mar. 3.
- Bearing puller. G. Heegeman. 2,050,005; Aug. 4.
- Bearing pulling tool. L. V. Bliss. 2,031,998; Feb. 25.
- Bearing removing and inserting device. C. W. Randall. 2,037,199; Apr. 14.
- Bearing structure. A. A. Arnold. 2,030,193; Feb. 11.
- Bearing structure for electric motors and the like. H. F. Morse. 2,059,891; Nov. 3.
- Bearing support. G. H. Fagley. 2,039,400; May 5.
- Bearings and blanks therefor, Making bronze. A. L. Boegehold, A. W. Schluchter, and R. H. Terry. 2,044,897; June 23.
- Bearings and making the same, Bonded metal. M. G. Chandler. 2,060,034; Nov. 10.
- Bearings, Grinding antifriction needle. E. Benedek. 2,062,803; Dec. 1.
- Bearings, Lubricating composition. E. C. Eastman and E. R. Barnard. 2,059,856; Nov. 3.
- Bearings, Lubricating railway-car. J. A. Moller. 2,062,250; Nov. 24.
- Bearings, Making. H. L. Brownback. 2,066,247; Dec. 29.
- Bearings, Making. R. D. Pike. 2,058,621; Oct. 27.
- Bearings, Making. G. S. Salzman. 2,031,982; Feb. 25.
- Bearings on shafts, Mounting. N. Miller. 2,038,121; Apr. 21.
- Bearings preparatory to grinding, Device for assembling connecting rod. J. Sunnen. 2,053,584; Sept. 8.
- Bearings, Process and apparatus for assembling and fitting the elements of needle or roller. A. O. Pitner. 2,034,534; Mar. 17.
- Bearings, Process and apparatus for making. R. D. Pike. 2,042,800; June 2.
- Bearings, Refinishing ball. E. G. Colson. 2,034,507; Mar. 17.
- Beater. E. F. Martinet. 2,042,791; June 2.
- Beater. I. Rogers. 2,044,331; June 16.
- Beater. A. J. Roos. 2,028,921; Jan. 28.
- Beater. P. C. Wiegandt. 2,045,171; June 23.
- Beater for mixing machines. W. F. Dehuff. 2,037,068; Apr. 14.
- Beater for threshers and the like. A. B. Welty. 2,052,328; Aug. 25.
- Beater, Motor-driven. A. B. Church. 2,029,157; Jan. 28.
- Beater, Motor driven. A. F. Dormeyer. 2,048,184; July 21.
- Beater rod locking device. L. C. Packer. 2,060,523; Nov. 10.
- Beater roll and Jordan plug, Bandless. J. D. Haskell. 2,042,893; June 2.
- Beater, Rug. M. L. Johnson and W. W. Lillard. 2,037,135; Apr. 14.
- Beating engine. R. H. Henry. 2,044,847; June 23.
- Beating machine. N. J. Rich and A. E. Hunt. 2,036,502; Apr. 7.
- Bed. W. Dry. 2,058,428; Oct. 27.
- Bed actuating mechanism, Wall. E. H. Bridenbaugh. 2,038,410; Apr. 21.
- Bed and bedrail. V. Giuseffi. 2,042,045; May 26.
- Bed and chair, Convertible. J. D. Lilley. 2,034,985; Mar. 24.
- Bed and the like. T. M. Butler. 2,036,394-5; Apr. 7.
- Bed attachment. W. J. Keller. 2,050,183; Aug. 4.
- Bed attachment for invalids. H. Y. Armstrong. 2,057,811; Oct. 20.
- Bed couch. J. Martin. 2,051,959; Aug. 25.
- Bed couch, Folding. B. Lieberman. 2,060,737; Nov. 10.
- Bed cover clamp. H. A. Bessen. 2,036,741; Apr. 7.
- Bed davenport. W. E. Wunderlich. 2,028,426; Jan. 21.
- Bed davenport. W. E. Wunderlich. 2,059,978; Nov. 3.
- Bed, Folding. J. A. Dewey. 2,029,705; Feb. 4.
- Bed for vehicles, Portable. J. W. Aderholz. 2,065,415; Dec. 22.
- Bed material for flower bulbs. J. J. Grullemans. 2,031,308; Feb. 18.
- Bed or the like, Dog. J. G. Bins. 2,032,248; Feb. 25.
- Bedside toilet chair. A. W. Hoaglund and J. B. Daggett. 2,037,578; Apr. 14.
- Bedspring. J. Schwartzman. 2,054,868; Sept. 22.
- Bedspring. D. C. Travis. 2,052,325; Aug. 25.
- Bed springs, Supporting. C. O. Kirchner. 2,060,675; Nov. 10.
- Bedstead, Camp. G. K. J. Broberg, S. W. Wallin, and G. A. Wessén. 2,043,854; June 9.
- Bed structure and the like. B. M. Frank. 2,052,704; Sept. 1.
- Bed structure for ill or injured persons. P. Schmitz. 2,036,646; Apr. 7.
- Bed wetting, Device to prevent. C. L. McClellan. 2,046,080; June 30.
- Beds, Apparatus for hospital. G. W. Brooks. 2,050,269; Aug. 11.
- Beehive. H. B. Knights. 2,039,088; Apr. 28.
- Beer and ale, Treating. L. Wallerstein. 2,062,075; Nov. 24.
- Beer, and more particularly to a mash tub, Apparatus used in the brewing of. R. C. Schock. 2,032,668; Mar. 3.
- Beer. Apparatus for dispensing. H. W. Bruening. 2,036,620; Apr. 7.
- Beer, Apparatus for dispensing. R. Knapp. 2,043,856; June 9.
- Beer, Apparatus for transportation and delivery of. A. Davis, Jr. 2,063,727; Dec. 8.
- Beer clarifier. R. Selbel. 2,039,839; May 5.
- Beer container. F. X. Schwab. 2,032,722; Mar. 3.
- Beer cooler. A. L. Voight. 2,031,397; Feb. 18.
- Beer cooling and dispensing system. T. A. Jenkins. 2,048,266; July 21.



- Beer cooling and dispensing system. H. J. Sandell. 2,065,949; Dec. 29.
- Beer cooling apparatus. L. Coleman. 2,049,155; July 28.
- Beer cooling apparatus. M. Köhler. 2,047,970; July 21.
- Beer dispenser, Portable cold. C. O. Marx. 2,040,664; May 12.
- Beer dispensing apparatus. E. H. Smith. 2,039,564; May 5.
- Beer, Making prune. E. A. Klepper. 2,038,939; Apr. 28.
- Beer meter. P. Siber. 2,037,278; Apr. 14.
- Beer metering device. F. Trinca. 2,051,429; Aug. 18.
- Beer, Method and apparatus for saving. N. S. Goldberger, J. D. Weiss, and L. Gress. 2,047,927; July 14.
- Beer pump. O. J. Leins. 2,061,240; Nov. 17.
- Beer tap. L. A. Frank and W. F. Murphy. 2,038,833; Apr. 28.
- Beer tap. O. J. Leins. 2,032,995; Mar. 3.
- Beer tapping control mechanism. W. Buirk. 2,033,678; Mar. 10.
- Beer wort with yeast, Impregnating. W. F. Clark. 2,033,326; Mar. 10.
- Beet cutting machine. J. Wolfinger. 2,057,355; Oct. 13.
- Beet handling machine. L. R. Morgan. 2,056,286; Oct. 6.
- Beet harvesting machine. J. Fechtner. 2,061,834; Nov. 24.
- Beet topping device. C. B. Daniels and E. J. Graham. 2,061,395; Nov. 17.
- Bell, Electric. J. A. W. Jacob and L. B. Temple. 2,063,604; Dec. 8.
- Bell gasholder. K. Jagschitz. 2,064,916; Dec. 22.
- Bell operating mechanism for blast. S. L. Martin. 2,058,706; Oct. 27.
- Bell ringing mechanism. R. A. Light and J. W. Price, Jr. 2,033,078; Mar. 3.
- Bellows. J. H. Doran. 2,058,301; Oct. 20.
- Bellows and making the same, Helical. J. S. Baker. 2,049,100; July 28.
- Bellows assembly. W. B. Clifford and J. E. Woods. 2,032,563; Mar. 3.
- Bellows, Making flexible metallic. M. H. Ward. 2,032,555; Mar. 3.
- Bellows, Method and apparatus for rolling. R. E. Brown. 2,061,501; Nov. 17.
- Belt. H. E. Collins. 2,064,781; Dec. 15.
- Belt. A. L. Freedlander. 2,054,619; Sept. 15.
- Belt. J. Rasp. 2,043,061; June 2.
- Belt, Abrasive. R. H. Jackson and H. P. Kirchner. 2,059,583; Nov. 3.
- Belt adjusting means, Waist. S. Cohen. 2,049,414; Aug. 4.
- Belt and making same. P. B. Reeves. 2,054,339; Sept. 15.
- Belt and making the same, Power transmission. A. E. Crush. 2,057,419; Oct. 13.
- Belt and pulley measuring apparatus. T. L. Hedgpeth. 2,044,983; June 23.
- Belt apparatus and method, Caisson. O. B. Misz. 2,050,727; Aug. 11.
- Belt, Apparel. J. M. Foster. 2,048,498; July 21.
- Belt, Apparel. J. Mouilbau. 2,020,018; Feb. 4.
- Belt, Cog. A. L. Freedlander. 2,062,568; Dec. 1.
- Belt connector. E. H. Kremer. 2,028,398; Jan. 21.
- Belt connector. E. H. Kremer. 2,034,475; Mar. 17.
- Belt, connector. E. H. Kremer. 2,047,639; July 14.
- Belt connector. W. A. Shippert and E. K. O'Brien. 2,050,899; Aug. 11.
- Belt conveyor. W. J. Mann. 2,028,231; Jan. 21.
- Belt conveyor. J. T. Needham. 2,028,236; Jan. 21.
- Belt conveyor system. J. T. Needham. 2,028,235; Jan. 21.
- Belt, Conveying and driving. H. S. Johns. 2,061,838; Nov. 24.
- Belt drive. J. K. Kahn. 2,031,319; Feb. 18.
- Belt drive. T. G. Nyborg. 2,058,617; Oct. 27.
- Belt, Endless. A. B. Merrill and G. H. Stewart. 2,029,381; Feb. 4.
- Belt fastener. B. F. Crick. 2,032,005; Feb. 25.
- Belt fastener. J. C. Olsen. 2,034,828; Mar. 24.
- Belt for driers, Conveyor. N. J. Cavagnaro. 2,053,822; Sept. 8.
- Belt for garments. H. Hardie and J. F. Hargreaves. 2,059,103; Oct. 27.
- Belt for machine guns and the like, Cartridge. J. A. Hendley. 2,061,072; Nov. 17.
- Belt for roller presses, Filter. A. W. Lissauer. 2,027,542; Jan. 14.
- Belt for supporting wearing apparel. R. Blaser. 2,035,257; Mar. 24.
- Belt for X-ray apparatus, Immobilization. A. C. Nelson. 2,027,318; Jan. 7.
- Belt lacer. O. B. Briggs and A. L. Lamb. 2,058,767; Oct. 27.
- Belt, Link. H. H. Harris. 2,045,646; June 30.
- Belt, Making a. A. L. Freedlander. 2,034,466; Mar. 17.
- Belt, Power transmitting. E. D. Kramp. 2,031,565; Feb. 18.
- Belt, Rupture relief. L. A. Fritsch. 2,042,593; June 2.
- Belt, Safety. C. C. Kauffman. 2,030,172; Feb. 11.
- Belt, Side driving. E. H. Weber. 2,037,954; Apr. 21.
- Belt tightener base. W. J. Morrill. 2,048,510; July 21.
- Belting. J. L. De Rabot. 2,037,195; Apr. 14.
- Belting, Laminated. C. W. Farmer. 2,033,697; Mar. 10.
- Belting, Making leather. J. L. de Rabot. 2,052,285; Aug. 25.
- Belts and the like, Adjustable attachment for. N. Statham. 2,054,840; Sept. 22.
- Belts in the drawing apparatus for textile rovings, Guiding the endless. F. Casabiancas. 2,036,318; Apr. 7.
- Belts, Making driving. A. L. Freedlander. 2,065,180; Dec. 22.
- Belts, plates, and the like of vulcanizable materials, Vulcanizing. W. Neerbye. 2,054,000; Sept. 8.
- Bench drill stand. A. G. Decker. 2,038,422; Apr. 21.
- Bench, Kneeling. E. F. Frost. 2,053,471; Sept. 8.
- Bench, leg rest, and mirror support, Combination. T. C. Roland. 2,056,075; Sept. 29.
- Bending apparatus, Irregular. R. A. Mitchell and F. G. Tuerk. 2,041,365; May 19.
- Bending brake. J. Jensen. 2,028,869; Jan. 28.
- Bending die. N. Kase and L. Wiesenfeld. 2,054,821; Sept. 22.
- Bending machine. H. H. Diehl. 2,036,745; Apr. 7.
- Bending machine. A. Wagenbach. 2,055,955; Sept. 29.
- Bending roll machine. P. Parcels. 2,049,173; July 28.
- Bending tool. F. L. Koehn and J. Lyytinen. 2,055,034; Sept. 22.
- Bentonites, Activation of. E. McKellar. 2,066,212; Dec. 29.
- Bent pipe. B. De H. Miller. 2,041,199; May 19.
- Benzanthrone selenazole and preparing the same. A. J. Wuertz and M. S. Whelen. 2,028,116; Jan. 14.
- Benzanthrone thiazole and preparing the same. A. J. Wuertz and M. S. Whelen. 2,028,114; Jan. 14.
- Benzantrones, Production of. F. W. Peck and J. H. Sachs. 2,034,485; Mar. 17.
- Benzimidazoles having higher alkyl-groups at the U-carbon atoms, Manufacture of. C. Graenacher and F. Ackermann. 2,031,037; Feb. 18.
- Benzol, Production of motor. C. Banta. 2,064,455; Dec. 15.
- Benzonitriles and process for making. R. L. Perkins and A. J. Sweet. 2,044,015; June 16.
- Benzophenanthrenarylides. A. Schmelzer and C. Schuster. 2,062,614; Dec. 1.
- Benzoyl persulphide, Preparing. T. H. Rider and R. Shelton. 2,028,246; Jan. 21.
- Benzyl-benzo-thiazyl sulphide and making the same. W. Scott. 2,057,319; Oct. 13.
- Berry picking device. F. Deutcher. 2,064,523; Dec. 15.
- Berry picking machine. H. J. Franklin. 2,037,624; Apr. 14.
- Berth, Ceiling stowing. H. F. Norton. 2,052,790; Sept. 1.
- Beryllium and its alloys, Treating. C. H. Monroe and H. C. Cladin. 2,051,963; Aug. 25.
- Beryllium by electrolysis, Preparation of metallic. G. Jaeger. 2,041,131; May 19.
- Beryllium minerals, Decomposing. G. Jaeger. 2,063,811; Dec. 8.
- Beryllium, Recovery of. J. E. Bucher. 2,040,804; May 12.
- Beta-chloro-alkyl esters of aliphatic acids, Production of. E. C. Britton and G. H. Coleman. 2,038,074; Apr. 21.
- Betaines and preparing the same. A. Girard and G. Sandulesco. 2,045,132; June 23.
- $\beta$ -methylcholine derivatives and salts and their preparation. R. T. Major and J. K. Cline. 2,040,146; May 12.
- methylcholine derivatives and salts and their production. R. T. Major and J. K. Cline. 2,040,145; May 12.
- Beverage. R. S. Freeman. 2,056,065; Sept. 29.
- Beverage and preparing the same, Fruit. G. Verley. 2,059,828; Nov. 3.
- Beverage charging. J. D. Strutzel. 2,052,810; Sept. 1.
- Beverage conditioning and dispensing. H. E. Schulse. 2,051,013; Aug. 11.
- Beverage container. C. A. Clarke and V. Wright. 2,039,704; May 5.
- Beverage cooler. H. R. Ruse. 2,039,556; May 5.
- Beverage cooling and dispensing apparatus. M. Senese. 2,041,026; May 19.
- Beverage cooling and dispensing system. J. Dolan and A. J. Granata. 2,048,665; July 21.
- Beverage cooling device. J. Askin. 2,027,665; Jan. 14.
- Beverage dispenser. S. A. Kraft. 2,034,623; Mar. 17.
- Beverage dispenser, Carbonated. J. D. Lear. 2,035,391; Mar. 24.
- Beverage dispensing apparatus, Refrigerated. J. Askin. 2,042,418; May 26.
- Beverage dispensing device. O. A. Olsen. 2,047,920; July 14.
- Beverage dispensing device. C. Zafuta. 2,028,098; Jan. 14.
- Beverage filter. F. W. Manning. 2,055,873; Sept. 29.
- Beverage maker. W. C. Coleman. 2,047,135; July 14.
- Beverage mixing apparatus. L. W. G. Flynt. 2,059,572; Nov. 3.
- Beverage mixing device. M. J. Helmes. 2,029,234; Jan. 28.
- Beverage shipping and storage container. J. L. Kellogg. 2,046,953; July 7.
- Beverages, Aging alcoholic. E. F. Spellmeyer. 2,031,232; Feb. 18.
- Beverages, Apparatus for bottling. F. A. and W. Anetsberger. 2,046,357; July 7.
- Beverages. Apparatus for dispensing. L. Jasper. 2,039,006; Apr. 28.
- Beverages, Apparatus for dispensing. F. W. Müller. 2,046,032; June 30.
- Beverages, Apparatus for treating and dispensing. A. R. Speer. 2,057,068; Oct. 13.
- Beverages containing alcohol, Preparing palatable. W. O. Sweek and J. S. Benroth. 2,032,818; Mar. 3.



- Beverages, Improving and aging distilled alcoholic. A. J. Liebmann. 2,040,661; May 12.
- Beverages, Manufacture of alcoholic. K. R. Brown. 2,061,560; Nov. 24.
- Beverages, Manufacture of fermented. H. Heuser. 2,034,468; Mar. 17.
- Beverages, Method and apparatus for producing. A. L. Koch. 2,052,476; Aug. 25.
- Beverages, Process and container for packaging. S. C. Robison. 2,062,234; Nov. 24.
- Beverages, Treating alcoholic. M. Shoeld. 2,054,006; Sept. 8.
- Bib. J. Goldberg. 2,058,861; Oct. 27.
- Bicarbonate into a carbonate, Process and apparatus for converting a. R. B. MacMullin. 2,055,084; Sept. 22.
- Bicycle accessory. N. A. Clarke. 2,051,823; Aug. 25.
- Bicycle attachment for exercising. C. A. A. G. Sabaeff. 2,062,831; Dec. 1.
- Bicycle frame. G. S. Lewis. 2,043,759; June 9.
- Bicycle lock. I. Hershbaum. 2,055,149; Sept. 22.
- Bicycle lock. H. F. Nelson. 2,038,232; Apr. 21.
- Bicycle lock. S. C. Waits. 2,032,821; Mar. 3.
- Bicycle locking device. N. A. Clarke. 2,051,822; Aug. 25.
- Bicycle, Motor. O. Evinrude. 2,031,881; Feb. 25.
- Bicycle, Motor. G. S. Lewis. 2,060,583; Nov. 10.
- Bicycle mudguard clamp. G. H. Goeddeke. 2,043,041; June 2.
- Bicycle, Multiple speed. A. J. Pehl. 2,042,861; June 2.
- Bicycle stand. D. L. Miller. 2,049,218; July 28.
- Bicycle steering member. C. F. Skoog. 2,059,669; Nov. 3.
- Bicycle with horse riding action. P. F. Thau. 2,029,842; Feb. 4.
- Bicycles, Propulsion mechanism for. L. J. Duvall. 2,061,225; Nov. 17.
- Bid and asked quotation system. R. M. Hicks and F. O. Stratton. 2,046,381; July 7.
- Bidet attachment for water closets. I. Salvoni. 2,036,985; Apr. 7.
- Bifocal distance sound concentrator. P. R. Harmer. 2,033,337; Mar. 10.
- Bike, Delivery. H. Stoffel. 2,034,158; Mar. 17.
- Bilge block jack. C. E. Mitchell. 2,061,038; Nov. 17.
- Billirubin, Making. E. A. Peterman. 2,049,134; July 28.
- Bill feed attachment. W. P. Scharr. 2,046,001; June 30.
- Billfold. A. Petersohn and W. H. St. Thomas. 2,036,493; Apr. 7.
- Billy, Tear-gas. K. P. Rolston. 2,050,861; Aug. 11.
- Bimetallic strip, Apparatus for producing. G. S. Salzmann. 2,031,795; Feb. 25.
- Bin. B. A. Branch. 2,036,115; Mar. 31.
- Bin. R. E. Mire. 2,052,934; Sept. 1.
- Bin conveyer. H. C. Carter. 2,027,958; Jan. 14.
- Bin discharge structure, Powder. C. H. Smith. 2,042,739; June 2.
- Bin for fruit, Revolving. E. G. Griffith. 2,064,257; Dec. 15.
- Bins, storage tanks, and like containers, Indicating the contents of silo. B. Skaraas and E. Danielsson. 2,056,490; Oct. 6.
- Binder. R. C. Hill. 2,057,487; Oct. 13.
- Binder. A. E. Peterson. 2,058,718; Oct. 27.
- Binder. W. O. Schuknecht. 2,053,052; Sept. 1.
- Binder and pencil box, Combined loose leaf. F. S. Schade. 2,035,571; Mar. 31.
- Binder apparatus, Adjustable. M. Murino and V. Petilli. 2,040,870; May 19.
- Binder construction, Loose leaf. F. S. Schade. 2,052,665; Sept. 1.
- Binder, Corn. A. Kowalsky. 2,034,911; Mar. 24.
- Binder for furniture top surfacing material, Edge. J. R. Clark. 2,063,725; Dec. 8.
- Binder, Grain. E. F. Huddle. 2,045,144; June 23.
- Binder, Loose leaf. P. R. Crall. 2,036,853; Apr. 7.
- Binder, Loose leaf. G. H. Dawson. 2,049,895; Aug. 4.
- Binder, Loose leaf. G. H. Dawson and F. D. Wedge. 2,057,514; Oct. 13.
- Binder, Loose leaf. J. C. Dawson. 2,041,168; May 19.
- Binder, Loose leaf. R. J. Dewar. 2,054,793; Sept. 22.
- Binder, Loose leaf. E. O. Greer. 2,063,548; Dec. 8.
- Binder, Loose leaf. E. L. Krag. 2,038,573; Apr. 28.
- Binder, Loose leaf. J. A. Larsen. 2,034,873; Mar. 24.
- Binder, Loose leaf. E. F. Lexow. 2,031,373; Feb. 18.
- Binder, Loose leaf. A. G. Lotter. 2,055,905; Sept. 29.
- Binder, Loose leaf. A. G. Lotter. 2,055,937; Sept. 29.
- Binder, Loose-leaf. P. A. Marighugh. 2,045,040; June 23.
- Binder, Loose leaf. A. W. McClure. 2,056,798; Oct. 6.
- Binder, Loose-leaf. W. Nelson. 2,056,801; Oct. 6.
- Binder, Loose leaf. G. W. Newman. 2,051,617; Aug. 18.
- Binder, Loose leaf. P. O. Unger. 2,046,007; June 30.
- Binder, Loose leaf. P. O. Unger. 2,056,812; Oct. 6.
- Binder, Refillable. N. Ottinger. 2,051,738; Aug. 18.
- Binder strip, Knitted. C. F. Schuessler. 2,043,715; June 9.
- Binder, Temporary. A. M. Barrett. 2,034,171; Mar. 17.
- Binder, Tire chain. E. Ehlin. 2,051,690; Aug. 18.
- Binder, Wall canvassing. J. G. Brewer. 2,060,924; Nov. 17.
- Binders with bituminous constituents, Apparatus for producing pulverulent hydraulic. A. Sommer. 2,055,224; Sept. 22.
- Binding agents and preparing them. M. Heyse and H. Persiel. 2,034,297; Mar. 17.
- Binding and dividing bar. S. C. Awbrey. 2,060,274; Nov. 10.
- Binding device, Loose leaf. F. S. Schade. 2,061,675; Nov. 24.
- Binding, Edge. E. E. Brey. 2,038,637; Apr. 28.
- Binding, Edge. M. B. Gwathmey. 2,042,046; May 26.
- Binding, Fastening. G. G. Fairchild and J. M. Leake. 2,053,254; Sept. 8.
- Binding for tennis nets. V. Lichtenstein. 2,052,637; Sept. 1.
- Binding material, Apparatus for making reinforced. D. E. Skedgell. 2,059,404; Nov. 3.
- Binding, Notebook. H. Rehm. 2,028,994; Jan. 28.
- Binding post. W. W. Dewhurst and F. Eskuchen. 2,037,620; Apr. 14.
- Binocular nose glass construction. A. Wollensak. 2,026,723; Jan. 7.
- Biograph film winding apparatus. A. E. Shirlow and T. B. McDiarmid. 2,037,601; Apr. 14.
- Biological process. G. Schwartzman. 2,036,649; Apr. 7.
- Bird cage protector. J. and E. Kearney. 2,045,472; June 23.
- Bird cage seed guard frame. B. Kosvich. 2,028,612; Jan. 21.
- Bird feed receptacle. L. Butler and J. D. Butler. 2,031,874; Feb. 25.
- Biscuit and doughnut cutter. T. P. Anello and E. A. La Course. 2,046,540; July 7.
- Biscuit unloader. E. F. Marresford. 2,034,108; Mar. 17.
- Biscuit with means for fastening filling, Sandwich. R. J. Couture. 2,051,682; Aug. 18.
- Biscuits from oven conveyers, Removing. R. Savy. 2,041,091; May 19.
- Bismuth campholate. L. Lecoq. 2,032,994; Mar. 3.
- Bismuth compounds of hydroaromatic endomethylene benzoic acids, Organic. M. Bockmühl, W. Persch, and G. Ehrhart. 2,058,403; Oct. 27.
- Bismuth salts of aromatic mercury compounds, Basic. K. Streitwolf, A. Fehrle, P. Fritzsche, and W. Herrmann. 2,050,592; Aug. 11.
- Bit: See—
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| Auger bit.                    | Rock bit.            |
| Bridle bit.                   | Rock drill bit.      |
| Carbide tool bit.             | Roller bearing bit.  |
| Combined disk and roller bit. | Roller bit.          |
| Cross roller bit.             | Roller rack bit.     |
| Detachable bit.               | Rotary bit.          |
| Detachable blade bit.         | Rotary boring bit.   |
| Disk and roller bit.          | Rotary disk bit.     |
| Disk bit.                     | Rotary drill bit.    |
| Drill bit.                    | Rotary face bit.     |
| Drilling bit.                 | Separable drill bit. |
| Expansive bit.                | Three-cutter bit.    |
| Jack hammer bit.              | Well bit.            |
| Mining chain cutting bit.     | Well drilling bit.   |
- Bit and tool holder. O. Severson. 2,063,128; Dec. 8.
- Bit bearing structure, Roller. R. R. Crum. 2,061,141; Nov. 17.
- Bit block. E. P. Stenger and A. O. Bruestle. 2,039,747; May 5.
- Bit clamp and holder, Streamlined. E. Reaney. 2,062,607; Dec. 1.
- Bit cleaner. E. Green. 2,041,467; May 19.
- Bit for drills and the like, Detachable. J. R. MacDonell. 2,047,698; July 14.
- Bit for smoking pipes and the like. R. Hirsch. 2,065,223; Dec. 22.
- Bit lock. A. L. Lee. 2,046,026; June 30.
- Bit rock drill, Emplaceable. C. Erickson. 2,030,576; Feb. 11.
- Bitumen content of rock asphalt, Varying the. H. C. Wolf. 2,032,680; Mar. 3.
- Bituminous dispersions. R. R. Thurston. 2,037,669; Apr. 14.
- Bituminous dispersions for coatings or coverings and preparing them. K. Daimler. 2,041,234; May 19.
- Bituminous dispersions, Producing. J. Miscall. 2,053,099; Sept. 1.
- Bituminous emulsion. P. R. Smith. 2,033,657; Mar. 10.
- Bituminous mixing, Apparatus for. W. M. Hendrick and G. Loeffler, Jr. 2,028,745; Jan. 28.
- Bituminous sheets and applying them, Impermeable. J. M. Fain and A. Barthel. 2,057,020; Oct. 13.
- Bituminous substances, Production of emulsifiable. H. Klein. 2,038,572; Apr. 28.
- Bivalves, Opening. H. F. Prytherch and V. Koehring. 2,041,727; May 26.
- Bivalves, Processing edible. M. B. Jenkins. 2,047,688; July 14.
- Bladder for footballs and the like. A. F. Heck. 2,062,247; Nov. 24.
- Bladders for footballs and the like, Making. A. F. Heck. 2,062,248; Nov. 24.
- Blade and holder therefor. M. B. Behrman. 2,035,111; Mar. 24.
- Blade for agricultural implements, Detachable. S. Nedbal. 2,037,480; Apr. 14.
- Blade for lawn mowers, Stationary. F. P. Gottschalk. 2,045,386; June 23.
- Blade for safety razors, Protected. F. J. Lewando. 2,029,825; Feb. 4.
- Blade for steam or gas turbines, Sheet metal. F. A. Wettstein. 2,047,502; July 14.
- Blade frame assembly. A. L. Geiger. 2,033,700; Mar. 10.
- Blade handling mechanism. W. F. Werner. 2,055,245; Sept. 22.



- Blade, Hollow turbine. F. G. H. Bedford and C. D. Gibb. 2,040,640; May 12.
- Blade lock for metal cutting tools. H. F. Scribner. 2,037,642; Apr. 14.
- Blade of a printing press, Method of and mechanism for trimming the doctor. G. A. Friess. 2,039,161; Apr. 28.
- Blade segments, Apparatus for measuring the moments of. B. D. Smith. 2,060,904; Nov. 17.
- Blade sharpening device for ice skates. J. Viozzi. 2,042,916; June 2.
- Blade sharpening machine. A. Barnes. 2,038,470; Apr. 21.
- Blade slicing apparatus. Gang. N. M. H. Blumenkranz and T. Finizie. 2,058,766; Oct. 27.
- Blade testing apparatus. E. P. Floyd. 2,055,125; Sept. 22.
- Blade type cutter, Inserted. D. E. Van Deusen and H. Berg. 2,042,081; May 26.
- Blades, Apparatus for grinding serrated cutting. H. J. Criner. 2,062,352; Dec. 1.
- Blades, Manufacturing. C. R. Soderberg. 2,063,706; Dec. 8.
- Blades, Method and machine for testing. M. Knobel and L. H. Young. 2,027,595; Jan. 14.
- Blades of printing presses, Apparatus for washing the doctor. G. A. Friess. 2,061,730; Nov. 24.
- Blades, Packaging. H. A. Gustafson. 2,058,147; Oct. 20.
- Blanc fixe of particular softness, Making. O. Englert, W. Becker, and F. Becker. 2,033,696; Mar. 10.
- Blank and making commutators. F. W. Cotterman. 2,038,419; Apr. 21.
- Blank feeding and stopping mechanism. W. W. Davidson. 2,064,521; Dec. 15.
- Blank feeding means. J. F. Ferm. 2,065,855; Dec. 29.
- Blank feeding means for receptacle body forming apparatus. G. Lutz. 2,062,465; Dec. 1.
- Blank for container closures and making the same. L. E. La Bombard. 2,027,343; Jan. 7.
- Blank for forming channels. J. S. Reid. 2,041,956; May 26.
- Blank-making machine. C. D. Knowlton. 2,035,552; Mar. 31.
- Blank-making machine. C. D. Knowlton. 2,039,319; May 5.
- Blank rotating mechanism. J. H. Friedman. 2,052,760; Sept. 1.
- Blank support for a forming machine. F. Meyer. 2,042,794; June 2.
- Blanks and resultant article, Method and apparatus for making headed. J. H. Friedman. 2,030,290; Feb. 11.
- Blanks, Apparatus for forming tubular. B. Bannister. 2,040,764; May 12.
- Blanks, Apparatus for forming tubular. B. Bannister. 2,050,236; Aug. 4.
- Blanks, Process of stamping. C. R. Moon. 2,033,993; Mar. 17.
- Blanks, Production of preliminarily shaped annular. H. Edelmeier. 2,058,007; Oct. 20.
- Blanket. J. C. Standish. 2,031,013; Feb. 18.
- Blanket, Baby. I. Bjornson. 2,048,097; July 21.
- Blanket for printing presses. W. M. Shultz. 2,042,076; May 26.
- Blanket, Molding. M. F. Jacobs. 2,038,937; Apr. 28.
- Blanket, Printer's. A. L. Freedlander. 2,065,442; Dec. 22.
- Blanket, Printer's. H. D. Rice. 2,027,322; Jan. 7.
- Blanket, Stereotype. J. J. Coyne. 2,048,841; July 28.
- Blast cleaning machine. W. A. Rosenberger. 2,037,047; Apr. 14.
- Blaster, Mechanical. E. Zahner. 2,032,899; Mar. 3.
- Blaster, Mechanical. E. Zahner. 2,034,076; Mar. 17.
- Blasting apparatus, Multiple firing. H. W. Burney. 2,044,666; June 16.
- Blasting assembly. V. H. Williams. 2,031,084; Feb. 18.
- Blasting cap charge. C. P. Spaeth. 2,031,677; Feb. 25.
- Blasting cartridge. D. Ferrell and A. W. Helmholtz. 2,034,569; Mar. 17.
- Blasting cartridge. P. A. H. Goldsmith and J. G. Lapraik. 2,055,126; Sept. 22.
- Blasting charge. J. Taylor. 2,038,772; Apr. 28.
- Blasting charge. J. Taylor. 2,046,194; June 30.
- Blasting charge. J. Taylor. 2,048,827; July 28.
- Blasting, Method and apparatus for. J. F. Berteling. 2,048,677; July 28.
- Blasting powder, Pelleted. W. E. Kirst. 2,062,666; Dec. 1.
- Blasting process. D. Ferrell and A. W. Helmholtz. 2,034,568; Mar. 17.
- Bleacher, Portable. P. W. Hussey. 2,061,465; Nov. 17.
- Bleaching. J. A. Clark and H. G. Smolens. 2,029,985; Feb. 4.
- Bleaching agent and making same. S. Z. Avedikian. 2,049,888; Aug. 4.
- Bleaching powders, Process and apparatus for the manufacture of. E. Renschler and A. Remelé. 2,032,632; Mar. 3.
- Bleaching process and bleach. W. Hirschkind. 2,046,382; July 7.
- Bleeder for deep well pumps. C. J. Coberly. 2,053,602; Sept. 8.
- Bleeding means for fluid pressure mechanism. B. Dick. 2,054,653; Sept. 15.
- Bleeding on white animal fibers, Prevention of the. A. Landolt. 2,031,046; Feb. 18.
- Blending, for a predetermined quality, of liquids having different specific gravities, Process of and apparatus for continuous. W. C. Holmes. 2,039,534; May 5.
- Blind. J. Villalobos. 2,030,234; Feb. 11.
- Blind and mechanism for operating the same, Venetian. M. O. Wicks. 2,029,143; Jan. 21.
- Blind bottom rail bracket, Venetian. W. W. Zingg. 2,027,570; Jan. 14.
- Blind control mechanism, Venetian. M. L. Wiener and W. F. Neilsen. 2,041,892; May 26.
- Blind guide construction, Venetian. G. W. Sistrunk. 2,059,047; Oct. 27.
- Blind hanger, Venetian. G. F. Brent. 2,052,379; Aug. 25.
- Blind lifting device, Venetian. E. B. Nottingham. 2,055,826; Sept. 29.
- Blind structure, Venetian. P. H. Kuyper. 2,058,159; Oct. 20.
- Blind tilter, Venetian. R. H. Wright. 2,031,354; Feb. 18.
- Blind tilting device, Venetian. G. D. Dodge. 2,055,816; Sept. 29.
- Blind, Venetian. G. F. Brent and J. M. Guthrie. 2,061,373; Nov. 17.
- Blind, Venetian. F. J. Burns. 2,054,241; Sept. 15.
- Blind, Venetian. W. P. Cameron. 2,061,548; Nov. 24.
- Blind, Venetian. S. Hammer. 2,061,939; Nov. 24.
- Blind, Venetian. H. Moore. 2,061,443; Sept. 15.
- Blind, Venetian. T. I. Moseley. 2,054,164; Sept. 15.
- Blind, Venetian. J. Nisenson. 2,036,231; Apr. 7.
- Blind, Venetian. L. R. Roberts. 2,037,393; Apr. 14.
- Blind, Venetian. M. Schler. 2,049,518; Aug. 4.
- Blind, Venetian. A. T. Victori. 2,031,804; Feb. 25.
- Blind, Venetian. M. L. Wiener. 2,064,094; Dec. 15.
- Blind, Venetian. A. C. Wood. 2,043,501; June 9.
- Blind, Venetian. G. Woodruff. 2,031,752; Feb. 25.
- Blinker for daylight signals, Headlight. B. B. Moore. 2,045,045; June 23.
- Block: See—
- Animal building block. Paving block.
  - Bit block. Piston block.
  - Building block. Printing plate block.
  - Cement block. Pulley block.
  - Concrete block. Rubber paving block.
  - Floor block. Sapping block.
  - Follow block. Snatch block.
  - Hoisting block. Steel die block.
  - Hollow building block. Switch block.
  - Insulating building block. Take-up block.
  - Lead block. Traveling block.
  - Meter test block. Wood block.
  - Mosaic block.
- Block and fabricating the same, Laminated insulating. L. E. Cover. 2,050,247; Aug. 11.
- Block and wall structure, Building. H. G. Hess. 2,049,907; Aug. 4.
- Block construction for boiler tubes and the like. J. E. Biery. 2,033,175; Mar. 10.
- Block construction, Traveling. H. T. Nichols. 2,034,728; Mar. 24.
- Block facing, Interlocking building. A. Tropiano. 2,060,701; Nov. 10.
- Block for balers, Division. J. H. Pierce. 2,052,653; Sept. 1.
- Block for block and tackle. J. F. Gillespie. 2,060,730; Nov. 10.
- Block for sectional grinding wheels. F. C. Penny. 2,051,618; Aug. 18.
- Block gate ram, Floating. W. D. Shaffer and F. J. Schweitzer. 2,060,252; Nov. 10.
- Block mold. L. F. Hewett. 2,041,289; May 19.
- Block or panel, Composite. H. P. Schuck. 2,049,571; Aug. 4.
- Block-out system and device. F. W. Storck. 2,049,877; Aug. 4.
- Block press. H. O. Wood. 2,032,034; Feb. 25.
- Block printing machine, Flat. J. H. Chadwick and C. C. Willis. 2,036,019; Mar. 31.
- Block system developing machine. V. C. de Ybarrondo. 2,048,182; July 21.
- Blocks and structure resulting therefrom, Assembling. H. A. Faber. 2,064,791; Dec. 15.
- Blocks and the like, Method of and apparatus for molding refractory. P. G. Willets. 2,057,466; Oct. 13.
- Blocks, Apparatus for making building. J. N. Van Kamerik. 2,034,164; Mar. 17.
- Blocks, Manufacture of printing. O. S. Hassing. 2,032,750; Mar. 3.
- Blocks or panels, Manufacturing ornamental. J. Hansen. 2,047,583; July 14.
- Blood at a certain part of the human body, Device for collecting the. B. Höflinger. 2,044,691; June 16.
- Blood circulation, Apparatus and method for enhancing. L. G. Herrmann. 2,055,128; Sept. 22.
- Blood, Collecting and defibrinating. A. A. Robinson and H. C. Dormitzer. 2,055,263; Sept. 22.
- Blood pressure measuring device, Arterial. W. P. Nolan. 2,039,337; May 5.
- Blood pressure testing means. D. Telson and E. D. Resnik. 2,053,383; Sept. 8.
- Blood transfusion apparatus. N. M. Guio. 2,032,614; Mar. 3.
- Blood transfusion apparatus. S. Meeker. 2,030,754; Feb. 11.
- Blood transfusion apparatus and method. R. Mann. 2,059,803; Nov. 3.



- Blood transfusion machine. L. Gross. 2,061,399; Nov. 17.
- Blotter, Mailable. G. C. Domke. 2,045,944; June 30.
- Blotting attachment for fountain pens. A. R. Knorr. 2,064,067; Dec. 15.
- Blow-off device for steam boilers. M. H. Oakes. 2,038,756; Apr. 28.
- Blow-off valve. J. V. Schmid. 2,029,837; Feb. 4.
- Blowout preventer. Z. A. Hughes. 2,035,319; Mar. 24.
- Blow-out preventer. J. W. MacClatchie. 2,051,261; Aug. 18.
- Blow-out preventer. R. Neuhaus. 2,044,590; June 16.
- Blow-out preventer. J. D. Nixon. 2,064,267; Dec. 15.
- Blow-out preventer. A. J. and K. T. Penick. 2,054,336-7; Sept. 15.
- Blow-out preventer. A. L. Rodgers. 2,037,593; Apr. 14.
- Blow-out preventer, Fluid operated. K. T. and A. J. Penick. 2,047,520; July 14.
- Blowpipe. H. W. Cowin. 2,052,871; Sept. 1.
- Blowpipe tips, Making cutting. L. Campbell, Jr. 2,029,154; Jan. 28.
- Blowtorch. D. A. Lenk. 2,045,956; June 30.
- Blow torch apparatus, Portable. W. Eberle. 2,058,672; Oct. 27.
- Blower. E. W. Ballentine. 2,058,123; Oct. 20.
- Blower. C. M. Buck. 2,033,273; Mar. 10.
- Blower. W. H. Leinweber. 2,026,689; Jan. 7.
- Blower. H. F. Schmidt. 2,030,474; Feb. 11.
- Blower. H. F. Schmidt. 2,050,385; Aug. 11.
- Blower. J. L. Taylor. 2,037,402; Apr. 14.
- Blower and sign card, Revolving. M. De Misa. 2,065,270; Dec. 22.
- Blower, Multiple stage. F. Gossiau. 2,046,737; July 7.
- Blower, Scalp. M. McKelvey. 2,050,111; Aug. 4.
- Blower, Soot. L. J. Bayer. 2,059,193; Nov. 3.
- Blower, Soot. E. W. Jones. 2,049,451; Aug. 4.
- Blower, Soot. E. Pfeiderer. 2,066,014; Dec. 29.
- Blower, Soot. A. Rössner. 2,028,250; Jan. 21.
- Blower, Soot. W. P. Thomas. 2,066,020; Dec. 29.
- Blower, Swinging soot. F. C. Arey and D. E. Hibner, Jr. 2,030,828; Feb. 11.
- Blowing device. G. W. Hulshizer. 2,034,699; Mar. 24.
- Board: See—
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| Artist's printing board.  | Indicator board.          |
| Assembled board.          | Ironing board.            |
| Bulletin board.           | Pack board.               |
| Card game board.          | Panel board.              |
| Clip board.               | Peg board.                |
| Cloth board.              | Piano sounding board.     |
| Combination ironing board | Printing quotation board. |
| Cribbage board.           | Score board.              |
| Dart board.               | Shirt board.              |
| Drawing board.            | Shirt insert board.       |
| Electrical control board. | Summary board.            |
| Game board.               | Table shuffle board.      |
| Indexing service board.   | Valve board.              |
| Indicating board.         |                           |
- Board and making same, Corrugated vegetable-fiber. W. H. Mason. 2,058,334; Oct. 20.
- Board and making same, Hard. T. A. I. Lundbäck. 2,037,522; Apr. 14.
- Board and method of manufacture, Pressed fiber. R. T. Pollock. 2,029,034; Jan. 28.
- Board, Apparatus for making corrugated vegetable-fiber. W. H. Mason. 2,058,333; Oct. 20.
- Board, collar support and envelope for laundered shirts, Combination shirt. J. Cohen. 2,060,497; Nov. 10.
- Board for clamping and exhibiting sheet-like articles. H. Coray. 2,056,565; Oct. 6.
- Board for desks, Sliding writing. R. B. Poe. 2,037,919; Apr. 21.
- Board for motor vehicles, Titlable running. N. H. Hassel. 2,062,026; Nov. 24.
- Board for vertical presses, Transfer. W. F. Matthews. 2,060,331; Nov. 10.
- Board forming device, Plastic. C. B. Mills. 2,035,495; Mar. 31.
- Board game apparatus. O. B. Lord. 2,043,482; June 9.
- Board, Manufacture hard. F. A. Irvine. 2,044,213; June 16.
- Board, Method and machine for making diagonally corrugated. E. Watson. 2,042,243; May 26.
- Board with fuses adapted to be cut out by hand, Distribution. F. Driescher. 2,030,506; Feb. 11.
- Boards and thinner leather sheet, Fabrication of leather. W. T. Doyle. 2,047,136; July 7.
- Boards, Apparatus for making multicolored paper. C. F. Schaub. 2,037,597; Apr. 14.
- Boat. F. T. Wilcox. 2,053,755; Sept. 8.
- Boat and driving unit therefor, Motor. P. Crosley, Jr. 2,064,463; Dec. 15.
- Boat and means of propelling boats. S. Kalfas. 2,048,339; July 21.
- Boat attachment. J. W. Harvey. 2,042,598; June 2.
- Boat, Automatic row. H. S. Noddings. 2,051,221; Aug. 18.
- Boat construction. M. D. Carr, Jr. 2,044,771; June 23.
- Boat construction. C. Hussman. 2,046,558; July 7.
- Boat davit. E. G. Oppenheim. 2,038,233; Apr. 21.
- Boat hull. J. C. Whitesell, Jr. 2,058,282; Oct. 20.
- Boat hull structure. E. J. W. Ragsdale. 2,031,428; Feb. 18.
- Boat, Metallic. F. A. Langenhorst and A. D. Gates. 2,064,927; Dec. 22.
- Boat, particularly applicable to seaplane floats, Elastic. R. Hopp. 2,057,574; Oct. 13.
- Boat, Planing. G. C. Eddy and C. D. Van Patten. 2,039,585-6; May 5.
- Boat propeller bearing. R. T. Backus and F. L. Pollard. 2,054,475; Sept. 15.
- Boat propelling device. A. Granger. 2,026,888; Jan. 7.
- Boat propelling device. I. S. Wells. 2,062,546; Dec. 1.
- Boat propelling mechanism. C. L. Carroll. 2,039,392; May 5.
- Boat, Reenforced. G. E. Robinson. 2,045,998; June 30.
- Boat rib. T. E. Mead. 2,049,968; Aug. 4.
- Boat, Sectional. G. F. Green. 2,040,373; May 12.
- Boat, Skim. E. C. Hansen. 2,045,645; June 30.
- Boat suspension structure, Flying. E. J. W. Ragsdale. 2,029,276; Jan. 28.
- Boats, Mechanism for propelling. C. Carlson. 2,058,410; Oct. 27.
- Boats on board a vessel, Handling life. A. P. Schat. 2,047,494; July 14.
- Boats, Propelling pleasure. S. Stone. 2,031,339; Feb. 18.
- Bobbin. C. E. Cundey. 2,038,891-2; Apr. 28.
- Bobbin. C. K. Dunlap. 2,049,558; Aug. 4.
- Bobbin. H. Summa. 2,055,952; Sept. 29.
- Bobbin changing device for pirn winding frames. W. Reiners and G. Kahlisch. 2,034,248; Mar. 17.
- Bobbin cleaner. J. E. Kimbiri. 2,062,225; Nov. 24.
- Bobbin clutch for rotatable spindles. J. F. Jackson. 2,030,301; Feb. 11.
- Bobbin for automatic weft supply, Weft. E. Egli and E. Schoch. 2,027,769; Jan. 14.
- Bobbin for cinema films and the like. E. V. de Panthou and R. Varela. 2,053,815; Sept. 8.
- Bobbin for electric drills, Field coil. F. P. Forss. 2,055,861; Sept. 29.
- Bobbin grip assembly for loom shuttles. L. Viscolosi. 2,033,498; Mar. 10.
- Bobbin or tube, particularly for use in looms, Yarn. F. Fallscheer. 2,042,708; June 2.
- Bobbin release for weft replenishing looms. C. P. Bergstrom and A. Palmer. 2,062,694; Dec. 1.
- Bobbin release for weft replenishing looms. A. A. Gordon, 3d. and H. M. Latham. 2,062,708; Dec. 1.
- Bobbin retainer. E. G. Wolf. 2,033,314; Mar. 10.
- Bobbin stripper. H. A. Gale. 2,036,405; Apr. 7.
- Bobbin stripper. E. A. Terrell. 2,053,978; Sept. 8.
- Bobbin support. L. B. Hasbrouck, J. V. Mann, and M. P. Whitney. 2,038,286; Apr. 21.
- Bobbin, Yarn dyeing. G. F. Ivey. 2,056,859; Oct. 6.
- Bobbins for automatic looms, Fabricating metal. H. Jung-hans. 2,052,773; Sept. 1.
- Bodies, Apparatus for making conical tubular. F. Gross. 2,054,370; Sept. 15.
- Bodies, Sticking. E. L. Kallander and G. R. Alden. 2,027,435; Jan. 14.
- Bodies toward and away from each other, System for moving. A. Krümmner. 2,027,386; Jan. 14.
- Bodies with flaps, Making flat tubular. S. Bergstein. 2,033,223; Mar. 10.
- Body. R. E. Smith. 2,048,573; July 21.
- Body and fender finishing machine. A. Thompson. 2,060,266; Nov. 10.
- Body construction for baby carriages and the like. M. E. Berry. 2,055,890; Sept. 29.
- Body, Demountable. B. F. Fitch. 2,056,178; Oct. 6.
- Body, Demountable. B. F. Fitch. 2,063,033; Dec. 8.
- Body for power vehicles. G. Drauz. 2,035,800; Mar. 31.
- Body for vehicles, Dump. H. H. Linn. 2,027,989; Jan. 14.
- Body lock. A. W. Molinare. 2,046,647; July 7.
- Body of automobile vehicles. L. Saives. 2,054,951; Sept. 22.
- Body of motor road vehicles. G. Sheriff. 2,036,610; Apr. 7.
- Body stabilizer. J. Dolza. 2,047,771; July 14.
- Bodywork. E. Bugatti. 2,051,022; Aug. 18.
- Boiler: See—
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| Adjustable boiler.         | Superheater boiler.   |
| Ham boiler.                | Three drum boiler.    |
| Heating boiler.            | Upright steam boiler. |
| High pressure boiler.      | Wash boiler.          |
| Household steam boiler.    | Waste heat boiler.    |
| Oil burning boiler.        | Water tube boiler.    |
| Steam boiler.              |                       |
| Steam or hot water boiler. |                       |
- Boiler. W. H. Armacost. 2,041,388; May 19.
- Boiler. W. H. Armacost. 2,056,245; Oct. 6.
- Boiler. O. L. Besinger. 2,039,515; May 5.
- Boiler. C. B. Cassity. 2,056,254; Oct. 6.
- Boiler. T. C. Ervin. 2,040,434; May 12.
- Boiler. G. J. and E. J. Graves. 2,033,425; Mar. 10.
- Boiler. M. S. Hall. 2,037,018-19; Apr. 14.
- Boiler. M. S. Hall. 2,066,275; Dec. 29.
- Boiler. A. Kazlauskas. 2,052,403; Aug. 25.
- Boiler. A. Klotzman. 2,048,747; July 28.
- Boiler. G. J. Leuvelink. 2,062,033; Nov. 24.
- Boiler. T. E. Murray. 2,042,618; June 2.
- Boiler. O. F. Noss and J. W. Lockett. 2,054,682; Sept. 15.
- Boiler. C. G. O'Hara. 2,037,665; Apr. 14.
- Boiler. C. A. Olson and J. P. Magos. 2,038,122-3; Apr. 21.
- Boiler. H. B. Smith. 2,058,043; Oct. 20.



- Boiler. W. E. Stark. 2,034,671; Mar. 17.  
 Boiler. Anne J. M. A. van der Does de Bijle. 2,034,452; Mar. 17.  
 Boiler and fluid heater, Steam. J. W. Hays. 2,048,446; July 21.  
 Boiler and furnace installation. W. R. Wood. 2,064,098; Dec. 15.  
 Boiler and furnace installation, Wet refuse burning. L. J. Schrenk. 2,057,450; Oct. 13.  
 Boiler blow off apparatus. A. Kirchhofer and W. A. Kline. 2,063,007; Dec. 1.  
 Boiler cleaner. L. J. Bayer. 2,039,874; May 5.  
 Boiler cleaner. L. C. Brown. 2,043,150; June 2.  
 Boiler cleaner. F. W. Linaker. 2,033,434; Mar. 10.  
 Boiler cleaner. F. W. Linaker. 2,059,592; Nov. 3.  
 Boiler cleaner. C. S. Turner. 2,052,907; Sept. 1.  
 Boiler cleaner. C. S. Turner. 2,060,910; Nov. 17.  
 Boiler cleaner. H. T. Weis. 2,052,912; Sept. 1.  
 Boiler cleaner support. L. J. Bayer. 2,051,069; Aug. 18.  
 Boiler cleaning composition. E. L. Smead. 2,042,130; May 26.  
 Boiler construction. P. Jackson. 2,035,605; Mar. 31.  
 Boiler construction, Water tube. K. L. Martin. 2,037,424; Apr. 14.  
 Boiler construction, Welded. J. R. Kruse. 2,064,123; Dec. 15.  
 Boiler feed and water heater, Vacuum line. C. B. Casity. 2,032,400; Mar. 3.  
 Boiler feed regulator. A. Magis. 2,032,426; Mar. 3.  
 Boiler for car heaters, Steam. R. F. Mullen. 2,048,882; July 28.  
 Boiler for steam locomotives, High-pressure. H. Nyffenegger and H. Sigrist. 2,062,601; Dec. 1.  
 Boiler furnace. J. G. Coutant. 2,033,685; Mar. 10.  
 Boiler furnace. J. E. Kennedy and J. V. Pyle. 2,039,537; May 5.  
 Boiler furnace steam plant, Multiple. C. W. Colby. 2,053,131; Sept. 1.  
 Boiler furnace wall. W. A. Jones. 2,034,677; Mar. 17.  
 Boiler having steam superheater interchangeable to feed preheater, Water tube. M. Ikeda. 2,045,914; June 30.  
 Boiler heater, Vertical type. O. A. Colby. 2,053,423; Sept. 8.  
 Boiler return trap. W. K. Simpson. 2,043,073; June 2.  
 Boiler tube cleaner. N. E. Nielsen. 2,057,842; Oct. 20.  
 Boiler tube cleaning construction. C. S. Turner. 2,027,495; Jan. 14.  
 Boiler water feed. D. McDonald. 2,056,973; Oct. 13.  
 Boiler with economizers, Steam. A. G. Blodgett. 2,065,559; Dec. 29.  
 Boilers and their furnaces, Supply and control system for. R. N. Miller. 2,065,285; Dec. 22.  
 Boilers, Arrangement of marine. K. G. Meldahl. 2,050,238; Aug. 4.  
 Boilers in seagoing vessels, Arrangement of. K. G. Meldahl. 2,050,237; Aug. 4.  
 Bolster. W. C. Hedgecock. 2,029,822; Feb. 4.  
 Bolster, Car truck. C. W. Sherman. 2,042,129; May 26.  
 Bolster for six-wheel trucks, Center. C. L. Orr. 2,040,706; May 12.  
 Bolster supporting mechanism. M. B. Hall. 2,060,370; Nov. 10.  
 Bolt. A. A. Kirley. 2,026,686; Jan. 7.  
 Bolt anchorage. W. M. Horton. 2,053,478; Sept. 8.  
 Bolt and the like and making. C. Kaufman. 2,064,918; Dec. 22.  
 Bolt and nut. G. B. Pickop. 2,036,604; Apr. 7.  
 Bolt and speed nut therefor. P. F. Berry. 2,055,166; Sept. 22.  
 Bolt assembly. E. Van Note. 2,053,806; Sept. 8.  
 Bolt assembly for motor vehicles, King. J. W. Leighton. 2,039,912; May 5.  
 Bolt, Battery terminal clamp. F. P. Heitman. 2,049,649; Aug. 4.  
 Bolt keeper, Electrically-releasable. H. F. Kell. 2,066,277; Dec. 29.  
 Bolt, Leakproof. N. Greenwell. 2,049,259; July 28.  
 Bolt machine. M. J. Riley. 2,038,542; Apr. 28.  
 Bolt making machine. W. L. Clouse. 2,026,823; Jan. 7.  
 Bolt making machine. W. L. Clouse. 2,057,418; Oct. 13.  
 Bolt, Patch. O. L. Neal. 2,043,861; June 9.  
 Bolt, Spring toggle. H. W. Pleister. 2,061,634; Nov. 24.  
 Bolt, Toggle. W. E. Snyder. 2,059,153; Oct. 27.  
 Bolt, Weather-tight. A. E. R. Peterka and K. A. Eckhardt. 2,056,688; Oct. 6.  
 Boltless expansion and connecting joint. C. H. Paris. 2,032,713; Mar. 3.  
 Bolts and the like, Producing. W. L. Clouse. 2,028,319; Jan. 21.  
 Bomb, Aircraft float light or smoke. H. J. Nichols. 2,035,185; Mar. 24.  
 Bomb, Oxygen. H. L. Parr. 2,065,870; Dec. 29.  
 Bomb, Projecting. T. de Bobula. 2,051,331; Aug. 18.  
 Bomb releasing guide. H. Raaber. 2,052,845; Sept. 1.  
 Bomb support. R. D. Carleton. 2,064,729; Dec. 15.  
 Bombing mechanism for aircraft. K. Laermann. 2,064,547; Dec. 15.  
 Bonded product with long temperature rang binders. W. A. Boughton and W. R. Mansfield. 2,054,356; Sept. 15.  
 Bonding. J. S. MacLean. 2,035,241; Mar. 24.  
 Bonds, Forming. R. Temple, Jr. 2,038,913; Apr. 28.  
 Bone conduction hearing aid. E. C. Nicholides. 2,062,372; Dec. 1.  
 Boning structure for garments. M. Sarachek. 2,056,742; Oct. 6.  
 Book. L. Ottinger. 2,034,413; Mar. 17.  
 Book. R. B. M. Taylor. 2,058,272; Oct. 20.  
 Book, Adjustable ring. H. T. Adams and N. D. Nachtrieb. 2,055,273; Sept. 22.  
 Book and attaching device, Combination. C. G. Stewart. 2,027,889; Jan. 14.  
 Book and binding strip therefor. H. C. Davis, I. A. Grabmeyer, and A. G. Van Loozen. 2,046,151; June 30.  
 Book and making same. B. W. Smith. 2,056,332; Oct. 6.  
 Bookbinder. I. and P. V. Spinner. 2,027,497; Jan. 14.  
 Book binding. P. W. Bidwell. 2,065,505; Dec. 29.  
 Book binding construction. F. S. Schade. 2,061,677; Nov. 24.  
 Bookbinding construction. F. S. Schade. 2,064,224; Dec. 15.  
 Bookbinding machine. R. B. M. Taylor. 2,046,278; June 30.  
 Book construction. R. C. O'Hair, Sr. 2,046,403; July 7.  
 Book construction. F. S. Schade. 2,030,472; Feb. 11.  
 Book construction. R. L. Smith. 2,027,563; Jan. 14.  
 Book cover. E. L. Woodley. 2,054,778; Sept. 15.  
 Book cover protector. A. T. Walraven. 2,057,986-7; Oct. 20.  
 Book cover, Self adjusting. R. Rosenberg. 2,053,050; Sept. 1.  
 Book end. J. Fanzoi. 2,031,698; Feb. 25.  
 Book end holder, Adjustable. H. Johnson. 2,051,448; Aug. 18.  
 Book folding machine. W. G. Reynolds and G. Schubach. 2,054,167; Sept. 15.  
 Book holder. L. H. Campos. 2,062,553; Dec. 1.  
 Bookholder. N. Manoilovich, E. Gruen, and C. H. Berill. 2,046,395; July 7.  
 Book holder and marker. P. C. Payne. 2,026,796; Jan. 7.  
 Bookkeeping and invoicing machine. E. Breitling. 2,060,167; Nov. 10.  
 Bookkeeping, Apparatus for teaching double entry. U. Schuster. 2,036,439; Apr. 7.  
 Bookkeeping machine. E. Breitling. 2,052,444; Aug. 25.  
 Bookkeeping machine. J. F. Goodwillie. 2,052,821; Sept. 1.  
 Bookkeeping machine. O. J. Sundstrand. 2,060,954; Nov. 17.  
 Bookkeeping machine. O. J. Sundstrand and W. A. Anderson. 2,056,747; Oct. 6.  
 Bookkeeping machine. H. zur Nieden. 2,052,861; Sept. 1.  
 Book, Loose leaf. W. Berberich. 2,052,207; Aug. 25.  
 Book, Loose leaf. J. Schade. 2,030,473; Feb. 11.  
 Book, Manifold. R. M. Bonn. 2,042,823; June 2.  
 Book, Manifolding. E. G. Nixon. 2,061,168; Nov. 17.  
 Bookmark. L. Kenedy. 2,060,624; Nov. 10.  
 Book match bar. M. Polacsek. 2,059,392; Nov. 3.  
 Book match dispenser. F. C. du Grenier. 2,057,770; Oct. 20.  
 Book or sheet holder. E. T. Ryang. 2,046,134; June 30.  
 Book rack. P. W. Pennington. 2,041,017; May 19.  
 Book rest. R. J. Pfister. 2,043,304; June 9.  
 Book series and toy house, Combination. E. N. Hempstone. 2,059,964; Nov. 3.  
 Book support. M. L. Svikhart. 2,062,482; Dec. 1.  
 Book supporting device. R. H. Burton. 2,059,679; Nov. 3.  
 Book, Wire bound. F. S. Schade. 2,050,545; Aug. 11.  
 Book, Wire-bound. F. S. Schade. 2,051,183; Aug. 18.  
 Booklet. J. J. Murray. 2,052,484; Aug. 25.  
 Books, Binding. I. and P. V. Spinner. 2,030,478; Feb. 11.  
 Books, re-covering. E. Hertzberg. 2,029,101; Jan. 23.  
 Boom for excavating machines. R. E. Ljungkull. 2,053,157; Sept. 1.  
 Boom yarder, Adjustable. R. S. Langdon. 2,035,134; Mar. 24.  
 Boomerang. R. T. Wing. 2,035,629; Mar. 31.  
 Booster. M. A. Garrison. 2,031,828; Feb. 25.  
 Booster pump. L. E. Hughes. 2,058,798; Oct. 27.  
 Boot and shoe sole trimmer. S. Minos and W. Sederis. 2,036,349; Apr. 7.  
 Boot hanger. C. C. Haumerson. 2,032,933; Mar. 3.  
 Boot, Heated. J. M. Pelosi. 2,028,347; Jan. 21.  
 Boot or galosh, Dog. D. Richman. 2,064,566; Dec. 15.  
 Boot or shoe. B. B. Enos. 2,050,751; Aug. 11.  
 Boot or shoe and making same. W. Kelley. 2,050,337; Aug. 11.  
 Boot or shoe, Making a. C. H. Daniels. 2,052,753; Sept. 1.  
 Boot pump. R. K. Hopkins. 2,027,979; Jan. 14.  
 Boot with extension top. N. E. Tousley. 2,054,958; Sept. 22.  
 Boots and shoes, Method of and machine for use in manufacturing. K. Engel. 2,042,513; June 2.  
 Boots and shoes, Method of and machine for use in manufacturing. A. E. C. Hall, A. C. Eek, and E. F. Huhn. 2,045,595; June 30.  
 Booth, Exhibition. F. E. Lohmeyer. 2,053,998; Sept. 8.  
 Booth, Telephone. P. H. Sherron. 2,028,627-8; Jan. 21.  
 Borax, Crystalline anhydrous. L. G. Black. 2,064,337; Dec. 15.  
 Borax, Producing calcined. W. H. Allen. 2,032,388; Mar. 3.  
 Borax, Production of noncrystalline. H. D. Hellmers. 2,062,650; Dec. 1.



- Border edger. R. F. Burke. 2,032,467; Mar. 3.  
 Border for mattress inner spring units. E. L. Bronstien. 2,065,423; Dec. 22.  
 Bore hole device and its use. A. Anderson. 2,058,287; Oct. 20.  
 Bore holes, Apparatus for surveying. A. Anderson. 2,058,286; Oct. 20.  
 Boring bar. A. E. Simonson. 2,038,611; Apr. 28.  
 Boring head, Spherical. A. Rothschild. 2,040,761; May 12.  
 Boring machine. J. M. Lundell and C. O. Hane. 2,039,728; May 5.  
 Boring machine. R. A. Miller. 2,031,173; Feb. 18.  
 Boring machine. W. D. Schmidt. 2,058,359-60; Oct. 20.  
 Boring machine and boring bar therefor, Portable. C. T. Rottler. 2,040,273; May 12.  
 Boring tool. H. Berg. 2,029,458; Feb. 4.  
 Boring tool. C. A. Kettl. 2,046,386; July 7.  
 Boring tool. A. E. Lundqvist. 2,053,486; Sept. 8.  
 Boring tool. E. A. Zempel. 2,043,689; June 9.  
 Boric acid esters. H. A. Piggott. 2,052,192; Aug. 25.  
 Boron carbide articles, Making. R. R. Ridgway and B. L. Bailey. 2,027,786; Jan. 14.  
 Bosom and collar and cuff press, Combined. E. A. Mall. 2,050,618; Aug. 11.  
 Bottle. A. G. Bush. 2,061,095; Nov. 17.  
 Bottle. J. M. Guthrie. 2,045,388; June 23.  
 Bottle. J. J. Nazimek. 2,056,864; Oct. 6.  
 Bottle. J. J. Quinn. 2,035,404; Mar. 24.  
 Bottle and making same. A. Hoffman. 2,047,903; July 14.  
 Bottle and nipple therefor, Infant's nursing. N. S. Murphy. 2,040,757; May 12.  
 Bottle and seal therefor. E. H. Fabrice. 2,061,067; Nov. 17.  
 Bottle and the like, Hot water. P. E. Young. 2,036,845; Apr. 7.  
 Bottle attachment. J. J. Muschinske and J. E. Mietke. 2,049,219; July 28.  
 Bottle, Beverage dispensing. G. J. Maloney. 2,031,172; Feb. 18.  
 Bottle breaker. R. J. Aul. 2,047,932; July 21.  
 Bottle breaking device. J. M. Young. 2,048,478; July 21.  
 Bottle cap and making same. W. T. Mason and H. J. Coleman. 2,030,884; Feb. 18.  
 Bottle capping and closing machine. J. J. Illian. 2,030,371; Feb. 11.  
 Bottle capping machine. J. G. Roehm and S. C. Bliss. 2,035,983; Mar. 31.  
 Bottle capping machine. O. N. Tevander. 2,047,911; July 14.  
 Bottle capping mechanism. R. J. Daniels. 2,049,761; Aug. 4.  
 Bottle carrier. H. A. Elliott. 2,052,756; Sept. 1.  
 Bottle carrier. J. A. R. Grenier. 2,065,803; Dec. 29.  
 Bottle carrier. C. Korte. 2,026,525; Jan. 7.  
 Bottle case. C. M. Buhl. 2,050,980; Aug. 11.  
 Bottle case. B. T. Lindell. 2,063,390; Dec. 8.  
 Bottle case. J. F. Maurer, Jr. 2,034,439; Mar. 17.  
 Bottle centering means. G. L. N. Meyer. 2,031,663; Feb. 25.  
 Bottle closure. C. Anaya. 2,030,841; Feb. 18.  
 Bottle closure. J. L. Conde. 2,040,362; May 12.  
 Bottle closure. I. Rosenbloom and R. Born. 2,029,896; Feb. 4.  
 Bottle closure. J. W. Smith. 2,036,549; Apr. 7.  
 Bottle closure. A. M. Whitney. 2,030,618; Feb. 11.  
 Bottle closure and dispenser. A. Landrin. 2,044,706; June 16.  
 Bottle closures, Making. B. Cohn. 2,059,554; Nov. 3.  
 Bottle collar. L. S. Olsen. 2,048,405; July 21.  
 Bottle container. J. W. Lang and A. M. Jensen. 2,059,006; Oct. 27.  
 Bottle cooling apparatus. P. Schlumbohm. 2,053,844; Sept. 8.  
 Bottle dispensing machine. C. A. Frick. 2,049,383; July 28.  
 Bottle filler. T. Petersen. 2,057,538; Oct. 13.  
 Bottle filling and capping machine. W. A. Barrett. 2,032,040; Feb. 25.  
 Bottle filling equipment. C. Zafuta. 2,028,097; Jan. 14.  
 Bottle filling method and apparatus. C. W. Bondurant. 2,060,276; Nov. 10.  
 Bottle filling valve. J. Kantor. 2,028,092; Jan. 14.  
 Bottle for corrosive liquids. O. C. Smith. 2,035,017; Mar. 24.  
 Bottle holder. A. C. Blevins. 2,029,051; Jan. 28.  
 Bottle holder. P. C. B. Houghton. 2,050,841; Aug. 11.  
 Bottle holder. T. J. Lockaton. 2,064,671; Dec. 15.  
 Bottle holder. W. Maguire. 2,048,612; July 21.  
 Bottle holder. L. B. Meyerson. 2,063,554; Dec. 8.  
 Bottle holder. F. C. Schroeder. 2,054,341; Sept. 15.  
 Bottle holder and closure-protector, Combined. J. I. Gordon. 2,041,755; May 26.  
 Bottle holder, Drawing ink. E. E. Shattow. 2,061,108; Nov. 17.  
 Bottle, Ink. F. M. Butler. 2,048,101; July 21.  
 Bottle, Inkwell. G. R. Weisz. 2,061,262; Nov. 17.  
 Bottle labeling machine. H. R. Berard. 2,061,823; Nov. 24.  
 Bottle labeling machine. W. S. Griffith. 2,064,108; Dec. 15.  
 Bottle machine, Automatic paper. H. T. Scott. 2,059,403; Nov. 3.  
 Bottle mouth. E. A. Ravenscroft. 2,039,345; May 5.  
 Bottle neck and closure therefor. F. L. Millard. 2,051,310; Aug. 18.  
 Bottle, Nonrefillable. A. Bodor. 2,064,189; Dec. 15.  
 Bottle, Nonrefillable. G. Cahill. 2,057,134; Oct. 13.  
 Bottle, Nonrefillable. J. J. Crossman. 2,053,191; Sept. 1.  
 Bottle, Nonrefillable. M. Dorman. 2,050,168; Aug. 4.  
 Bottle, Non-refillable. M. J. Freeman. 2,064,902; Dec. 22.  
 Bottle, Nonrefillable. L. A. Ihlein. 2,044,171; June 16.  
 Bottle, Nonrefillable. J. S. Junkin. 2,064,167; Dec. 15.  
 Bottle, Nonrefillable. W. Keenan. 2,047,270; July 14.  
 Bottle, Nonrefillable. J. Lalli. 2,039,811; May 5.  
 Bottle, Nonrefillable. A. Laube. 2,037,514; Apr. 14.  
 Bottle, Nonrefillable. J. R. Marshall. 2,045,278; June 23.  
 Bottle, Nonrefillable. J. A. Matson. 2,047,791; July 14.  
 Bottle, Nonrefillable. J. J. McDonald. 2,046,340; July 7.  
 Bottle, Nonrefillable. E. J. Morin. 2,059,012; Oct. 27.  
 Bottle, Nonrefillable. T. J. Taheny. 2,042,367; May 26.  
 Bottle, Nonrefillable. A. M. Whitney. 2,030,617; Feb. 11.  
 Bottle, Nonrefillable. J. T. A. Wilcox, G. Pooley, and H. M. Bonnaud. 2,043,138; June 2.  
 Bottle, Nursing. W. A. O'Dette. 2,043,186; June 2.  
 Bottle, Nursing. E. N. Perry. 2,061,477; Nov. 17.  
 Bottle, Nursing. J. F. Pierson and H. E. Krug. 2,056,124; Sept. 29.  
 Bottle, Nursing. B. Tauf. 2,043,718; June 9.  
 Bottle opening tool. S. G. Forman, Sr. and S. G. Forman, Jr. 2,061,459; Nov. 17.  
 Bottle packing method and means. J. L. Ferguson. 2,042,446; May 26.  
 Bottle, Paper. R. R. Guenther. 2,059,101; Oct. 27.  
 Bottle provided with combined drinking and measuring vessel. M. Samuel. 2,060,125; Nov. 10.  
 Bottle receptacle, Milk. G. S. Loree. 2,031,272; Feb. 18.  
 Bottle refilling detector. L. Haase. 2,032,478; Mar. 3.  
 Bottle stopper lock. F. E. Vanderhoof. 2,046,224; June 30.  
 Bottle stopper valve. F. J. Gargano and J. Nadler. 2,065,446; Dec. 22.  
 Bottle support. J. H. Morcom. 2,063,328; Dec. 8.  
 Bottle support. E. W. Napier. 2,056,863; Oct. 6.  
 Bottle, Telltale. D. D. Hull. 2,040,381; May 12.  
 Bottle tiering apparatus. F. E. Baker. 2,058,397; Oct. 27.  
 Bottle washing and conveying mechanism. R. J. Wynne. 2,044,041; June 16.  
 Bottle washing machine. A. E. Ladewig and G. F. Soelch. 2,051,090; Aug. 18.  
 Bottle, Water. M. B. Reach. 2,027,290; Jan. 7.  
 Bottle with a detector and an impeller, Nonrefillable. C. Fall. 2,059,568; Nov. 3.  
 Bottle wrapping machine. M. J. Milmo. 2,037,139; Apr. 14.  
 Bottles and like articles of hollow glassware, Making. G. E. Rowe. 2,059,147; Oct. 27.  
 Bottles and similar articles of hollow glassware, Method of and apparatus for manufacturing. L. G. Bates. 2,047,173; July 14.  
 Bottles, Apparatus for capping. L. B. Koch. 2,058,892; Oct. 27.  
 Bottles, Cleaning. F. Stegemann. 2,050,634; Aug. 11.  
 Bottles, Device for the prevention of refilling. J. W. Wandell and G. H. Mulhollen. 2,038,392; Apr. 21.  
 Bottles in boxes, Method and apparatus for inserting. E. B. Luckie. 2,036,421; Apr. 7.  
 Bottles, jars, and the like to leers, Transference of glass. W. Forster. 2,037,623; Apr. 14.  
 Bottles, Manufacturing paper. L. B. Koch and A. Bodor. 2,027,484; Jan. 14.  
 Bottles, nonrefillable, Rendering. W. J. Ward, C. E. Bauerle, and F. H. Dalrymple. 2,061,603; Nov. 24.  
 Bottles or other containers, Attachment or device for. E. D. Feldman. 2,059,635; Nov. 3.  
 Bottom construction for laminated containers. D. C. Shepard. 2,029,001; Jan. 28.  
 Bottom construction for the boat bodies of hydroairplanes, Cellular. H. N. Atwood. 2,029,047; Jan. 28.  
 Bottom filler. I. Tarlow. 2,053,502; Sept. 8.  
 Bottom stop for fasteners. R. C. Legat. 2,037,473; Apr. 14.  
 Boundary layer control for wings. E. A. Stalker. 2,041,786; May 26.  
 Bouquet holder. E. L. Johnson and O. Lundsten. 2,047,825; July 14.  
 Bowl and adjustable moisture tight cover therefor, Combination. S. J. Brandstein. 2,064,411; Dec. 15.  
 Bowl and footrest, Foot treating. A. Denocenzo. 2,061,142; Nov. 17.  
 Bowl, Self-draining separator. S. Beskow. 2,045,116; June 23.  
 Bowl, Toilet. A. A. Byerlein. 2,049,534; Aug. 4.  
 Bowl, Water closet. G. P. Gavin. 2,044,243; June 16.  
 Bowling alley and repairing same. B. Borders. 2,039,580; May 5.  
 Bowling apparatus. E. B. Meyer. 2,035,975; Mar. 31.  
 Bowls and similar receptacles over sinks, basins, tables, or benches, Supporting. G. F. Seaward. 2,036,506; Apr. 7.  
 Bowls, rollers, and such like, Manufacture of squeezing or expressing. D. Bamford. 2,041,520; May 19.



## Box: See—

- Annealing box.  
 Bait box.  
 Battery box.  
 Cake box.  
 Candy box.  
 Carburizing box.  
 Cardboard box.  
 Chick box.  
 Cigar box.  
 Cold box.  
 Collapsible box.  
 Collection box.  
 Delivery box.  
 Dice box.  
 Dispensing box.  
 Display box.  
 Double leader box.  
 Duplex cigar box.  
 Egg box.  
 Electrical outlet box.  
 Fare box.  
 Fly box.  
 Folded blank box.  
 Folding book-shaped box.  
 Folding box.  
 Fruit, berry and vegetable box.  
 Fruit box.  
 Insulating box.  
 Jewelry display box.  
 Journal box.  
 Junction box.  
 Kelly stuffing box.  
 Knock out box.  
 Line transfer box.  
 Lip stick box.  
 Loom shuttle-box.  
 Lunch box.  
 Mail box.  
 Match box.  
 Milk delivering box.  
 Miter box.  
 Molding and electric outlet box.  
 Necktie box.  
 Nesting box.  
 Outlet box.  
 Packing box.  
 Paint box.  
 Paper box.  
 Reducing box.  
 Safety coil box.  
 Separator box.  
 Service valve box.  
 Shipping and display box.  
 Slide frame and journal box.  
 Sign box.  
 Souvenir or message box.  
 Spool box.  
 Stuffing box.  
 Switch box.  
 Table dispensing box.  
 Underfloor duct box.  
 View or reading box.  
 Weight-latched box.  
 Wire bound box.  
 Box, F. A. Bartlett. 2,032,903; Mar. 3.  
 Box, S. Batdorf. 2,064,241; Dec. 15.  
 Box, B. B. Countryman. 2,051,027; Aug. 18.  
 Box, O. M. Driess. 2,033,760; Mar. 10.  
 Box, E. R. Evans. 2,028,276; Jan. 21.  
 Box, I. Hill. 2,044,301; June 16.  
 Box, O. L. Hotz. 2,026,975; Jan. 7.  
 Box, W. R. Looney. 2,040,774; May 12.  
 Box, H. L. Metzger. 2,029,888; Feb. 4.  
 Box, H. L. Myers. 2,036,822; Apr. 7.  
 Box, K. K. Newsom. 2,037,428; Apr. 14.  
 Box, H. W. Rueber. 2,041,024; May 19.  
 Box, N. Scandore. 2,037,341; Apr. 14.  
 Box, G. C. Snyder. 2,048,476; July 21.  
 Box, M. C. Usinger. 2,040,224; May 12.  
 Box, M. C. Usinger. 2,047,809; July 14.  
 Box, L. D. Young. 2,052,157; Aug. 25.  
 Box and box construction. J. Wilkins and A. T. Wyker. 2,036,975; Apr. 7.  
 Box and filler, Combination egg. W. B. Russell and M. H. Sidebotham. 2,060,442; Nov. 10.  
 Box and making it. G. R. Nelson. 2,026,698; Jan. 7.  
 Box and making the same. C. E. Clafl. 2,028,136; Jan. 21.  
 Box and making the same, Paper. C. L. Clafl. 2,044,935; June 23.  
 Box and manufacture thereof, Composite. F. R. Neely. 2,064,488; Dec. 15.  
 Box and shipping container. F. A. Hofmann. 2,052,977; Sept. 1.  
 Box and supporting device, Electrical receptacle wall. C. J. Spiegel. 2,050,132; Aug. 4.  
 Box assembly, Flexible stuffing. E. O. Bennett. 2,041,316; May 19.  
 Box blank folding mechanism. M. H. Sidebotham. 2,029,394; Feb. 4.  
 Box blanks, System for making. J. S. Stokes and E. G. Rider. 2,048,301; July 21.  
 Boxcar, Auto. H. L. Williams. 2,062,243; Nov. 24.  
 Box connector, Watertight. O. K. Coleman. 2,055,622; Sept. 29.  
 Box construction, Folding. J. R. Miller. 2,049,168; July 28.  
 Box dismembering machine. L. Mann. 2,029,885; Feb. 4.  
 Box ending tool. A. L. Rosenmund. 2,063,626; Dec. 8.  
 Box ends, Method of and apparatus for making. H. J. Goff. 2,038,510; Apr. 21.  
 Box fastener. C. E. Gustafson and H. R. Holbrook. 2,028,661; Jan. 21.  
 Box filler, Cellular. J. Wilkins. 2,046,985; July 7.  
 Box for centrifuges, Packing. H. O. Lindgren. 2,055,904; Sept. 29.  
 Box for wardrobe trunks, Man's hat. J. Ritter, Jr. 2,028,247; Jan. 21.  
 Box-forming system. E. G. Rider. 2,038,129; Apr. 21.  
 Box lid holding device. F. P. Tropea. 2,061,413; Nov. 17.  
 Box lining machine. J. Schnur. 2,065,828; Dec. 29.  
 Box machine. T. Federwitz. 2,044,606; June 16.  
 Box, Making a. E. W. Labombarde. 2,043,104; June 2.  
 Box making machine. J. W. McCarthy. 2,051,308; Aug. 18.  
 Box manufacture. L. J. Kryll. 2,049,123; July 28.  
 Box marking appliance. H. J. Mumma and Z. Leonard. 2,040,524; May 12.  
 Box moving mechanism. C. H. Paxton. 2,062,525; Dec. 1.  
 Box or carton. F. J. Schleicher. 2,034,358; Mar. 17.  
 Box part, Metal edged. J. M. Shields. 2,045,374; June 23.  
 Box parts, Stapling. G. C. Babcock, Jr. 2,046,359; July 7.  
 Box, Returnable. S. A. Nagy. 2,055,668; Sept. 29.  
 Box segregator and stacker. H. Paxton. 2,038,758; Apr. 28.  
 Box stapling machine. J. W. Ekstedt. 2,033,459; Mar. 10.  
 Box stitching machine. M. N. Matveyeff. 2,054,548; Sept. 15.  
 Box structure. J. F. Maurer, Jr. 2,034,440; Mar. 17.  
 Box structure, Paper. A. M. White and A. K. Siler. 2,033,020; Mar. 3.  
 Box switching unit. G. C. Paxton. 2,062,604; Dec. 1.  
 Box toe. H. S. Miller, H. E. Goodwin, and S. P. Lovell. 2,033,727; Mar. 10.  
 Box with cover and hinge therefor. H. H. Wanders. 2,040,191; May 12.  
 Box with end wall latches, Collapsible. A. L. Whiton. 2,032,032; Feb. 25.  
 Boxes, Attachment for rural mail. H. K. Boling. 2,041,588; May 19.  
 Boxes, Finishing paper. C. L. Clafl. 2,056,092; Sept. 29.  
 Boxes, Making paper. C. L. Clafl. 2,056,093-4; Sept. 29.  
 Boxes or carbon blanks bearing printed matter and resulting product, Producing. W. F. Grupe. 2,048,693; July 28.  
 Brace: See—  
 Adjustable rail brace. Scoliosis corrective brace.  
 Guard rail brace. Screen door brace.  
 Rail brace.  
 Brace, J. W. Bumgardner. 2,037,877; Apr. 21.  
 Brace, S. R. Hickok. 2,030,791; Feb. 11.  
 Brace, B. Paris. 2,064,077; Dec. 15.  
 Brace or stay for hinged covers and the like. M. P. Browne. 2,035,944; Mar. 31.  
 Bracing means for case ladings. H. Schroeder. 2,053,638; Sept. 8.  
 Bracing system for concrete forms. A. W. Hecker. 2,057,378; Oct. 13.  
 Bracelet. C. L. MacIntosh. 2,046,079; June 30.  
 Bracelet. G. H. Marshall. 2,064,934; Dec. 22.  
 Bracelet. A. H. Metcalf. 2,045,282; June 23.  
 Bracelet. A. Philippe. 2,061,479; Nov. 17.  
 Bracelet chain or linkage. C. H. Kestenman. 2,055,541; Sept. 29.  
 Bracelet, Multiple ring. C. G. King. 2,031,110; Feb. 18.  
 Bracelet or pendant watchcase. J. Goldblatt. 2,032,696; Mar. 3.  
 Bracelet or the like. M. Chernow. 2,052,381; Aug. 25.  
 Bracelet, or the like, structures. R. Everitt. 2,030,974; Feb. 18.  
 Bracelet structure. K. C. Augenstein. 2,055,328; Sept. 22.  
 Bracket: See—  
 Adjustable bracket. Shelving bracket.  
 Adjustable sink bracket. Showcase bracket.  
 Blind bottom rail bracket. Supporting bracket.  
 Extension lamp bracket. Ticket supporting bracket.  
 Fence bracket. Track bracket.  
 Folding bracket. Trailer hitch bracket.  
 Lamp bracket. Venetian blink bracket.  
 Self-locking bracket. Wall bracket.  
 Bracket, G. Burlin. 2,045,751; June 30.  
 Bracket, C. E. Karst. 2,051,408; Aug. 18.  
 Bracket, P. Lisicke. 2,032,023; Feb. 25.  
 Bracket, J. Pudliner. 2,035,568; Mar. 31.  
 Bracket construction. H. F. Keil. 2,060,760; Nov. 10.  
 Bracket for a streamline traffic signal. J. N. Ford. 2,055,285; Sept. 22.  
 Bracket for auto license tags or the like. L. M. Bruns. 2,042,768; June 2.  
 Bracket for automobile jacks, Lifting. R. LeR. Sheetz. 2,063,060; Dec. 8.  
 Bracket for fire extinguishers, Supporting. F. A. Dodelin. 2,029,707; Feb. 4.  
 Bracket for plumbing fittings. E. S. Cornell, Jr. 2,053,262; Sept. 8.  
 Bracket for window shelves. T. L. L. McAfee. 2,033,043; Mar. 3.  
 Brackets, Producing orthodontic band. S. Richardson. 2,045,025; June 23.  
 Braid. W. S. Titcomb. 2,030,947; Feb. 18.  
 Braid and making same, Machine-made. R. W. Hale. 2,036,805; Apr. 7.  
 Braid and making same, Machine-made tubular. R. W. Hale. 2,064,974; Dec. 22.  
 Braid, Elastic. R. T. Dawes. 2,032,265; Feb. 25.  
 Braider carrier. J. R. Dennis. 2,043,285; June 9.  
 Braider carrier. R. V. Olson and B. A. Johnson. 2,053,161; Sept. 1.  
 Braiding carrier. M. Krissiep. 2,028,222; Jan. 21.  
 Braiding machine. C. M. Lawson and B. Hutnick. 2,042,065; May 22.  
 Braiding machine carrier. R. W. Hale. 2,028,744; Jan. 28.  
 Braiding machine carrier. R. M. Scott and J. G. Aldrich. 2,589,918; Oct. 27.  
 Braille writer. G. J. Miller and J. Hurliman. 2,028,516; Jan. 21.  
 Brake: See—  
 Air brake. Bending brake.  
 Aircraft brake. Car brake.  
 Aircraft wheel brake. Clasp brake.  
 Auto brake. Disk brake.  
 Automatic brake. Eddy current brake.  
 Automatic parking brake. Electric brake.  
 Automatic reverse brake. Electrical disk brake.  
 Automobile brake. Electrically controlled brake.  
 Band brake.



- Brake: See—  
 Electromagnetic brake.  
 Electropneumatic brake.  
 Empty and load brake.  
 External contracting brake.  
 Fluid brake.  
 Fluid pressure brake.  
 Friction brake.  
 Ground engaging brake.  
 Hand brake.  
 Hub brake.  
 Hydraulic brake.  
 Hydro-pneumatic brake.  
 Magnetic brake.  
 Magnetic rail brake.  
 Motor vehicle brake.  
 One-way brake.  
 Parking brake.  
 Passenger brake.  
 Power hand brake.  
 Prony brake.  
 Railway brake.  
 Railway car brake.  
 Railway vehicle brake.  
 Remote controlled brake.  
 Safety brake.  
 Self-adjusting brake.  
 Speed controlled brake.  
 Spindle brake.  
 Trailer brake.  
 Truck wheel brake.  
 Vehicle brake.  
 Vehicle safety brake.
- Brake. M. Amirault. 2,036,385; Apr. 7.  
 Brake. W. L. Avery. 2,028,488; Jan. 21.  
 Brake. R. A. Babel. 2,048,420; July 21.  
 Brake. W. H. Baselt. 2,033,319; Mar. 10.  
 Brake. W. H. Baselt. 2,064,367; Dec. 15.  
 Brake. W. J. Baum and W. O. Wilson. 2,046,806; July 7.  
 Brake. R. S. Begg. 2,038,707; Apr. 28.  
 Brake. V. Bendix. 2,063,024; Dec. 8.  
 Brake. V. Bendix and L. E. La Brie. 2,028,583; Jan. 21.  
 Brake. L. K. Bond. 2,055,835; Sept. 29.  
 Brake. E. B. Boughton and G. Van Vestrout. 2,030,848; Feb. 18.  
 Brake. H. C. Bowen. 2,037,455; Apr. 14.  
 Brake. C. S. Bragg and V. W. Kliesrath. 2,057,704; Oct. 20.  
 Brake. W. A. Carnes. 2,055,335; Sept. 22.  
 Brake. E. G. Carroll. 2,057,707; Oct. 20.  
 Brake. E. G. Carroll. 2,060,854; Nov. 17.  
 Brake. E. G. Carroll and J. R. Cox. 2,057,706; Oct. 20.  
 Brake. W. S. Ceabloom. 2,038,268; Apr. 21.  
 Brake. P. H. Crary. 2,042,390; May 26.  
 Brake. T. K. Crossland. 2,032,473; Mar. 3.  
 Brake. M. M. Cunningham and E. H. Berno. 2,038,207; Apr. 21.  
 Brake. J. T. Dickson. 2,057,422; Oct. 13.  
 Brake. A. Y. Dodge. 2,031,762; Feb. 25.  
 Brake. A. Y. Dodge. 2,033,186; Mar. 10.  
 Brake. A. Y. Dodge. 2,044,973; June 23.  
 Brake. A. Y. Dodge. 2,048,436; July 21.  
 Brake. A. Y. Dodge. 2,064,595; Dec. 15.  
 Brake. C. L. Eksergian. 2,042,445; May 26.  
 Brake. F. D. Fisher and G. Fisher, Jr. 2,065,679; Dec. 29.  
 Brake. F. C. Frank. 2,038,213; Apr. 21.  
 Brake. F. C. Frank. 2,041,462-3; May 19.  
 Brake. R. A. Goepfrich. 2,045,010; June 23.  
 Brake. O. L. Harbarger. 2,052,824; Sept. 1.  
 Brake. M. W. Hard and C. Peterson. 2,057,824; Oct. 20.  
 Brake. B. E. House. 2,032,058; Feb. 25.  
 Brake. B. E. House. 2,051,855; Aug. 25.  
 Brake. E. Kaufmann. 2,055,413; Sept. 22.  
 Brake. G. S. Knapp. 2,042,850; June 2.  
 Brake. R. F. Kohr. 2,031,717; Feb. 25.  
 Brake. R. F. Kohr. 2,038,224; Apr. 21.  
 Brake. R. F. Kohr. 2,064,613; Dec. 15.  
 Brake. H. J. Kratzer. 2,063,936; Dec. 15.  
 Brake. L. E. La Brie. 2,028,613-4; Jan. 21.  
 Brake. L. E. La Brie. 2,038,225; Apr. 21.  
 Brake. L. E. La Brie. 2,041,476; May 19.  
 Brake. L. E. La Brie. 2,044,989-90; June 23.  
 Brake. L. E. La Brie. 2,046,420; July 7.  
 Brake. L. E. La Brie. 2,051,867; Aug. 25.  
 Brake. L. E. La Brie. 2,057,723-4; Oct. 20.  
 Brake. L. E. La Brie. 2,060,874-9; Nov. 17.  
 Brake. L. E. La Brie. 2,064,616-18; Dec. 15.  
 Brake. L. E. La Brie and A. Rosner. 2,044,988; June 23.  
 Brake. F. E. Laramore. 2,047,587; July 14.  
 Brake. B. Levy. 2,065,382; Dec. 22.  
 Brake. A. O. McCollum. 2,049,656; Aug. 4.  
 Brake. M. W. McConkey. 2,051,879; Aug. 25.  
 Brake. M. W. McConkey. 2,060,885-6; Nov. 17.  
 Brake. W. H. Means. 2,027,487; Jan. 14.  
 Brake. H. F. Parker. 2,059,270; Nov. 3.  
 Brake. H. F. Parker and B. E. House. 2,031,730; Feb. 25.  
 Brake. H. F. Parker and B. E. House. 2,060,891; Nov. 17.  
 Brake. N. W. Pearson. 2,042,624; June 2.  
 Brake. F. G. Presnell. 2,034,922; Mar. 24.  
 Brake. C. Puteh, Jr. 2,050,121; Aug. 4.  
 Brake. F. C. Reilly and J. W. Jones. 2,039,187; Apr. 28.  
 Brake. A. Rosner. 2,028,625; Jan. 21.  
 Brake. A. Rosner. 2,038,200; Apr. 21.  
 Brake. R. S. Sanford. 2,041,492; May 19.  
 Brake. R. S. Sanford. 2,048,472; July 21.  
 Brake. R. S. Sanford. 2,051,904; Aug. 25.  
 Brake. R. S. Sanford. 2,055,241; Sept. 22.  
 Brake. R. S. Sanford. 2,057,743; Oct. 20.  
 Brake. R. S. Sanford and F. L. O. Wadsworth. 2,066,077; Dec. 29.  
 Brake. C. Sauzedde. 2,034,732; Mar. 24.  
 Brake. C. A. Sawtelle. 2,051,275; Aug. 18.  
 Brake. J. Sneed. 2,031,390; Feb. 18.  
 Brake. J. Sneed. 2,035,843; Mar. 31.  
 Brake. R. W. Sohl. 2,043,933; June 9.  
 Brake. J. W. Tatter. 2,064,573-4; Dec. 15.  
 Brake. E. V. Taylor. 2,051,916; Aug. 25.  
 Brake. E. V. Taylor. 2,064,575; Dec. 15.  
 Brake. C. H. Taylor. 2,060,909; Nov. 17.  
 Brake. A. P. Thomas. 2,064,578; Dec. 15.  
 Brake. W. Thompson. 2,041,980; May 26.  
 Brake. R. C. L. P. Turgot. 2,031,747; Feb. 25.  
 Brake. H. D. Van Brunt. 2,031,517; Feb. 18.  
 Brake. F. L. O. Wadsworth. 2,060,912; Nov. 17.  
 Brake. C. P. Weldon. 2,027,135; Jan. 7.  
 Brake. J. W. White. 2,050,681; Aug. 11.  
 Brake. C. L. White. 2,060,917; Nov. 17.  
 Brake actuating device. F. J. Van Laanen, Jr. 2,041,385; May 19.  
 Brake actuating mechanism. H. G. Jackson. 2,050,702; Aug. 11.  
 Brake actuating mechanism. S. Schnell. 2,030,272; Feb. 11.  
 Brake actuating mechanism. J. W. White. 2,050,682-3; Aug. 11.  
 Brake actuating system. G. E. Edmunds. 2,050,937; Aug. 11.  
 Brake actuating unit, Fluid pressure. C. Sauzedde. 2,057,694; Oct. 20.  
 Brake actuator for trailers, Automatic. W. Sather. 2,035,023; Mar. 24.  
 Brake adjusting device. F. Perazzo and G. Johansson. 2,062,819; Dec. 1.  
 Brake adjusting device. R. C. L. P. Turgot. 2,051,920; Aug. 25.  
 Brake adjustment indicating means. J. W. Baird. 2,032,392; Mar. 3.  
 Brake and clutch, Rolling pressure. M. B. A. Doring. 2,045,179; June 23.  
 Brake and control valve therefor, Vehicle. W. J. Besler. 2,057,132; Oct. 13.  
 Brake and door interlock device. G. L. Cotter. 2,039,705; May 5.  
 Brake and flat dough molder, Combination dough. E. J. Lauterbur. 2,034,346; Mar. 17.  
 Brake and jack, Hydraulic. E. C. S. Clench. 2,052,547; Sept. 1.  
 Brake apparatus. H. T. Lambert. 2,063,444; Dec. 8.  
 Brake apparatus. F. E. Luebkert. 2,062,670; Dec. 1.  
 Brake apparatus. R. J. Norton. 2,028,621; Jan. 21.  
 Brake apparatus. E. Price. 2,059,028; Oct. 27.  
 Brake apparatus, Automatic. D. H. Schwyer. 2,052,944; Sept. 1.  
 Brake apparatus, Combined electric and pneumatic. J. W. Logan, Jr., and G. W. Baughman. 2,052,201; Aug. 25.  
 Brake apparatus, Fluid pressure. C. C. Farmer. 2,042,091; May 26.  
 Brake apparatus for a wheel. S. Saito and N. Yamamoto. 2,053,302; Sept. 8.  
 Brake apparatus for cars. J. M. Dapron. 2,065,212; Dec. 22.  
 Brake apparatus for wheels. S. Saito and N. Yamamoto. 2,051,967-8; Aug. 25.  
 Brake apparatus, Momentum-actuated. H. T. Lambert. 2,063,445; Dec. 8.  
 Brake-applying means. L. E. La Brie. 2,060,873; Nov. 17.  
 Brake assembly, Vehicle. C. A. Sawtelle and A. A. Darmstaetter. 2,057,847; Oct. 20.  
 Brake beam. J. P. Gallagher. 2,059,225; Nov. 3.  
 Brake beam. C. P. Widdiecombe. 2,058,199; Oct. 20.  
 Brake beam and bottom rod support for cars, Combined. R. D. Smith. 2,042,740; June 2.  
 Brake beam safety support. S. H. Campbell and F. H. Pietzsch. 2,031,691; Feb. 25.  
 Brake beam structure. F. T. De Long. 2,049,425; Aug. 4.  
 Brake beam structure. F. T. De Long. 2,049,536; Aug. 4.  
 Brake beam support. E. G. Busse. 2,040,512-13; May 12.  
 Brake bottom rod support. H. E. Anderson. 2,047,455; July 14.  
 Brake circuit checking device. J. W. Logan, Jr. 2,042,111; May 26.  
 Brake construction. J. W. White. 2,054,186; Sept. 15.  
 Brake construction for hoists. F. P. Porter. 2,061,209; Nov. 17.  
 Brake construction for rotary draw-works. G. Tremolada. 2,053,541; Sept. 8.  
 Brake construction, Trailer. T. E. McFall. 2,027,606; Jan. 14.  
 Brake control. G. B. Ritter. 2,038,681; Apr. 28.  
 Brake control apparatus. C. L. Calarco and G. Leofanti. 2,038,883; Apr. 28.  
 Brake control apparatus. J. W. Logan, Jr. 2,035,087; Mar. 24.  
 Brake control, Automatic fluid. LeR. Cook. 2,063,366; Dec. 8.  
 Brake control, Fluid pressure. J. W. Logan, Jr. 2,032,177; Feb. 25.  
 Brake control, Locomotive. C. H. McKinstry. 2,045,159; June 23.  
 Brake control means. C. C. Farmer. 2,055,107; Sept. 22.  
 Brake control means. E. E. Hewitt. 2,038,174; Apr. 21.  
 Brake control means. J. C. McCune. 2,035,086; Mar. 24.  
 Brake control mechanism. W. R. Freeman. 2,030,287-8; Feb. 11.  
 Brake control mechanism. S. Schnell. 2,050,466; Aug. 11.  
 Brake control mechanism, Aircraft. E. F. Goodyear, J. Wright, and H. Trevaskis. 2,031,412; Feb. 18.



- Brake control, Service and emergency. H. K. Jenkins. 2,065,459; Dec. 22.
- Brake control system. S. G. Down. 2,048,325; July 21.
- Brake control, Vehicle. H. A. Ranlett. 2,036,099; Mar. 31.
- Brake control, Vehicle. H. A. Ranlett. 2,053,495; Sept. 8.
- Brake controlling device. S. G. Down. 2,045,181; June 23.
- Brake controlling device. J. W. Logan, Jr. 2,045,155; June 23.
- Brake controlling means. R. J. Bush. 2,039,701; May 5.
- Brake cooling means. J. R. Cautley. 2,041,457; May 19.
- Brake device. H. A. Musham. 2,043,444; June 9.
- Brake device, Electric. G. W. Baughman. 2,052,199; Aug. 25.
- Brake device, Fluid pressure. C. A. Taylor. 2,040,451; May 12.
- Brake device, Power. C. R. North. 2,051,150; Aug. 18.
- Brake drum. C. W. Dake. 2,046,369; July 7.
- Brake drum. A. Y. Dodge. 2,051,830; Aug. 25.
- Brake drum. J. L. Dostal. 2,042,654; June 2.
- Brake drum. W. H. Farr. 2,059,170; Oct. 27.
- Brake drum. H. J. Horn. 2,038,842; Apr. 28.
- Brake drum. L. E. la Brie. 2,057,725; Oct. 20.
- Brake drum. E. A. Nelson. 2,041,776; May 26.
- Brake drum. F. H. Wells. 2,055,244; Sept. 22.
- Brake drum, Composite. D. J. Campbell. 2,037,212; Apr. 14.
- Brake drum construction. A. S. Van Halteren. 2,042,750; June 2.
- Brake drums, Making. D. J. Campbell. 2,035,142; Mar. 24.
- Brake drums, Making. W. H. Farr. 2,026,878; Jan. 7.
- Brake drums, Making. H. H. Timken. 2,044,924; June 23.
- Brake drums, Making flanged. C. W. Dake and R. K. Johnson. 2,042,701; June 2.
- Brake drums, Making flanged. J. E. Linabury. 2,056,528; Oct. 6.
- Brake drums, Treating. J. H. Hunt and A. P. Schweizer. 2,061,769; Nov. 24.
- Brake equalizer. K. C. Bugg. 2,050,083; Aug. 4.
- Brake equalizer. C. L. Hagan. 2,033,428; Mar. 10.
- Brake equalizer. C. F. Johnson. 2,052,473; Aug. 25.
- Brake equalizing mechanism for motor vehicles. J. L. Nall. 2,027,873; Jan. 14.
- Brake for automobiles. E. Delay. 2,065,432; Dec. 22.
- Brake for automobiles, Hydraulic safety. G. C. Higbee. 2,029,070; Jan. 28.
- Brake for automobiles, Safety. R. W. Derk. 2,055,786; Sept. 29.
- Brake for bicycles, Coaster. M. P. Whitney. 2,031,994; Feb. 25.
- Brake for draw works, Water cooled. B. Boykin, Jr. 2,051,236; Aug. 18.
- Brake for epicyclic gearing, Freewheel mechanism and the like, Band. E. F. Puls. 2,038,443; Apr. 21.
- Brake for fishing reels. L. A. Harris. 2,059,519; Nov. 3.
- Brake for foot steered vehicles. L. Gelbman. 2,028,445; Jan. 21.
- Brake for motor vehicle. C. L. Walker. 2,062,848; Dec. 1.
- Brake for motor vehicles. C. R. and J. R. Kittle. 2,051,088; Aug. 18.
- Brake for motor vehicles, Automatically controlled. A. Weiss. 2,059,069; Oct. 27.
- Brake for movable parts. H. Heritler. 2,035,387; Mar. 24.
- Brake for overhead suspended traveling cars. H. Fraser. 2,035,700; Mar. 31.
- Brake for portable tables. S. M. Bandura. 2,058,205; Oct. 20.
- Brake for railway switch machines, Mechanical. H. B. Taylor. 2,051,400; Aug. 18.
- Brake for railway trains, Automatic. P. Hallot. 2,041,603; May 19.
- Brake for trailers, Parking. C. V. Gardner. 2,048,692; July 28.
- Brake for vehicles. D. S. de Lavaud. 2,034,977; Mar. 24.
- Brake for vehicles, Hydraulic. T. L. Maisch. 2,042,539; June 2.
- Brake for vehicles, Safety. S. M. Coffman. 2,057,817; Oct. 20.
- Brake gear device, Railway. E. G. Busse. 2,053,548; Sept. 8.
- Brake gear for mechanically propelled vehicles, Automatic. J. I. and J. H. Booth. 2,049,798; Aug. 4.
- Brake hanger. J. Hume. 2,048,338; July 21.
- Brake head. G. A. Spiller. 2,031,184; Feb. 18.
- Brake head. G. A. Spiller. 2,035,676; Mar. 31.
- Brake head arrangement. A. H. Peycke. 2,031,127; Feb. 18.
- Brake hook-up, Emergency. J. Dykstra. 2,063,729; Dec. 8.
- Brake lever. N. E. Wahlberg. 2,049,144; July 28.
- Brake lever extension. G. F. Bahr. 2,043,206; June 2.
- Brake lining. W. Nanfeldt. 2,061,919; Nov. 24.
- Brake lining and making the same, Molded. W. Nanfeldt. 2,061,918; Nov. 24.
- Brake lining apparatus, Molded. W. Nanfeldt. 2,059,387; Nov. 3.
- Brake lining device. A. C. Hoffman. 2,027,822-3; Jan. 14.
- Brake lining drilling and countersinking machine. G. W. Fleming. 2,059,223; Nov. 3.
- Brake lining unit, Quick detachable. L. Berry and C. W. Harrison. 2,037,109; Apr. 14.
- Brake lock. G. W. Godsey. 2,031,829; Feb. 25.
- Brake lock. S. M. McDonnell. 2,030,753; Feb. 11.
- Brake mechanism. B. A. Barrett and G. E. Perreault. 2,028,491; Jan. 21.
- Brake mechanism. V. Bendix. 2,046,053; June 30.
- Brake mechanism. R. H. Casler. 2,062,806; Dec. 1.
- Brake mechanism. R. H. Casler and W. A. Eaton. 2,062,500; Dec. 1.
- Brake mechanism. F. W. Cotterman. 2,035,865; Mar. 31.
- Brake mechanism. R. A. Crockett. 2,032,837; Mar. 3.
- Brake mechanism. L. H. Doyle. 2,037,709; Apr. 21.
- Brake mechanism. W. A. Eaton. 2,035,305; Mar. 24.
- Brake mechanism. W. A. Eaton. 2,043,610; June 9.
- Brake mechanism. M. W. Hard and C. Peterson. 2,048,931; July 28.
- Brake mechanism. L. Harvey. 2,047,556; July 14.
- Brake mechanism. S. Johnson, Jr., and W. A. Eaton. 2,053,614; Sept. 8.
- Brake mechanism. H. T. Lambert. 2,063,443; Dec. 8.
- Brake mechanism. M. Loughhead. 2,034,915; Mar. 24.
- Brake mechanism. M. Loughhead. 2,065,084; Dec. 22.
- Brake mechanism. L. A. Majneri. 2,029,884; Feb. 4.
- Brake mechanism. A. F. O'Connor. 2,047,168; July 7.
- Brake mechanism. C. W. Sewell. 2,041,268; May 19.
- Brake mechanism. G. L. Smith. 2,060,429; Nov. 10.
- Brake mechanism. J. W. Tatter. 2,050,902; Aug. 11.
- Brake mechanism. J. W. Tatter. 2,057,749; Oct. 20.
- Brake mechanism. G. J. Thomas. 2,029,087; Jan. 28.
- Brake mechanism. G. J. Thomas. 2,044,958; June 23.
- Brake mechanism. S. Vorech and S. Johnson, Jr. 2,041,884; May 26.
- Brake mechanism. J. W. White. 2,041,890; May 26.
- Brake mechanism. J. W. White. 2,046,140; June 30.
- Brake mechanism, Air. D. C. Hessian. 2,030,039; Feb. 4.
- Brake mechanism, Automatic. C. B. House. 2,044,944; June 23.
- Brake mechanism for auto trucks and trailers, Electric. R. E. Adams. 2,039,509; May 5.
- Brake mechanism for automotive vehicles. C. S. Bragg and V. W. Kliersath. 2,028,586; Jan. 21.
- Brake mechanism for automotive vehicles. C. S. Bragg and V. Kliersath. 2,043,732; June 9.
- Brake mechanism for railway cars, Locking and releasing hand. J. A. Hyle and W. L. Edwards. 2,051,214; Aug. 18.
- Brake mechanism for well machinery. A. J. Neff. 2,052,937; Sept. 1.
- Brake mechanism, Hand. R. W. Burnett. 2,054,651; Sept. 15.
- Brake mechanism, Motor vehicle. A. H. Lloyd. 2,061,081; Nov. 17.
- Brake mechanism, Variable leverage. A. B. Wilshusen. 2,058,541; Oct. 27.
- Brake mechanism, Vehicle. E. Frankland. 2,045,593; June 30.
- Brake mechanism, Vehicle reverse. W. W. Kelly. 2,044,475; June 16.
- Brake mechanism, Vehicle reverse. W. P. Lyons. 2,050,759; Aug. 11.
- Brake operating mechanism. C. W. Gallaher, Jr. 2,048,254; July 21.
- Brake operating mechanism. E. J. Ohliger. 2,043,516; June 9.
- Brake operating mechanism. M. Tibbetts. 2,045,886; June 30.
- Brake operating mechanism for railway hand cars. H. E. Osborn. 2,062,759; Dec. 1.
- Brake operating mechanism for trailers of motor vehicles. O. D. North and P. G. Hugh. 2,055,109; Sept. 22.
- Brake operating mechanism, Power. L. H. Browne. 2,052,551; Sept. 1.
- Brake or clutch, Electromagnetic band. A. Ryba. 2,052,846; Sept. 1.
- Brake release control mechanism for vehicles. L. S. Gunderman. 2,027,424; Jan. 14.
- Brake retardation controller. J. W. Logan, Jr. 2,052,203-4; Aug. 25.
- Brake retardation controller. E. E. Hewitt. 2,058,015; Oct. 20.
- Brake rigging. J. E. Redford. 2,028,623; Jan. 21.
- Brake rim and water cooling circulating system for draw-works, Free expanding. J. S. Morgan, Jr. 2,038,188; Apr. 21.
- Brake shoe. W. P. Cox. 2,048,921; July 28.
- Brake shoe. W. H. Delahaye. 2,048,433; July 21.
- Brake shoe. I. N. Eustis. 2,065,571; Dec. 29.
- Brake shoe. F. M. Green. 2,040,551; May 12.
- Brake shoe. R. B. Pogue. 2,035,720; Mar. 31.
- Brake shoe. A. Rosner. 2,048,468; July 21.
- Brake shoe. J. Sneed. 2,048,574; July 21.
- Brake shoe. S. Whitworth. 2,057,753; Oct. 20.
- Brake shoe and forming same. R. S. Begg, G. C. R. Kuiper, and J. R. Almond. 2,032,864; Mar. 3.
- Brake shoe centralizing device. W. Storrie. 2,029,138; Jan. 28.
- Brake shoe equalizing device. J. L. Nall. 2,027,874; Jan. 14.
- Brake shoe key. F. Schaefer. 2,051,909; Aug. 25.
- Brake shoe pressure adjusting apparatus for railway vehicles, Automatic. A. Dietrich. 2,040,203; May 12.
- Brake shoe roller pin, Adjustable. E. T. Condon. 2,034,088; Mar. 17.
- Brake shoes, Automatically adjusting. W. Page. 2,036,074; Mar. 31.



- Brake shoes centrifugally, Apparatus for casting. W. B. Weaver. 2,052,043; Aug. 25.
- Brake shoes, Forming. W. F. Smith. 2,047,084; July 7.
- Brake shoes, Setting. C. D. Stromgren. 2,045,882; June 30.
- Brake structure. F. T. De Long. 2,049,426; Aug. 4.
- Brake structure, Railway. E. G. Busse. 2,049,601; Aug. 4.
- Brake system. B. S. Aikman. 2,030,955; Feb. 18.
- Brake system. H. Pieper. 2,029,670; Feb. 4.
- Brake system. G. W. and C. T. Smith. 2,044,999; June 23.
- Brake system and bleeder valve therefor. Air. W. B. Tallydy. 2,039,751; May 5.
- Brake system for automobiles. W. Dieter. 2,062,167; Nov. 24.
- Brake system for automotive vehicles, Vacuum. C. S. Bragg and V. W. Kliersath. 2,037,758; Apr. 21.
- Brake system for motor vehicles, Power. E. A. Rockwell and E. R. Evans. 2,035,922; Mar. 31.
- Brake system for vehicles. W. B. Stout, E. H. Wright, and O. G. Blocher. 2,056,223; Oct. 6.
- Brake system, Hydraulic. C. C. Francis and E. J. Sears. 2,056,940; Oct. 13.
- Brake system, Hydraulic. S. Gottlieb. 2,036,038; Mar. 31.
- Brake system, Hydraulic. J. C. McCune. 2,048,349; July 21.
- Brake system, Hydraulic. W. F. Oliver, H. C. Bowen and E. F. Loweke. 2,065,018; Dec. 22.
- Brake system, Hydraulic. R. C. Sabins. 2,062,798; Dec. 1.
- Brake system, Hydraulic. J. W. White. 2,030,340; Feb. 11.
- Brake system, Magnetic track. T. H. Schoepf and D. M. Ritchie. 2,040,814; May 12.
- Brake tester. J. A. MacKenzie. 2,048,875; July 28.
- Brake testing and adjusting device. H. Weber. 2,057,220; Oct. 13.
- Brake testing apparatus. M. H. Evans and J. H. Woodhouse. 2,030,914; Feb. 18.
- Brake testing apparatus. H. B. Kraft. 2,050,101; Aug. 4.
- Brake testing mechanism. C. E. Starr. 2,036,653; Apr. 7.
- Brake unit, Combined freewheeling and power. E. A. Rockwell. 2,029,637; Feb. 4.
- Brake valve device. E. E. Hewitt. 2,052,177; Aug. 25.
- Brake valve device. E. K. Lynn and R. J. Bush. 2,042,112; May 26.
- Brake valve device. J. C. McCune. 2,058,029; Oct. 20.
- Brake valve device. J. S. McWhirter and R. J. Bush. 2,035,089; Mar. 24.
- Brake valve device, Pedestal. E. E. Hewitt. 2,028,606; Jan. 21.
- Brakes and clutches, Mechanism for. W. N. Boller. 2,029,287; Feb. 4.
- Brakes, Apparatus for the control of railway train. L. Devol and A. M. Cravath. 2,045,522; June 23.
- Brakes, Efficiency indicating mechanism for. A. D. Gulliver. 2,063,244; Dec. 8.
- Brakes, Slack take-up and force multiplier for. W. G. Wall. 2,037,869; Apr. 21.
- Braking action of the brakes of automobiles, Apparatus for determining the value of the. M. Sallé. 2,039,190; Apr. 28.
- Braking apparatus. B. S. Aikman. 2,058,050; Oct. 20.
- Braking apparatus. J. C. Cox. 2,058,063; Oct. 20.
- Braking apparatus. M. Gugliotta. 2,030,292; Feb. 11.
- Braking apparatus. J. W. Logan, Jr. 2,058,023; Oct. 20.
- Braking apparatus. M. H. Loughridge. 2,036,589; Apr. 7.
- Braking apparatus. W. F. Oliver. 2,037,432; Apr. 14.
- Braking apparatus. W. F. Oliver. 2,063,618; Dec. 8.
- Braking apparatus. S. Schnell. 2,034,538; Mar. 17.
- Braking apparatus. S. Schnell. 2,065,292; Dec. 22.
- Braking apparatus and compressor therefor, Fluid. W. F. Oliver. 2,038,055; Apr. 21.
- Braking apparatus, Fluid pressure. A. Chevillot. 2,039,703; May 5.
- Braking apparatus, Railway. H. L. Bone. 2,034,557; Mar. 17.
- Braking apparatus, Railway. H. L. Bone. 2,044,762; June 23.
- Braking apparatus, Railway. H. L. Bone. 2,061,753; Nov. 24.
- Braking device. M. Charles. 2,058,060; Oct. 20.
- Braking device. W. C. Ewaldson and D. V. Waters. 2,044,070; June 16.
- Braking device. H. F. Patterson. 2,052,054; Aug. 25.
- Braking device. J. D. Stultz. 2,042,563; June 2.
- Braking device for feeding means of pilgering mills. J. Gassen. 2,032,277; Feb. 25.
- Braking device, particularly for railway vehicles, Double power. H. Gallusser. 2,043,040; June 2.
- Braking means. J. Dessart. 2,030,784; Feb. 11.
- Braking means for vehicles, Liquid pressure. E. B. Boughton and J. Rodway. 2,037,494; Apr. 14.
- Braking means, Vehicle. L. H. Messinger, Jr. 2,044,316; June 16.
- Braking mechanism. E. D. Mack. 2,064,553; Dec. 15.
- Braking mechanism. M. C. Wills and A. R. Henry. 2,037,055; Apr. 14.
- Braking mechanism, Fluid pressure control. F. L. Shelor. 2,057,796; Oct. 20.
- Braking mechanism, Fluid pressure controlled. F. L. Shelor. 2,042,809; June 2.
- Braking mechanism for automobiles and other vehicles, Adjustment of. J. A. Furness. 2,045,223; June 23.
- Braking mechanism for motor operated vehicles, Vacuum controlled. F. L. Shelor. 2,055,950; Sept. 29.
- Braking of vehicles. A. Dewandre. 2,042,392; May 26.
- Braking system. D. L. Gallup. 2,055,253; Sept. 22.
- Braking system. W. F. Kiesel, Jr. 2,065,377; Dec. 22.
- Braking system. F. P. Lackinger. 2,035,753; Mar. 31.
- Braking system. M. H. Loughridge. 2,037,034; Apr. 14.
- Braking system. G. V. Morris. 2,036,430; Apr. 7.
- Braking system, Automatically adjustable. R. L. Lévy. 2,038,944; Apr. 28.
- Braking system for motor vehicles, Hydraulic. E. C. and E. Hess. 2,053,557; Sept. 8.
- Braking system, Hydraulic. E. L. Brown. 2,065,168; Dec. 22.
- Braking system, Regenerative. H. Hermle. 2,027,865; Jan. 14.
- Branch-fitting and method of making. A. C. Recker. 2,040,628; May 12.
- Branding unit, Rotary conduction. J. Stoyan. 2,044,264; June 16.
- Branding unit, Rotary induction. J. Stoyan. 2,044,263; June 16.
- Brass and bronze secondary metals, Treating. J. O. Betterton and A. J. Phillips. 2,040,826; May 19.
- Brassière. L. B. Barley. 2,057,224; Oct. 13.
- Brassière. J. V. Hollar. 2,061,402; Nov. 17.
- Brassière. S. Kibbe. 2,063,104; Dec. 8.
- Brassière. S. Kunstadter. 2,054,986; Sept. 22.
- Brassière. O. Lichtensteiger. 2,052,412; Aug. 25.
- Brassière. M. Martin. 2,060,998; Nov. 17.
- Brassière. E. C. McKeefrey. 2,048,638; July 21.
- Brassière. C. Moore. 2,033,847; Mar. 10.
- Brassière. R. S. Neal. 2,050,064; Aug. 4.
- Brassière. I. Pilot. 2,045,871; June 30.
- Brassière. H. Rasch. 2,061,739; Nov. 24.
- Brassière. H. Schnaittacher. 2,047,522; July 14.
- Brassière. G. M. P. Yerkes. 2,048,531; July 21.
- Brassière and slip, Combined. B. Nichthauser. 2,054,439; Sept. 15.
- Brassière slip. I. Goodman. 2,042,305; May 26.
- Brassières. D. Haimoff. 2,052,707; Sept. 1.
- Brassières, Device for reshaping. A. L. Livingston. 2,044,479; June 16.
- Braun tube. H. E. Hollmann. 2,046,513; July 7.
- Braun tube. S. Loewe and P. P. Fries. 2,031,722; Feb. 25.
- Braun tube. K. Schlesinger. 2,029,639; Feb. 4.
- Braun tube. K. Schlesinger. 2,038,061; Apr. 21.
- Braun tube. M. von Ardenne. 2,039,132; Apr. 28.
- Braun tube especially for television purposes. K. Schlesinger. 2,049,781; Aug. 4.
- Bread against mold, Apparatus for protecting sliced. L. W. Haas. 2,039,313; May 5.
- Bread and the like, and apparatus used in the practice of the method, Maintaining the freshness of. R. W. Ritzert. 2,030,154; Feb. 11.
- Bread and the like, Device for sacking sliced. E. G. Kennebeck. 2,031,264; Feb. 18.
- Bread, etc., Apparatus for toasting. M. H. Graham. 2,042,595; June 2.
- Bread-leavening composition. M. Bonotto. 2,035,586; Mar. 31.
- Bread manufacture, Leavened. H. H. Bunzell. 2,033,180; Mar. 10.
- Bread, Manufacture of. L. S. Harber and J. E. Pointon. 2,045,228; June 23.
- Bread product, Making. R. Powers. 2,059,905; Nov. 3.
- Bread, Retarding staling of yeast leavened. A. K. Epstein and B. R. Harris. 2,040,249; May 12.
- Bread slicer. W. Mahler. 2,045,481; June 23.
- Bread, Slicing. H. J. Criner. 2,031,252; Feb. 18.
- Bread slicing machine. T. Creech. 2,056,134; Sept. 29.
- Bread slicing machine. H. J. Criner. 2,032,118; Feb. 25.
- Bread slicing machine. H. J. Criner. 2,034,898; Mar. 24.
- Bread slicing machine. H. J. Criner. 2,044,835; June 23.
- Bread slicing machine. H. J. Criner. 2,045,838; June 30.
- Bread slicing machine. A. J. Friesel and C. Hofmann. 2,036,403; Apr. 7.
- Bread slicing machine. H. H. Yerk. 2,056,552; Oct. 6.
- Bread toasting machine, Continuous. E. E. Leichter. 2,051,303; Aug. 18.
- Bread wrapping machine. W. Hoppe. 2,060,501; Nov. 10.
- Break-down mill. A. Paterson. 2,058,717; Oct. 27.
- Breaker and distributor head. V. W. Thomas. 2,052,951; Sept. 1.
- Breaker mechanisms, Method and apparatus for testing. G. H. Allen. 2,056,416; Oct. 6.
- Breast pump device. P. A. Frinand. 2,060,063; Nov. 10.
- Breather valve. J. D. Crecca and S. M. Phillips. 2,028,754-6; Jan. 28.
- Breathing apparatus. K. A. Gerson. 2,045,907; June 30.
- Breathing or respiration, Apparatus for producing artificial. J. A. Nordin. 2,065,982; Dec. 29.
- Brewer, Vacuum coffee. H. Cory. 2,058,136; Oct. 20.
- Brewing. C. V. Werner and C. Schreiner. 2,057,352; Oct. 13.
- Brick. F. B. Dunn. 2,029,814; Feb. 4.
- Brick. S. C. Porter. 2,060,746; Nov. 10.
- Brick. O. N. Yama Moto. 2,060,361; Nov. 10.
- Brick and making the same, Silica. R. P. Heuer. 2,062,005; Nov. 24.
- Brick and tile cutter, Automatic. D. Brown. 2,058,663; Oct. 27.



- Brick, Apparatus for handling. B. F. Fitch. 2,034,722; Mar. 24.
- Brick block and tile molding machine. A. R. Shinn and J. T. Voorheis. 2,036,367; Apr. 7.
- Brick, Building. G. Witty. 2,043,642; June 9.
- Brick, Cavity. J. J. Hine and W. A. Fox-Strangways. 2,042,992; June 2.
- Brick construction. L. E. Mendenhall. 2,054,573; Sept. 15.
- Brick construction, Refractory. J. B. Tracy. 2,037,289-90; Apr. 14.
- Brick corners, Making. E. H. Pettler. 2,054,684; Sept. 15.
- Brick, Defrosting. G. A. Booth. 2,035,219; Mar. 24.
- Brick lifting device. W. J. Sullivan. 2,033,746; Mar. 10.
- Brick-like goods before baking, Apparatus for treatment of soft. H. H. Bailey and J. F. Gill. 2,035,040; Mar. 24.
- Brick, Making composite. A. M. Kohler. 2,050,225; Aug. 4.
- Brick, Mechanically simulating handmade. J. R. Clark. 2,046,245; June 30.
- Brick, or like commodities, Loading, transporting, and unloading. G. C. Woodruff. 2,061,495; Nov. 17.
- Brick, Production of refractory. K. Erdmann. 2,063,543; Dec. 8.
- Brick splitting mechanism. F. Koch. 2,049,704; Aug. 4.
- Brick veneer. E. H. Pettler. 2,040,627; May 12.
- Brick veneer support. E. W. Navarre. 2,034,766; Mar. 24.
- Bricks or the like, Apparatus for loading or piling. E. R. Sutcliffe. 2,040,574; May 12.
- Bricks or the like, Apparatus for the manufacture of. G. E. Rogers. 2,028,523; Jan. 21.
- Bricks, slabs, sheets, and the like, Manufacture of. G. W. Beldam. 2,056,558; Oct. 6.
- Bridge. W. A. Russell. 2,035,193; Mar. 24.
- Bridge. J. B. Strauss. 2,057,168; Oct. 13.
- Bridge, Bascule. L. O. Hopkins. 2,066,110; Dec. 29.
- Bridge construction. C. P. Disney. 2,028,741; Jan. 28.
- Bridge, Deep well. H. H. Greene. 2,047,774; July 14.
- Bridge, Lifting. H. Breitwieser. 2,062,635; Dec. 1.
- Bridge members, Make-up of. C. A. P. Turner. 2,042,973; June 2.
- Bridge, Oven. T. Slonczewski. 2,046,704; July 7.
- Bridge pontic. J. R. Schwartz. 2,044,106; June 16.
- Bridge practice and instruction board. A. Y. Hardy. 2,038,734; Apr. 28.
- Bridge problem work board. D. G. Aronberg. 2,041,452; May 19.
- Bridge, Suspension. L. U. E. A. Baticle. 2,062,983-5; Dec. 1.
- Bridge table. L. Koenigsberger. 2,036,148; Mar. 31.
- Bridge table. F. S. Lapeyre. 2,033,528; Mar. 10.
- Bridge tower construction. J. B. Strauss. 2,054,995; Sept. 22.
- Bridge, Vertical lift. T. Sakamoto. 2,040,445; May 12.
- Bridges, Reinforcing. A. G. Leake. 2,042,180; May 26.
- Bridle. A. E. Tibburn. 2,055,395; Sept. 22.
- Bridle attachment. W. B. Stephens. 2,041,620; May 19.
- Bridle bit. F. Barrera. 2,066,087; Dec. 29.
- Bridle ring for supporting telephone drop wires. F. G. Ridgers. 2,042,804; June 2.
- Brief case. S. H. Lifton. 2,039,913; May 5.
- Brief case. M. Lifton. 2,047,914; July 14.
- Brief case and similar article. J. Roth. 2,061,091; Nov. 17.
- Brine recovery apparatus for water softeners. H. L. Bowers. 2,065,962; Dec. 29.
- Briquettes, Manufacturing. H. H. Moreton. 2,034,351; Mar. 17.
- Bristles, Treating. W. K. Teller. 2,055,321-2; Sept. 22.
- Broach. C. J. Halborg. 2,041,759; May 26.
- Broach. A. L. Nilsson. 2,060,889; Nov. 17.
- Broach, Surface. F. J. Lapointe. 2,041,551; May 19.
- Broaching machine. W. Ferris. 2,065,219; Dec. 22.
- Broaching machine. F. S. Floeter. 2,039,480; May 5.
- Broaching machine. J. L. Perkins and H. D. Croft. 2,027,401; Jan. 14.
- Broaching machine. E. G. Roehm. 2,043,420; June 9.
- Broaching machine. E. G. Roehm. 2,049,623; Aug. 4.
- Broaching machine. E. G. Roehm. 2,052,248; Aug. 25.
- Broaching machine. E. G. Roehm and M. Romaine. 2,047,034; July 7.
- Broaching machine. M. Romaine and E. G. Roehm. 2,063,756; Dec. 8.
- Broaching machine. J. D. Rovick. 2,043,596; June 9.
- Broaching machine. G. Y. Yager and O. J. Heath. 2,041,894; May 26.
- Broaching machine, Duplex. W. P. Merrill. 2,054,296; Sept. 15.
- Broaching machine fixture. M. Romaine. 2,065,101; Dec. 22.
- Broaching machine for stub ball joints. W. A. Hart. 2,047,265; July 14.
- Broadcast channel group selector system. C. A. Rackey. 2,036,235; Apr. 7.
- Broadcasting system, Common frequency. C. B. Aiken. 2,033,271; Mar. 10.
- Broiler. J. P. Conroy. 2,028,649; Jan. 21.
- Broiler. A. M. Feldman. 2,042,773; June 2.
- Broiler and cooker, Electric. J. Fritsche. 2,055,972; Sept. 29.
- Broiler and toaster, Combination. L. A. Bonzagni and A. Govoni. 2,030,047; Feb. 11.
- Broiler burner. P. J. Zemet. 2,052,067; Aug. 25.
- Broiler drawer. S. H. Hobson and P. I. Hollman. 2,029,718; Feb. 4.
- Broiler, Drawer type. H. E. Mills. 2,047,979; July 21.
- Broiler for gas ranges. A. Stockstrom and A. H. Brodbeck. 2,027,124; Jan. 7.
- Broiler, Meat. C. T. Wade. 2,047,046; July 7.
- Broiler or the like. L. E. Padelford and W. H. Rudolph. 2,031,330; Feb. 18.
- Bromination products of vat dyestuffs, Manufacture of. K. Krauer. 2,027,914; Jan. 14.
- Bronze finish on copper and copper alloys, Producing a. J. R. Freeman, Jr. and R. L. Hungerford. 2,064,301; Dec. 15.
- Bronzing liquid. C. Bogin and V. Kelly. 2,059,310; Nov. 3.
- Bronzing machine. H. Friess. 2,065,306; Dec. 22.
- Brooch. A. Philippe. 2,050,804; Aug. 11.
- Brooch and clasp, Combination. R. Polcini. 2,044,225; June 16.
- Brooch and clip. G. Candas. 2,038,343; Apr. 21.
- Brooch and the like. W. Goetz. 2,045,385; June 23.
- Brooch assemblage. M. Boucher. 2,034,128-9; Mar. 17.
- Brooch construction. O. F. Placco. 2,059,276; Nov. 3.
- Brooder. P. S. Martin. 2,061,712; Nov. 24.
- Brooder. W. N. Owens. 2,056,865; Oct. 4.
- Brooder. J. B. Smith. 2,059,819; Nov. 3.
- Brooder. J. R. Williams. 2,039,673; May 5.
- Brooder, Chicken. J. W. Crawford. 2,041,049; May 19.
- Broom. J. R. Kinney. 2,029,486; Feb. 4.
- Broom. H. J. Lay. 2,043,757; June 9.
- Broom. P. Young. 2,064,712; Dec. 15.
- Broom and making same. W. H. Zachry. 2,030,954; Feb. 18.
- Broom and making the same. H. J. Lay. 2,059,530; Nov. 3.
- Broom and the like. W. F. Cassels. 2,035,534; Mar. 31.
- Broom, Street push. H. J. Lay. 2,043,758; June 9.
- Brush. L. R. Schumann. 2,044,595; June 16.
- Brush. W. A. Schwab. 2,027,884; Jan. 14.
- Brush. R. T. Scully and O. C. Rieger. 2,045,373; June 23.
- Brush. F. J. Bickel and H. J. C. Oster. 2,062,047; Nov. 24.
- Brush. H. L. Cooke. 2,066,068; Dec. 29.
- Brush. E. Rolker. 2,064,949; Dec. 22.
- Brush. I. Sekine. 2,064,860; Dec. 22.
- Brush. W. E. D. Turner. 2,031,990; Feb. 25.
- Brush. C. B. Weatherhead. 2,036,449; Apr. 7.
- Brush. B. I. C. Young. 2,054,233; Sept. 15.
- Brush and guard therefor. C. A. Porter. 2,051,009; Aug. 11.
- Brush and lacquer container. V. A. Mares. 2,047,641; July 14.
- Brush and making same. A. A. Angell. 2,061,129; Nov. 17.
- Brush assembly. I. H. Dunham. 2,032,084; Feb. 25.
- Brush assembly, Motor. S. N. Mead. 2,029,782; Feb. 4.
- Brush, Commutating. F. Girvin and W. H. Hardman. 2,066,176; Dec. 29.
- Brush, Dental plate cleaning. O. E. Sommerfeld. 2,043,338; June 9.
- Brush, Dispensing fountain. W. D. Henderson. 2,026,832; Jan. 7.
- Brush, Double end mop type. J. I. Anderson. 2,039,510; May 5.
- Brush drilling machine. L. B. Terhune. 2,044,339; June 16.
- Brush, especially for massage purposes. R. Löwy. 2,052,836; Sept. 1.
- Brush finishing machine. L. W. Simms and A. O. Patriquen. 2,033,259; Mar. 10.
- Brush for dynamo-electric machines. A. S. Bemis and M. S. May. 2,041,895; May 26.
- Brush for motors and generators. A. F. Lundquist. 2,029,171; Jan. 28.
- Brush, Fountain. G. G. Fairchild. 2,041,173; May 19.
- Brush, Fountain. H. G. Lomas. 2,051,340; Aug. 18.
- Brush, Fountain. S. A. Platt. 2,064,318; Dec. 15.
- Brush gatherer. F. W. Luther. 2,033,346; Mar. 10.
- Brush, Hair. S. Storch. 2,059,617; Nov. 3.
- Brush hanger. R. J. Simons. 2,039,497; May 5.
- Brush holder. B. H. Bernick. 2,057,225; Oct. 13.
- Brush holder. L. Dry. 2,042,706; June 2.
- Brush holder. O. F. Holmberg. 2,044,985; June 23.
- Brush holder. D. G. Little. 2,036,235; Apr. 7.
- Brush holder. M. Mezey. 2,051,267; Aug. 18.
- Brush holder. R. C. Monteith. 2,026,644; Jan. 7.
- Brush keeper, Paint. A. W. Yenne. 2,043,643; June 9.
- Brush machine. A. C. Griscom. 2,035,881; Mar. 31.
- Brush, Magazine. S. Heilwell. 2,041,605; May 19.
- Brushmaking machine. J. E. Jones. 2,031,658; Feb. 25.
- Brush making machine. L. W. Simms and A. O. Patriquen. 2,033,258; Mar. 10.
- Brush, Positive feed fountain paint. N. Olesen. 2,040,327; May 12.
- Brush rigging and end cap assembly for surgical motors and the like. H. A. Whiteside. 2,028,176; Jan. 21.
- Brush, Rubber. A. Hempel. 2,065,584; Dec. 29.
- Brush, Rug scrubbing. D. E. Smalley. 2,039,356; May 5.
- Brush, Shower head. C. F. Cassius. 2,055,813; Sept. 29.
- Brush, Sponge. R. W. Mair. 2,049,852; Aug. 4.
- Brush spray, Automobile. L. G. Casterline. 2,035,635; Mar. 31.
- Brush structure. G. T. Southgate. 2,042,279; May 26.
- Brushes, brush holders and brush handles, Combination of. N. J. Raptis. 2,032,664; Mar. 3.



- Brushes, Method and blank for making. H. B. Eynon. 2,043,474; June 9.
- Brushing machine. F. A. Durand. 2,033,912; Mar. 17.
- Bubble column. R. M. Parsons. 2,052,532; Aug. 25.
- Bubble tower apparatus. C. H. Leach. 2,057,437; Oct. 13.
- Bubbler tip. C. Roberge. 2,028,412; Jan. 21.
- Bucksaw. D. Legros. 2,049,844; Aug. 4.
- Bucket. J. D. Renfro. 2,045,252; June 23.
- Bucket and lip therefor, Chain dredge. G. R. Hanks. 2,035,430; Mar. 24.
- Bucket and pail. H. G. W. Chichester-Miles. 2,051,940; Aug. 25.
- Bucket apparatus, Scraper. H. A. Roe. 2,063,698; Dec. 8.
- Bucket, Clam shell. F. H. and R. B. Weeks. 2,027,409; Jan. 14.
- Bucket, Concrete. B. H. Kersting. 2,054,546; Sept. 15.
- Bucket, Drag line. A. E. Gibson. 2,028,598; Jan. 21.
- Bucket, Drag line excavator. L. A. Price. 2,053,970; Sept. 8.
- Bucket, Dredge. W. H. Stires. 2,052,521; Aug. 25.
- Bucket, Dredge. W. H. Stires. 2,063,858-9; Dec. 8.
- Bucket, Egg gathering. W. M. Mitchell. 2,060,468; Nov. 10.
- Bucket, Elevator. L. C. Ponting and A. G. Kliwer. 2,031,064; Feb. 18.
- Bucket, Impulse. A. Pfau. 2,059,648; Nov. 3.
- Bucket, Impulse turbine. W. M. White. 2,028,369; Jan. 21.
- Bucket, Live bait. P. J. Fonos. 2,032,274; Feb. 25.
- Bucket, Magnetically operated clamshell. F. W. Jessop. 2,065,706; Dec. 29.
- Bucket, Rayon spinning. H. R. Moyer. 2,064,028; Dec. 15.
- Bucket, Spinning. F. H. Bengé. 2,028,040; Jan. 14.
- Bucket, Spinning. V. Panoff. 2,029,185; Jan. 28.
- Bucket, Water wheel. J. J. Ring. 2,057,979; Oct. 20.
- Bucket wheel. E. L. Robinson. 2,036,083; Mar. 31.
- Buckets for water wheels, Making. W. J. Rheingans and J. J. Ring. 2,038,315; Apr. 21.
- Buckle. B. and S. Becker. 2,046,807; July 7.
- Buckle. J. B. Freysinger. 2,059,516; Nov. 3.
- Buckle. J. B. Graves. 2,045,078; June 23.
- Buckle. L. H. Mader. 2,065,946; Dec. 29.
- Buckle. C. A. Mosgrove. 2,065,284; Dec. 22.
- Buckle. D. I. Reiter and J. H. Arthur. 2,026,750; Jan. 7.
- Buckle. H. P. Troendly. 2,062,734; Dec. 1.
- Buckle. J. Williams. 2,058,931; Oct. 27.
- Buckle and flexible member, Combination. A. T. Van Alstyne. 2,038,324; Apr. 21.
- Buckle, Bale tie. H. K. Milner. 2,034,523; Mar. 17.
- Buckle, Band. W. H. Davis. 2,029,413; Feb. 4.
- Buckle, Belt. C. W. Buchsbaum. 2,043,696; June 9.
- Buckle, Belt. J. P. Gordon. 2,049,609; Aug. 4.
- Buckle, Belt. I. A. Weidhorn. 2,065,202; Dec. 22.
- Buckle, Clamping. L. Steiner. 2,028,530; Jan. 21.
- Buckle construction, Extensible. E. Prestinari. 2,057,589; Oct. 13.
- Buckle device. G. K. Blum. 2,065,638; Dec. 29.
- Buckle for apparel. J. B. Freysinger. 2,046,734; July 7.
- Buckle for belts and the like. J. B. Freysinger. 2,059,515; Nov. 3.
- Buckle for men's dress and the like, Elastic. J. Anderson. 2,057,470; Oct. 13.
- Buckle frames, Making. J. Kainen. 2,053,481; Sept. 8.
- Buckle or fastening device. E. Roedelheimer and T. C. Steinman. 2,047,432; July 14.
- Buckle or slide, Lever. R. T. Jackson. 2,040,655; May 12.
- Buckle, Slide. F. R. Reutter. 2,064,447; Dec. 15.
- Buckle structure, Adjustment. S. H. Camp. 2,053,600; Sept. 8.
- Bucky diaphragm. R. F. Dent. 2,062,562; Dec. 1.
- Buffer construction, Auxiliary. H. S. Jandus and H. L. Brooke. 2,039,004; Apr. 28.
- Buffer for fluid pressure indicators. A. L. Parker. 2,064,268; Dec. 15.
- Buffer for shoe heels, Breast. P. Lauretti. 2,046,519; July 7.
- Buffer mechanism. G. H. Zouck. 2,057,468; Oct. 13.
- Buffer plate construction. H. S. Jandus. 2,065,806; Dec. 29.
- Buffing and draft gear, Central. R. T. Glascodine. 2,050,604; Aug. 11.
- Buffing and polishing composition and using the same. P. R. Pine. 2,055,220; Sept. 22.
- Buffing and polishing wheel. N. C. Hunt. 2,046,122; June 30.
- Buffing machine. G. Dalkowitz. 2,050,422; Aug. 11.
- Buffing or scouring machine. W. M. Spry. 2,056,542; Oct. 6.
- Buffing wheel. M. I. Doyle. 2,056,716; Oct. 6.
- Buffing wheel. E. W. Hall. 2,027,425; Jan. 14.
- Buffing wheel. E. W. Hall. 2,031,105; Feb. 18.
- Buffing wheel. E. W. Hall. 2,034,576; Mar. 17.
- Buffing wheel. H. E. Hargy, Sr. 2,061,940; Nov. 24.
- Buffing wheel. H. Zimmerman. 2,043,189; June 2.
- Bugle, Piston. W. M. Frank. 2,059,450; Nov. 3.
- Builder motion for spinning and twister frames. F. E. Banfield, Jr. 2,048,590; July 21.
- Building and log construction. C. Tahvonen and R. A. Wright. 2,040,110; May 12.
- Building assembly and aligning means for use therein. G. E. Shipway. 2,061,882; Nov. 24.
- Building assembly and fastening means. G. D. Kellogg. 2,066,006; Dec. 29.
- Building block. A. and A. Gibson. 2,037,465; Apr. 14.
- Building block. C. L. Sanford. 2,047,890; July 14.
- Building block. A. J. Schmitz. 2,028,997; Jan. 28.
- Building block. H. E. Thompson. 2,031,194; Feb. 18.
- Building block and facing tile. R. Kalkusch. 2,058,235; Oct. 20.
- Building block set. A. S. Malm. 2,039,097; Apr. 28.
- Building construction. H. E. Anning. 2,029,009; Jan. 28.
- Building construction. J. Bacigalupo. 2,055,000; Sept. 22.
- Building construction. H. T. Backhus. 2,040,725; May 12.
- Building construction. A. W. Bailey. 2,052,739; Sept. 1.
- Building construction. A. F. Bemis. 2,031,631; Feb. 25.
- Building construction. A. F. Bemis. 2,049,190; July 28.
- Building construction. A. F. Bemis. 2,050,256; Aug. 11.
- Building construction. A. F. Bemis. 2,050,258; Aug. 11.
- Building construction. A. F. Bemis. 2,054,189; Sept. 15.
- Building construction. R. M. Calkins and J. W. Swank. 2,039,293; May 5.
- Building construction. R. M. Calkins and J. W. Swank. 2,062,160; Nov. 24.
- Building construction. S. Charles. 2,032,469; Mar. 3.
- Building construction. N. Davidson. 2,060,045; Nov. 10.
- Building construction. M. J. Dempsey. 2,066,255; Dec. 29.
- Building construction. H. Dercum. 2,065,433; Dec. 22.
- Building construction. A. N. Doud. 2,037,889; Apr. 21.
- Building construction. M. J. Eldredge. 2,054,694; Sept. 15.
- Building construction. H. A. Faber. 2,064,789; Dec. 15.
- Building construction. F. R. Felber. 2,035,697; Mar. 31.
- Building construction. E. L. Garrett. 2,052,346; Aug. 25.
- Building construction. E. Gugler. 2,037,895; Apr. 21.
- Building construction. J. A. Harrison. 2,051,707; Aug. 18.
- Building construction. W. R. Hodgins. 2,041,546; May 19.
- Building construction. A. Hohner. 2,066,268; Dec. 29.
- Building construction. J. E. Hoover. 2,027,230; Jan. 7.
- Building construction. S. Johnston. 2,049,262; July 28.
- Building construction. G. F. Kotrbaty. 2,062,890; Dec. 1.
- Building construction. J. J. Lawlor. 2,061,281; Nov. 17.
- Building construction. B. London. 2,039,601; May 5.
- Building construction. E. H. Lunken and G. A. Just. 2,053,438; Sept. 8.
- Building construction. W. D. Mann. 2,030,998; Feb. 18.
- Building construction. W. H. Mason. 2,031,568; Feb. 18.
- Building construction. A. M. McLellan. 2,053,487; Sept. 8.
- Building construction. G. R. Meyercord. 2,061,803; Nov. 24.
- Building construction. J. H. Nold and G. L. Bostwick. 2,063,457; Dec. 8.
- Building construction. A. C. Olsen. 2,064,683; Dec. 15.
- Building construction. J. J. O'Reilly. 2,057,444; Oct. 13.
- Building construction. D. F. Ross. 2,027,882-3; Jan. 14.
- Building construction. D. E. Ross. 2,044,637; June 16.
- Building construction. C. H. Schuh. 2,061,486; Nov. 17.
- Building construction. C. L. Strattard. 2,064,276; Dec. 15.
- Building construction. C. G. W. Talen. 2,032,030; Feb. 25.
- Building construction. S. E. Toussaint and J. F. Moore. 2,049,278; July 28.
- Building construction. B. Vale. 2,048,901; July 28.
- Building construction. E. F. Venzie. 2,055,759; Sept. 29.
- Building construction. F. M. Venzie. 2,040,578; May 12.
- Building construction. F. M. Venzie. 2,048,236; July 21.
- Building construction. F. M. Venzie. 2,048,641; July 21.
- Building construction. F. M. Venzie. 2,058,372; Oct. 20.
- Building construction. D. W. Wells. 2,042,438; May 26.
- Building construction. R. V. Yeager. 2,033,751; Mar. 10.
- Building construction and clip means therefor. B. E. Balduf. 2,039,382; May 5.
- Building construction, Earthquake protected. G. Cavagliere. 2,035,143; Mar. 24.
- Building construction, Fabricated. F. M. Crowe. 2,035,595; Mar. 31.
- Building construction fabricating device. J. A. Irwin. 2,026,835; Jan. 7.
- Building construction, Fireproof. B. E. Balduf. 2,063,010; Dec. 8.
- Building construction, Reinforced monolith. C. S. Harper. 2,064,910; Dec. 22.
- Building corner construction and unit therefor. D. G. Underdown. 2,051,114; Aug. 18.
- Building element. N. P. Harshberger. 2,043,959; June 9.
- Building element. N. P. Harshberger and S. A. Ochs. 2,044,787; June 23.
- Building element. P. W. Turner. 2,059,157; Oct. 27.
- Building element, Composition. W. D. Johnson. 2,039,536; May 5.
- Building elements for constructional games. O. Schwarzbach. 2,027,885; Jan. 14.
- Building material. W. G. Dudleston. 2,032,083; Feb. 25.
- Building material. N. P. Harshberger. 2,031,950; Feb. 25.
- Building material. M. L. MacDonald and A. Vida. 2,040,863; May 19.



- Building material. K. W. Mauser. 2,048,457; July 21.  
 Building material. R. G. Quinn. 2,035,921; Mar. 31.  
 Building material. E. L. Soule. 2,064,041; Dec. 15.  
 Building material. S. Swanson. 2,038,250; Apr. 21.  
 Building material. C. A. Upson. 2,064,132; Dec. 15.  
 Building material and building construction. K. Wenczek. 2,063,900; Dec. 15.  
 Building material and making the same. N. P. Harshberger. 2,059,520; Nov. 3.  
 Building material, Apparatus for the manufacture of a composite. E. C. Loetscher. 2,028,616; Jan. 21.  
 Building material, Curing. N. P. Harshberger. 2,044,786; June 23.  
 Building material, Fireproof. E. C. Loetscher. 2,034,522; Mar. 17.  
 Building plate. A. Hammenecker. 2,062,879; Dec. 1.  
 Building, Prison. R. L. Clark. 2,036,515; Apr. 7.  
 Building reinforcement. E. G. Lamel. 2,065,899; Dec. 29.  
 Building, Round ended. J. G. Shodron. 2,039,562; May 5.  
 Building, Sectional. O. M. Chaplin. 2,053,462; Sept. 8.  
 Building, Sectional. C. L. Pettit. 2,060,892; Nov. 17.  
 Building structure. O. A. Deichmann. 2,043,697; June 9.  
 Building structure. W. W. Maier. 2,045,482; June 23.  
 Building structure. E. L. Niederhoffer. 2,053,873; Sept. 8.  
 Building structure. B. J. Pollard. 2,047,648; July 14.  
 Building structure. C. A. Searing. 2,064,633; Dec. 15.  
 Building structure and producing the same. J. J. Earley and B. G. Taylor. 2,050,290; Aug. 11.  
 Building structure, Metal. C. B. Stewart and E. E. Johnson. 2,038,966; Apr. 28.  
 Building structure, Miniature. H. P. Luhn. 2,028,229; Jan. 21.  
 Building unit. W. L. Goeltz and M. Brodsky. 2,026,886; Jan. 7.  
 Building unit. P. J. Maul. 2,041,942; May 26.  
 Building unit. A. Reisig. 2,059,490; Nov. 3.  
 Building unit, Composite. W. E. S. Strong. 2,038,967; Apr. 28.  
 Building units, Apparatus for producing cellular metal. G. E. Black. 2,065,511; Dec. 29.  
 Building units, Method of and apparatus for producing cellular metal. J. H. Young and G. E. Black. 2,065,546; Dec. 29.  
 Building wall construction unit. R. C. Graef. 2,063,309; Dec. 8.  
 Buildings, Apparatus for ventilating. H. M. Chance. 2,032,080; Feb. 25.  
 Buildings, Construction of. H. Griesel. 2,044,844; June 23.  
 Buildings, Construction of. F. Singer. 2,049,088; July 28.  
 Buildings, Heating and cooling of. J. L. Musgrave. 2,052,359; Aug. 25.  
 Built-in arch support. O. Castagnola. 2,060,391; Nov. 10.  
 Bulb attachment for internal combustion engine cooling systems, Adjustable sediment. J. M. Gibson and N. O. Hultgren. 2,050,091; Aug. 4.  
 Bulb coating machine. A. F. Bahlke and R. Grodzki. 2,046,360; July 7.  
 Bulb, Flasher. P. A. Nothstine. 2,053,574; Sept. 8.  
 Bulb, Multiple circuit. S. Sammut. 2,053,051; Sept. 1.  
 Bulb spraying device. J. Russi. 2,028,355; Jan. 21.  
 Bulbs, Manufacturing inside frosted. T. Naruse. 2,054,707; Sept. 15.  
 Bulkhead and bunker for refrigerator and other cars. E. A. Sweeley and N. T. Anderson. 2,050,476; Aug. 11.  
 Bulk meter. L. McCandless. 2,049,307; July 28.  
 Bullet. B. G. Childs. 2,045,833; June 30.  
 Bulletin board. E. S. Hartman. 2,036,938; Apr. 7.  
 Bumper. B. F. Fortier and F. A. Miller. 2,030,978; Feb. 18.  
 Bumper. W. B. La Pointe. 2,029,824; Feb. 4.  
 Bumper. E. H. Smith. 2,038,964; Apr. 28.  
 Bumper. V. P. Williams. 2,031,349; Feb. 18.  
 Bumper and spring drawbar, Combined spring. G. E. Edmunds and J. L. Cawthon, Jr. 2,060,050; Nov. 10.  
 Bumper attachment. A. Hunziker, Jr. 2,041,931; May 26.  
 Bumper, Automobile. P. D'Andrea. 2,037,215; Apr. 14.  
 Bumper, Automobile. F. C. Howard. 2,050,435; Aug. 11.  
 Bumper, Automobile. J. A. LaClair. 2,059,000; Oct. 27.  
 Bumper, Automobile. S. Shapera. 2,063,763; Dec. 8.  
 Bumper, Automobile. I. Wolff. 2,058,283; Oct. 20.  
 Bumper clamp and guard construction. H. S. Jandus and N. Y. Kristensen. 2,062,314; Dec. 1.  
 Bumper construction. B. M. Short. 2,063,957; Dec. 15.  
 Bumper construction, Automobile. H. S. Jandus. 2,052,300; Aug. 25.  
 Bumper construction for vehicle tanks. A. Davis, Jr. 2,057,015; Oct. 13.  
 Bumper construction, Vehicle. H. S. Jandus and B. M. Short. 2,062,313; Dec. 1.  
 Bumper construction, Vehicle. H. S. Jandus and B. M. Short. 2,062,315; Dec. 1.  
 Bumper device, Automobile. W. L. Morrison. 2,028,945; Jan. 28.  
 Bumper device for automobiles. W. L. Morrison. 2,062,328; Dec. 1.  
 Bumper device for vehicles. W. L. Morrison. 2,062,327; Dec. 1.  
 Bumper, Dust mop. A. D. Sund. 2,063,132; Dec. 8.  
 Bumper for carpet sweepers. F. W. Pullen. 2,057,345; Oct. 13.  
 Bumper for vehicles, Cushion. A. A. Lindauer. 2,049,210; July 28.  
 Bumper jack. F. L. Curran. 2,063,661; Dec. 8.  
 Bumper jack. L. D. Nilson. 2,064,445; Dec. 15.  
 Bumper, Mine car. O. Sann and D. P. Steward. 2,036,361; Apr. 7.  
 Bumper, Movable automobile front. A. Pascheka. 2,048,945; July 28.  
 Bumper post, track stiffening structure therefor, and stiffening existing track. S. W. Hayes. 2,053,556; Sept. 8.  
 Bumper rack. H. A. Monteith. 2,052,483; Aug. 25.  
 Bumper, Safety. G. Kawasaki. 2,061,801; Nov. 24.  
 Bumper, Sidewalk. W. Kundel. 2,054,037; Sept. 8.  
 Bumper, Swivel. H. C. Dye. 2,048,928; July 28.  
 Bumper, Vehicle. H. S. Jandus. 2,031,954; Feb. 25.  
 Bundle binding and tying machine. J. M. Leaver, Jr. 2,054,603; Sept. 15.  
 Bundle binding and tying machine, Rotary. J. M. Leaver, Jr. 2,054,602; Sept. 15.  
 Bung. E. A. Rasbridge. 2,028,352; Jan. 21.  
 Bung for casks. C. Vidall. 2,036,512; Apr. 7.  
 Bung ring construction. C. H. Draper and W. C. Grosser. 2,029,764; Feb. 4.  
 Bunsen burner. C. J. Johnson. 2,041,348; May 19.  
 Burial apparatus. R. R. Thomas. 2,040,220; May 12.  
 Burial apparatus. L. V. Troup. 2,061,784; Nov. 24.  
 Burial cases, Removable interior for. E. C. Bowler, Jr. 2,044,967; June 23.  
 Burial device. H. Nold. 2,046,905; July 7.  
 Burner. *See—*  
     Broiler burner. Gas burner.  
     Bunsen burner. Gas fuel burner.  
     Coal burner. Gasoline fuel burner.  
     Fluid fuel burner. Liquid fuel burner.  
     Fuel burner. Oil burner.  
     Fuel feed burner. Rance burner.  
     Fuel oil burner. Sulphur burner.  
 Burner. O. L. Bock. 2,065,264; Dec. 22.  
 Burner. H. de Coster. 2,039,890; May 5.  
 Burner. M. Frisch. 2,041,535; May 19.  
 Burner. L. B. Hancock. 2,028,281; Jan. 21.  
 Burner. R. M. Hardgrove. 2,044,296; June 16.  
 Burner. H. J. Keeley. 2,044,215; June 16.  
 Burner. E. Ryschkewitsch. 2,044,511; June 16.  
 Burner. J. H. Sattler. 2,051,108; Aug. 18.  
 Burner. A. J. Whitcomb and C. G. Bigelow. 2,034,932; Mar. 24.  
 Burner and drum for blue flame oil stoves. R. Hoffman. 2,060,317; Nov. 10.  
 Burner and lighter, Gas range. P. S. Harper. 2,032,877; Mar. 3.  
 Burner and manifold assembly. S. Morgan. 2,065,719; Dec. 29.  
 Burner box for cooking stoves. A. G. Sherman. 2,037,828; Apr. 21.  
 Burner combustion apparatus, Oil. D. O. Miller. 2,032,947; Mar. 3.  
 Burner connection arrangement, Hot-blast stove. F. R. McGee. 2,049,815; Aug. 4.  
 Burner construction. O. L. Bock. 2,038,522; Apr. 28.  
 Burner construction, Gas. A. W. Fulton. 2,027,159; Jan. 17.  
 Burner control apparatus. W. G. Hartwig. 2,062,749; Dec. 1.  
 Burner control apparatus. E. D. Jones and W. R. Teller. 2,049,958-60; Aug. 4.  
 Burner control apparatus. H. K. Richardson. 2,046,413; July 7.  
 Burner control mechanism for ranges, stoves and the like, Gas. H. Lange. 2,043,106; June 2.  
 Burner control, Oil. W. H. Kroger. 2,057,383; Oct. 13.  
 Burner control system. D. G. Taylor. 2,064,231; Dec. 15.  
 Burner control system, Dual oil. J. P. Kriechbaum. 2,039,910; May 5.  
 Burner for acetylene floodlights. D. C. Duncan. 2,037,680; Apr. 14.  
 Burner for anthracite coal. E. C. Webb. 2,039,042; Apr. 28.  
 Burner for corrosive fluids. D. Jefferson. 2,042,058; May 26.  
 Burner for fuel oil and the like. R. F. Souter and B. H. Murray. 2,036,726; Apr. 7.  
 Burner for hydrocarbon gases. W. G. Cartter. 2,061,561-2; Nov. 24.  
 Burner for liquid fuels. K. Humpoletz. 2,033,714; Mar. 10.  
 Burner for liquid fuels. C. Perdrisat. 2,027,699; Jan. 14.  
 Burner for torches. F. B. Embury and A. J. Perkins. 2,051,292; Aug. 18.  
 Burner lighting means, Oil. G. Kinsman. 2,052,514; Aug. 25.  
 Burner mechanism, Demountable oil. M. H. Braden. 2,032,909; Mar. 3.  
 Burner, Oil and gas. J. Heinzl. 2,064,914; Dec. 22.  
 Burner pumping unit, Oil. L. E. French. 2,039,309; May 5.  
 Burner starting device and wick therefor. R. M. Sherman. 2,056,146; Sept. 29.  
 Burner structure. O. J. Kuenhold. 2,034,041; Mar. 17.  
 Burners, Making. C. L. Hardwick. 2,046,682; July 7.  
 Burners, Producing Bunsen. H. Guhl. 2,044,528; June 16.  
 Burning bar. L. R. McLean. 2,030,707; Feb. 11.  
 Burnishing apparatus. J. M. Christman. 2,062,699; Dec. 1.  
 Burnishing tool. W. T. Pritchard and A. R. Saunders. 2,063,338; Dec. 8.



- Burr extractor. A. S. Mackenzie. 2,033,081-2; Mar. 3.  
 Busbar, Ventilated tubular. W. H. Rippere. 2,057,266; Oct. 13.  
 Bus body. E. M. Hicks. 2,059,866; Nov. 3.  
 Bus clamp. E. S. Cornell, H. D. Freitag, and P. Sporn. 2,044,604; June 16.  
 Bus duct. H. J. L. Frank. 2,043,796; June 9.  
 Bus or conductor for electrical currents. H. C. Jennison. 2,053,561; Sept. 8.  
 Bus or conductors for electrical currents, Copper or copper alloy. T. J. Little. 2,057,273; Oct. 13.  
 Bush. L. H. P. Bastin. 2,041,107; May 19.  
 Bush. C. G. Raible. 2,040,499; May 12.  
 Bush, Tap. F. E. Rice. 2,048,031; July 21.  
 Bushing. O. Oldberg. 2,048,079; July 21.  
 Bushing. N. Skillman. 2,027,559; Jan. 14.  
 Bushing assembly. J. B. Hodtum. 2,030,370; Feb. 11.  
 Bushing, Brake beam strut. V. H. Harbert. 2,047,732; July 14.  
 Bushing for beer barrels, Combination. P. A. Johnson. 2,056,524; Oct. 6.  
 Bushing for transformer casings. E. D. Treanor. 2,029,140; Jan. 28.  
 Bushing, Jig. W. F. Chesley. 2,058,298; Oct. 20.  
 Bushing, Lead-in. N. R. Smith. 2,036,652; Apr. 7.  
 Bushings for connectors. D. W. Pond. 2,044,444; June 16.  
 Bushings to containers, Securing. W. E. Coakley. 2,061,269; Nov. 17.  
 Bushings to sheet metal drums, kegs, and like receptacles, Securing. J. H. E. Francis. 2,050,942; Aug. 11.  
 Busk for corsets. J. H. Roberts. 2,066,230; Dec. 29.  
 Bust, Sculptured display. H. Schwerner. 2,059,043; Oct. 27.  
 Buster attachment, Middle. H. G. Davis. 2,050,424; Aug. 11.  
 Butadiene derivatives, Stabilized. H. A. Winkelmann. 2,046,986; July 7.  
 Butadienes and chlorinated derivatives thereof. I. E. Muskat. 2,038,593; Apr. 28.  
 Butt-weld pipe. R. L. Gangwisch. 2,028,201; Jan. 21.  
 Butt-weld pipe. C. O. Spillman. 2,039,746; May 5.  
 Butt-welding. C. J. Coberly and R. G. Wulff. 2,040,240; May 12.  
 Butter and milk for the production of artificial cream, Emulsification of. A. R. Bannister and F. B. Day. 2,064,402; Dec. 15.  
 Butter, Churning. L. A. Chambers. 2,033,121; Mar. 10.  
 Butter-cutting machine, Refrigerated. S. Christoplos. 2,056,711; Oct. 6.  
 Butter mold. A. T. Jorgensen. 2,040,003; May 5.  
 Butter pack, Individual. J. L. Burke. 2,055,333; Sept. 22.  
 Butter package. A. S. Heineman. 2,037,723; Apr. 21.  
 Buttering machine for bread, Automatic. A. A. Cambiasso. 2,042,386; May 26.  
 Butterfly valve. G. T. Anderson. 2,054,064; Sept. 15.  
 Butterfly valve. G. L. Kollberg. 2,058,996; Oct. 27.  
 Butterfly valve. J. J. Ring. 2,059,656; Nov. 3.  
 Button. J. F. Cox. 2,051,405; Aug. 18.  
 Button. J. F. Cox. 2,061,506; Nov. 17.  
 Button. G. Johnson. 2,055,441; Sept. 22.  
 Button. J. E. Röhrs. 2,049,869; Aug. 4.  
 Button and buttonhole attachment, Garment. J. W. Steele. 2,060,643; Nov. 10.  
 Button-attaching device, Adjustable. M. D. Nadler. 2,061,385; Nov. 17.  
 Button attaching machine. J. M. Clark. 2,036,255; Apr. 7.  
 Button blanks from pearl stock, Manufacture of. T. G. Robinson. 2,046,487; July 7.  
 Button element. W. C. Broadwell. 2,027,513; Jan. 14.  
 Button fastening device. P. Friedrich. 2,061,421; Nov. 17.  
 Button fastening device. F. A. Holmgren. 2,053,559; Sept. 8.  
 Buttonhole accessory, Garment. J. W. Steele. 2,041,575; May 19.  
 Button, Horn. W. K. Creson. 2,061,222; Nov. 17.  
 Button or cuff link, Sleeve. J. Compte y Riqué. 2,064,947; Dec. 22.  
 Button, Self-fastening. E. Jaffe. 2,058,020; Oct. 20.  
 Button, Sew-on. G. Johnson. 2,058,318; Oct. 20.  
 Button, Traverse. F. Holley and J. F. Madden. 2,052,226; Aug. 25.  
 Button, Tufting. R. O. Chaffee. 2,035,424; Mar. 24.  
 Buttons, Apparatus for selecting pearl. C. P. Carris. 2,063,485; Dec. 8.  
 Buttons, Making shank. B. F. Conner. 2,029,255; Jan. 28.  
 Bypass member, Electrostatic. W. Foerste. 2,046,374; July 7.  
 By-pass packer. W. T. Wells and E. R. Smith. 2,033,564; Mar. 10.  
 Bz2-halogen-benzanthrones. M. A. Perkins. 2,059,646; Nov. 3.  
 Cab and lock device for tanks. E. O. Young. 2,027,803; Jan. 14.  
 Cab for tractors and similar machinery, Agricultural and industrial. R. Hula. 2,052,471; Aug. 25.  
 Cab signal system, Automatic. M. T. Wintsch. 2,059,160; Oct. 27.  
 Cabbage coring device. I. G. Sharpe. 2,036,779; Apr. 7.  
 Cabin. J. J. Wilson. 2,047,721; July 14.  
 Cabin structure. R. B. McFerran. 2,033,438; Mar. 10.  
 Cabinet. J. R. Clark. 2,037,881; Apr. 21.  
 Cabinet. A. J. Guthrie. 2,055,288; Sept. 22.  
 Cabinet. I. R. Horn. 2,042,848; June 2.  
 Cabinet. J. W. Hughes. 2,043,664; June 9.  
 Cabinet. I. Litner. 2,050,617; Aug. 11.  
 Cabinet. D. J. McKean and O. Tusting. 2,055,038; Sept. 22.  
 Cabinet. W. C. McWhirter. 2,064,439; Dec. 15.  
 Cabinet. H. B. Moore. 2,033,642; Mar. 10.  
 Cabinet. R. W. Rosendale. 2,058,263; Oct. 20.  
 Cabinet. H. A. Sperlich. 2,027,498; Jan. 14.  
 Cabinet. M. F. Sticht. 2,061,010; Nov. 17.  
 Cabinet. F. H. Thompson. 2,046,222; June 30.  
 Cabinet and display case, Ship chart. C. J. Ward. 2,031,241; Feb. 18.  
 Cabinet and table, Combined. H. C. Williams. 2,059,994; Nov. 3.  
 Cabinet, Bag dispensing. A. T. Smith. 2,044,231; June 16.  
 Cabinet, chest, and the like. H. Derman. 2,027,154; Jan. 7.  
 Cabinet clamp. A. E. Odmark. 2,040,669; May 12.  
 Cabinet closure. G. J. Doyle. 2,047,461; July 14.  
 Cabinet closure and table. F. Gluckstein. 2,062,452; Dec. 1.  
 Cabinet, Combination. J. McGowan. 2,046,398; July 7.  
 Cabinet construction. G. F. Forsthoefel. 2,031,701; Feb. 25.  
 Cabinet construction. G. F. Forsthoefel. 2,060,756; Nov. 10.  
 Cabinet construction. W. M. Van Sciver. 2,030,554; Feb. 11.  
 Cabinet, Cooler. H. R. Loosley and W. O. Lowry. 2,059,700; Nov. 3.  
 Cabinet design. L. H. Darbyshire. 2,059,182; Oct. 27.  
 Cabinet, Dispensing. H. F. Bins. 2,038,822; Apr. 28.  
 Cabinet, Dispensing. J. J. Marino. 2,042,348; May 26.  
 Cabinet, Dispensing and display. S. T. Handel. 2,037,576; Apr. 14.  
 Cabinet, Display. C. W. Beck. 2,054,920; Sept. 22.  
 Cabinet, Display. J. Schick. 2,049,140; July 28.  
 Cabinet, Display. A. Vanderveld. 2,056,544; Oct. 6.  
 Cabinet, Drop. P. C. Mossner. 2,037,479; Apr. 14.  
 Cabinet, Electric sewing machine. D. H. Chason. 2,065,428; Dec. 22.  
 Cabinet, Electric sewing machine. H. J. Goosman and R. Kaier. 2,055,432-3; Sept. 22.  
 Cabinet, Electrical wall. I. D. Silverman. 2,044,860; June 23.  
 Cabinet, Filing. J. A. Hedges. 2,043,893; June 9.  
 Cabinet, Filing. J. A. Hedges. 2,056,853; Oct. 6.  
 Cabinet, Filing. V. Voorhees. 2,060,146; Nov. 10.  
 Cabinet for books, Coin controlled. A. A. Eagle and A. A. Grosser. 2,041,994; May 26.  
 Cabinet for collapsible tubes. E. Cairns. 2,026,864; Jan. 7.  
 Cabinet for electrical control devices and making the same. W. F. Steenweg. 2,059,671; Nov. 3.  
 Cabinet for house pets, Sanitary. W. B. Ebeling. 2,039,783; May 5.  
 Cabinet for phonographs. T. H. Beard, L. D. Norton, and J. E. Renholdt. 2,051,792; Aug. 18.  
 Cabinet for radios or similar devices, Revolving. C. F. Lutsche. 2,047,516; July 14.  
 Cabinet for towels and the like, Heating, drying and sterilizing. W. L. Gill and V. C. Kincaid. 2,060,065; Nov. 10.  
 Cabinet, Galley. R. I. Scheuer. 2,050,810; Aug. 11.  
 Cabinet, Heat insulating. C. G. Munsters. 2,065,608; Dec. 29.  
 Cabinet, Humidified. C. W. Ward. 2,050,140; Aug. 4.  
 Cabinet, Ironing machine. H. W. Altorfer. 2,029,283; Feb. 4.  
 Cabinet, Ironing machine. F. A. Parish. 2,037,816; Apr. 21.  
 Cabinet, Locker type. F. H. Anderson and A. E. King. 2,047,454; July 14.  
 Cabinet, Map. R. B. Lawton. 2,029,536; Feb. 4.  
 Cabinet, Mothproof metal clothes. H. Ringel. 2,061,672; Nov. 24.  
 Cabinet, Moving picture and sound. W. R. Bull. 2,029,306; Feb. 4.  
 Cabinet or casing structure. J. W. Racklyeft. 2,043,334; June 9.  
 Cabinet or the like, Physician's. H. G. Evans. 2,045,264; June 23.  
 Cabinet panel board unit. F. J. Bucher. 2,041,112; May 19.  
 Cabinet, Paper towel. J. Antone. 2,045,820; June 30.  
 Cabinet, Phonograph. L. J. Kelly. 2,062,517; Dec. 1.  
 Cabinet, Quick-assembled sectional. H. D. Geyer. 2,028,058; Jan. 14.  
 Cabinet, Refrigerating. G. J. Doyle. 2,047,462; July 14.  
 Cabinet, Refrigerating. J. E. Gloekler. 2,037,413; Apr. 14.  
 Cabinet, Refrigerating. W. P. J. Speicher. 2,027,845; Jan. 14.  
 Cabinet, Refrigerating display. R. N. Bicknell. 2,030,780; Feb. 11.  
 Cabinet, Refrigerator. A. E. Rinker. 2,066,124; Dec. 29.  
 Cabinet, Refrigerator. L. F. Seifert. 2,043,779; June 9.  
 Cabinet section. E. E. Reid. 2,065,983; Dec. 29.  
 Cabinet, Service. A. A. H. and M. A. L. Uhalt. 2,045,890; June 30.  
 Cabinet, Shower bath. P. W. Kerr. 2,065,531; Dec. 29.  
 Cabinet, Sign. R. A. Dicksen. 2,055,624; Sept. 29.



- Cabinet, Sound reproducing. E. J. Krause. 2,050,575; Aug. 11.
- Cabinet, Spraying. D. E. Knowlton. 2,041,001; May 19.
- Cabinet, Tooth brush. C. M. Tursky. 2,060,598; Nov. 10.
- Cabinet, Towel. J. N. Borroughs. 2,045,828; June 30.
- Cabinet, Towel. J. N. Borroughs. 2,048,099; July 21.
- Cabinet, Vending machine. W. H. Butterworth. 2,037,311; Apr. 14.
- Cabinet, Vending machine. W. H. Rowe. 2,041,089; May 19.
- Cable. R. W. Atkinson. 2,050,990; Aug. 11.
- Cable. O. A. McNamee. 2,035,088; Mar. 24.
- Cable. J. J. Morrison. 2,049,073; July 28.
- Cable. J. J. Morrison and C. W. Walker. 2,032,712; Mar. 3.
- Cable. R. A. Schatzel. 2,033,790; Mar. 10.
- Cable anchorage. C. Kendall. 2,032,703; Mar. 3.
- Cable and apparatus for manufacturing it, Electric. H. J. Boe. 2,060,162; Nov. 10.
- Cable and constructing the same, Supporting and conducting. W. T. Wells. 2,043,401; June 9.
- Cable and manufacturing it, Electric. R. F. Layton. 2,041,842; May 26.
- Cable and method of making. R. W. Atkinson. 2,050,991; Aug. 11.
- Cable and producing same. W. D. Lindsey. 2,048,271; July 21.
- Cable and rope winding appliances such as winches and hoists. W. C. Treloggen. 2,028,532; Jan. 21.
- Cable, Buoyant. W. T. Peirce. 2,048,811; July 28.
- Cable clamp. B. W. Cooper. 2,026,824; Jan. 7.
- Cable clamp. T. K. Cummins. 2,042,090; May 26.
- Cable clamp. J. J. Taylor. 2,031,236; Feb. 18.
- Cable clamp. J. J. Taylor. 2,059,413; Nov. 3.
- Cable clamp attachment. F. G. Bovard. 2,031,203; Feb. 18.
- Cable clip. H. P. Chandler. 2,046,247; June 30.
- Cable, Communication. E. Fischer. 2,054,010; Sept. 8.
- Cable, Conductor. W. T. Wells. 2,043,400; June 9.
- Cable connector. S. R. Bunker. 2,032,834; Mar. 3.
- Cable coupling. W. E. Dougherty. 2,034,695; Mar. 24.
- Cable cutter. H. Gustafson. 2,044,683; June 16.
- Cable cutting device. F. J. Van Laanen, Jr. 2,041,386; May 19.
- Cable, Electric. J. J. Alles. 2,056,085; Sept. 29.
- Cable, Electric. G. W. Baughman. 2,027,222; Jan. 7.
- Cable, Electric. P. H. Chase and J. R. Falconer. 2,060,036; Nov. 10.
- Cable, Electric. P. Dunsheath. 2,052,922-3; Sept. 1.
- Cable, Electric. P. Dunsheath. 2,057,562; Oct. 13.
- Cable, Electric. P. V. Hunter, L. G. Brazier, and H. Hill. 2,038,935; Apr. 28.
- Cable, Electric. H. G. Knoderer. 2,043,044; June 2.
- Cable, Electric. R. A. Schatzel. 2,034,992; Mar. 24.
- Cable, Electric. R. A. Schatzel. 2,059,178; Oct. 27.
- Cable, Electric. T. R. Scott and T. E. D. Menzies. 2,029,038; Jan. 28.
- Cable, Electric. C. E. Seaberg. 2,037,543; Apr. 14.
- Cable, Electric. R. J. Wiseman. 2,028,178; Jan. 21.
- Cable, Electrical. C. F. Obermaier and M. H. Owen. 2,038,377; Apr. 21.
- Cable ends, Making. A. Rosner. 2,051,900; Aug. 25.
- Cable, Fire alarm. I. L. Robblee and R. L. Baker. 2,058,721; Oct. 27.
- Cable fitting for field use and making same. E. C. Hedler. 2,060,864; Nov. 17.
- Cable grip. C. A. Barrett. 2,035,446; Mar. 31.
- Cable grip link. E. L. Alford. 2,059,188; Nov. 3.
- Cable hanger. F. G. Bovard. 2,058,538; Oct. 27.
- Cable head and method of construction. G. F. Turechek. 2,043,341; June 9.
- Cable, High tension. J. Forster. 2,063,306; Dec. 8.
- Cable, High tension electric. W. A. DelMar. 2,038,894; Apr. 28.
- Cable, High tension oil-filled. C. A. Piercy. 2,056,017; Sept. 29.
- Cable hitch. H. C. Fiege. 2,032,567; Mar. 3.
- Cable, Hollow. H. A. Staples. 2,046,978; July 7.
- Cable, Ignition. M. F. Peters. 2,058,619; Oct. 27.
- Cable, Insulated. J. A. Kenedy. 2,047,271; July 14.
- Cable, Interference preventing. J. J. Mascuch. 2,028,793; Jan. 28.
- Cable maintenance. H. Nyquist. 2,063,187; Dec. 8.
- Cable marker strip and making the same. E. Bengtson. 2,043,919; June 9.
- Cable, Multicore electric. P. V. Hunter, J. F. Watson, and L. G. Brazier. 2,038,934; Apr. 28.
- Cable, Oil filled high voltage. E. Kirch. 2,050,888; Aug. 11.
- Cable, Oil-filled high voltage. C. Tietig. 2,064,326; Dec. 15.
- Cable or wire line clamp. S. Bullum. 2,043,463; June 9.
- Cable outlet, Parkway. O. S. Flath. 2,041,055; May 19.
- Cable plug and latch holding the adapter. R. L. Triplett. 2,038,862; Apr. 28.
- Cable rack. L. I. Anderson. 2,059,429; Nov. 3.
- Cable reel. F. Cartlidge. 2,055,681; Sept. 29.
- Cable reel for blasting mines. S. Shingleton. 2,049,086; July 28.
- Cable, Reinforced sheathed. S. J. Rosch. 2,045,104; June 23.
- Cable releasing device. B. P. Smith and A. F. Lockwood. 2,037,668; Apr. 14.
- Cable saddle. A. P. Thomas and C. A. Keller. 2,050,510; Aug. 11.
- Cable sheaths, Making. L. Zickrick. 2,050,873; Aug. 11.
- Cable shortener. B. L. Mott. 2,049,074; July 28.
- Cable splice. R. C. Waldron. 2,030,080; Feb. 11.
- Cable splice connector. E. R. Vietzen. 2,058,929; Oct. 27.
- Cable splicer. I. Jacoel. 2,028,610; Jan. 21.
- Cable, Submarine. E. Studdt. 2,059,055; Oct. 27.
- Cable, Submarine signaling. O. B. Jacobs. 2,042,530; June 2.
- Cable suspension assembly, Sectional. J. P. Cordova. 2,057,328; Oct. 13.
- Cable system. F. W. von Werther. 2,037,552; Apr. 14.
- Cable system, Electric. C. E. Bennett. 2,062,289; Dec. 1.
- Cable system, Fluid filled electric. L. Emanuelli. 2,039,587; May 5.
- Cable system, High frequency. L. Walter. 2,036,002; Mar. 31.
- Cable terminal. A. Aumer. 2,040,817; May 19.
- Cable terminal, Contact. H. C. Welter. 2,044,554; June 16.
- Cable testing device. C. W. Newhall, Jr., and T. B. Morse. 2,032,493-4; Mar. 3.
- Cable tool joint. G. C. Davison. 2,045,520; June 23.
- Cable, Underground electric. P. T. Capdeville. 2,043,033; June 2.
- Cable unit and applying connecting members thereto, Flexible. D. Bruzon. 2,047,766; July 14.
- Cable winding mechanism. B. F. Fitch. 2,063,912; Dec. 15.
- Cables, Apparatus for shipping and installing electric power. C. E. Bennett. 2,046,364; July 7.
- Cables, Impregnation of electric. T. R. Scott and J. K. Webb. 2,065,927; Dec. 29.
- Cables, Joining fluid filled electric. L. Emanuelli. 2,049,835; Aug. 4.
- Cables, Making. A. Westlinning. 2,029,044; Jan. 28.
- Cables, Making copper sheathed steel core. H. A. Staples. 2,063,470; Dec. 8.
- Cables, Making lead sheathed. H. A. Staples. 2,057,454; Oct. 13.
- Cables, Manufacture of electric. T. R. Scott and J. K. Webb. 2,063,346; Dec. 8.
- Caddy, Cooky. A. E. Bergquist. 2,051,512; Aug. 18.
- Caddy fixture. E. Allen. 2,035,935; Mar. 31.
- Cadmium and its alloys, Melting and handling. A. J. Phillips and C. E. Swartz. 2,040,269; May 12.
- Cadmium from its ores, Separation of. R. W. Hyde. 2,064,835; Dec. 22.
- Cadmium on cadmium zinc alloys, Electroplating. E. C. Domm. 2,038,550; Apr. 28.
- Cage for antifriction bearings. E. C. Brodin. 2,044,663; June 16.
- Cage for ball or roller bearings. L. M. Ellis. 2,055,524; Sept. 29.
- Cage for rolling bearings. F. Allendorff. 2,035,417; Mar. 24.
- Cage, Roller bearing. J. B. Baker. 2,049,040; July 28.
- Caisson. R. S. Weiner. 2,051,926; Aug. 25.
- Caisson, Preparatory. E. Frankignoul. 2,048,252; July 21.
- Cake and making same. M. H. Joffe. 2,033,195; Mar. 10.
- Cake box. P. A. Brown. 2,061,957; Nov. 24.
- Cake box, Slice measuring. G. W. Rappold. 2,027,198; Jan. 7.
- Calandria, Floating. J. J. Munson and C. C. Wiggin, Sr. 2,065,147; Dec. 22.
- Calcium aluminate and alumina, Production of. J. C. Seailles. 2,055,947; Sept. 29.
- Calcium-base lithopone. H. F. Saunders. 2,041,618; May 19.
- Calcium carbonate, Colloidal. H. R. Rafton and A. M. Brooks. 2,058,503; Oct. 27.
- Calcium chloride brines, Purification of. C. Sundstrom and J. W. Hayes. 2,032,727; Mar. 3.
- Calcium chloride, Deodorized. C. R. Downs. 2,027,093; Jan. 7.
- Calcium chlorite, Manufacture of. G. P. Vincent. 2,031,681; Feb. 25.
- Calcium cyanamide, Producing. N. Caro. 2,052,920; Sept. 1.
- Calcium hypochlorite bleach liquor suitable for bleaching of paper pulp, Production of. J. D. Rue. 2,061,332; Nov. 17.
- Calcium levulinate, Manufacture of. G. J. Cox and M. L. Dodds. 2,033,909; Mar. 17.
- Calcium phosphates, Manufacture of. H. A. Curtis. 2,053,266; Sept. 8.
- Calcium phosphates, Manufacture of. W. H. Knox, Jr. 2,036,760; Apr. 7.
- Calcium salts of aldonic acids and resulting products, Crystallizing. H. S. Isbell. 2,044,793; June 23.
- Calcium salts of substituted quinoline carboxylic acids, Preparing. P. J. Breivogel. 2,030,958; Feb. 18.
- Calcium sulphate, Preparation of finely divided. W. W. Heckert. 2,044,942; June 23.
- Calcium sulphate product and method of making. D. C. Wysox. 2,052,436; Aug. 25.
- Calculating apparatus. K. Petschenig. 2,053,737; Sept. 8.
- Calculating apparatus. A. F. Spitzglass and O. T. Handwerk. 2,045,621; June 30.
- Calculating device. H. A. Aikins. 2,063,287; Dec. 8.
- Calculating device. G. L. Hogan. 2,034,189; Mar. 17.
- Calculating machine. H. T. Avery. 2,033,087-8; Mar. 8.
- Calculating machine. H. T. Avery. 2,062,634; Dec. 1.
- Calculating machine. H. T. Avery and G. Lerch. 2,044,978; June 23.



- Calculating machine. W. Ball. 2,043,221; June 9.  
 Calculating machine. E. Benninger. 2,062,963; Dec. 1.  
 Calculating machine. L. R. Brown. 2,043,279; June 9.  
 Calculating machine. F. Campos. 2,035,590; Mar. 31.  
 Calculating machine. F. Campos. 2,057,606; Oct. 13.  
 Calculating machine. G. C. Chase. 2,034,085; Mar. 17.  
 Calculating machine. G. C. Chase. 2,063,983-4; Dec. 15.  
 Calculating machine. R. A. Christian. 2,038,717; Apr. 28.  
 Calculating machine. R. A. Christian, J. R. Ganger, and E. E. Holt. 2,052,604; Sept. 1.  
 Calculating machine. L. P. Crosman. 2,055,623; Sept. 29.  
 Calculating machine. E. H. Dreher. 2,048,541; July 21.  
 Calculating machine. C. M. F. Friden. 2,028,540; Jan. 21.  
 Calculating machine. C. M. F. Friden. 2,044,977; June 23.  
 Calculating machine. R. Haase. 2,042,986; June 2.  
 Calculating machine. R. R. Henderson. 2,063,740; Dec. 8.  
 Calculating machine. K. O. R. Henzelmann. 2,039,795; May 5.  
 Calculating machine. S. Hilder. 2,046,820; July 7.  
 Calculating machine. F. A. Kaiser. 2,042,342; May 26.  
 Calculating machine. A. Käll. 2,048,453; July 21.  
 Calculating machine. A. Kottmann. 2,034,345; Mar. 17.  
 Calculating machine. A. Kottmann. 2,046,329; July 7.  
 Calculating machine. G. Lerch. 2,056,579; Oct. 6.  
 Calculating machine. G. Mez. 2,033,439; Mar. 10.  
 Calculating machine. R. L. Muller. 2,045,021; June 23.  
 Calculating machine. R. L. Muller. 2,052,104; Aug. 25.  
 Calculating machine. R. L. Muller. 2,055,550-2; Sept. 29.  
 Calculating machine. R. L. Muller. 2,061,667; Nov. 24.  
 Calculating machine. N. W. Perkins. 2,055,703; Sept. 29.  
 Calculating machine. E. Racz. 2,035,095; Mar. 24.  
 Calculating machine. E. Racz. 2,052,036; Aug. 25.  
 Calculating machine. E. Racz. 2,057,161; Oct. 13.  
 Calculating machine. E. Racz. 2,060,119; Nov. 10.  
 Calculating machine. L. J. Sampson. 2,056,536; Oct. 6.  
 Calculating machine. O. J. Sundstrand. 2,041,977; May 26.  
 Calculating machine. C. Schroder. 2,062,731; Dec. 1.  
 Calculating machine. J. A. V. Turck. 2,060,702-4; Nov. 10.  
 Calculating machine and cash drawer. E. Racz. 2,027,449; Jan. 14.  
 Calculating machine, Gas orifice meter chart. J. B. McGaughy. 2,057,664; Oct. 20.  
 Calculating machine, Key-responsive. J. A. V. Turck. 2,063,962; Dec. 15.  
 Calculating machine with automatic multiplying device and with result and totalizing registers. A. Kottmann. 2,035,322; Mar. 24.  
 Calculating machines, Counter control for. R. A. Christian and E. J. Ens. 2,063,080; Dec. 8.  
 Calculating machines, Key canceling arrangement for. F. Pott. 2,059,652; Nov. 3.  
 Calculating machines, Totalizer and keyboard capacity control for. R. J. Yackley and R. C. Hall. 2,052,044; Aug. 25.  
 Calculating mechanism. C. Smith. 2,028,529; Jan. 21.  
 Calculator, Noon interval. H. M. Jensen. 2,026,538; Jan. 7.  
 Calculator, Ratio. R. E. Wells. 2,058,280; Oct. 20.  
 Calendar. K. Clark and A. G. Mitchell. 2,041,652; May 19.  
 Calendar. C. H. Colvin. 2,036,398; Apr. 7.  
 Calendar. A. G. Maddock. 2,051,264; Aug. 18.  
 Calendar. O. W. Pendergast. 2,027,286; Jan. 7.  
 Calendar. M. E. Trollden. 2,048,415; July 21.  
 Calendar. L. L. Vierling. 2,041,097; May 19.  
 Calendar and coin container, Combination. O. T. Sanders. 2,029,443; Feb. 4.  
 Calendar, Automatic. A. K. H. Germundsson. 2,026,882; Jan. 7.  
 Calendar, Automatic. P. L. Ta'Bois. 2,039,567; May 5.  
 Calendar, Automatic perpetual. A. P. Neyhart. 2,056,532; Oct. 6.  
 Calendar calculating device. N. F. Mears. 2,062,036; Nov. 24.  
 Calendar clock. L. Hammond. 2,042,337; May 26.  
 Calendar clock mechanism. A. P. Neyhart. 2,056,905; Oct. 6.  
 Calendar, Mechanical. I. Povelsen. 2,044,808; June 23.  
 Calendar or the like, Memorandum. H. H. Tolman. 2,061,492; Nov. 17.  
 Calendar, Perpetual. V. Henry. 2,057,523; Oct. 13.  
 Calendar, Perpetual. I. C. McDaniel. 2,050,110; Aug. 4.  
 Calendar, Savings. H. J. Jepsen and K. C. Nielsen. 2,046,167; June 30.  
 Calendar machine. C. P. Putnam, E. E. Berry, and L. Hornbostel. 2,058,352; Oct. 20.  
 Calendaring, drying, or like treatment of materials. W. W. Spooner. 2,065,032; Dec. 22.  
 Caliper. A. B. Cox. 2,030,244; Feb. 11.  
 Caliper attachment for cutter heads and the like. C. O. Hane. 2,043,613; June 9.  
 Caliper gauge. A. W. Johanson. 2,039,718; May 5.  
 Caliper, Micrometer. O. J. Robillard. 2,047,887; July 14.  
 Caliper, Vernier. T. H. Minchew. 2,059,740; Nov. 3.  
 Caliper device. A. H. Avery. 2,055,274; Sept. 22.  
 Calipers, Watchmakers'. J. E. Kampe. 2,039,226; Apr. 28.  
 Calk for horseshoes, Screw. M. Mücklich. 2,049,544; Aug. 4.  
 Calk plate, Log gripping. C. L. Bower. 2,045,066; June 23.  
 Call recording apparatus for telephones. J. E. Laskin. 2,041,554; May 19.  
 Calling device. H. F. Obergfell. 2,043,674; June 9.  
 Calorimeter. A. L. Smyly. 2,058,522; Oct. 27.  
 Cam assembly for brakes. V. H. Burdick. 2,064,103; Dec. 15.  
 Cam cutting machine, Tracer controlled. B. Sassen. 2,050,127; Aug. 4.  
 Cam follower for a strip advancing mechanism. L. D. Martin. 2,029,930; Feb. 4.  
 Cam generating machine. H. Alfaro. 2,030,907; Feb. 18.  
 Cam grinding apparatus. C. G. Flygare. 2,053,866; Sept. 8.  
 Cam grinding apparatus. C. J. Green. 2,041,244; May 19.  
 Cam hardening machine. D. J. Campbell and C. W. Dake. 2,064,820; Dec. 22.  
 Cam intermittent movement, Dual. R. G. Fear. 2,037,124; Apr. 14.  
 Cam levers, Forming. C. E. Budd. 2,057,705; Oct. 20.  
 Cam lubricating means. Le R. S. Dunham. 2,041,053; May 19.  
 Cam particularly adapted for use in straight knitting machines employing horizontally reciprocable sinkers, Slur. G. F. Kettleband. 2,042,062; May 26.  
 Cam synchronizer, Ball type. H. J. Murray. 2,043,807; June 9.  
 Camera. R. B. Armstrong. 2,030,778; Feb. 11.  
 Camera. H. C. Fairchild. 2,042,983; June 2.  
 Camera. P. Frost. 2,036,326; Apr. 7.  
 Camera. L. Goldhammer. 2,060,933; Nov. 17.  
 Camera. L. Goldhammer. 2,065,449; Dec. 22.  
 Camera. L. Hanley and W. C. Anderson. 2,030,206; Feb. 11.  
 Camera. W. H. and E. C. Harrison. 2,043,539; June 9.  
 Camera. L. B. Hill. 2,035,961; Mar. 31.  
 Camera. O. D. Premo. 2,046,580; July 7.  
 Camera and control system therefor, Identification. H. H. Cole. 2,051,519; Aug. 18.  
 Camera and distance meter, Combined photographic. H. Küppenbender. 2,040,050; May 5.  
 Camera and distance meter, Combined photographic. H. Küppenbender. 2,065,335; Dec. 22.  
 Camera and exposure meter, Combination of. A. Lingg and S. Gelius. 2,060,089; Nov. 10.  
 Camera and flash lamp, Combined. H. Grogin. 2,049,735; Aug. 4.  
 Camera and projector, Motion picture. L. E. T. Branch. 2,026,960; Jan. 7.  
 Camera and the like, Motion picture. A. S. Howell. 2,028,608; Jan. 21.  
 Camera aperture, Automatic. W. F. Richardson. 2,046,926; July 7.  
 Camera attachment. J. Cree and J. W. Horn. 2,029,222; Jan. 28.  
 Camera, Automatic. F. A. Sears. 2,040,216; May 12.  
 Camera back construction. O. Wittel. 2,051,193; Aug. 18.  
 Camera bed latch. J. Christie and C. W. Crumrine. 2,052,554; Sept. 1.  
 Camera, Cinematographic and photographic. O. Barnack. 2,041,632; May 19.  
 Camera, Cinematographic view taking. A. L. V. C. Debie. 2,043,155; June 2.  
 Camera, Color motion picture. O. C. Gilmore. 2,050,223; Aug. 4.  
 Camera, Colored motion picture. T. A. and R. T. Killman. 2,060,505; Nov. 10.  
 Camera construction. C. W. Crumrine. 2,027,333; Jan. 7.  
 Camera construction. C. W. Crumrine. 2,043,968; June 9.  
 Camera construction. C. C. Fuerst. 2,029,918; Feb. 4.  
 Camera construction. W. D. Teague. 2,059,827; Nov. 3.  
 Camera, Continuously moving film. L. J. R. Holst, W. Mayer, and H. R. Menefee. 2,056,966; Oct. 13.  
 Camera diaphragm control. C. M. Tuttle. 2,058,531; Oct. 27.  
 Camera, Folding. C. W. Crumrine. 2,054,035; Sept. 8.  
 Camera, Folding. L. Goldhammer. 2,026,677; Jan. 7.  
 Camera, Folding. N. B. Green. 2,033,703; Mar. 10.  
 Camera for duplicating record cards. L. E. Hutchings. 2,042,005; May 26.  
 Camera for making parallax panoramagrams. H. E. Ives. 2,039,648; May 5.  
 Camera for three and four-color photography, Photographic. R. E. Reason. 2,053,224; Sept. 1.  
 Camera for use in tracing designs, Projecting. W. J. Gardner. 2,053,073; Sept. 1.  
 Camera, Interchangeable unit. F. W. Lutz. 2,036,061; Mar. 31.  
 Camera latch. C. W. Crumrine. 2,029,913; Feb. 4.  
 Camera latch. A. Nagel. 2,043,903; June 9.  
 Camera latch. D. H. Stewart. 2,027,004; Jan. 7.  
 Camera, Light intensity self-adjusting. G. Bucky and A. Einstein. 2,058,562; Oct. 27.  
 Camera mechanism. T. Korling. 2,029,238; Jan. 28.  
 Camera, Miniature. W. Marcussen. 2,057,198; Oct. 13.  
 Camera, Motion picture. P. J. Berggren. 2,049,041; July 28.  
 Camera, Motion picture. O. O. Ceccarini. 2,040,244; May 12.



- Camera, Motion picture. K. Morsbach. 2,029,736; Feb. 4.  
 Camera, Motion picture. A. W. Tondreau. 2,061,178; Nov. 17.  
 Camera, Photographic. Á. Barényi. 2,033,506; Mar. 10.  
 Camera, Photographic. O. Barnack. 2,041,633; May 19.  
 Camera, Photographic. M. Burger. 2,028,752; Jan. 28.  
 Camera, Photographic. H. C. Deckel. 2,064,341; Dec. 15.  
 Camera, Photographic. O. W. Githens. 2,029,474-6; Feb. 4.  
 Camera, Photographic. O. W. Githens. 2,040,935; May 19.  
 Camera, Photographic. L. Goldhammer. 2,034,978; Mar. 24.  
 Camera, Photographic. L. Goldhammer. 2,038,037; Apr. 21.  
 Camera, Photographic. L. Goldhammer. 2,053,867; Sept. 8.  
 Camera, Photographic. H. Kilfitt. 2,040,018; May 5.  
 Camera, Photographic. H. Kilfitt. 2,044,434; June 16.  
 Camera, Photographic. H. Küppenbender. 2,031,321; Feb. 18.  
 Camera, Photographic. H. Küppenbender. 2,032,060-1; Feb. 25.  
 Camera, Photographic. H. Küppenbender. 2,037,513; Apr. 14.  
 Camera, Photographic. H. Küppenbender. 2,053,089; Sept. 1.  
 Camera, Photographic. H. Kuppenbender. 2,058,086; Oct. 20.  
 Camera, Photographic. A. Nagel. 2,039,737; May 5.  
 Camera, Photographic. C. A. Verschoor. 2,052,261; Aug. 25.  
 Camera, Photographic. O. Wittel. 2,051,192; Aug. 18.  
 Camera, Photographic roll film. A. Nagel. 2,063,330-1; Dec. 8.  
 Camera positioning device. F. W. Lutz. 2,036,062; Mar. 31.  
 Camera, Roll film. Á. Barényi. 2,050,874; Aug. 11.  
 Camera, Roll film. P. Frost and L. Beckenbauer. 2,043,612; June 9.  
 Camera, Roll holding. C. C. Fuerst. 2,059,860; Nov. 3.  
 Camera, Self-erecting front. C. W. Crumrine. 2,047,257; July 14.  
 Camera shutter. R. F. Blattner. 2,053,513; Sept. 8.  
 Camera shutter. W. H. Richards. 2,047,983; July 21.  
 Camera shutter, Electrically operated. A. W. Stevens. 2,032,380; Mar. 3.  
 Camera, Sound and picture. E. W. Kellogg and S. Read, Jr. 2,031,836; Feb. 25.  
 Camera supporting and controlling device. E. W. Gent. 2,037,162; Apr. 14.  
 Camera, tripod head, Detachable. F. R. Getz. 2,029,230; Jan. 28.  
 Cameras, Device for parallax adjustment in photographic. W. Baumgärtner. 2,048,773; July 28.  
 Cameras, Erecting mechanism for folding. N. B. Green. 2,063,310; Dec. 8.  
 Cameras, Fade-out shutter mechanism for cinematograph. W. C. Vinten. 2,040,579; May 12.  
 Camping outfit, Portable. R. A. Hastings. 2,054,673; Sept. 15.  
 Can: See—  
   Collapsible paper can. Powder dispensing can.  
   Dispensing can. Preserving can.  
   Ether can. Sanitary preserving can.  
   Friction top can. Shaker top can.  
   Garbage can. Sheet metal can.  
   Ice can. Shipping and dispensing can.  
   Milk can. Tobacco can.  
   Oil can. Vacuum can.  
   Packing can.  
 Can. W. L. Hovey. 2,045,855; June 30.  
 Can. H. Sebell. 2,049,228; July 28.  
 Can attachment, Food. G. R. Johnson. 2,030,597; Feb. 11.  
 Can bodies from black plate, Making. A. L. Kronquest. 2,055,934; Sept. 29.  
 Can bodies or the like, Soldering. L. L. Jones. 2,054,086; Sept. 15.  
 Can body. W. E. Groenke. 2,064,537; Dec. 15.  
 Can body and cover feeding mechanism. C. E. Mallory. 2,058,704; Oct. 27.  
 Can body making machine. J. J. Engelman, J. Henchert, and G. Baker. 2,042,250; May 26.  
 Can body, Metal. A. L. Kronquest. 2,038,661; Apr. 28.  
 Can boxing machine. W. D. Kimball, C. I. Braren, and G. P. Schaefer. 2,052,513; Aug. 25.  
 Can closure and making the same. W. M. Vogel. 2,060,145; Nov. 10.  
 Can conveyor. J. E. Schmidt. 2,037,931; Apr. 21.  
 Can conveying and filling device. H. E. Gray. 2,058,976; Oct. 27.  
 Can cooler. T. H. Engleman. 2,059,511; Nov. 3.  
 Can cover. J. M. Hothersall. 2,034,720; Mar. 24.  
 Can cutting device, Plant. A. Pisani. 2,036,296; Apr. 7.  
 Can double seaming machine, Noncircular. H. L. Guenther. 2,062,024; Nov. 24.  
 Can dumping machine, Milk. H. M. Price. 2,061,085; Nov. 17.  
 Can end lining machine. M. L. Heald. 2,052,568; Sept. 1.  
 Can ends, Apparatus for coating shaped. A. L. Kronquest. 2,047,691; July 14.  
 Can ends, Coating shaped. A. L. Kronquest. 2,047,692; July 14.  
 Can feeding apparatus. G. W. Chalmers. 2,029,558; Feb. 4.  
 Can feeding means, Centrifugal. E. P. La Bounty. 2,032,619; Mar. 3.  
 Can feeding mechanism. N. P. Bach. 2,026,811; Jan. 7.  
 Can filling machine. C. H. Ayars. 2,061,644; Nov. 24.  
 Can filling machine. G. D. Gardner. 2,041,060; May 19.  
 Can-filling machine. G. D. Gardner. 2,055,075; Sept. 22.  
 Can filling machine. R. D. Rapp. 2,062,428; Dec. 1.  
 Can labeling machines, Attachment for. G. A. and G. V. Bardet. 2,045,287; June 23.  
 Can opening and sealing device, Combined. G. L. Baker. 2,064,716; Dec. 15.  
 Can opening machine. J. S. Townsend and L. R. Tansley. 2,049,879; Aug. 4.  
 Can or like cabinet, Garbage. J. A. Wisner. 2,041,038; May 19.  
 Can package and packaging. W. L. Rutkowski. 2,043,070; June 2.  
 Can packing machine. W. D. Kimball. 2,043,411; June 9.  
 Can perforating and resealing attachment. J. W. Starr and L. W. Reis. 2,055,989; Sept. 29.  
 Can piercing device. E. G. Mason. 2,037,036; Apr. 14.  
 Can pouring appliance. W. A. Miller. 2,056,530; Oct. 6.  
 Can sealing compound and the like. J. H. Haines. 2,035,601; Mar. 31.  
 Can sealing machine. S. G. Gorsline. 2,027,476; Jan. 14.  
 Can seaming machine. F. W. Burpee. 2,055,998; Sept. 29.  
 Can top, Friction. F. A. Durrant. 2,050,487; Aug. 11.  
 Can treating apparatus. A. R. Thompson. 2,062,535; Dec. 1.  
 Can washing and sterilizing apparatus. W. F. Lenschow. 2,057,152; Oct. 13.  
 Can wrapping and labeling machine. J. F. Mose. 2,034,727; Mar. 24.  
 Canned goods, Method and apparatus for cooking and cooling. A. R. Thompson. 2,043,310; June 9.  
 Canned milk dispenser. J. A. Hall, Jr. 2,038,356; Apr. 21.  
 Canned products, Processing. A. R. Kennedy. 2,056,526; Oct. 6.  
 Canning, Apparatus for. J. M. Young. 2,026,602; Jan. 7.  
 Canning, Apparatus for and method of. C. O. Ball. 2,029,303; Feb. 4.  
 Canning machine. T. J. Gardner and T. Vochoska. 2,048,156; July 21.  
 Canning method. J. M. Young. 2,026,601; Jan. 7.  
 Canning, Method of and apparatus for. C. O. Ball and P. C. Wilbur. 2,040,726; May 12.  
 Cans and the like, Apparatus for washing. J. M. McClatchie. 2,054,293; Sept. 15.  
 Cans, Apparatus for closing. C. E. Mallory. 2,047,423; July 14.  
 Cans, Lining the inside of. J. H. Murch. 2,028,798; Jan. 28.  
 Cans or other receptacles, Method and apparatus for washing milk. I. H. Kendall. 2,062,664; Dec. 1.  
 Candle. M. H. Gastel. 2,058,584; Oct. 27.  
 Candle and method relating thereto. H. H. Root. 2,052,005; Aug. 25.  
 Candle, Electric. H. Rothenberg. 2,031,507; Feb. 18.  
 Candle, Electric. E. A. Tighe. 2,032,451; Mar. 3.  
 Candle holder. I. Fishel. 2,058,223; Oct. 20.  
 Candle holder. G. A. Friedrichs. 2,057,943; Oct. 20.  
 Candle lamp. N. J. Baumer. 2,050,151; Aug. 4.  
 Candle wax from holders, Apparatus for removing. C. A. Gribble. 2,041,542; May 19.  
 Candy box. J. H. McGrath. 2,063,259; Dec. 8.  
 Candy coating feeding machine. J. B. Dilger and C. Allegri. 2,054,247; Sept. 15.  
 Candy decorating method. H. B. Cosler. 2,062,867; Dec. 1.  
 Cane or walking stick. L. Hage. 2,041,334; May 19.  
 Canister, Air-purifying. J. B. Dym. 2,063,990; Dec. 15.  
 Cannon, Miniature. G. E. Wade. 2,046,663; July 7.  
 Canopy, Clothesline. O. B. Tout. 2,039,504; May 5.  
 Canopy for children's play devices. B. H. Kennedy. 2,065,225; Dec. 22.  
 Canopy frame for beach or lawn chairs. H. S. Tornquist. 2,062,240; Nov. 24.  
 Canopy frame for swings. E. L. Weaver. 2,041,503; May 19.  
 Canopy, Lawn. C. X. Marshall. 2,029,886; Feb. 4.  
 Canopy support for sleeping bags or sun mats. V. P. Nelson. 2,055,044; Sept. 22.  
 Canting device. C. D. Smith. 2,048,357; July 21.  
 Canvas, Harvester thresher. G. G. Weber and J. Merryweather. 2,031,021; Feb. 18.  
 Canvas separator. R. M. Crampton. 2,038,890; Apr. 28.  
 Caoutchouc-like body, Manufacture of an elastic. J. Baer. 2,039,206; Apr. 28.  
 Cap. A. Barton. 2,032,521; Mar. 3.  
 Cap. F. Hasenberg. 2,037,683; Apr. 14.  
 Cap, Adjustable. M. Hertz. 2,051,084; Aug. 18.  
 Cap, Adjustable. O. C. Ritz-Woller. 2,038,003; Apr. 21.  
 Cap and clip, Fountain pen. G. Larsen. 2,048,127; July 21.  
 Cap and locking member therefor, Separable closure. H. K. Baskin. 2,058,206; Oct. 20.  
 Cap and making the same, Applicator. L. A. Von Till. 2,056,751; Oct. 6.  
 Cap and nipple, Baby bottle. A. Herstein. 2,060,212; Nov. 10.



- Cap and package, Friction. L. A. Von Till. 2,064,042; Dec. 15.
- Cap and producing same, Knitted. F. J. Wengen. 2,038,398; Apr. 21.
- Cap and wheel lock, Hub. A. Hersch. 2,060,416; Nov. 10.
- Cap applying machine. C. H. Brinton. 2,056,120; Sept. 29.
- Cap applying machine. R. C. Strout. 2,030,105; Mar. 31.
- Cap applying machine, Screw. A. I. Risser. 2,042,733; June 2.
- Cap, Attachment plug. H. Hubbell, Jr. 2,063,038; Dec. 8.
- Cap, Bathing. E. S. Abram. 2,033,802; Mar. 10.
- Cap, Bathing. P. A. Davies. 2,063,232; Dec. 8.
- Cap, Bottle. L. P. Moos and F. L. Fredrickson. 2,040,325; May 12.
- Cap, Bottle. W. C. Sentman. 2,061,214; Nov. 17.
- Cap, Bubble. T. O. Wentworth. 2,060,601; Nov. 10.
- Cap, Captive receptacle. C. M. Jones. 2,060,622; Nov. 10.
- Cap, Chimney. S. A. and D. W. Parker. 2,048,216; July 21.
- Cap closing tool. J. F. Esch. 2,039,272; Apr. 28.
- Cap, Closure. D. P. Balais. 2,052,070; Aug. 25.
- Cap, Closure. R. H. Whitehead. 2,027,503; Jan. 14.
- Cap, Collapsible tube. J. S. Graham. 2,052,347; Aug. 25.
- Cap, Conduit. R. G. Whitlock and L. Sharp. 2,060,840; Nov. 17.
- Cap, Container. G. Goebel. 2,063,428; Dec. 8.
- Cap, Container. P. O. Hoag. 2,046,745; July 7.
- Cap, Dispensing. E. W. Fend. 2,054,743; Sept. 15.
- Cap, Distributor. J. L. Arthur. 2,064,052; Dec. 15.
- Cap, Eyelid. W. G. Bauer. 2,044,965; June 23.
- Cap, Eyelid. W. G. Bauer. 2,061,183; Nov. 17.
- Cap, Fabric. F. R. Probst. 2,057,915; Oct. 20.
- Cap feeding device. C. H. Brinton. 2,053,763; Sept. 8.
- Cap for adhesive containers, Spreader. G. E. Nealand. 2,063,617; Dec. 8.
- Cap for bottles, etc., Closing. P. Heymans. 2,061,305; Nov. 17.
- Cap for bottles, Paper. A. Bodor. 2,034,739; Mar. 24.
- Cap for collapsible tubes and the like. J. Z. Mull, Sr., and H. MacIlvain. 2,026,646; Jan. 7.
- Cap for collapsible tubes, Dispensing. R. Bingham. 2,051,513; Aug. 18.
- Cap for collapsible tubes, Spring. W. J. Peters. 2,038,057; Apr. 21.
- Cap for containers, Dispenser. E. H. Byers. 2,040,545; May 12.
- Cap for containers, Double shell. W. G. Skutch. 2,042,028; May 26.
- Cap for dispensing tubes and the like, Closure. B. C. Beck. 2,040,638; May 12.
- Cap for excavating teeth, Box type. H. L. Morrison. 2,050,014; Aug. 4.
- Cap for fruit basket covers. S. H. Sheller. 2,028,567; Jan. 21.
- Cap for jars, Closure. W. P. White. 2,046,227; June 30.
- Cap for receptacles and bottoms, Closure. W. T. Mehaffey. 2,066,183; Dec. 29.
- Cap for receptacles and making the same, Closure. E. H. Fabrice. 2,041,912; May 26.
- Cap for receptacles, Closure. A. R. Fergusson. 2,041,403; May 19.
- Cap for road parting strips, Metal sealing. E. W. Burgess. 2,039,775; May 5.
- Cap for spark plugs, Terminal. L. F. Hahn. 2,055,408; Sept. 22.
- Cap for typewriter key bars. J. Linsky. 2,059,882; Nov. 3.
- Cap for X-ray tubes, Anticontact. C. J. van Vliet. 2,051,157; Aug. 18.
- Cap, Fuel tank closing. H. A. Collard. 2,037,499; Apr. 14.
- Cap, Guard. H. R. Taylor. 2,029,955; Feb. 4.
- Cap, Locking tank. L. C. Vanderlip. 2,034,931; Mar. 24.
- Cap member for fasteners. C. W. Hatch. 2,028,703; Jan. 21.
- Cap, Molded. L. A. Von Till. 2,039,757; May 5.
- Cap, Oil bottle silencer. F. J. Hitchcock and G. G. Perkins. 2,060,372; Nov. 10.
- Cap or the like, Tooth paste. M. S. Koster. 2,058,599; Oct. 27.
- Cap, Paste tube. J. P. Brunetti. 2,036,621; Apr. 7.
- Cap remover. M. Brin. 2,062,976; Dec. 1.
- Cap remover, Bottle. J. A. Lenhoff. 2,046,173; June 30.
- Cap remover, Bottle. J. A. Manarik. 2,059,736; Nov. 3.
- Cap remover, Bottle. R. C. Mitchell. 2,058,902; Oct. 27.
- Cap remover, Bottle. F. H. Rauh. 2,027,785; Jan. 14.
- Cap remover, Screw. J. P. McCready. 2,052,641; Sept. 1.
- Cap, Seal. R. S. Rheem. 2,062,796; Dec. 1.
- Cap sorting machine. G. A. Bresett. 2,038,096; Apr. 21.
- Cap, Storage battery. L. F. Havens. 2,036,331; Apr. 7.
- Cap, Tire valve stem. R. G. Rader. 2,057,590; Oct. 13.
- Cap, Tube. W. M. Glienke. 2,028,830; Jan. 28.
- Cap, Tube. R. D. Moore. 2,040,013; May 5.
- Capping device. T. Petersen. 2,050,895; Aug. 11.
- Capping mechanism. S. F. Anderson. 2,060,967; Nov. 17.
- Caps, Apparatus and method for forming. G. Goebel. 2,036,751; Apr. 7.
- Caps, Manufacturing pipe. T. W. Lowe. 2,039,967; May 5.
- Caps, Method and apparatus for manufacturing bottle. W. M. Vogel. 2,064,770; Dec. 15.
- Caps on bottles, Apparatus for attaching seal. S. O. Piehl and H. Friberg. 2,032,225; Feb. 25.
- Caps on containers, Method of and apparatus for making and sealing. H. F. Glunz. 2,056,720; Oct. 6.
- Caps, Securing hub. B. C. Place. 2,055,047; Sept. 22.
- Capacitor and method of fabrication, Electric. F. M. Clark and R. A. Ruscetta. 2,028,590; Jan. 21.
- Capacitor motor. R. F. Jackson and H. M. Biebel. 2,032,129; Feb. 25.
- Capacitor, Variable. P. J. Schwarzhaupt. 2,059,816; Nov. 3.
- Capillarimeter. E. J. Richley. 2,059,961; Nov. 3.
- Capsule blanks for bottles, Apparatus for making. A. G. Enock. 2,054,584; Sept. 15.
- Capsule filling apparatus. J. L. Lascoff. 2,064,840; Dec. 22.
- Capsule for containers. F. Lewin. 2,055,693; Sept. 29.
- Capsules, Apparatus for charging or filling metal. C. F. Lozon. 2,052,052; Aug. 25.
- Car. W. M. Sheehan. 2,063,057; Dec. 8.
- Car and like vehicle, Mine. C. D. McLaughlin. 2,057,900; Oct. 20.
- Car appliances, Freight. E. Benatar. 2,064,405; Dec. 15.
- Car, Articulated. J. Christiansen. 2,036,254; Apr. 7.
- Car, Articulated. W. H. Mussey. 2,053,348; Sept. 8.
- Car, Articulated. W. H. Mussey and M. P. Blomberg. 2,056,227; Oct. 6.
- Car, Articulated. T. H. Schoepf and D. M. Ritchie. 2,064,992; Dec. 22.
- Car, Articulated. T. H. Schoepf and D. M. Ritchie. 2,065,345; Dec. 22.
- Car axle drive. C. F. Gerlinger. 2,040,932; May 19.
- Car body construction. J. J. Tatum. 2,044,513; June 16.
- Car body construction. J. J. Tatum. 2,044,515; June 16.
- Car, Box. W. L. Thomas. 2,030,773; Feb. 11.
- Car, Box. W. L. Thomas. 2,038,692; Apr. 28.
- Car brake. J. P. Anderson. 2,062,982; Dec. 1.
- Car brake. G. A. Suckfield. 2,062,533; Dec. 1.
- Car brake mechanism. G. E. Edmunds. 2,056,653; Oct. 6.
- Car braking apparatus for railroads. J. Rabourdin. 2,045,201; June 23.
- Car, Cement. R. E. Cartzdafner. 2,051,984; Aug. 25.
- Car, Changeable gauge mine. G. J. Hahn and O. Sann. 2,056,100; Sept. 29.
- Car, Compartment freight. G. L. Bennett. 2,033,119; Mar. 10.
- Car connection. F. N. Bard, T. C. Gray, and A. H. Priebe. 2,058,124; Oct. 20.
- Car construction. J. P. Anderson. 2,034,551; Mar. 17.
- Car construction. J. P. Anderson. 2,062,981; Dec. 1.
- Car construction. C. J. Beezhold. 2,035,419; Mar. 24.
- Car construction. G. G. Gilpin. 2,054,783; Sept. 15.
- Car construction. G. G. Gilpin. 2,061,318; Nov. 17.
- Car construction. W. J. Hosceit. 2,042,528; June 2.
- Car construction. A. C. Schmohl. 2,034,537; Mar. 17.
- Car construction. J. B. D. Thompson and S. F. Udstad. 2,036,555; Apr. 7.
- Car construction, Articulated. J. O. Madison. 2,051,958; Aug. 25.
- Car construction, Railway. G. G. Gilpin. 2,040,045; May 5.
- Car construction, Railway. G. G. Gilpin. 2,041,407; May 19.
- Car construction, Railway. R. C. Kepner. 2,037,382; Apr. 14.
- Car construction, Railway. E. Latshaw. 2,046,391; July 7.
- Car construction, Railway. A. E. Small. 2,059,405; Nov. 3.
- Car construction, Railway freight. K. J. Tobin and C. E. Ekland. 2,028,574; Jan. 21.
- Car controlling means, Motor. L. H. Browne. 2,052,552; Sept. 1.
- Car, Convertible railway freight. A. J. Hersey and C. L. Madden. 2,063,434; Dec. 8.
- Car cooling device. W. C. Phillips. 2,027,834; Jan. 14.
- Car coupler support. G. G. Gilpin. 2,061,319; Nov. 17.
- Car door latch. E. H. Holmes. 2,058,018; Oct. 20.
- Car door lock. W. A. Beauchamp. 2,049,991; Aug. 4.
- Car, Drop bottom mine. H. W. Sanford. 2,044,019; June 16.
- Car, Drop bottom mine. H. W. Sanford. 2,044,638; June 16.
- Car, Dump. J. P. Anderson. 2,034,552; Mar. 17.
- Car, Dump. A. K. Pehrson. 2,062,526; Dec. 1.
- Car dumper retarding mechanism. E. W. Taylor. 2,038,811; Apr. 28.
- Car, Dumping. A. N. Smith. 2,038,245; Apr. 21.
- Car for transporting vehicles, Freight. E. A. Menhall. 2,036,344; Apr. 7.
- Car handling device, Railroad. A. R. Wilson. 2,040,353; May 12.
- Car heater. C. W. Darrah and F. M. Hardiman. 2,034,228; Mar. 17.
- Car heater. H. C. Rice. 2,026,655; Jan. 7.
- Car heater. A. J. Schutt and C. W. Darrah. 2,034,252; Mar. 17.
- Car heater. S. Vernet. 2,028,260; Jan. 21.
- Car heating system. R. J. Parsons. 2,034,955; Mar. 24.
- Car, Hopper. H. M. Pfager. 2,049,617; Aug. 4.
- Car, Hopper. H. M. Pfager, E. G. Hallquist, and W. M. Sheehan. 2,047,289; July 14.
- Car-icing apparatus. W. F. Estes. 2,033,234; Mar. 10.



- Car loading device. S. D. Butterworth. 2,034,893; Mar. 24.
- Car loading device. S. D. Butterworth. 2,060,027; Nov. 10.
- Car loading device. R. W. Chalmers. 2,060,032-3; Nov. 10.
- Car loading device. B. Colman. 2,064,415; Dec. 15.
- Car loading device. E. S. Evans. 2,060,059; Nov. 10.
- Car loading device. W. E. Hann. 2,064,975; Dec. 22.
- Car loading device. J. W. Hice. 2,054,858; Sept. 22.
- Car, Mine. H. E. Abkowitz and F. H. Freshwater. 2,051,538; Aug. 18.
- Car, Mine. G. E. Edmunds. 2,056,650-1; Oct. 6.
- Car, Mine. G. E. Edmunds. 2,056,654; Oct. 6.
- Car, Mine. H. P. Field. 2,037,374; Apr. 14.
- Car, Mine. P. S. McCallen. 2,042,266; May 26.
- Car, Mine. D. U. Rich. 2,030,938; Feb. 18.
- Car, Mine. W. M. Sheehan. 2,063,059; Dec. 8.
- Car, Mine. W. H. Statler. 2,053,922; Sept. 8.
- Car, Motor. J. S. Rasmussen. 2,056,585; Oct. 6.
- Car, Motor. W. B. Stout. 2,047,336; July 14.
- Car mover. A. F. Callison and H. B. Whipple. 2,057,230; Oct. 13.
- Car-mover. O. W. Miller. 2,039,919; May 5.
- Car mover. C. E. Peterson. 2,060,526; Nov. 10.
- Car, particularly those used for amusement purposes, Motor. C. H. Harrison. 2,051,375; Aug. 18.
- Car, Quarry. J. G. Wilson. 2,033,798; Mar. 10.
- Car, Radiator. F. A. Neveu. 2,044,952; June 23.
- Car, Rail. E. E. Adams and M. P. Blomberg. 2,056,228; Oct. 6.
- Car, Rail. R. J. Burrows and A. O. Williams. 2,051,073-5; Aug. 18.
- Car, Rail fissure detector. H. C. Drake and F. D. Brad-don. 2,053,704; Sept. 8.
- Car, Rail flaw detector. L. J. DeLanty. 2,027,814; Jan. 14.
- Car, Railway. E. W. Dart. 2,037,765; Apr. 21.
- Car, Railway. E. W. Dart. 2,056,224; Oct. 6.
- Car, Railway. B. F. Fitch. 2,047,955; July 21.
- Car, Railway. E. G. Hallquist and L. Visser. 2,042,151; May 26.
- Car, Railway. C. Hankins. 2,043,615; June 9.
- Car, Railway. C. Hankins. 2,043,616; June 9.
- Car, Railway. W. H. Mussey. 2,056,231; Oct. 6.
- Car, Railway. K. F. Nystrom. 2,058,492; Oct. 27.
- Car, Railway. C. D. Rice. 2,058,630; Oct. 27.
- Car, Railway. W. B. Stout. 2,056,217-18; Oct. 6.
- Car, Railway. G. E. Tiley. 2,030,553; Feb. 11.
- Car, Railway. W. E. Wine. 2,044,895; June 23.
- Car, Railway. W. E. Wine. 2,060,157; Nov. 10.
- Car, Railway. W. E. Wine and C. Hankins. 2,043,602; June 9.
- Car, Railway. E. H. Wright and E. W. Dart. 2,056,225; Oct. 6.
- Car, Railway hopper. C. F. Frede and H. E. Thiele. 2,032,204; Feb. 25.
- Car, Railway hopper. W. E. Wine. 2,060,156; Nov. 10.
- Car, Railway refrigerator. G. G. Gilpin. 2,048,115; July 21.
- Car, Refrigerator. A. Christianson and H. T. Anderson. 2,047,133; July 7.
- Car, Refrigerator. G. E. Hulse and F. M. Brinckerhoff. 2,055,537; Sept. 29.
- Car retarder control system, Railway. W. K. Howe. 2,038,112; Apr. 21.
- Car retarders, Apparatus for the control of railway. J. W. Livingston. 2,028,909; Jan. 28.
- Car scotch. Safety mine. G. W. Stone. 2,038,141; Apr. 21.
- Car seat. A. B. Bell. 2,038,532; Apr. 28.
- Car seat, Revolving. E. J. Beck, C. A. Van Derveer, and K. Karpen. 2,030,621; Feb. 11.
- Car, Section. F. W. Anderson. 2,050,776; Aug. 11.
- Car service, Drop end railroad. R. E. Cartzdafner and O. O. Williams. 2,052,867; Sept. 1.
- Car, Side unloading freight. W. P. Kellett. 2,036,336; Apr. 7.
- Car, Spring mounted. G. E. Edmunds and R. C. Purk-hiser. 2,056,652; Oct. 6.
- Car stop. J. F. Phillips. 2,048,946; July 28.
- Car structure. E. W. Schellentrager. 2,041,211; May 19.
- Car structure. W. M. Sheehan. 2,063,056; Dec. 8.
- Car structure, Dump. E. C. Jackson. 2,049,612; Aug. 4.
- Car structure, Railway. A. E. Le Gare. 2,049,614; Aug. 4.
- Car structure, Railway. G. G. Gilpin. 2,030,748; Feb. 11.
- Car structure, Railway. G. G. Gilpin. 2,054,784; Sept. 15.
- Car structure, Railway. A. C. Moore and A. Wasberg. 2,062,757; Dec. 1.
- Car structure, Railway. W. M. Sheehan. 2,032,186; Feb. 25.
- Car structure, Shock reducing. W. P. Kellett. 2,040,486; May 12.
- Car, Tank. R. C. Pierce. 2,059,025; Oct. 27.
- Car, Trolley patrol. R. N. Miller. 2,030,650; Feb. 11.
- Car truck. F. H. Bender. 2,047,251; July 14.
- Car truck. G. T. Johnson. 2,031,777; Feb. 25.
- Car truck. M. H. Martin. 2,040,180; May 12.
- Car truck. W. B. Stout and E. H. Wright. 2,056,219-20; Oct. 6.
- Car truck. E. W. Webb. 2,031,805; Feb. 25.
- Car truck bolster. K. R. Hammerstrom. 2,065,454; Dec. 22.
- Car truck, Railway. A. F. Leppla. 2,032,996; Mar. 3.
- Car truck side frame. K. R. Hammerstrom. 2,065,453; Dec. 22.
- Car truck with coil-elliptic springs, Freight. E. W. Webb. 2,032,604; Mar. 3.
- Car underframe. J. D. Fenstermacher and B. B. Sumner. 2,048,330; July 21.
- Car underframe structure. W. O. Ashe. 2,032,195; Feb. 25.
- Car, Underground mine. H. F. Flowers. 2,063,544; Dec. 8.
- Car wall construction. H. S. Hart. 2,040,307; May 12.
- Car wall, Railway. G. G. Gilpin. 2,050,655; Aug. 11.
- Car wall, Railway. W. J. Tangerman. 2,041,651; May 19.
- Car wheel. E. Latschaw. 2,059,256; Nov. 3.
- Car wheel. W. P. May. 2,047,358; July 14.
- Car wheel, Resilient. R. J. Wittmer. 2,048,240; July 21.
- Car with air circulating chamber, Insulated. C. O. Corn-well. 2,040,296; May 12.
- Car without rotary swinging movement, Motor. A. Drech-sel. 2,051,078; Aug. 18.
- Cars, Adjustable-bulkhead-cargo-press structure for rail-way. H. V. Wynn. 2,056,815; Oct. 6.
- Cars, Air conditioning railroad. A. E. Stacey, Jr., C. M. Ashley, and H. R. Arf. 2,059,715; Nov. 3.
- Cars and other vehicles, Suspension of railway. J. Bugatti. 2,034,504; Mar. 17.
- Cars, Apparatus for unloading. F. A. Bean. 2,058,125; Oct. 20.
- Cars on streets, Appliance for the transport of railway. J. Culemeyer. 2,058,955; Oct. 27.
- Cars or other vehicles, Apparatus for icing railway re-frigerator. E. C. Grayson and V. W. Benner. 2,063,431; Dec. 8.
- Cars, Refrigerator shipping container for container. E. Rice, Jr. 2,057,058; Oct. 13.
- Carbazole derivatives. H. Hauser and M. Bommer. 2,027,909; Jan. 14.
- Carbazole derivatives and making same. H. Hauser and M. Bommer. 2,027,908; Jan. 14.
- Carbide material, Hard cemented. G. J. Comstock. 2,033,513; Mar. 10.
- Carbide tool bit, Laminated cemented. G. F. Taylor. 2,053,977; Sept. 8.
- Carbinols and preparing them, Separation products of aliphatic. A. Steindorff, H. Lange, and K. Horst. 2,062,842; Dec. 1.
- Carbohydrate compounds, Manufacture of. H. Dreyfus. 2,055,893; Sept. 29.
- Carbohydrate derivatives and making the same. G. W. Rigby. 2,033,787; Mar. 10.
- Carbon, Adsorbent. C. G. Wortz. 2,036,380; Apr. 7.
- Carbon bisulphide, Apparatus for the purification of. A. M. Harkness and C. Iddings. 2,037,468; Apr. 14.
- Carbon bisulphide process. C. Iddings. 2,052,297; Aug. 25.
- Carbon bisulphide. Production of. M. J. Leahy. 2,026,840; Jan. 7.
- Carbon black. W. H. Grote. 2,066,274; Dec. 29.
- Carbon black, Aqueous dispersion of. G. R. Tucker. 2,046,757-8; July 7.
- Carbon black by the thermal dissociation of organic mate-rials, Production of. J. J. Jakosky. 2,054,034; Sept. 15.
- Carbon black, Dispersible. A. A. Brizzolara, E. L. Duh-ring, and A. M. Erskine. 2,062,159; Nov. 24.
- Carbon black, Forming agglomerated. H. W. Grote. 2,040,770; May 12.
- Carbon black, Making aggregates of. H. J. Glaxner. 2,065,371; Dec. 22.
- Carbon black manufacture. P. K. Frolich. 2,062,358; Dec. 1.
- Carbon chlorides, Production of. J. J. Grebe, J. H. Reilly, and R. M. Wiley. 2,034,292; Mar. 17.
- Carbon coated objects and making same. H. J. Miller. 2,062,370; Dec. 1.
- Carbon compounds of the anthraquinone series. E. E. Beard. 2,049,189; July 28.
- Carbon compounds of the 1:9-anthrathiophene series. R. N. Lulek. 2,049,214; July 28.
- Carbon compounds, Production of fluorine-containing. H. W. Daudt and M. A. Youker. 2,062,743; Dec. 1.
- Carbon compounds, Thermal treatment of. P. Feiler. 2,063,596; Dec. 8.
- Carbon copier. F. W. Vollans. 2,064,328; Dec. 15.
- Carbon dioxide, Apparatus for producing solid. J. C. Goosmann. 2,046,260; June 30.
- Carbon dioxide, Apparatus for solidifying. T. Eichmann. 2,062,971; Dec. 1.
- Carbon dioxide from gaseous mixtures free from sulphur compounds, Separation of. H. Baehr and H. Mengdehl. 2,053,650; Sept. 8.
- Carbon dioxide from limestone, Manufacture of. M. N. Colman. 2,036,517; Apr. 7.
- Carbon dioxide from waste gases, Recovery of. R. H. McKee and E. A. Winter. 2,043,109; June 2.
- Carbon dioxide ice cooling system. H. S. Cornish. 2,030,242; Feb. 11.
- Carbon dioxide, Method and apparatus for freezing liquid. J. C. Goosmann. 2,047,099; July 7.
- Carbon dioxide, Method of and apparatus for obtaining. F. B. Hunt and R. L. Turner. 2,048,656; July 21.
- Carbon dioxide, Purification of. R. H. McKee. 2,039,330; May 5.



- Carbon dioxide, Purifying commercial. H. G. Carmichael. 2,044,279; June 16.
- Carbon disulphide from viscose products, Recovery of. W. F. Richter. 2,035,981; Mar. 31.
- Carbon flow adjusting attachment for rotary web printing presses. N. S. Welk. 2,062,154; Nov. 24.
- Carbon holder. E. R. Evans. 2,050,297; Aug. 11.
- Carbon holder. C. A. Fuchs and F. Spaloss. 2,056,963; Oct. 13.
- Carbon, Making nonstructural activated. J. C. Morrell. 2,037,257; Apr. 14.
- Carbon monoxide and hydrogen from methane, Production of. E. Wilke and F. Fried. 2,042,285; May 26.
- Carbon on sheets of paper with a platen job press of the revolving disk type, Printing wax spots of. G. A. Rutkoskie. 2,058,511; Oct. 27.
- Carbon or decolorizing carbon, Preparation of activated or absorbent. A. McCulloch and R. E. Hargraves. 2,027,695; Jan. 14.
- Carbon paper rejuvenator. C. J. Roniger. 2,060,693; Nov. 10.
- Carbon pile meter. J. D. Keller. 2,030,523; Feb. 11.
- Carbon pile regulator. A. J. S. Brown. 2,052,078; Aug. 25.
- Carbon piles, Apparatus for making helical. G. E. Hulse. 2,030,211; Feb. 11.
- Carbon, Producing activated. W. Fuchs. 2,040,931; May 19.
- Carbon production, Active. K. B. Stuart. 2,055,755; Sept. 29.
- Carbon, Production of highly active. E. Hene. 2,056,854; Oct. 6.
- Carbon, Reclaiming oil containing. G. J. Strezynski. 2,030,480; Feb. 11.
- Carbon remover and using the same. H. E. Buc and R. Rosen. 2,047,191; July 14.
- Carbon reservoir and feeding mechanism therefor. J. L. Westhaver. 2,032,240; Feb. 25.
- Carbon tetrachloride, Stabilized. E. C. Missbach. 2,043,258-60; June 9.
- Carbonaceous bearing material. B. H. McQueer. 2,041,896; May 26.
- Carbonaceous impurities from hydrogen and other gases, Removing. J. S. Ferguson. 2,032,925; Mar. 3.
- Carbonaceous material, Apparatus for the treatment of. I. H. Derby and H. R. Horner. 2,029,759; Feb. 4.
- Carbonaceous material, Apparatus for treating. I. H. Derby and H. R. Horner. 2,029,760; Feb. 4.
- Carbonaceous material, Apparatus for treating. I. H. Derby and H. R. Horner. 2,029,763; Feb. 4.
- Carbonaceous material, Destructive hydrogenation of. P. Harold and H. Kaufmann. 2,058,789; Oct. 27.
- Carbonaceous material, Treating. I. H. Derby and H. R. Horner. 2,029,762; Feb. 4.
- Carbonaceous material, Treatment of. C. J. Greenstreet. 2,054,725; Sept. 15.
- Carbonaceous materials, Conversion of. M. Pier, B. Engel, and W. Kroenig. 2,054,776; Sept. 15.
- Carbonaceous materials, Hydrogenating. T. W. Pfirrmann. 2,057,971; Oct. 20.
- Carbonaceous materials, Hydrogenating distillable. M. Pier, W. Simon, and W. Kroenig. 2,028,348; Jan. 21.
- Carbonaceous materials, Hydrogenation of. T. W. Pfirrmann. 2,041,858; May 26.
- Carbonaceous materials of high boiling point range, Conversion of liquid. M. Pier. 2,045,794; June 30.
- Carbonaceous materials, Treatment of. M. Pier. 2,055,633; Sept. 29.
- Carbonaceous materials, Working-up of. K. Schoenemann. 2,060,447; Nov. 10.
- Carbonaceous substances, tars, mineral oils, and the like into more valuable products, Conversion of. C. Krauch and M. Pier. 2,035,133; Mar. 24.
- Carbonates and apparatus therefor, Burning. W. E. Moore and G. L. Simpson. 2,043,859; June 9.
- Carbonization or heat treatment of solid materials, Apparatus for the. S. R. Illingworth. 2,039,081; Apr. 28.
- Carbonyl compounds and alcohols, Producing aliphatic. H. Prückner. 2,043,708; June 9.
- Carbonylic compounds, Production. C. T. Kautter. 2,060,086; Nov. 10.
- Carboxylates, Aryl mercury aromatic. C. N. Andersen. 2,059,195; Nov. 3.
- Carboxylates of aliphatic alcohols with non-aromatic sulphonic carboxylic acids. F. Guenther, J. Conrad, and K. Saftien. 2,043,476; June 9.
- Carboy carrier. H. T. Kraft. 2,036,876; Apr. 7.
- Carbureting apparatus. H. H. Waters and R. F. Gagg. 2,052,327; Aug. 25.
- Carburetion for internal combustion engines, Auxiliary. A. Moore. 2,044,094; June 16.
- Carburetor. J. H. Arff. 2,047,661; July 14.
- Carburetor. J. D. Bashor. 2,027,263; Jan. 7.
- Carburetor. N. H. Bissel. 2,057,552; Oct. 13.
- Carburetor. K. R. Blake and R. H. Hill. 2,028,585; Jan. 21.
- Carburetor. L. D. Boyce. 2,048,727; July 28.
- Carburetor. O. Brökel. 2,062,496; Dec. 1.
- Carburetor. E. L. Brown. 2,029,556; Feb. 4.
- Carburetor. F. J. and W. H. Burrows. 2,041,524; May 19.
- Carburetor. V. Campanella. 2,029,853; Feb. 4.
- Carburetor. M. E. Chandler. 2,035,636; Mar. 31.
- Carburetor. M. E. Chandler. 2,036,020; Mar. 31.
- Carburetor. M. E. Chandler. 2,038,206; Apr. 21.
- Carburetor. M. E. Chandler. 2,042,770; June 2.
- Carburetor. M. E. Chandler. 2,051,820; Aug. 25.
- Carburetor. M. E. Chandler and D. Cole. 2,048,428; July 21.
- Carburetor. L. M. Crabb. 2,040,922; May 19.
- Carburetor. H. V. Croon. 2,054,363; Sept. 15.
- Carburetor. J. Dolza. 2,036,465; Apr. 7.
- Carburetor. J. L. Edelen and S. F. Hunt. 2,064,596; Dec. 15.
- Carburetor. J. R. Emerson. 2,050,995; Aug. 11.
- Carburetor. G. R. Ericson. 2,036,205; Apr. 7.
- Carburetor. W. T. and L. Farrow, and J. C. H. Boyce. 2,034,430; Mar. 17.
- Carburetor. D. Firth. 2,055,925; Sept. 29.
- Carburetor. J. W. Fitzgerald. 2,040,254; May 12.
- Carburetor. R. E. Gould. 2,038,785; Apr. 28.
- Carburetor. J. J. Grenat. 2,063,433; Dec. 8.
- Carburetor. G. O. Griffin and J. H. Batchelor. 2,050,567; Aug. 11.
- Carburetor. G. Hammond. 2,053,712-13; Sept. 8.
- Carburetor. D. E. Hartshorn. 2,052,225; Aug. 25.
- Carburetor. V. R. Heftler. 2,034,097; Mar. 17.
- Carburetor. V. R. Heftler. 2,066,003; Dec. 29.
- Carburetor. R. B. Hirth. 2,030,922; Feb. 18.
- Carburetor. S. F. Hunt. 2,031,709; Feb. 25.
- Carburetor. H. L. Johnson. 2,060,217; Nov. 10.
- Carburetor. D. P. King. 2,043,801; June 9.
- Carburetor. C. H. Kirby. 2,026,788; Jan. 7.
- Carburetor. G. Koppe. 2,065,334; Dec. 22.
- Carburetor. E. A. Larrosa. 2,043,895; June 9.
- Carburetor. W. E. Leibing and R. D. Fageol. 2,034,048; Mar. 17.
- Carburetor. P. E. Mack. 2,063,107; Dec. 8.
- Carburetor. W. Markwart. 2,029,666; Feb. 4.
- Carburetor. E. Mathieu. 2,031,379; Feb. 18.
- Carburetor. E. C. Meek. 2,057,389; Oct. 13.
- Carburetor. M. Mennesson. 2,043,514; June 9.
- Carburetor. M. L. Mennesson. 2,035,177; Mar. 24.
- Carburetor. A. Moore. 2,037,530; Apr. 14.
- Carburetor. G. A. Munch and J. W. Boniec. 2,036,431; Apr. 7.
- Carburetor. H. B. Norris. 2,039,549; May 5.
- Carburetor. A. M. Prentiss. 2,057,739; Oct. 20.
- Carburetor. W. B. Parker. 2,040,020; May 5.
- Carburetor. C. N. Pogue. 2,026,798; Jan. 7.
- Carburetor. W. C. Rayfield. 2,060,747; Nov. 10.
- Carburetor. C. R. Robidoux. 2,035,570; Mar. 31.
- Carburetor. A. J. Sager. 2,059,657; Nov. 3.
- Carburetor. C. Sanctorum. 2,058,831; Oct. 27.
- Carburetor. F. Smith. 2,057,215; Oct. 13.
- Carburetor. S. C. Smith. 2,030,331; Feb. 11.
- Carburetor. J. A. Speed. 2,060,538; Nov. 10.
- Carburetor. O. F. Teed. 2,042,913; June 2.
- Carburetor. S. M. Udale. 2,035,681; Mar. 31.
- Carburetor. G. C. S. von Hilvety. 2,034,163; Mar. 17.
- Carburetor. E. D. Wallace. 2,056,334; Oct. 6.
- Carburetor. W. H. Weber. 2,061,494; Nov. 17.
- Carburetor. W. H. Weber. 2,062,260; Nov. 24.
- Carburetor. S. Widegren. 2,057,808; Oct. 20.
- Carburetor. E. O. Wirth. 2,057,700; Oct. 20.
- Carburetor air intake and vaporizer. A. G. Abate. 2,029,210; Jan. 28.
- Carburetor and governor, Combination of. F. H. Steele. 2,032,638; Mar. 3.
- Carburetor, Downdraft. H. H. Grazer. 2,051,038; Aug. 18.
- Carburetor float stabilizer. D. Firth. 2,064,156; Dec. 15.
- Carburetor for carbureted water gas sets. C. H. Hughes. 2,064,006; Dec. 15.
- Carburetor for combustion engines. W. Wemhöner. 2,029,142; Jan. 28.
- Carburetor for internal combustion engines. B. H. Ravanelli. 2,064,217; Dec. 15.
- Carburetor for internal combustion engines. S. Surra. 2,049,180; July 28.
- Carburetor for internal combustion motors. N. G. A. Gustafsson. 2,039,990; May 5.
- Carburetor, Heavy oil. A. Seidel. 2,039,354; May 5.
- Carburetor mechanism. T. A. Biall. 2,040,185; May 12.
- Carburetor, Oil. P. D. Doyle. 2,038,031; Apr. 21.
- Carburetor, Supercharging. C. Wilson. 2,053,756; Sept. 8.
- Carburetor valve. M. J. Kittler. 2,038,223; Apr. 21.
- Carburetors, Apparatus for testing and adjusting. H. D. Green. 2,048,445; July 21.
- Carbureting device. Y. Djordjevich. 2,062,506; Dec. 1.
- Carburization of ferrous metals. D. A. Holt. 2,049,806; Aug. 4.
- Carburizing box. H. H. Harris. 2,034,181-3; Mar. 17.
- Carcass-cleaving machine. H. A. Meyer. 2,027,396-7; Jan. 14.
- Card analyzing machine. E. A. Ford. 2,027,033; Jan. 7.
- Card and display holder. F. L. Wertz. 2,064,047; Dec. 15.
- Cardboard box. R. H. Filmer. 2,027,525; Jan. 14.
- Card controlled device. K. A. Knutsen. 2,046,465; July 7.
- Card dealing and shuffling machine. G. W. Nelson. 2,061,668; Nov. 24.



- Card dealing apparatus, Playing. W. C. Miles. 2,051,615; Aug. 18.
- Card dealing device. H. I. McConnell. 2,048,942; July 28.
- Card dealing device. L. F. Weber. 2,044,266; June 16.
- Card dealing machine. R. H. Plass. 2,065,824; Dec. 29.
- Card display sign, Advertising. E. Fish. 2,060,982; Nov. 17.
- Card feed with slit. R. E. Page. 2,039,831; May 5.
- Card feeding and analyzing device. G. F. Daly. 2,053,069; Sept. 1.
- Card for corn pads and the like. W. M. Scholl. 2,037,343; Apr. 14.
- Card for safety pins and similar articles, Display. E. J. Malvey. 2,043,385; June 9.
- Card for statistical machines and manufacturing said cards. L. A. Valtat. 2,041,880; May 26.
- Card game apparatus. S. F. Warner. 2,043,343; June 9.
- Card game board. H. B. Taylor. 2,049,181; July 28.
- Card, Hinged. A. A. Ainsworth. 2,038,468; Apr. 21.
- Card holder. E. B. Gray. 2,041,756; May 26.
- Card holder. G. E. Long. 2,040,750; May 12.
- Card holder. E. R. Schroeder. 2,050,738; Aug. 11.
- Card holder. P. Theus. 2,036,729; Apr. 7.
- Card holding device for typewriters. S. Palley. 2,034,730; Mar. 24.
- Card index and the like. F. H. Loveridge and E. H. Smythe. 2,026,582; Jan. 7.
- Card indexing machine. D. A. Nevin. 2,032,629; Mar. 3.
- Card perforating machines, Controlling. L. F. Woodruff and M. L. Nelson. 2,028,638; Jan. 21.
- Card printing device, Automatic show. L. A. Stinson. 2,060,749; Nov. 10.
- Card printing machine. J. Locke. 2,039,600; May 5.
- Card printing machine. E. C. Oliver. 2,057,843; Oct. 20.
- Card punching machine. W. W. Lasker. 2,044,707-8; June 16.
- Card reading and analyzing device, Perforated. J. R. Peirce and T. E. Torkelson. 2,049,719; Aug. 4.
- Card shuffler, Playing. H. E. McCoy. 2,060,096; Nov. 10.
- Card, Statistical. H. Goerlitz. 2,054,811; Sept. 22.
- Card table. J. de St. Mart. 2,061,143; Nov. 17.
- Card table. T. L. Green. 2,060,302; Nov. 10.
- Card table. G. L. Moore. 2,044,588; June 16.
- Card table. G. H. Thacher and C. C. Willson. 2,045,931; June 30.
- Card table indicator. C. A. Tompkins. 2,046,799; July 7.
- Card verifier. J. W. Bryce. 2,043,280; June 9.
- Card verifier. W. Lang. 2,059,799; Nov. 3.
- Card verifier, Perforated. B. K. F. Ewald. 2,036,029; Mar. 31.
- Card verifying device, Perforated. A. H. Simpson. 2,043,308; June 9.
- Card verifying machine. W. Kuhlman and P. Becker. 2,048,394; July 21.
- Card writing machine. C. E. Huddleston. 2,035,071; Mar. 24.
- Carding and silver forming mechanism for mixed fibers. C. Holdsworth. 2,045,911; June 30.
- Carding machine. M. Pla Rosell. 2,049,824; Aug. 4.
- Carding machine. N. Serra. 2,049,827; Aug. 4.
- Cards, Apparatus for punching index. C. H. Ellis and C. W. Cave. 2,049,003; July 28.
- Cards, Apparatus for V-grooving. N. S. Welk. 2,032,730; Mar. 3.
- Cards for statistical machines, Control. R. L. A. Valtat. 2,041,881; May 26.
- Cards, Fortune-telling. F. Salinger. 2,034,991; Mar. 24.
- Cargo container. M. Olds. 2,053,969; Sept. 8.
- Cargo-merchandise bracing means. N. T. Anderson. 2,056,704; Oct. 6.
- Carline assembly. C. D. Bonsall. 2,037,115; Apr. 14.
- Carline construction. C. D. Bonsall. 2,034,376; Mar. 17.
- Carotene, Extracting. H. M. Barnett, W. O. Frohring and A. F. O. Germann. 2,032,165; Feb. 25.
- Carotene from soaps, Recovering. R. J. Cross. 2,032,006; Feb. 25.
- Carpenter's tool. B. M. Bensen. 2,056,948; Oct. 13.
- Carpet and manufacturing same, Knotted. F. Breitschädel. 2,037,616; Apr. 14.
- Carpet and rug cleaning device. T. J. McCauley. 2,034,661; Mar. 17.
- Carpet and rug fastener. E. Watson. 2,051,191; Aug. 18.
- Carpet cover and the like. S. R. Goldstein. 2,035,427; Mar. 24.
- Carpet or rug made of sponge material. J. Lang. 2,038,368; Apr. 21.
- Carpet, Submergible. F. U. Baker. 2,057,358; Oct. 13.
- Carpets, garments, and the like, Apparatus for cleaning. H. Hammarling. 2,050,569; Aug. 11.
- Carrel unit. A. S. Macdonald. 2,034,261; Mar. 17.
- Carriage, Baby. A. G. Feldman. 2,038,169; Apr. 21.
- Carriage, Baby. L. Larsen. 2,037,986-8; Apr. 21.
- Carriage, Baby. H. Serisky. 2,030,407; Feb. 11.
- Carriage, Collapsible. J. Schmoller. 2,052,803; Sept. 1.
- Carriage driving and hammer returning mechanism. F. Spaloss. 2,030,411; Feb. 11.
- Carriage-feeding device for typewriters. H. Schüller. 2,049,826; Aug. 4.
- Carriage footwell. N. J. and S. Kroll. 2,058,997; Oct. 27.
- Carriage frame, Rigid motor. G. Brouhiet. 2,033,813; Mar. 10.
- Carriage, Gun. G. M. Barnes. 2,049,420; Aug. 4.
- Carrier: See—
- Adjustably extensible carrier. Picker's sack carrier.
- Article carrier. Pneumatic dispatch carrier.
- Ball-club carrier. Rod line carrier.
- Bottle carrier. Shock carrier.
- Braider carrier. Tape carrier.
- Braiding carrier. Tire carrier.
- Braiding machine carrier. Tire or wheel carrier.
- Carboy carrier. Tool carrier.
- Egg case carrier. Traveling barrier carrier.
- House carrier. Trunk and luggage carrier.
- Garment carrier. Umbrella carrier.
- Invalid carrier. Wheel or tire carrier.
- Carrier. J. F. Martin. 2,051,265; Aug. 18.
- Carrier and seat, Combined luggage. R. S. Shahu. 2,039,939; May 5.
- Carrier for automobiles, Dustproof luggage. J. T. Zurchier. 2,060,362; Nov. 10.
- Carrier for braiding machines. W. E. Cook. 2,033,924-5; Mar. 17.
- Carrier for continuous kilns, Ware. F. M. Hartford. 2,041,176; May 19.
- Carrier for kites, Parachute. E. W. Cutshall. 2,041,233; May 19.
- Carrier for magnetic recording. H. Oexmann. 2,041,480; May 19.
- Carrier for mail and the like, Distributing. T. W. Savage. 2,043,560; June 9.
- Carrier for marker plates, Illuminating. J. J. Galla. 2,033,236; Mar. 10.
- Carrier for records and making same. C. J. Dippel. 2,035,463; Mar. 31.
- Carrier handle. A. Anderson. 2,038,701; Apr. 28.
- Carrier mechanism. A. S. Tuttle. 2,045,889; June 30.
- Carrier mounting and operating means. J. Huddleston. 2,040,610; May 12.
- Carrier repeater system. H. S. Black. 2,034,857; Mar. 24.
- Carrier rod operating mechanism. W. Hug. 2,054,700; Sept. 15.
- Carrier rod operating mechanism. W. Hug. 2,065,922; Dec. 29.
- Carrier scraper. R. Peterson. 2,050,856; Aug. 11.
- Carrier telegraph receiver. L. E. Melhuish. 2,043,355; June 9.
- Carrier tube. G. H. Tobelman. 2,031,988; Feb. 25.
- Carrier wave system. C. L. Wels, Jr. 2,038,202; Apr. 21.
- Carrier wave system, Two-way. H. Whittle. 2,058,198; Oct. 20.
- Carrier wave transmission system. H. S. Black. 2,034,856; Mar. 24.
- Carrier wave transmitter, Modulated. F. C. Lunnon and E. H. Trump. 2,051,493; Aug. 18.
- Carrier web for the formation of thin transparent films. E. M. Kratz and E. Gebauer-Fuelnegg. 2,028,936; Jan. 28.
- Carrier with illuminating means, Milk. R. R. Tyrell. 2,053,385; Sept. 8.
- Carrying and display case. L. A. Haughwout. 2,043,617; June 9.
- Carrying case. D. F. Cobb. 2,042,387; May 26.
- Carrying case. F. Freimann. 2,056,784; Oct. 6.
- Carrying structure for golf bags and the like. C. Hotze. 2,034,394; Mar. 17.
- Cart. D. A. Gurney and T. A. Conlon. 2,028,154; Jan. 21.
- Cart. J. H. Mosel. 2,061,327; Nov. 17.
- Cart, Golf bag. J. E. Ross. 2,040,339; May 12.
- Cart, Laundry. A. Waldmann. 2,037,291; Apr. 14.
- Cart, Refuse-collecting. J. Ochsner. 2,037,999; Apr. 21.
- Cart, Trailer tool. H. Haupt. 2,038,932; Apr. 28.
- Carton. E. C. Berg. 2,057,180; Oct. 13.
- Carton. J. W. Cox. 2,037,502; Apr. 14.
- Carton. B. J. Davidson. 2,038,893; Apr. 28.
- Carton. B. J. Davidson. 2,062,164; Nov. 24.
- Carton. T. L. Ford. 2,054,596; Sept. 15.
- Carton. H. L. Greve. 2,034,675; Mar. 17.
- Carton. H. L. Greve. 2,044,979-80; June 23.
- Carton. A. S. Heineman. 2,039,315; May 5.
- Carton. H. A. Inman. 2,041,609; May 19.
- Carton. H. A. Inman. 2,064,065; Dec. 15.
- Carton. T. A. Kundts. 2,031,963; Feb. 25.
- Carton. T. A. Kundts. 2,034,679; Mar. 17.
- Carton. L. W. Lindblow. 2,051,561; Aug. 18.
- Carton. A. J. Murray. 2,064,029; Dec. 15.
- Carton. E. F. Ness. 2,027,488; Jan. 14.
- Carton. C. J. Norris and V. Porth. 2,034,594; Mar. 17.
- Carton. A. Read. 2,028,687; Jan. 21.
- Carton. P. R. Smythe. 2,057,852; Oct. 20.
- Carton and blank for forming the same. H. Kondolf. 2,031,111; Feb. 18.
- Carton and blank for forming the same. H. Kondolf. 2,054,633; Sept. 15.
- Carton and method. A. C. Daller. 2,048,729; July 28.
- Carton blank. J. E. Robinson. 2,043,419; June 9.
- Carton, Carrying. W. F. Forster. 2,062,451; Dec. 1.
- Carton closure, Knock-down interlocking. A. J. Weiss. 2,053,857; Sept. 8.
- Carton, Collapsible. D. E. Wright. 2,061,496; Nov. 17.
- Carton, Dispensing. M. W. Denebeim. 2,031,033; Feb. 18.
- Carton, Dispensing. F. W. Foerstner and R. Forrer. 2,053,217; Sept. 1.
- Carton, Dispensing. J. H. Moore. 2,039,437; May 5.
- Carton, Display. P. J. Bernard. 2,042,980; June 2.



- Carton, Display. M. E. Holy. 2,038,219; Apr. 21.  
 Carton edge protector and tie retainer device. L. O. Vizcaino. 2,037,609; Apr. 14.  
 Carton, Egg. S. Bergstein. 2,033,222; Mar. 10.  
 Carton, Egg. W. J. De Reamer. 2,061,064; Nov. 17.  
 Carton, Egg. A. Payne, Jr. 2,037,818; Apr. 21.  
 Carton, Egg. D. H. Shapiro. 2,058,638; Oct. 27.  
 Carton feeding mechanism. M. J. Milmo. 2,029,935; Feb. 4.  
 Carton filling machine. C. H. Wild. 2,027,946; Jan. 14.  
 Carton, Folding. H. C. Simon. 2,034,885; Mar. 24.  
 Carton, Folding. P. W. Wagenseller. 2,037,839; Apr. 21.  
 Carton for cans and the like. S. A. Levyne. 2,040,209; May 12.  
 Carton forming and stacking machine. Automatic. F. W. Adsit. 2,035,857; Mar. 31.  
 Carton handle. J. P. Brunt. 2,028,085; Jan. 14.  
 Carton, Knockdown and closing. H. Rossl. 2,044,103; June 16.  
 Carton, One-piece egg. H. Blau. 2,063,720; Dec. 8.  
 Carton or box. G. Pergande. 2,060,240; Nov. 10.  
 Carton, Sealed. H. A. Nutchins. 2,041,932; May 26.  
 Carton sealing device. Turntable. T. H. Krueger. 2,036,583; Apr. 7.  
 Carton sealing machine. C. F. Richard. 2,036,643; Apr. 7.  
 Carton set-up device, Egg. D. Levkoff. 2,032,759; Mar. 3.  
 Carton setting-up device. H. K. Powell. 2,040,154; May 12.  
 Carton setting-up machine, Automatic. M. Burger. 2,057,082; Oct. 13.  
 Carton, Shipping and dispensing. W. Ort. 2,042,799; June 2.  
 Carton, Shipping and display. A. H. Koeble. 2,042,107; May 26.  
 Carton, Shipping and utility. T. Riley. 2,060,763; Nov. 10.  
 Cartons and machine therefor, Taping. F. W. Kucklinsky. 2,052,883; Sept. 1.  
 Cartons and materials therefor, Reenforcing and sealing. W. W. McLaurin. 2,043,110; June 2.  
 Cartons and other packages, Apparatus for filling. C. W. Hartmann. 2,034,617; Mar. 17.  
 Cartons, Apparatus for closing. C. Field. 2,051,035; Aug. 18.  
 Cartons, Mechanism for producing. L. Benoit and E. J. Kanabay. 2,038,406; Apr. 21.  
 Cartons, Method and apparatus for closing and sealing. C. W. Hartmann. 2,051,555; Aug. 18.  
 Cartons, Sealing paper. A. Wesselman. 2,043,135; June 2.  
 Cartoons, Making motion picture. M. Fleischer. 2,054,414; Sept. 15.  
 Cartridge. L. A. Macklanburg. 2,037,989; Apr. 21.  
 Cartridge. R. Temple, Jr. 2,064,503; Dec. 15.  
 Cartridge, Blasting. J. Barab. 2,044,345; June 16.  
 Cartridge, Blasting. F. H. Kneeland. 2,062,912; Dec. 1.  
 Cartridge, Blasting. C. F. Osgood. 2,058,099; Oct. 20.  
 Cartridge, Blasting. G. Weber. 2,043,565; June 9.  
 Cartridge, Blasting explosive. A. G. White. 2,048,831; July 28.  
 Cartridge case cups, Manufacture of. E. Sautier. 2,028,996; Jan. 28.  
 Cartridge feed device. H. Romberg. 2,047,596; July 14.  
 Cartridge for firearms, Barrel cleaning. H. H. C. Symes. 2,047,897; July 14.  
 Cartridge for projectiles. R. D. McLeod, Jr. 2,043,256; June 9.  
 Cartridge for projectiles, Propulsive. E. W. Brandt. 2,052,546; Sept. 1.  
 Cartridge for separately storing components of dental amalgams. J. Zink. 2,052,158; Aug. 25.  
 Cartridge plug. H. F. Vickers. 2,045,004; June 23.  
 Cartridge, Pressure. G. L. Tinkham. 2,061,641; Nov. 24.  
 Cartridge shell. E. Leussler. 2,041,253; May 19.  
 Cartridge tank. F. R. Rueppel. 2,052,491; Aug. 25.  
 Cartridges, Wadding. S. C. Bond. 2,057,362; Oct. 13.  
 Cascade system and operating the same. J. J. Murphy. 2,035,399; Mar. 24.  
 Cascade systems with regeneration, Method and apparatus for operating. J. M. Gaines, Jr. 2,037,714; Apr. 21.  
 Case: See—  
   Beach case. Key case.  
   Bottle case. Lipstick case.  
   Brief case. Luggage case.  
   Carrying and display case. Molded case.  
   Carrying case. Pocket powder case.  
   Certified milk case. Refrigerator display case.  
   Cigarette case. Shipping case.  
   Clock case. Toilet case.  
   Combination vanity case. Toilet or traveling case.  
   Display case. Toothbrush and dentifrice case.  
   Egg case. Spectacle case.  
   Envelope case. Vanity case.  
   Eyeglass case.  
   Food carrying case.  
 Case. G. Rosenberg. 2,055,389; Sept. 22.  
 Case. I. Schwartz. 2,062,237; Nov. 24.  
 Case construction, Vanity. A. F. Reilly. 2,066,226; Dec. 29.  
 Case, dispensing means, and temperature retaining member, Combination. M. C. Schwab. 2,033,401; Mar. 10.  
 Case for ampullae and the like. J. Gilardi. 2,035,803; Mar. 31.  
 Case for electric amplifiers or the like, Carrying. A. C. Ansley. 2,049,039; July 28.  
 Case for grain testing thermometers, Safety. R. L. Loggins. 2,052,479; Aug. 25.  
 Case for musical instruments, Carrying. N. V. Geib. 2,051,993; Aug. 25.  
 Case for rouge sticks. C. Holl. 2,049,378; July 28.  
 Case for safety razors. A. B. S. Wober. 2,047,450; July 14.  
 Case for toilet articles, Illuminated. H. H. Howland. 2,045,013; June 23.  
 Case hardening. E. H. van der Pyl. 2,048,526; July 21.  
 Case loader. J. J. Thayer. 2,050,547; Aug. 11.  
 Case shift mechanism. R. G. Bower. 2,050,037; Aug. 4.  
 Casing: See—  
   File casing. Tire casing.  
   Instrument casing. Transformer casing.  
   Sausage casing. Vending machine casing.  
 Casing. F. Brown. 2,046,809; July 7.  
 Casing. S. Hammer. 2,033,767; Mar. 10.  
 Casing and closing the same, Sausage. H. A. Hensel. 2,042,227; May 26.  
 Casing and manufacturing the same, Steam turbine. H. P. Dahlstrand. 2,041,699; May 26.  
 Casing centering device. W. W. Hartman and R. A. Steps. 2,058,310; Oct. 20.  
 Casing cleaning machine. J. B. Middaugh. 2,037,253; Apr. 14.  
 Casing for loose leaf binders and forming the same. F. S. Schade. 2,051,908; Aug. 25.  
 Casing for use with a dental press, Heater. A. Keil. 2,065,186; Dec. 22.  
 Casing head equipment. L. M. C. Seamark. 2,035,925; Mar. 31.  
 Casing joint. H. Waymeyer. 2,041,037; May 19.  
 Casing projectile. O. Rinkel. 2,045,964; June 30.  
 Casing structures for shock absorbers and the like, Fabricating. G. R. Pennington. 2,040,152; May 12.  
 Casing treatment. C. T. Walter. 2,063,279; Dec. 8.  
 Casings and product, Packaging artificial sausage. B. H. Schenk. 2,028,691; Jan. 21.  
 Casings, Perforating. F. E. O'Neill. 2,034,768; Mar. 24.  
 Casings, Perforating well. W. T. Wells. 2,029,454; Feb. 4.  
 Casings, Process and apparatus for treating sausage. R. L. Atkinson. 2,030,843; Feb. 18.  
 Casein dispersion. D. A. Rankin and F. G. Uhler. 2,030,226; Feb. 11.  
 Casein dispersions. F. G. Uhler. 2,063,134; Dec. 8.  
 Casein, Manufacture of. F. H. Clickner. 2,044,282; June 16.  
 Casein manufacturing process. D. D. Peebles. 2,034,056; Mar. 17.  
 Casein powder adapted to be molded directly, Production of. F. von Koch. 2,051,779; Aug. 18.  
 Casein products, Manufacture of. C. Schwartz. 2,064,387; Dec. 15.  
 Casein solutions. C. Iddings. 2,047,143; July 7.  
 Casement latching device. W. H. Creber. 2,045,837; June 30.  
 Cash machine. W. J. Pasinski. 2,050,065; Aug. 4.  
 Cash machine. W. J. Pasinski. 2,064,562; Dec. 15.  
 Cash protecting counter, till, etc. J. J. Murtaugh, Jr. 2,048,195; July 21.  
 Cash register. A. A. Dicke. 2,048,060; July 21.  
 Cash register. A. A. Dicke. 2,055,522; Sept. 29.  
 Cash register. R. Fellenberg. 2,055,525; Sept. 29.  
 Cash register. F. L. Fuller. 2,041,752; May 26.  
 Cash register. F. L. Fuller. 2,062,570; Dec. 1.  
 Cash register. C. W. Green. 2,045,325; June 23.  
 Cash register. C. W. Green. 2,057,519; Oct. 13.  
 Cash register. C. W. Green. 2,063,091; Dec. 8.  
 Cash register. M. Jacob. 2,029,776; Feb. 4.  
 Cash register. W. H. Robertson. 2,048,200; July 21.  
 Cash register. W. H. Robertson. 2,056,485-6; Oct. 6.  
 Cash register. H. F. Sedgebury. 2,026,849; Jan. 7.  
 Cash register. B. M. Shipley. 2,031,860; Feb. 25.  
 Cash register. B. M. Shipley. 2,048,083; July 21.  
 Cash register and the like. W. Naumann. 2,063,265; Dec. 8.  
 Cash register, Multiple totalizer. K. A. Lehmann and E. Bretling. 2,057,438; Oct. 13.  
 Cask and making the same. C. B. Shepherd. 2,027,403; Jan. 14.  
 Casket. R. J. Beatty. 2,044,872; June 23.  
 Casket. J. E. Corrigan. 2,051,163; Aug. 18.  
 Casket. J. Lawrence. 2,056,404; Oct. 6.  
 Casket and grave vault, Combined burial. J. E. Mitchell. 2,044,439; June 16.  
 Casket, Burial. C. M. Coaltrin. 2,052,382; Aug. 25.  
 Casket, Burial. W. J. Goubin. 2,061,461; Nov. 17.  
 Casket, Burial. J. Jacques. 2,042,849; June 2.  
 Casket handle. W. F. Sheeley. 2,037,277; Apr. 14.  
 Casket handle. A. Y. Stilson. 2,065,764; Dec. 29.  
 Casket, Metal. W. E. Wallace and D. Bell. 2,026,716; Jan. 7.  
 Caskets, Burial. A. M. Tanner. 2,050,675; Aug. 11.  
 Cassette. W. C. Hunt. 2,056,463; Oct. 6.  
 Cassette. M. Kulick. 2,056,279; Oct. 6.  
 Cast refractory and manufacturing the same. R. C. Benner. 2,060,017; Nov. 10.  
 Caster. F. A. Brayley. 2,033,510; Mar. 10.  
 Caster. W. F. Herold. 2,059,348; Nov. 3.  
 Caster. J. Weinmann. 2,051,627; Aug. 18.  
 Caster. W. A. Woiwod. 2,059,162; Oct. 27.



- Caster, Compensating. W. F. Herold. 2,042,525; June 2.  
 Caster control mechanism for movable trucks and the like. J. Bowen. 2,046,105; June 30.  
 Caster, Dirtproof. M. Katcher. 2,046,384; July 7.  
 Caster raising and lowering mechanism. O. J. Williams. 2,042,489; June 2.  
 Caster, Shock absorbing. J. Bowen. 2,040,121; May 12.  
 Caster wheel appliance. E. H. Schultz, Jr. 2,033,207; Mar. 10.  
 Casting apparatus. M. Guyot. 2,058,442; Oct. 27.  
 Casting, Apparatus for. G. M. Kuettel. 2,044,359; June 16.  
 Casting, Centrifugal. C. A. Down. 2,046,505; July 7.  
 Casting, Insulating. H. N. Baumann, Jr., J. P. Swentzel, and I. M. Logan. 2,062,962; Dec. 1.  
 Casting machine. A. D. Lund. 2,028,790; Jan. 28.  
 Casting machine, Centrifugal. L. A. Camerota. 2,043,956; June 9.  
 Casting machine, Centrifugal. C. F. Dailey. 2,036,401; Apr. 7.  
 Casting machine, Centrifugal. J. H. Ledebor. 2,047,588; July 14.  
 Casting machine, Continuous. W. E. Bible. 2,058,762; Oct. 27.  
 Casting machine, Manually driven. W. I. Carpenter. 2,037,617; Apr. 14.  
 Casting machine, Motor driven. W. I. Carpenter. 2,037,618; Apr. 14.  
 Casting means for line casting machines. H. R. Freund. 2,036,267; Apr. 7.  
 Casting, Metal. B. E. Eldred. 2,048,733; July 28.  
 Casting method and apparatus therefor. W. H. Charch and C. E. Coleman. 2,039,883; May 5.  
 Casting, Striking. D. S. Barrows. 2,043,090; June 2.  
 Casting, Surface alloyed. W. J. Priestley. 2,066,054; Dec. 29.  
 Casting trimming. K. F. Dailey. 2,055,171; Sept. 22.  
 Casting wheel. J. H. Doorbar. 2,058,670; Oct. 27.  
 Castings, Apparatus for making. H. E. Rogers. 2,028,624; Jan. 21.  
 Castings, Apparatus for making centrifugal. H. Breibart. 2,034,692; Mar. 24.  
 Castings by the centrifugal casting process, Manufacture of unchilled metallic. W. Ridley and P. H. Wilson. 2,066,229; Dec. 29.  
 Castings containing nitrogen, Producing iron-chromium. F. M. Becket. 2,056,766; Oct. 6.  
 Castings, Making tungsten and carbide. O. F. Marvin. 2,028,911; Jan. 28.  
 Castings, Method of and apparatus for treating metal. R. W. Bedilion. 2,045,576; June 30.  
 Castings, Producing. C. O. Burgess. 2,038,639; Apr. 28.  
 Castings, Treatment of nonferrous alloy. W. C. Devereux and C. S. Oliver. 2,059,984; Nov. 3.  
 Casts, Method of and apparatus for making. C. K. MacDonald. 2,057,039; Oct. 13.  
 Castor oil composition. F. H. MacLaren. 2,034,405; Mar. 17.  
 Castration clamp. N. E. Schoonover. 2,040,536; May 12.  
 Cadioptric unit. R. W. Luce. 2,029,929; Feb. 4.  
 Catalyses, Process and apparatus for vapor phase. A. P. Beardsley. 2,042,922; June 2.  
 Catalysis inhibitors from aqueous solutions, Removing. H. F. Johnstone. 2,027,982; Jan. 14.  
 Catalyst. E. S. Johnson. 2,027,316; Jan. 7.  
 Catalyst. W. W. Myddleton. 2,029,786; Feb. 4.  
 Catalyst. W. B. Plummer. 2,033,737; Mar. 10.  
 Catalyst and catalytic process. J. C. Woodhouse. 2,053,233; Sept. 1.  
 Catalyst and making same, Oxidation. J. F. Eversole. 2,063,302; Dec. 8.  
 Catalyst and preparing same. H. R. Arnold and W. A. Lazier. 2,034,077; Mar. 17.  
 Catalyst and process for the decomposition of hydrocarbons. F. J. DeRwal. 2,030,283; Feb. 11.  
 Catalyst, Auto-oxidation and polymerization. F. Visser't Hooft. 2,032,554; Mar. 3.  
 Catalyst for the reduction of sulphur dioxide, Preparing a. M. C. Boswell. 2,026,819; Jan. 7.  
 Catalyst, Making a. H. Joseph. 2,029,376; Feb. 4.  
 Catalyst, Vanadium. L. E. Jenks. 2,046,166; June 30.  
 Catalysts and preparing and using same. H. R. Arnold and W. A. Lazier. 2,047,945; July 21.  
 Catalysts, Apparatus for manufacturing metal. W. Baensch and W. Klaphake. 2,048,668; July 28.  
 Catalysts, Coated. A. O. Jaeger. 2,035,606; Mar. 31.  
 Catalysts for oxidation reactions and preparing the same. W. S. Calcott and W. A. Douglass. 2,034,896; Mar. 24.  
 Catalysts, Oxidizing. J. C. W. Frazer. 2,031,475; Feb. 18.  
 Catalysts, Preparing contact. H. Adkins. 2,040,233; May 12.  
 Catalysts, Regeneration of. R. L. Brown. 2,027,855; Jan. 14.  
 Catalytic apparatus and process of regenerating contact masses therein. A. Joseph. 2,042,469; June 2.  
 Catalytic composition and preparing. W. A. Lazier. 2,066,153; Dec. 29.  
 Catalytic converter and ammonia synthesis. G. F. Uhde. 2,052,326; Aug. 25.  
 Catalytic fuel generator. E. L. Rathburn. 2,044,544; June 16.  
 Catalytic hydrogenation of aromatic aldehydes. W. J. Amend. 2,046,011; June 30.  
 Catalytic oxidation of ketols. M. de Simó and S. H. McAllister. 2,043,950; June 9.  
 Catalytic oxidation of polyhydric alcohols. S. H. McAllister and M. de Simó. 2,051,266; Aug. 18.  
 Catalytic process. W. E. Kuentzel and T. A. Geissman. 2,040,658; May 12.  
 Catalytic process for hydrogenation of furfuranes. W. A. Lazier. 2,033,292; Mar. 10.  
 Catalytic purification of oxygen-containing hydrogenation products of oxides of carbon. K. Smeykal. 2,059,495; Nov. 3.  
 Catalytic reactions, Carrying out. M. Pier, P. Jacob, and W. Simon. 2,038,599; Apr. 28.  
 Catalytic reactions, Carrying out. M. Pier, P. Jacob, and W. Simon. 2,039,259; Apr. 28.  
 Catalytic synthesis of pterocyclic amines and products produced thereby. H. Adkins and H. I. Cramer. 2,058,547; Oct. 27.  
 Catalyzer, Pertused. E. A. Colby. 2,045,632; June 30.  
 Catamenial receptacle. J. R. Manegold. 2,061,384; Nov. 17.  
 Catch. F. E. Wakefield. 2,035,033; Mar. 24.  
 Catch and connecting ring, Pin. H. C. Van Pelt. 2,054,345; Sept. 15.  
 Catch and lock, Automatic automobile door. W. J. Daningburg. 2,052,528; Aug. 25.  
 Catch for wrist watch bands, bracelets, necklaces, and other jewelry, Safety. E. M. Alkin. 2,044,869; June 23.  
 Catch, Hood. A. Claud-Mantle. 2,040,392; May 12.  
 Catch, Hood. T. T. Logie. 2,026,640; Jan. 7.  
 Catch, Hood. W. R. Wiley. 2,045,320; June 23.  
 Catch, Safety. E. Morehouse. 2,041,367; May 19.  
 Catch, Safety. E. Morehouse. 2,060,333; Nov. 10.  
 Catch, Window. R. S. Llewellyn. 2,030,705; Feb. 11.  
 Catcher. A. G. Delany. 2,040,169; May 12.  
 Catcher for rolling mills, Automatic mechanical. A. G. Delany. 2,062,297; Dec. 1.  
 Catheterizing instrument. F. C. Wappler. 2,038,394; Apr. 21.  
 Cathode. W. W. Eitel and J. McCullough. 2,037,217; Apr. 14.  
 Cathode. S. H. Stupakoff. 2,057,931; Oct. 20.  
 Cathode disintegration. P. Alexander. 2,047,350-1; July 14.  
 Cathode for discharge devices. P. W. Blackburn. 2,029,013; Jan. 28.  
 Cathode for discharge tubes, Indirectly heated. K. M. Van Gessel, G. Holst, and J. L. H. Jonker. 2,057,124; Oct. 13.  
 Cathode for electrolytic cells. A. C. Japhson and E. B. Custer. 2,028,285; Jan. 21.  
 Cathode for heavy duty service, oxide coated. E. F. Lowry. 2,032,179; Feb. 25.  
 Cathode for thermionic valves. A. Haslauer. 2,029,482; Feb. 4.  
 Cathode, Gaseous discharge tube. D. V. Edwards and E. K. Smith. 2,065,997; Dec. 29.  
 Cathode heater and making it, Thermionic. E. R. Wagenhals. 2,043,720; June 9.  
 Cathode heating element for thermionic tubes. A. A. Straub. 2,031,340; Feb. 18.  
 Cathode, Indirectly heated. B. Erber, M. Furcht, and F. Gantner. 2,041,286; May 19.  
 Cathode, Indirectly heated. H. Rothe. 2,059,809; Nov. 3.  
 Cathode, Indirectly heated heavy duty. E. Lübcke. 2,042,183; May 26.  
 Cathode ray device. H. J. McCreary. 2,027,393; Jan. 14.  
 Cathode ray device. R. T. Orth. 2,047,030; July 7.  
 Cathode-ray oscillograph. M. Knoll, L. Schiff, and C. Stoerk. 2,036,532; Apr. 7.  
 Cathode ray oscillograph sweep circuit. L. McC. Leeds. 2,059,004; Oct. 27.  
 Cathode ray television system. D. Prinz. 2,050,628; Aug. 11.  
 Cathode ray tube. L. F. Broadway and W. F. Tedham. 2,058,293; Oct. 20.  
 Cathode ray tube. M. Davis. 2,053,268; Sept. 8.  
 Cathode ray tube. C. P. Marsden. 2,032,760; Mar. 3.  
 Cathode ray tube. K. Schlesinger. 2,053,537; Sept. 8.  
 Cathode ray tube. F. J. G. Van den Bosch. 2,062,538; Dec. 1.  
 Cathode ray tube, Multielement. B. Kwartin. 2,055,174; Sept. 22.  
 Cathode ray tube noise gate system. J. F. Dreyer, Jr. and R. T. Orth. 2,034,565; Mar. 17.  
 Cathode structure for electric discharge devices. L. E. Record. 2,036,605; Apr. 7.  
 Cathodes, Device for heating incandescible. A. Kuntke. 2,045,034; June 23.  
 Catline clamp. R. A. Crawford. 2,066,094; Dec. 29.  
 Cattle controller. H. V. Dyke. 2,037,855; Apr. 21.  
 Cattle dehorner. P. Bernard. 2,063,785; Dec. 8.  
 Cattle leader. W. C. Tyler. 2,052,371; Aug. 25.  
 Caustic hydroxide from waste solutions, Recovery of. H. W. Casey. 2,040,805; May 12.  
 Caustics and dehydrating hydrous salts, Hydrating. A. K. Robby and P. C. Choate. 2,058,980; Oct. 27.  
 Caulterizing instrument. G. Diner. 2,030,285; Feb. 11.  
 Cavitation control means for blade periphery. L. F. Moody. 2,045,918; June 30.  
 Cavities, Filling. L. Farkas and P. Harteck. 2,063,667; Dec. 8.  
 Cavities from sheet metal, Removing. R. F. Johnston. 2,065,461; Dec. 22.



- Cavities in decayed teeth before stopping, Treating. O. Simon. 2,036,728; Apr. 7.
- Ceiling construction. H. W. Reel. 2,044,101; June 16.
- Ceiling construction. F. M. Venzie. 2,064,996; Dec. 22.
- Ceiling construction, Replaceable unit. R. V. Parsons. 2,059,483; Nov. 3.
- Ceiling structure. C. F. Davis. 2,065,796; Dec. 29.
- Cell of the solid electrolyte type. R. Oppenheim. 2,028,518; Jan. 21.
- Cellular construction for airport pontoons. H. N. Atwood. 2,029,215; Jan. 28.
- Cellular material and making same. T. C. Pond. 2,045,099; June 23.
- Cellular products, Manufacture of. W. M. Scott. 2,065,757; Dec. 29.
- Cellular structure and making the same, Built-up. H. N. Atwood. 2,029,049; Jan. 28.
- Cellophane and like products, Treating. J. E. Malivert. 2,058,703; Oct. 27.
- Cellophane and the like, and making the same, Perforated. S. Cooper. 2,027,810; Jan. 14.
- Celluloid articles, Making. C. R. Keeran. 2,044,356; June 16.
- Cellulose acetate compositions. F. C. Hahn. 2,036,271; Apr. 7.
- Cellulose acetate compositions. P. LaF. Magill. 2,047,919; July 14.
- Cellulose acetate, Manufacture of. R. H. McKee and E. H. Morse. 2,036,947; Apr. 7.
- Cellulose acetate material for playing cards, etc. W. Bowker and B. Andersen. 2,052,602; Sept. 1.
- Cellulose acetate products and producing same. R. Müller M. Schenck and W. Wirbatz. 2,045,161; June 23.
- Cellulose acetate, Refining. J. Alifthan. 2,045,628; June 30.
- Cellulose acetate, Refining. G. J. Clarke and H. T. Clarke. 2,036,397; Apr. 7.
- Cellulose acetates, Production of highly acetylated. E. Berl. 2,039,290; May 5.
- Cellulose and derivatives thereof, Treating. J. K. Hunt and G. H. Latham. 2,060,733; Nov. 10.
- Cellulose and other carbohydrates, Manufacture of derivatives of. H. Dreyfus. 2,055,892; Sept. 29.
- Cellulose articles, Producing. A. G. Hewitt. 2,043,172; June 2.
- Cellulose, Bleaching, refining, and cottonizing raw. F. C. and F. Palazzo. 2,055,827; Sept. 29.
- Cellulose, Colored soluble. E. De Stubner. 2,034,861; Mar. 24.
- Cellulose, Colorless organic derivatives of. H. E. Martin. 2,059,380; Nov. 3.
- Cellulose derivative. W. Schrauth. 2,046,852; July 7.
- Cellulose derivative coated fabric. D. McBurney and E. H. Nollau. 2,033,202; Mar. 10.
- Cellulose derivative composition. H. Dreyfus. 2,037,010; Apr. 14.
- Cellulose derivative composition. W. E. Lawson. 2,047,972; July 21.
- Cellulose derivative compositions. A. L. Henne. 2,056,787; Oct. 6.
- Cellulose derivative compositions. H. S. Holt. 2,049,565; Aug. 4.
- Cellulose derivative compositions. E. F. Izard. 2,041,715; May 26.
- Cellulose derivative compositions. E. F. Izard. 2,053,289; Sept. 8.
- Cellulose derivative compositions. E. F. Izard. 2,061,732; Nov. 24.
- Cellulose derivative compositions. P. L. Salzberg. 2,037,740; Apr. 21.
- Cellulose derivative compositions. P. L. Salzberg and F. M. Meigs. 2,047,598; July 14.
- Cellulose derivative compositions. N. D. Scott. 2,040,882; May 19.
- Cellulose derivative material, Treatment or production of. H. Dreyfus. 2,052,557; Sept. 1.
- Cellulose derivative sheets, Treating. J. B. Wells. 2,036,377; Apr. 7.
- Cellulose derivative solutions and making the same. J. Craik. 2,036,257; Apr. 7.
- Cellulose derivative solutions and making the same. A. S. Levesley and J. Craik. 2,046,174; June 30.
- Cellulose derivatives and making same, New. L. Lilienfeld. 2,051,051; Aug. 18.
- Cellulose derivatives and making the same, Ethereal. C. Gränacher. 2,054,746; Sept. 15.
- Cellulose derivatives and products therefrom, Dehydrating. F. A. Bent and W. Engs. 2,043,946; June 9.
- Cellulose derivatives, Manufacture of. P. Berger and A. F. Bidaud. 2,047,189; July 14.
- Cellulose derivatives, Manufacture of. H. Dreyfus. 2,033,126; Mar. 10.
- Cellulose derivatives, Manufacture of. H. Dreyfus. 2,033,820; Mar. 10.
- Cellulose derivatives, Manufacture of. H. Dreyfus. 2,053,768; Sept. 8.
- Cellulose derivatives, Production of. R. E. Fothergill and J. F. Haskins. 2,053,280; Sept. 8.
- Cellulose derivatives, Treating solid. R. Müller, M. Schenck and W. Wirbatz. 2,032,549; Mar. 3.
- Cellulose derivatives, Treatment of. H. Dreyfus. 2,047,195; July 14.
- Cellulose derivatives, Treatment of. R. L. Sibley. 2,049,087; July 28.
- Cellulose digester. F. W. L. Schilde. 2,059,149; Oct. 27.
- Cellulose digesters or the like, Method of and an apparatus for charging. S. Svensson. 2,029,086; Jan. 28.
- Cellulose ester composition. H. A. Auden and H. P. Staudinger. 2,040,971; May 19.
- Cellulose ester compositions. H. Persiel, C. Balle, F. Grom, and R. Semmig. 2,063,620; Dec. 8.
- Cellulose ester compositions and preparing same. M. L. Macht and A. F. Randolph. 2,056,797; Oct. 6.
- Cellulose ester solutions, Pigmenting. H. R. Childs. 2,059,088; Oct. 27.
- Cellulose, Esterification of. J. F. Haskins. 2,032,749; Mar. 3.
- Cellulose, Esterifying. J. F. Haskins. 2,032,748; Mar. 3.
- Cellulose esters and cellulose ethers, Dyeing or coloring. F. Ackermann. 2,028,141; Jan. 21.
- Cellulose esters and cellulose ethers, Dyeing or coloring. F. Ackermann. 2,031,356; Feb. 18.
- Cellulose esters and ethers, Dyeing. A. H. Knight. 2,037,910; Apr. 21.
- Cellulose esters and the products resulting therefrom, Making. H. T. Clarke and C. J. Malm. 2,048,685; July 28.
- Cellulose esters containing higher fatty acid groups, Hydrolysis of. C. J. Malm and C. L. Fletcher. 2,053,527; Sept. 8.
- Cellulose esters, Dyeing. F. Felix and W. Huber. 2,053,819; Sept. 8.
- Cellulose esters, Making. C. J. Malm and C. L. Fletcher. 2,031,611; Feb. 25.
- Cellulose esters of organic acids, Reducing the viscosity of. C. Dreyfus and G. Schneider. 2,028,762; Jan. 28.
- Cellulose esters of organic acids, Treating. C. Dreyfus and G. Schneider. 2,028,761; Jan. 28.
- Cellulose esters, Stabilizing of. C. J. Malm. 2,043,899; June 9.
- Cellulose esters, Treating. M. Zabel. 2,033,219; Mar. 10.
- Cellulose ether compositions and preparing same. M. L. Macht and A. F. Randolph. 2,056,795; Oct. 6.
- Cellulose ether solutions, Clarification of. G. A. Richter, H. P. Vannah, and R. H. Rasch. 2,038,678; Apr. 28.
- Cellulose ether solutions, Hydroxy. G. A. Richter. 2,054,299; Sept. 15.
- Cellulose fiber, Chemical purification and modification of. G. A. Richter. 2,036,606; Apr. 7.
- Cellulose fiber for conversion into cellulose derivatives, Refining. G. A. Richter. 2,041,958; May 26.
- Cellulose, Fibrous esterification of. C. J. Malm and C. L. Fletcher. 2,047,278; July 14.
- Cellulose, Fibrous esterification of. R. H. Van Dyke, C. J. Staud and H. Le B. Grav. 2,029,900; Feb. 4.
- Cellulose filaments, Treatment of. T. McConnell. 2,060,515; Nov. 10.
- Cellulose for conversion into cellulose derivatives, Activation of. G. A. Richter and J. W. McKinney. 2,064,384; Dec. 15.
- Cellulose for use in the arts, Conditioning regenerated. W. M. Stevenson. 2,045,498; June 23.
- Cellulose from lignocellulosic materials, Manufacture of. W. H. Groombridge and E. V. Mellers. 2,060,068; Nov. 10.
- Cellulose from ligno-cellulosic products, Manufacture of. H. Dreyfus. 2,042,705; June 2.
- Cellulose from plant stalks and utilization of such fibrous cellulose, Producing fibrous. G. A. Lowry and J. A. Grant. 2,064,929; Dec. 22.
- Cellulose, Manufacture of. H. Dreyfus. 2,054,854; Sept. 22.
- Cellulose material, Colored. H. Dosne. 2,041,907; May 26.
- Cellulose material, Colored. H. Dosne. 2,042,393; May 26.
- Cellulose material, Mercerizing. L. Orthner and W. Siefken. 2,050,582; Aug. 11.
- Cellulose organic ester composition containing an alkyl substituted phenylethyl alcohol. H. B. Smith. 2,039,744; May 5.
- Cellulose organic ester composition containing fencenyl alcohol. S. J. Carroll and H. B. Smith. 2,051,198; Aug. 18.
- Cellulose organic ester composition containing the ethyl ether of ethylene glycol mono-iso-caproate. J. D. Coleman, Jr., and H. B. Smith. 2,053,515; Sept. 8.
- Cellulose organic ester compositions containing a propionyl ester of glycerol. D. C. Hull. 2,029,925; Feb. 4.
- Cellulose organic ester compositions containing triethylene glycol di-alpha-hydroxy isobutyrate. H. B. Smith. 2,053,539; Sept. 8.
- Cellulose, Process and composition for coloring organic derivatives of. S. T. McQueen and A. Stewart. 2,049,657; Aug. 4.
- Cellulose product, Producing a. J. Campbell and R. G. Quinn. 2,026,865; Jan. 7.
- Cellulose, Production of. H. Dreyfus. 2,061,616; Nov. 24.
- Cellulose, Production of pulverulent. G. A. Richter. 2,054,301; Sept. 15.
- Cellulose products from wood, straw, grass, and the like, Manufacture of. H. Dreyfus. 2,041,745; May 26.
- Cellulose products, Manufacture of. H. Dreyfus. 2,045,345; June 23.
- Cellulose pulp for esterification purposes and processing of same. G. A. Richter. 2,028,846; Jan. 28.
- Cellulose, Regulating the pretreating and esterifying of. C. J. Malm and C. F. Nadeau. 2,063,324; Dec. 8.



- Cellulose steeping press, Hydraulic. H. F. MacMillin. 2,053,570; Sept. 8.
- Cellulose structure. W. H. Charch and W. F. Underwood. 2,042,588; June 2.
- Cellulose sulphate, Preparation of low substituted. L. Rubenstein. 2,042,484; June 2.
- Cellulose to render it suitable for esterification, Treatment of. C. J. Malm and C. I. Fletcher. 2,051,220; Aug. 18.
- Cellulose treatment. W. D. Nicoll. 2,033,782; Mar. 10.
- Cellulose, Treatment of benzyl. D. Traill. 2,059,619; Nov. 8.
- Cellulose, Treatment of substitution derivatives of. H. E. Martin. 2,059,381; Nov. 3.
- Cellulose tube. O. W. Dieffenbach. 2,035,304; Mar. 24.
- Cellulose xanthate, Dissolving. T. Evans. 2,057,019; Oct. 13.
- Cellulose xanthate, Preservation of. G. A. Richter. 2,054,300; Sept. 15.
- Cellulosic articles and preparing the same. H. Hibbert. 2,028,776; Jan. 28.
- Cellulosic composition. H. Dreyfus. 2,062,403; Dec. 1.
- Cellulosic composition. R. Müller, F. Müller, and H. Messer. 2,035,183; Mar. 24.
- Cellulosic material. F. H. Smyser. 2,056,810; Oct. 6.
- Cellulosic material and products obtainable thereby, Production of resin impregnated. P. Pinten. 2,054,444; Sept. 15.
- Cellulosic materials and preparing same. R. Picard and R. Fays. 2,064,355; Dec. 15.
- Cellulosic materials and producing same. R. Picard and R. Fays. 2,064,356; Dec. 15.
- Cellulosic materials, Esterification of. J. F. Haskins and W. F. Underwood. 2,029,481; Feb. 4.
- Cellulosic materials from waste cellulose products, Production of. W. M. Billing. 2,040,801; May 12.
- Cellulosic spinning solution. H. Siebourg. 2,063,001; Dec. 1.
- Cellulosic spinning solutions containing aliphatic silicon compounds. R. S. Bley. 2,030,738; Feb. 11.
- Cellulosic spinning solutions containing aromatic silicon derivatives. R. S. Bley. 2,030,737; Feb. 11.
- Cellulosic substances and manufacture thereof from hemp fibers. E. C. Worden, 1. 2,056,995; Oct. 13.
- Cellulosive derivative compositions. J. K. Hunt and G. H. Latham. 2,046,165; June 30.
- Cement. A. Hermann. 2,030,002; Feb. 4.
- Cement. D. S. Hubbell. 2,058,985; Oct. 27.
- Cement. L. McCulloch. 2,032,142; Feb. 25.
- Cement and making same, Hydraulic. H. M. Olson. 2,061,774; Nov. 24.
- Cement and making the same, Cellular. J. A. Rice. 2,053,842; Sept. 8.
- Cement and mortar, Under water. H. J. Billings. 2,038,160; Apr. 21.
- Cement, Arsenate-aluminate. J. B. Stålhane. 2,044,337; June 16.
- Cement, Basing. R. M. Heintz. 2,034,434; Mar. 17.
- Cement block. P. S. Rendoff. 2,029,586; Feb. 4.
- Cement brick making machine. L. Polak. 2,054,001; Sept. 8.
- Cement clinkers, Apparatus for manufacturing and treating. H. S. Lee. 2,031,049; Feb. 18.
- Cement clinkers, Apparatus for manufacturing, treating, and cooling. H. S. Lee. 2,031,047; Feb. 18.
- Cement composition. G. Witty. 2,043,641; June 9.
- Cement compositions, Making hydraulic. M. Ernotte. 2,033,233; Mar. 10.
- Cement, Concrete and hydraulic. G. R. Tucker, H. L. Kennedy, and M. Renner. 2,031,621; Feb. 25.
- Cement for metallic and ceramic constructional parts. A. Möhrle. 2,065,389; Dec. 22.
- Cement, grout, or concrete placer. M. R. Kirby. 2,033,338; Mar. 10.
- Cement handling plant. H. E. McCrery. 2,048,877; July 28.
- Cement, High silica. F. A. B. Finkeldey. 2,028,386; Jan. 21.
- Cement, High temperature refractory. G. E. Sell. 2,042,363; May 26.
- Cement, Hydraulic. E. W. Reed-Lewis. 2,061,972; Nov. 24.
- Cement improver and method. C. R. Rex. 2,048,967; July 28.
- Cement, Making a hard surfaced. A. L. Smyly. 2,028,956; Jan. 28.
- Cement, Manufacture of. C. H. Breerwood. 2,028,313; Jan. 21.
- Cement, Manufacture of. P. Coiffu. 2,061,140; Nov. 17.
- Cement, Manufacture of. J. S. Fasting. 2,049,734; Aug. 4.
- Cement, Manufacture of Portland. H. R. Durbin. 2,042,833; June 2.
- Cement, Manufacture of slag. G. Witty. 2,049,881; Aug. 4.
- Cement, Manufacturing Portland. L. A. Dahl and W. C. Hanna. 2,032,347; Mar. 3.
- Cement mixing apparatus. J. E. Pipes. 2,054,042; Sept. 8.
- Cement mixing apparatus. J. E. Pipes. 2,054,043; Sept. 8.
- Cement mortar. H. F. Kichline. 2,057,382; Oct. 13.
- Cement or cement mixture, Arsenate. J. B. Stålhane. 2,028,420; Jan. 21.
- Cement, Porous refractory insulating. O. L. Jones. 2,063,102; Dec. 8.
- Cement, Production of. J. Norvig. 2,041,142; May 19.
- Cement raw materials and the like, Treatment of. K. Middelboe. 2,036,951; Apr. 7.
- Cement raw materials, Apparatus for the treatment of. K. Middelboe. 2,036,952; Apr. 7.
- Cement raw mixtures, Preparing Portland. L. A. Dahl and W. C. Hanna. 2,032,346; Mar. 3.
- Cement, Rubber. R. J. and E. C. King. 2,042,063; May 26.
- Cementation. H. K. Ihrig. 2,046,629; July 7.
- Cementitious material. D. S. Hubbell. 2,058,984; Oct. 27.
- Cementitious material. D. S. Hubbell. 2,058,986-7; Oct. 27.
- Cementing machine. I. L. Keith. 2,046,327; July 7.
- Cementing machine. I. L. Keith. 2,054,822; Sept. 22.
- Cementing machine. L. E. Whelpley. 2,060,152; Nov. 10.
- Cementing machine. E. A. Willey and E. F. Casey. 2,061,053; Nov. 17.
- Centerhead, Automatic. E. H. Eady. 2,050,090; Aug. 4.
- Centrifugal apparatus for cleaning and conditioning air. H. McCornack. 2,047,424; July 14.
- Centrifugal clothes drier. W. A. Papworth. 2,031,427; Feb. 18.
- Centrifugal clutch. A. Y. Dodge. 2,048,435; July 21.
- Centrifugal clutch. A. J. Gillies. 2,027,970; Jan. 14.
- Centrifugal clutch. D. Gregg. 2,038,038; Apr. 21.
- Centrifugal clutch. E. E. Wemp. 2,044,487; June 16.
- Centrifugal clutch, Vibration absorbing. D. Gregg. 2,058,440; Oct. 27.
- Centrifugal discharger. E. Roberts. 2,064,766; Dec. 15.
- Centrifugal drier. A. C. Schmelzer. 2,052,667-9; Sept. 1.
- Centrifugal drier. C. M. Wilderman. 2,057,755; Oct. 20.
- Centrifugal driving mechanism. A. F. Howe. 2,043,661-3; June 9.
- Centrifugal extractor. H. G. Schwarz. 2,054,342; Sept. 15.
- Centrifugal fire pump, Parallel series. C. H. Fox. 2,037,775; Apr. 21.
- Centrifugal laundry extractor. E. J. Te Pas. 2,060,454; Nov. 10.
- Centrifugal machine. E. A. Forsberg. 2,043,350; June 9.
- Centrifugal machine. T. H. Miller. 2,034,525; Mar. 17.
- Centrifugal machine. D. Perrier. 2,040,213; May 12.
- Centrifugal machine. F. I. Williams. 2,040,351; May 12.
- Centrifugal pump. R. H. Frederick. 2,051,080; Aug. 18.
- Centrifugal pump. O. Jacobsen. 2,028,783; Jan. 28.
- Centrifugal pump. C. H. Veeder. 2,039,131; Apr. 28.
- Centrifugal pump. H. E. Weightman and N. Roach. 2,046,226; June 30.
- Centrifugal pump. E. J. Wendell. 2,045,505; June 23.
- Centrifugal pump, Self-priming. O. Haentjens. 2,057,570; Oct. 13.
- Centrifugal pump structure. A. C. Saxe. 2,057,634; Oct. 13.
- Centrifugal separating machine. J. S. Pecker. 2,056,885; Oct. 6.
- Centrifugal separating machine. J. S. Pecker. 2,056,887-91; Oct. 6.
- Centrifugal separating machine. J. S. Pecker. 2,058,497; Oct. 27.
- Centrifugal separating machine and method of treating sewage and other sludges. J. S. Pecker. 2,056,886; Oct. 6.
- Centrifugal separation, Multistage. C. G. Hawley. 2,059,521; Nov. 3.
- Centrifugal separator. J. F. Tholl. 2,063,472; Dec. 8.
- Centrifugal switch. F. Diehl. 2,048,494; July 21.
- Centrifugal switch. C. B. Fantone and R. M. Jameson. 2,044,160; June 16.
- Centrifuge. W. C. Laughlin. 2,054,058; Sept. 8.
- Centrifuge. H. O. Lindgren. 2,065,229; Dec. 22.
- Centrifuge. C. W. Stratford and A. E. Drissner. 2,060,835; Nov. 17.
- Centrifuge construction. A. Peltzer. 2,060,239; Nov. 10.
- Centrifuge, Horizontal. P. van Riel. 2,043,131; June 2.
- Centrifuge, Spinning. R. Kalkbrenner and H. Toebl. 2,042,433; May 26.
- Centrifuging apparatus. W. F. Wells. 2,043,313; June 9.
- Ceramic body, Producing a. R. C. Benner and H. N. Baumann, Jr. 2,036,190; Apr. 7.
- Ceramic catalyst and making same. B. S. Radcliffe. 2,061,848; Nov. 24.
- Ceramic kilning and making building units. H. G. Thomson. 2,052,324; Aug. 25.
- Ceramic object and making the same. J. L. Gallup. 2,030,200; Feb. 11.
- Ceramic objects, Making. O. Bartsch. 2,043,222; June 9.
- Ceramic products, Apparatus for forming. D. H. Rowland. 2,044,332; June 16.
- Ceramic products, Making. C. F. Ramseyer. 2,055,706; Sept. 29.
- Ceramic ware and making, Glazed. G. R. Pole. 2,063,953; Dec. 15.
- Cereal products, Manufacture of. C. Hoffman. 2,041,129; May 19.
- Cereals and podded grains, Device for hulling and polishing. L. Kaspar, Sr., and N. Kistner. 2,044,531; June 16.
- Cereals, Apparatus for puffing. J. L. Ferguson. 2,026,734; Jan. 7.
- Ceresin, Preparing. P. J. Wiezevich. 2,028,307; Jan. 21.
- Certificate holder. A. O. Cobbs. 2,027,517; Jan. 14.



- Certified milk case. E. M. Pennock and L. Hale. 2,046,033; June 30.
- Chain: See—
- |                           |                           |
|---------------------------|---------------------------|
| Antiskid chain.           | Power transmission chain. |
| Automobile tire chain.    | Power transmitting chain. |
| Conveyer chain.           | Safety chain.             |
| Cutter chain.             | Self-lubricating chain.   |
| Emergency tire chain.     | Tire chain.               |
| Four-point contact chain. | Vehicle chain.            |
| Pickling chain.           | Vehicle tread chain.      |
- Chain. R. R. Alling. 2,065,931; Dec. 29.
- Chain. W. J. Belcher. 2,030,829; Feb. 11.
- Chain. V. A. Kjør. 2,049,841; Aug. 4.
- Chain and lock combination. S. Engel. 2,062,020; Nov. 24.
- Chain and wall switch. Pull. H. Hallett. 2,054,502; Sept. 15.
- Chain, Antiskid. H. W. Samuelson. 2,049,825; Aug. 4.
- Chain applier for vehicles, Tire. L. A. Crabtree. 2,033,115; Mar. 10.
- Chain connector. A. F. Roth. 2,046,488; July 7.
- Chain construction. F. E. Cunningham and D. Fergusson. 2,061,223; Nov. 17.
- Chain for mining machines, Cutter. M. S. Moore. 2,054,386; Sept. 15.
- Chain gear. J. Dunlop. 2,044,158; June 16.
- Chain joint and making same, Driving. R. Taylor and J. K. Byrom. 2,033,361; Mar. 10.
- Chain links, Mechanism for welding. J. H. Powell and G. C. Staats. 2,046,131; June 30.
- Chain machine. W. F. Biedermann. 2,065,788; Dec. 29.
- Chain saw unit. G. Arsneau. 2,032,609; Mar. 3.
- Chain stitch mechanism, Vibrating needle. F. L. Jennings. 2,061,236; Nov. 17.
- Chain tightener. C. P. Kottowski and C. C. Dreyer. 2,051,488; Aug. 18.
- Chain tightener. C. M. Livingston. 2,049,710; Aug. 4.
- Chains, Manufacture and rebuilding of cutter. J. F. Joy. 2,040,852; May 19.
- Chains upon automobile tires, Device useful in adjusting. E. E. Winkley. 2,063,358; Dec. 8.
- Chair: See—
- |                               |                                 |
|-------------------------------|---------------------------------|
| Adjustable chair.             | Nestable chair.                 |
| Beach chair.                  | Operating chair.                |
| Bedside toilet chair.         | Porch rocking chair.            |
| Combination chair.            | Posture chair.                  |
| Convertible chair.            | Reclining chair.                |
| Foldable and reclining chair. | Reinforcement supporting chair. |
| Folding chair.                | Reversible reclining chair.     |
| Ladder chair.                 | Road chair.                     |
| Mechanical chair.             | Rocking chair.                  |
| Multiple purpose chair.       | Tilting and swivel chair.       |
- Chair. A. P. Ball. 2,063,780-1; Dec. 8.
- Chair. B. G. Bruening. 2,028,823; Jan. 28.
- Chair. F. L. Gailey. 2,063,732; Dec. 8.
- Chair. N. G. Horwitt and M. Katcher. 2,030,635; Feb. 11.
- Chair. J. B. Moreland. 2,050,667; Aug. 11.
- Chair. H. P. Nordmark. 2,046,649; July 7.
- Chair. P. F. Parrott. 2,049,659; Aug. 4.
- Chair. L. J. Zerbe. 2,046,715; July 7.
- Chair and baby walker, Convertible high. A. Klazkin. 2,037,634; Apr. 14.
- Chair and high chair, Combination. W. Naturkacz. 2,063,046; Dec. 8.
- Chair and ironing board, Combination. O. C. Nelson. 2,060,000; Nov. 3.
- Chair and lamp, Combination. A. A. Granovsky. 2,031,643; Feb. 25.
- Chair and table, Combined. E. Holme. 2,042,399; May 26.
- Chair and the like. F. W. Crossley-Holland. 2,044,212; June 16.
- Chair and the like, Folding. A. DeConinck. 2,047,178; July 14.
- Chair attachment. T. A. Colbridge. 2,056,957; Oct. 13.
- Chair base. O. Schachtel. 2,044,021; June 16.
- Chair, divan, and bed, Convertible. R. H. Bjorklund. 2,029,092; Jan. 28.
- Chair for airplanes, Passenger. J. H. Kindelberger and A. E. Raymond. 2,036,529; Apr. 7.
- Chair for airplanes, Safety. A. B. Scott. 2,053,538; Sept. 8.
- Chair seat. I. R. Bromagem. 2,063,836; Dec. 8.
- Chair seat. G. D. Wood. 2,061,054; Nov. 17.
- Chair structure. F. W. Braasch. 2,028,128; Jan. 21.
- Chairs and the like, Attachment for hydraulically operated dental. S. H. Richardson. 2,063,122; Dec. 8.
- Chairs, Nestable. L. Dellert. 2,055,340; Sept. 22.
- Chaise longue. H. Perlesz and C. F. Pearce, Jr. 2,031,124; Feb. 18.
- Chamber construction for internal combustion engines, Combustion. F. Luker. 2,041,940; May 26.
- Chamber determination of sound absorption, Portable closed. W. F. Alder. 2,043,984; June 16.
- Chamber or tower filled with filling material. F. A. Weber. 2,055,162; Sept. 22.
- Chamfering machine. G. F. Yager and O. J. Heath. 2,060,159; Nov. 10.
- Chance and dispensing device. D. M. Dickson. 2,035,949; Mar. 31.
- Change in direction of course of travel of toys, Mechanism for automatically causing. C. F. Cookson. 2,057,557; Oct. 13.
- Change of direction indicator for motor vehicles. J. N. Hasse. 2,027,821; Jan. 14.
- Change-over control of moving picture apparatus. J. E. Soons. 2,036,306; Apr. 7.
- Change-over mechanism for valves, especially such of dry gas-meters. M. Helm. 2,049,839; Aug. 4.
- Change-over system for photographic sound and picture apparatus. F. H. Owens. 2,054,268; Sept. 15.
- Change receiver and advertising device. L. Cohn. 2,028,591; Jan. 21.
- Change speed. E. Baumgartner. 2,047,174; July 14.
- Change speed. E. Baumgartner. 2,049,103; July 28.
- Change speed gear. H. Austin. 2,039,288; May 5.
- Change speed gear. A. Maier. 2,032,587; Mar. 3.
- Change speed gear. L. M. Masson. 2,038,799; Apr. 28.
- Change-speed gear. A. Maurer. 2,046,397; July 7.
- Change speed gear. K. Maybach. 2,030,752; Feb. 11.
- Change-speed gear, Continuously variable. A. Back and J. Krautschneider. 2,026,928; Jan. 7.
- Change-speed transmission. R. C. Berry. 2,054,047; Sept. 8.
- Changeable sign. H. B. Grose. 2,056,574; Oct. 6.
- Changeable sign. C. L. G. Jones. 2,059,951; Nov. 3.
- Channel cleaning and lubricating system for lubricated valves, Selective. J. C. Haun. 2,026,891; Jan. 7.
- Channel conductor clamp. H. W. Papst. 2,059,899; Nov. 3.
- Channel relay connecting and interlocking system. C. A. Rackey. 2,036,236; Apr. 7.
- Channel support for bricks. E. Wallace. 2,063,135; Dec. 8.
- Channels, Producing. E. W. Livensparger. 2,054,021; Sept. 8.
- Chaplet. G. H. Angell and H. F. Lorenz. 2,049,886; Aug. 4.
- Chaplet or stud for use in foundry work. F. Seibel. 2,063,198; Dec. 8.
- Character bearing article. E. S. Mix. 2,040,012; May 5.
- Characters, Arrangement for the regular formation of. J. Kaufmann. 2,045,360; June 23.
- Charge forming device. F. E. Aseltine. 2,033,220; Mar. 10.
- Charge forming device. F. E. Aseltine. 2,035,938; Mar. 31.
- Charge forming device. F. E. Aseltine, C. H. Kindl, and W. H. Teeter. 2,038,157; Apr. 21.
- Charge forming device. F. E. Aseltine. 2,047,899; July 14.
- Charge forming device. J. O. Heinze. 2,065,582; Dec. 29.
- Charge forming device. P. Koehly. 2,033,247; Mar. 10.
- Charge forming device. R. Thompson. 2,064,185; Dec. 15.
- Charge forming device for combined light and heavy fuels. A. H. Hoops. 2,034,343; Mar. 17.
- Charge forming device for internal combustion engines. A. H. and P. A. R. Weiertz. 2,044,412; June 16.
- Charge supplying and mixing method and apparatus for internal combustion engines, Pressure controlled. A. Moore. 2,047,743; July 14.
- Charges for internal combustion engines, Supplying, preparing, and distributing of. A. Moore. 2,056,615; Oct. 6.
- Charges, Forming. I. H. Derby and H. R. Horner. 2,029,761; Feb. 4.
- Charging device for tunnel ovens, Automatic. V. Spinette. 2,032,446; Mar. 3.
- Chart assembly. R. D. Wiley. 2,063,715; Dec. 8.
- Chart device, Recording. C. G. Schelly. 2,063,126; Dec. 8.
- Chart, Dial checked. H. F. Baxter. 2,040,119; May 12.
- Chart display apparatus. F. Geiger. 2,026,881; Jan. 7.
- Chart, Oculist's. A. E. Covelle. 2,041,459; May 19.
- Chart, Piano keyboard. R. A. Shannon. 2,028,809; Jan. 28.
- Chart. H. Shokler. 2,048,954; July 28.
- Chart, World time. G. E. Murphy. 2,039,921; May 5.
- Chase. G. H. Higgins. 2,031,602; Feb. 25.
- Chase. G. H. Higgins and W. F. Huck. 2,030,871; Feb. 18.
- Chassis body structure, Composite. R. K. Evans. 2,058,580; Oct. 27.
- Chassis for electron tube amplifiers, Metallic. F. Saar. 2,027,935; Jan. 14.
- Chassis lubrication. J. Bijur. 2,064,877; Dec. 22.
- Chassis structure. H. J. Dillon. 2,047,011; July 7.
- Chassis, Vehicle. E. A. Kilewer. 2,041,936; May 26.
- Check and rack, Key. A. Drummond. 2,058,963; Oct. 27.
- Check device for fire doors. H. Weiss and A. Polson. 2,039,468; May 5.
- Check feed mechanism. R. C. Muzzo and A. Coci. 2,048,402; July 21.
- Check for carbon dioxide cylinders, Recoll. F. B. Allen and S. E. Allen. 2,050,032; Aug. 4.
- Check for piano actions. A. Klein. 2,031,488; Feb. 18.
- Check for window sashes, Safety. C. W. Carvette. 2,038,827; Apr. 28.
- Checkrow transplanting machine. J. Powell. 2,061,210; Nov. 17.
- Check separator. F. G. Nicolaus. 2,053,733; Sept. 8.
- Check signing and endorsing machine. H. A. Swanson. 2,064,391; Dec. 15.
- Check signing and endorsing mechanism. H. A. Swanson. 2,039,566; May 5.
- Check valve. R. A. Light and J. W. Price, Jr. 2,054,772; Sept. 15.
- Check valve. A. N. Munn. 2,048,943; July 28.
- Check valve. M. Seibt. 2,027,455; Jan. 14.



- Check valve. W. E. Wilcox. 2,034,786; Mar. 24.  
 Check writer. E. E. Phinney. 2,042,959; June 2.  
 Check writer. E. E. Phinney. 2,056,292; Oct. 6.  
 Check writing machine. P. Catucci. 2,047,939; July 21.  
 Checker for blast furnace stoves. J. E. MacDonald. 2,034,820; Mar. 24.  
 Checker. Tube. J. H. Miller. 2,036,347; Apr. 7.  
 Cheekpiece for cutting cylinder knives. M. G. Bachmann. 2,038,336; Apr. 21.  
 Cheese and preparing the same, Processed. B. R. Harris. 2,065,183; Dec. 22.  
 Cheese, Treatment of. B. R. Harris. 2,065,182; Dec. 22.  
 Chemical and metallurgical operations in a rotary furnace, Conducting. C. P. Debuch and E. Markworth. 2,062,869; Dec. 1.  
 Chemical and physical properties of blast furnace slags, Influencing the. J. Roll. 2,057,919; Oct. 20.  
 Chemical cleaning process. F. H. Mackenzie. 2,042,347; May 26.  
 Chemical compositions and mixing the same. G. D. Patterson and J. H. Peterson. 2,047,220; July 14.  
 Chemical compounds. W. S. Calcott and R. G. Clarkson. 2,060,851; Nov. 17.  
 Chemical compounds, derivable from urea and ethylene oxide, and useful as textile. H. A. Piggott. 2,059,273; Nov. 3.  
 Chemical heating composition. R. E. Reed. 2,040,407; May 12.  
 Chemical heating composition and method of chemically producing heat. R. E. Reed. 2,040,406; May 12.  
 Chemical manufacture. R. B. MacMullin. 2,037,809; Apr. 21.  
 Chemical manufacture. W. L. Savell. 2,038,874; Apr. 28.  
 Chemical process. R. B. Flint. 2,046,257; June 30.  
 Chemical process and chemical compounds derived therefrom. G. W. Rigby. 2,047,226; July 14.  
 Chemical process for the preparation of white beeswax from crude beeswax. C. S. Bisson and W. B. Dye. 2,037,111; Apr. 14.  
 Chemical product. F. B. Downing and R. G. Clarkson. 2,033,125; Mar. 10.  
 Chemical products and producing same. W. H. Carothers, A. M. Collins and J. E. Kirby. 2,029,410; Feb. 4.  
 Chemical proportioning and mixing apparatus. H. P. Neff. 2,038,667; Apr. 28.  
 Chemical pulping process. G. A. Richter. 2,065,396; Dec. 22.  
 Chemical pump. C. E. Henry and J. W. Sullivan. 2,047,414; July 14.  
 Chemical reactions, Accelerating. E. F. Spellmeyer. 2,047,839; July 14.  
 Chemical reactions, Apparatus for performing. H. Dreyfus. 2,034,715; Mar. 24.  
 Chemical reactions, Carrying out. P. E. Kuhl. 2,028,336; Jan. 21.  
 Chemical reactions, Effecting. C. J. Frankforter and D. B. Mapes. 2,037,712; Apr. 21.  
 Chemical reactions, in particular catalytic reactions, Process and apparatus for carrying out. R. du Chaffaut. 2,032,652; Mar. 3.  
 Chemical reactions, Performing. H. F. Oxley and W. H. Groombridge. 2,064,317; Dec. 15.  
 Chemical reactions, such as roasting, calcining or the like, Performance of. C. P. Debuch. 2,039,062; Apr. 28.  
 Chemical recovery in pulp mills operating with different kinds of liquors, Correlating. G. A. Richter. 2,047,032; July 7.  
 Chemical stabilization of paper and product. O. J. Schierholtz. 2,033,452; Mar. 10.  
 Chemicals from waste pulping liquors, Recovery of. H. R. Murdock. 2,031,974; Feb. 25.  
 Chest. A. H. Czischki and A. B. Benson. 2,036,518; Apr. 7.  
 Chest, box, or container. H. H. Yawman. 2,042,693; June 2.  
 Chest for surgical bandages in strip-form. E. Gelinsky. 2,065,370; Dec. 22.  
 Chest, Tool. J. Bentz. 2,044,661; June 16.  
 Chick box. C. T. Patterson. 2,041,949; May 26.  
 Child's toilet seat. H. E. Rehder and C. H. Calame. 2,028,563; Jan. 21.  
 Chilling. M. H. Tuttle. 2,036,374; Apr. 7.  
 Chilling apparatus. N. H. Hiller. 2,039,796; May 5.  
 Chime for barrels and making it. W. R. Kepler. 2,034,399; Mar. 17.  
 Chin operated alarm device. C. E. Brown. 2,066,092; Dec. 29.  
 Chin support. W. J. Bethurum. 2,028,820; Jan. 28.  
 Chinch bug destroying machine. F. G. Marshall. 2,043,761; June 9.  
 Chipper, Ice cube. L. I. Yeomans. 2,061,265; Nov. 17.  
 Chisel. H. E. Pollard. 2,028,993; Jan. 28.  
 Chitin and producing the same, Substantially undegraded deacetylated. G. W. Rigby. 2,040,879; May 19.  
 Chlorhydrins and their ethers, Manufacture of. H. Dreyfus. 2,063,891; Dec. 15.  
 Chlorhydrins from hydrochloric acid solutions, Separation of. P. Ferrero and C. Vandendries. 2,056,448; Oct. 6.  
 Chloride, Making vinyl. S. L. Brous. 2,041,814; May 26.  
 Chloride, Manufacture of stannic. W. J. Butfield. 2,047,545; July 14.  
 Chlorides, Preparation of metallic. O. V. Martin. 2,034,682; Mar. 17.  
 Chlorides, Preparation of thiazthionium. W. P. Munro and H. Z. Lecher. 2,064,315; Dec. 15.  
 Chlorination, Substitution. W. D. Ramage. 2,046,411; July 7.  
 Chlorine compound, Dry soluble. A. H. Johnson and H. A. Trebler. 2,032,173; Feb. 25.  
 Chlorine derivatives of dibenzyl and preparing them. F. M. Clark and W. M. Kutz. 2,033,612; Mar. 10.  
 Chlorine dioxide, Production of. G. L. Cunningham and B. J. Losch. 2,043,284; June 9.  
 Chlorine dioxide, Production of. G. P. Vincent. 2,036,375; Apr. 7.  
 Chlorine dioxide, Production of. J. F. White. 2,036,311; Apr. 7.  
 Chlorine dioxide, Utilization of. J. O. Logan. 2,046,830; July 7.  
 Chloro-benzoylamino-anthraquinones. A. J. Wuertz and M. S. Whelen. 2,032,519; Mar. 3.  
 Chlorobutadiene. G. A. Perkins. 2,027,550; Jan. 14.  
 Chloro substituted dibenzoylamino anthrimide compounds. A. J. Wuertz and M. S. Whelen. 2,032,520; Mar. 3.  
 Choke, Automatic. G. R. Sisson. 2,040,505; May 12.  
 Choke control, Automatic. E. E. Moore. 2,037,917; Apr. 21.  
 Choke, Releasable. M. Christensen. 2,052,696; Sept. 1.  
 Choke release, Automatic. H. H. Bourn. 2,052,601; Sept. 1.  
 Choke valve. E. O. Wirth and F. Barfod. 2,065,167; Dec. 22.  
 Chopper, Cotton. J. W. Phillips. 2,048,196; July 21.  
 Chopper, Food. J. R. Bradley. 2,053,178; Sept. 1.  
 Chopping machine. V. Borsakovsky. 2,034,604; Mar. 17.  
 Christmas tree stand. A. Fritz. 2,058,677; Oct. 27.  
 Chromate-ion reaction. W. J. Harshaw. 2,044,244; June 16.  
 Chrome nickel steel alloy product and making the same. P. Schafmeister and E. A. Spenlé. 2,027,554; Jan. 14.  
 Chromite material and making the same. G. E. Seil. 2,028,017; Jan. 14.  
 Chromite refractory materials. G. E. Seil. 2,028,018; Jan. 14.  
 Chromite refractories, Making. G. E. Seil. 2,037,600; Apr. 14.  
 Chromite refractories, Making. G. E. Seil. 2,060,697; Nov. 10.  
 Chromium and the separation thereof from the cathode surface, Making thick deposits of electrolytic. J. W. Boss. 2,055,963; Sept. 29.  
 Chromium complex compounds. R. Stüsser. 2,054,490; Sept. 15.  
 Chromium compounds of ortho-hydroxyazo dyestuffs and their production, Complex. H. Krzikalla and W. Keubne. 2,033,341; Mar. 10.  
 Chromium, Electrolytic deposition of. F. A. Rojas. 2,040,881; May 19.  
 Chromium plating. R. Schneidewind. 2,063,197; Dec. 8.  
 Chromium plating solutions, Control of. H. S. Lukens. 2,042,611; June 2.  
 Chromoscope. R. W. Earle. 2,029,863; Feb. 4.  
 Chronograph. H. A. Morriss. 2,054,333; Sept. 15.  
 Chronoscope. R. W. Brown. 2,058,211; Oct. 20.  
 Chrysene, Production of. C. Wulff and M. Treppenhauer. 2,056,915; Oct. 6.  
 Chrysenemonosulphonic acid. A. Schmelzer. 2,032,505; Mar. 3.  
 Chuck. T. B. Buell. 2,050,828; Aug. 11.  
 Chuck. A. I. Dunn. 2,040,601; May 12.  
 Chuck. W. F. Groene and G. W. Luning. 2,030,142; Feb. 11.  
 Chuck. W. F. Groene and W. R. Meyer. 2,030,020; Feb. 4.  
 Chuck. J. M. Redinger. 2,038,602; Apr. 28.  
 Chuck. W. H. Schneider. 2,063,344; Dec. 8.  
 Chuck. N. B. Stone. 2,039,855; May 5.  
 Chuck. H. E. Tautz. 2,055,916; Sept. 29.  
 Chuck. F. Walther. 2,040,225; May 12.  
 Chuck. H. A. W. Wood. 2,037,296; Apr. 14.  
 Chuck assembly. A. Hofmann. 2,055,198; Sept. 22.  
 Chuck, Collapsible. E. G. Templeton. 2,043,937; June 9.  
 Chuck construction. H. H. Knott. 2,061,321; Nov. 17.  
 Chuck for airplane wheels. C. H. Jolly. 2,065,528; Dec. 29.  
 Chuck for paper drills. H. S. Hill and A. C. Peterson. 2,060,313; Nov. 10.  
 Chuck, Magnetic capping. H. D. Smith. 2,030,188; Feb. 11.  
 Chuck mechanism. H. E. Kopsch. 2,040,517; May 12.  
 Chuck mechanism for automatic machine tools. H. W. Ruppel. 2,042,555; June 2.  
 Chuck mechanism for rock drills. G. W. Hulshizer. 2,053,988; Oct. 27.  
 Chuck operator, Mechanical. E. P. Bullard. 2,042,502; June 2.  
 Chuck or coupling. E. R. Harrall and J. P. Reis. 2,066,276; Dec. 29.  
 Chuck, Roll paper. W. C. George. 2,058,224; Oct. 20.  
 Chuck shifting mechanism and slat feeding mechanism for lidding machines. H. Paxton. 2,037,817; Apr. 21.  
 Chuck with conical head, Split. A. Bechler. 2,046,052; June 30.  
 Chuck, Work. W. S. Klay and D. Gurney. 2,026,639; Jan. 7.  
 Chucking machine, Automatic. A. J. Lewis. 2,031,051; Feb. 18.  
 Churn. C. H. Hapgood. 2,052,398; Aug. 25.  
 Churn. N. J. Hedlund. 2,030,641; Feb. 11.  
 Churn. A. H. Mills. 2,035,333; Mar. 24.  
 Churn. V. C. Russell. 2,039,934; May 5.



- Churn and butter worker, Combination. F. G. Clark. 2,066,067; Dec. 29.
- Churn dasher mechanism. D. H. Renegar. 2,045,334; June 23.
- Chute, Animal. C. Grabe. 2,050,527; Aug. 11.
- Chute assembly. G. F. Yager. 2,040,232; May 12.
- Chute, Cabin. E. L. Hoffman. 2,050,324; Aug. 11.
- Chute, Coin. C. B. Gorton. 2,035,230; Mar. 24.
- Chute, Coin. C. B. Gorton. 2,044,843; June 23.
- Chute, Coin. A. M. Mahany. 2,035,559; Mar. 31.
- Chute, Coin. W. C. Shinn. 2,044,107; June 16.
- Chute, Coin. W. A. Tratsch and B. Grunig. 2,026,921; Jan. 7.
- Chute, Coin. W. A. Tratsch and B. C. Grunig. 2,049,597; Aug. 4.
- Chute, Coin. K. F. Wilkinson and J. L. Vaughn. 2,038,330; Apr. 21.
- Chute, Combination clothes and dust. H. F. Koran. 2,038,659; Apr. 28.
- Chute for bills, Wall. T. E. Cartwright. 2,062,639; Dec. 1.
- Chute, Mail. G. A. Bridgman. 2,042,500; June 2.
- Cigar and cigarette extinguisher. E. Arians. 2,051,067; Aug. 18.
- Cigar box. C. S. Kauffman. 2,056,860; Oct. 6.
- Cigar box. W. M. Woolfson. 2,047,090; July 7.
- Cigar box lid holder. O. Carlson. 2,052,966; Sept. 1.
- Cigar holder and tobacco leaf spreader. T. R. Schlitz. 2,048,626; July 21.
- Cigar machine. F. X. Malocsay. 2,050,711; Aug. 11.
- Cigar wrapping and banding machine. A. W. Kath. 2,044,947; June 23.
- Cigarette. W. F. M. Edwards. 2,028,828; Jan. 28.
- Cigarette. A. H. Low. 2,028,552; Jan. 21.
- Cigarette. R. F. May. 2,057,243; Oct. 13.
- Cigarette. H. Ruben and M. Salomonski. 2,049,320; July 28.
- Cigarette and cigar holder. E. A. Kuntz. 2,047,786; July 14.
- Cigarette and making same, Moistureproof. N. Sulzberger. 2,033,791; Mar. 10.
- Cigarette and making the same. A. F. Rambert. 2,030,319; Feb. 11.
- Cigarette case. C. and S. Maten. 2,059,382; Nov. 3.
- Cigarette case. H. R. Segal. 2,039,559; May 5.
- Cigarette case. C. P. Shaw and A. C. Waldvogel. 2,055,052; Sept. 22.
- Cigarette case. A. W. Sinclair. 2,057,926; Oct. 20.
- Cigarette case. D. H. Zell. 2,050,079; Aug. 4.
- Cigarette case and ashtray, Combined. B. E. Treat. 2,036,986; Apr. 7.
- Cigarette case and lighter, Combined. L. A. Denit. 2,043,888; June 9.
- Cigarette case and match box. A. Kaiser and P. Nie-thamer. 2,063,103; Dec. 8.
- Cigarette case and the like. S. Lisner. 2,037,912; Apr. 21.
- Cigarette case, Waterproof. J. E. Walker. 2,028,030; Jan. 14.
- Cigarette container. H. A. Lubke. 2,051,450; Aug. 18.
- Cigarette container. I. M. Plant. 2,063,190; Dec. 8.
- Cigarette cut-off device. W. G. Forbes. 2,062,990; Dec. 1.
- Cigarette dispensing machine. D. B. Lane. 2,028,787; Jan. 28.
- Cigarette, Filter mouthpiece. C. W. Müller. 2,035,398; Mar. 24.
- Cigarette holder. G. J. Galley. 2,042,891; June 2.
- Cigarette holder. A. H. Metcalf. 2,035,178; Mar. 24.
- Cigarette lifting means for cigarette packs. H. J. Gearlin. 2,055,789; Sept. 29.
- Cigarette making machine, Pocket. E. Calderio. 2,028,897; Jan. 28.
- Cigarette mouthpiece. G. Davidson. 2,039,298; May 5.
- Cigarette package. W. M. Adams. 2,049,680; Aug. 4.
- Cigarette package. A. G. Rose. 2,042,073; May 26.
- Cigarette package holder. J. Holtzman. 2,030,990; Feb. 18.
- Cigarette package holder. J. A. Siebert. 2,057,453; Oct. 13.
- Cigarette packing machine. C. I. Braren. 2,053,418; Sept. 8.
- Cigarette processing machine. G. Solomon. 2,038,612; Apr. 28.
- Cigarette rest. N. G. Horwitt and M. Katcher. 2,032,536; Mar. 3.
- Cigarette tube and apparatus for making such tubes. B. Aivaz. 2,035,211; Mar. 24.
- Cigarette vending machine. W. H. Brown. 2,032,001; Feb. 25.
- Cigarette vending machine. A. J. Nuss. 2,044,441; June 16.
- Cigarette wrapping machine. A. G. Rose. 2,039,033; Apr. 28.
- Cigarettes, Device for making. F. T. Gracey. 2,030,061; Feb. 11.
- Cigarettes in superposed layers, Apparatus for arranging and stacking a plurality of rows of. C. W. Muller. 2,048,281; July 21.
- Cigarettes or cigars, Apparatus for lighting. J. A. Jorrand. 2,065,278; Dec. 22.
- Cinchona alkaloid derivative. L. H. Cretcher, W. L. Nelson, C. L. Butler, and A. G. Renfrew. 2,033,514; Mar. 10.
- Cinder separator. R. L. Beers. 2,065,554; Dec. 29.
- Cinematograph apparatus. A. A. Gillet. 2,037,972; Apr. 21.
- Cinematograph apparatus. A. P. Johnson. 2,029,871; Feb. 4.
- Cinematograph apparatus. B. E. Luboshez. 2,029,703; Feb. 4.
- Cinematograph projection screen. E. G. Turner. 2,059,156; Oct. 27.
- Cinematographic apparatus. C. U. Bundick and A. Berglund. 2,036,918; Apr. 7.
- Cinematographic apparatus. L. Goldhammer. 2,058,439; Oct. 27.
- Cinematographic effects in color, Production of. A. G. Hillman. 2,047,557; July 14.
- Cinematographic printer. M. H. Ames and L. T. Troland. 2,047,943; July 21.
- Cinematographic projector. A. L. V. C. Debrle. 2,027,679; Jan. 14.
- Cinematographic projector. H. W. Marshall. 2,055,696; Sept. 29.
- Cinematographic projector. L. Rivier. 2,059,033; Oct. 27.
- Cinematographic rectifying system. J. L. Baird. 2,032,164; Feb. 25.
- Cinematography and apparatus for use therein. T. de Roode. 2,061,652; Nov. 24.
- Ciphering and deciphering device, Electrical. A. L. Patton. 2,055,702; Sept. 29.
- Ciphering apparatus. P. Hitt. 2,028,508; Jan. 21.
- Ciphering machine. E. Bräuer. 2,050,919; Aug. 11.
- Circuit, Air conditioning control. J. S. Baker. 2,046,361; July 7.
- Circuit, Amplifier. P. O. Farnham. 2,048,737; July 28.
- Circuit analyzer. J. C. Hoover. 2,039,905; May 5.
- Circuit analyzer, Electrical. E. N. Dingley, Jr. 2,030,857; Feb. 18.
- Circuit and construction thereof, Magnetic. I. B. Serge. 2,029,282; Jan. 28.
- Circuit, Antenna. W. S. Harmon. 2,062,414; Dec. 1.
- Circuit apparatus. J. A. Comstock and W. W. Garstang. 2,036,399; Apr. 7.
- Circuit apparatus, Railway track. H. G. Witmer and L. K. Hedding. 2,061,747; Nov. 24.
- Circuit arrangement, Electrical. R. K. Potter. 2,030,178-80; Feb. 11.
- Circuit arrangement for coupling a tuned circuit with a tube. B. D. H. Tellegen. 2,047,524; July 14.
- Circuit arrangement for electrical time control. A. W. Vingerhoets. 2,061,011; Nov. 17.
- Circuit arrangement for gas filled discharge tubes. H. A. W. Klinkhamer. 2,028,839; Jan. 28.
- Circuit arrangement for gas-filled discharge tubes. G. Zecher. 2,056,643; Oct. 6.
- Circuit arrangement for indirectly heated vacuum tubes. J. Babler. 2,039,139; Apr. 28.
- Circuit arrangement, Receiver. R. Rechnitzer. 2,026,800; Jan. 7.
- Circuit arrangement, Rectifying. J. G. W. Mulder and D. M. Duinker. 2,043,515; June 9.
- Circuit arrangement, Superheterodyne. O. Schriever. 2,042,636; June 2.
- Circuit, Automatic fidelity control. R. A. Braden. 2,053,762; Sept. 8.
- Circuit, Automatic gain control. W. R. Koch. 2,054,825; Sept. 22.
- Circuit, Automatic gain control. K. Wilhelm and E. Klotz. 2,046,141; June 30.
- Circuit, Automatic sensitivity control. R. A. Braden. 2,051,364; Aug. 18.
- Circuit, Automatic volume control. L. E. Barton. 2,063,577; Dec. 8.
- Circuit breaker. W. A. Atwood. 2,047,815-6; July 14.
- Circuit breaker. W. A. Atwood. 2,053,934; Sept. 8.
- Circuit breaker. W. M. Austin. 2,027,219; Jan. 7.
- Circuit breaker. H. E. Cobb. 2,032,115; Feb. 25.
- Circuit breaker. H. J. Crabbs. 2,039,059; Apr. 28.
- Circuit breaker. H. J. Crabbs and H. L. Rawlins. 2,050,277; Aug. 11.
- Circuit breaker. H. D. Dorfman and J. H. Shuler. 2,044,157; June 16.
- Circuit breaker. W. H. Frank and J. Messing. 2,035,743; Mar. 31.
- Circuit breaker. W. H. Frank and J. Messing. 2,059,985; Nov. 3.
- Circuit breaker. H. S. Gano and H. D. Dorfman. 2,048,114; July 21.
- Circuit breaker. S. S. Grady. 2,052,564; Sept. 1.
- Circuit breaker. C. H. Hill. 2,047,824; July 14.
- Circuit breaker. G. E. Jansson. 2,060,758; Nov. 10.
- Circuit breaker. F. B. Johnson. 2,037,418; Apr. 14.
- Circuit breaker. E. G. Kees. 2,036,219; Apr. 7.
- Circuit breaker. J. L. Lappin. 2,047,828; July 14.
- Circuit breaker. L. J. Linde. 2,047,829; July 14.
- Circuit breaker. T. Lindstrom. 2,027,238; Jan. 7.
- Circuit breaker. H. J. Lingal. 2,050,346; Aug. 11.
- Circuit breaker. J. A. O'Brien. 2,034,827; Mar. 24.
- Circuit breaker. P. Piffath. 2,036,295; Apr. 7.
- Circuit breaker. P. Piffath. 2,061,920; Nov. 24.
- Circuit breaker. D. C. Prince. 2,053,971; Sept. 8.
- Circuit breaker. J. Sandin. 2,060,472; Nov. 10.
- Circuit breaker. S. T. Schofield. 2,056,020; Sept. 29.
- Circuit breaker. J. W. Seaman. 2,053,972; Sept. 8.
- Circuit breaker. H. G. Smith, Jr. 2,035,621; Mar. 31.
- Circuit breaker. R. M. Smith. 2,032,072; Feb. 25.
- Circuit breaker. R. C. P. Sorensen. 2,032,187; Feb. 25.



- Circuit breaker. J. Stolz, J. Hanke, G. Lux, and R. Logstidt. 2,044,133; June 16.
- Circuit breaker. F. G. von Hoorn. 2,065,356-7; Dec. 22.
- Circuit breaker. L. S. Walle. 2,047,842-3; July 14.
- Circuit breaker. R. M. Williams. 2,030,488; Feb. 11.
- Circuit breaker. J. D. Wood. 2,028,963; Jan. 28.
- Circuit breaker apparatus. B. I. Hayford. 2,027,228; Jan. 7.
- Circuit breaker apparatus. H. E. Young. 2,043,822; June 9.
- Circuit breaker, Automatic electric. S. E. Heden. 2,047,585; July 14.
- Circuit breaker, Automatic reset. W. H. Frank. 2,036,266; Apr. 7.
- Circuit breaker, Automatic reset. W. H. Frank. 2,053,247-8; Sept. 1.
- Circuit breaker contact. J. W. Seaman. 2,037,544; Apr. 14.
- Circuit breaker control system. O. A. Keep. 2,053,150; Sept. 1.
- Circuit breaker, Electric. T. A. Sperry. 2,055,183; Sept. 22.
- Circuit breaker, Electric. H. E. Strang. 2,050,864; Aug. 11.
- Circuit breaker, Electric. W. Uebermuth. 2,051,659; Aug. 18.
- Circuit breaker, Electric oil. C. H. Flurscheim. 2,055,345; Sept. 22.
- Circuit breaker for network protectors. T. Lindstrom. 2,036,284; Apr. 7.
- Circuit breaker, Fuse-plug type. J. Geisslinger. 2,057,093; Oct. 13.
- Circuit breaker, High speed. P. W. Forsberg. 2,037,570; Apr. 14.
- Circuit breaker lever. A. S. Pinkus. 2,033,005; Mar. 3.
- Circuit breaker, Liquid immersed electric. C. H. Flurscheim. 2,064,652; Dec. 15.
- Circuit breaker mechanism. L. J. Linde. 2,053,961; Sept. 8.
- Circuit breaker operating and control means. L. J. Linde. 2,034,146; Mar. 17.
- Circuit breaker plug. L. A. Tessier. 2,038,970; Apr. 28.
- Circuit breaker, Reclosing. P. B. Parks. 2,046,406; July 7.
- Circuit breaker reclosing mechanism, Automatic. G. D. Gamel. 2,060,494; Nov. 10.
- Circuit breaker system, Automatic. A. S. Fitzgerald. 2,050,882; Aug. 11.
- Circuit breaker system, Automatic reclosing. A. E. Anderson. 2,031,447; Feb. 18.
- Circuit breaker system, Automatic reclosing. A. E. Anderson. 2,059,836; Nov. 3.
- Circuit breaker system, Automatic reclosing. A. E. Anderson. 2,065,360; Dec. 22.
- Circuit breaker system, Automatic reclosing. A. H. Curtis. 2,042,925; June 2.
- Circuit-breaker with compressed gas blow-out, Electric. A. Clerc. 2,049,995; Aug. 4.
- Circuit breaker with compressed gas blow-out, Electric. A. Clerc. 2,049,996; Aug. 4.
- Circuit breaker with compressed gas blow-out, Electric. A. Clerc. 2,060,282; Nov. 10.
- Circuit breaker with movable piston, Compressed air. L. J. Saudicoeur. 2,039,838; May 5.
- Circuit breaking device. E. S. True. 2,046,857; July 7.
- Circuit breaking device for knitting machines, Multiple. S. Mishcon. 2,055,610; Sept. 29.
- Circuit, Carrier augmentation. W. S. Barden. 2,041,040; May 19.
- Circuit closer. S. P. Caldwell. 2,040,919; May 19.
- Circuit closer. W. Pitt. 2,042,863; June 2.
- Circuit closer for electric hand lanterns. R. L. Darling. 2,045,636; June 30.
- Circuit closer for knitting machines. M. Wachsman. 2,036,243; Apr. 7.
- Circuit closer for steering wheels. F. I. Getty. 2,053,188; Sept. 1.
- Circuit closer, Mercury tube electric. A. C. Howard. 2,044,882; June 23.
- Circuit closing device. F. C. Twist. 2,042,915; June 2.
- Circuit closing device. G. J. Winter. 2,066,024; Dec. 29.
- Circuit, Combined detector oscillator. D. Grimes and W. S. Barden. 2,034,513; Mar. 17.
- Circuit, Combined oscillator-detector. W. van B. Roberts. 2,051,178; Aug. 18.
- Circuit completing device, High tension electric. C. Basse. 2,056,118; Sept. 29.
- Circuit, Control. J. M. Duguid and J. H. Sole. 2,031,942.
- Circuit, Control. D. D. Knowles. 2,042,181; May 26.
- Circuit, Control. V. E. Rosene. 2,030,400; Feb. 11.
- Circuit, Control. J. L. Weston. 2,030,948; Feb. 18.
- Circuit control apparatus. W. R. Lyman. 2,065,594; Dec. 29.
- Circuit control apparatus, Electric. F. D. Austin. 2,056,760; Oct. 6.
- Circuit control device. C. M. Petersen. 2,053,629; Sept. 8.
- Circuit control for electric brakes. G. W. Baughman. 2,032,106; Feb. 25.
- Circuit-control means. D. Ulrey. 2,036,783; Apr. 7.
- Circuit control means, Electric. A. Boyajian. 2,040,684; May 12.
- Circuit control means, Electric. C. M. Summers. 2,040,763; May 12.
- Circuit controller. J. Arcelon. 2,031,448; Feb. 18.
- Circuit controller. H. P. Chandler. 2,027,576; Jan. 14. Feb. 25.
- Circuit controller. T. N. Eagle. 2,049,001; July 28.
- Circuit controller. E. F. Hathaway and W. Bixby. 2,029,821; Feb. 4.
- Circuit controller. H. E. Norviel and L. O. Parker. 2,054,681; Sept. 15.
- Circuit controller. R. J. Parsons. 2,049,747; Aug. 4.
- Circuit controller. J. F. Tritle. 2,031,516; Feb. 18.
- Circuit controller. G. P. Tromp and P. Neill. 2,032,191; Feb. 25.
- Circuit controller, Emergency. R. J. Parsons. 2,030,799; Feb. 11.
- Circuit controller, Railway switch. C. R. Beall. 2,053,891; Sept. 8.
- Circuit controller, Thermostatic. R. J. Parsons. 2,028,077; Jan. 14.
- Circuit controlling apparatus. C. Aalborg. 2,039,376; May 5.
- Circuit controlling appliance, Electrical. J. Sachs. 2,043,494; June 9.
- Circuit controlling device. A. E. Anderson. 2,055,327; Sept. 22.
- Circuit controlling device. J. M. Dayton. 2,052,083; Aug. 25.
- Circuit controlling device. C. R. Kemper. 2,044,080; June 16.
- Circuit controlling device. H. F. Oberfell. 2,057,911; Oct. 20.
- Circuit controlling device for an automobile signaling mechanism. G. W. Everitt. 2,035,266; Mar. 24.
- Circuit controlling device of the thermal overload type, Electric. E. N. Lightfoot. 2,027,541; Jan. 14.
- Circuit controlling mechanism, Electric. A. O. Engberg and A. Eriksson-Jons. 2,041,748; May 26.
- Circuit controlling method and apparatus. H. C. Graves, Jr. 2,030,582; Feb. 11.
- Circuit controlling system. W. H. Hollinshead. 2,044,746; June 16.
- Circuit controlling system. M. C. Phillips and V. Havener. 2,043,464; June 9.
- Circuit controlling, System and apparatus for. F. W. Godsey, Jr. 2,063,997; Dec. 15.
- Circuit, Converter. E. W. Herold. 2,066,038; Dec. 29.
- Circuit, Coupling. H. C. Forbes. 2,036,865; Apr. 7.
- Circuit, Crystal control. T. P. Kinn. 2,064,013; Dec. 15.
- Circuit, Crystal controlled. M. G. Crosby. 2,048,782; July 28.
- Circuit, Demodulation. R. Urtel and K. Steimel. 2,060,142; Nov. 10.
- Circuit, Detecto-oscillator. F. B. Stone. 2,047,653; July 14.
- Circuit, Detector. P. O. Farnham. 2,048,738; July 28.
- Circuit, Detector. J. K. Johnson. 2,041,291; May 19.
- Circuit detector, Short. H. P. Manly. 2,033,347; Mar. 10.
- Circuit, Diode rectifier. P. O. Farnham. 2,034,511; Mar. 17.
- Circuit, Electric oscillation. H. Muth. 2,031,846; Feb. 25.
- Circuit, Electric translating. H. L. Palmer. 2,057,585; Oct. 13.
- Circuit, Electric transmission. W. Lyons. 2,036,343; Apr. 7.
- Circuit, Electrical. D. T. Bell. 2,059,194; Nov. 3.
- Circuit, Electrical. S. Ruben. 2,051,396; Aug. 18.
- Circuit, Electrical amplifier. S. Ruben. 2,063,524; Dec. 8.
- Circuit, Electrical amplifying. H. Hertwig and H. Hintze. 2,049,376; July 28.
- Circuit, Electrical control. H. H. Geffcken and H. R. Richter. 2,045,769; June 30.
- Circuit, Electrical transmission. C. H. Rumpel. 2,033,956; Mar. 17.
- Circuit, Electromechanical oscillator. L. A. Gebhard. 2,031,767-8; Feb. 25.
- Circuit, Electron coupled. K. Rath. 2,051,177; Aug. 18.
- Circuit, Electron discharge device. H. E. Hollmann. 2,044,003; June 16.
- Circuit, Filtering. H. T. Budenbom. 2,052,338; Aug. 25.
- Circuit for broadcast apparatus, Receiving. R. Rechnitzer. 2,061,740; Nov. 24.
- Circuit for burner systems, Transformer protection. L. M. Persons. 2,054,041; Sept. 8.
- Circuit for cold cathode tubes, Electrical. H. St. Laurent. 2,058,738; Oct. 27.
- Circuit for gaseous discharge lamps, Starting. E. O. Erickson. 2,028,538; Jan. 21.
- Circuit for photoelectric controllers. E. H. Vedder. 2,033,016; Mar. 3.
- Circuit for trigger devices, Resetting. L. K. Swart. 2,056,235; Oct. 6.
- Circuit for voice frequency ringing and for voice frequency current. G. A. Pullis. 2,036,079; Mar. 31.
- Circuit, Gain control. R. W. Chesnut. 2,049,195; July 28.
- Circuit, Gain control. H. I. Romnes. 2,031,980; Feb. 25.
- Circuit, Gaseous discharge tube. R. M. Critchfield. 2,050,922; Aug. 11.
- Circuit, Gas-filled tube telegraph relay. A. M. Curtis and E. M. Boardman. 2,059,562; Nov. 3.
- Circuit, Grouping. G. N. Saul and J. B. Shiel. 2,041,090; May 19.
- Circuit, High frequency. F. A. Kolster. 2,031,490; Feb. 18.



- Circuit, High frequency oscillator and modulation. C. W. Hansell. 2,059,863; Nov. 3.
- Circuit, High frequency transmitting. G. L. Usselman. 2,051,503; Aug. 18.
- Circuit, Interpolating. H. F. Wilder. 2,046,984; July 7.
- Circuit interrupter. H. J. Crabbs. 2,027,900; Jan. 14.
- Circuit interrupter. R. M. Davis. 2,027,721; Jan. 14.
- Circuit interrupter. H. D. Dorfman. 2,050,284-5; Aug. 11.
- Circuit interrupter. P. Duffing. 2,061,301; Nov. 17.
- Circuit interrupter. P. J. Glaister and H. L. Rawlins. 2,042,335; May 26.
- Circuit interrupter. J. W. Huffstutter. 2,039,080; Apr. 28.
- Circuit interrupter. F. Koppelman, W. Kaufmann, and F. Kesselring. 2,061,945; Nov. 24.
- Circuit interrupter. H. J. Lingal. 2,047,739; July 14.
- Circuit interrupter. H. L. Rawlins. 2,032,149; Feb. 25.
- Circuit interrupter. H. L. Rawlins. 2,044,226; June 16.
- Circuit interrupter. D. S. Rivers. 2,044,448; June 16.
- Circuit interrupter. J. Sandin. 2,043,306; June 9.
- Circuit interrupter. J. Sandin. 2,046,701; July 7.
- Circuit interrupter. J. H. Shuler. 2,039,036; Apr. 28.
- Circuit interrupter. K. Wulsten. 2,044,142; June 16.
- Circuit interrupter and separable contacts therefor, Electric. E. Kneass and O. Jensen. 2,029,028; Jan. 28.
- Circuit interrupter, Electric. J. Biermanns. 2,056,033; Sept. 29.
- Circuit interrupter, Electric. A. C. Ehrenberg and G. A. Juhlin. 2,036,800; Apr. 7.
- Circuit interrupter, Electric. H. C. Graves, Jr. 2,028,204; Jan. 21.
- Circuit interrupter, Electric. G. A. Juhlin and W. A. Coates. 2,056,009; Sept. 29.
- Circuit interrupter, Electric. D. C. Prince. 2,049,318; July 28.
- Circuit interrupter, Electric. M. Shinohara. 2,053,973; Sept. 8.
- Circuit interrupter, Electric. W. E. Skeats. 2,049,328; July 28.
- Circuit interrupter, Electric. C. Thumim. 2,031,514; Feb. 18.
- Circuit interrupter, Liquid immersed electric. D. R. Davies. 2,047,008; July 7.
- Circuit, Keying. W. W. Eitel and J. McCullough. 2,026,874; Jan. 7.
- Circuit maker and breaker. W. P. Loudon. 2,063,320; Dec. 8.
- Circuit maker and breaker. D. B. McLaren. 2,037,526; Apr. 14.
- Circuit making and breaking device, Electric. H. M. Rockwell. 2,050,897; Aug. 11.
- Circuit, Motor. C. J. Werner. 2,057,175; Oct. 13.
- Circuit, Motor control. E. R. Morton. 2,050,624; Aug. 11.
- Circuit, Multiple duty tube. J. S. Starrett. 2,054,664; Sept. 15.
- Circuit, Multirange radio frequency. H. O. Peterson. 2,046,407; July 7.
- Circuit, Oscillation. C. S. Franklin and B. J. Witt. 2,028,596; Jan. 21.
- Circuit, Oscillator. W. F. Cotter and M. E. Bond. 2,034,974; Mar. 24.
- Circuit, Photoelectric cell. B. A. Brice. 2,064,517; Dec. 15.
- Circuit, Photoelectric cell. W. N. Goodwin, Jr. 2,032,010; Feb. 25.
- Circuit, Power supply. L. E. Barton. 2,066,170; Dec. 29.
- Circuit, Power supply. H. Friedrich. 2,048,739; July 28.
- Circuit, Power supply. L. W. Wickersheim. 2,045,428; June 23.
- Circuit protecting system. E. V. Mott. 2,046,962; July 7.
- Circuit, Protective. C. H. Brown. 2,064,192; Dec. 15.
- Circuit protective device. H. R. Searing. 2,049,325; July 28.
- Circuit, Radio receiving antenna. L. J. Lesh. 2,051,260; Aug. 18.
- Circuit, Receiving. H. E. Hollmann. 2,059,581; Nov. 3.
- Circuit, Relay. A. H. Lamb. 2,057,384; Oct. 13.
- Circuit, Remote control. F. E. Blount. 2,052,273; Aug. 25.
- Circuit scheme for suppression of carrier waves. H. O. Roosenstein. 2,035,013; Mar. 24.
- Circuit, Selectivity control. W. L. Carlson. 2,056,955; Oct. 13.
- Circuit, Self-excited microphone. A. R. Hopkins. 2,066,149; Dec. 29.
- Circuit, Signal transmission. R. E. Ressler. 2,038,199; Apr. 21.
- Circuit, Superheterodyne. W. Van B. Roberts. 2,027,933; Jan. 14.
- Circuit, Sweep. A. D. Blumlein. 2,063,025; Dec. 8.
- Circuit, Telephone signal. C. G. Miller. 2,060,585; Nov. 10.
- Circuit, Telephone transmission. S. B. Wright and D. Mitchell. 2,041,101; May 19.
- Circuit terminal structure, Electric. J. D. Noyes. 2,042,620; June 2.
- Circuit, Test. O. Cesareo. 2,039,631; May 5.
- Circuit testing device. M. Podell. 2,036,077; Mar. 31.
- Circuit, Thermionic vacuum tube. P. Baker. 2,055,921; Sept. 29.
- Circuit timing apparatus, Electric. C. H. Rippl. 2,055,707; Sept. 29.
- Circuit, Track. B. E. O'Hagan. 2,049,859; Aug. 4.
- Circuit, Trunk. A. C. Powell. 2,027,197; Jan. 7.
- Circuit, Ultra high frequency oscillation. C. W. Hansell. 2,060,770; Nov. 10.
- Circuit, Vacuum tube. A. J. Cawley. 2,056,824; Oct. 6.
- Circuit, Variable mu amplifier. S. Ballantine. 2,066,284; Dec. 29.
- Circuit, Volume control. L. R. Kirkwood. 2,050,437; Aug. 11.
- Circuit with noncircular shields. E. I. Green and F. A. Leibe. 2,034,034; Mar. 17.
- Circuit with stranded inner conductor, Coaxial. F. A. Leibe and T. C. Rogers. 2,034,047; Mar. 17.
- Circuits, Amplification control. C. Travis. 2,034,497; Mar. 17.
- Circuits, Amplifier. R. Rechnitzer. 2,039,113; Apr. 28.
- Circuits and apparatus for operating electric discharge lamps. W. F. Westendorp. 2,043,023; June 2.
- Circuits, Automatic control. J. Yolles. 2,039,618; May 5.
- Circuits, Automatic fidelity control. R. A. Braden. 2,054,892; Sept. 22.
- Circuits, Automatic selective fading control. H. Mayer. 2,054,657; Sept. 15.
- Circuits, Automatic volume control. E. T. Dickey. 2,055,891; Sept. 29.
- Circuits, Automatic volume control. H. A. Snow. 2,028,359; Jan. 21.
- Circuits, Automatic volume control. H. A. Snow. 2,065,910; Dec. 29.
- Circuits, Capacity coupled constant amplification. W. van B. Roberts. 2,064,990; Dec. 22.
- Circuits, Combined detector-automatic volume control. D. G. Burnside. 2,048,100; July 21.
- Circuits, Control. V. E. Rosene. 2,060,898; Nov. 17.
- Circuits, Controlling starting motor and ignition. H. H. Trail. 2,032,775; Mar. 3.
- Circuits, Coupled. P. O. Farnham. 2,052,703; Sept. 1.
- Circuits, Crystal controlled oscillator. H. Tunick. 2,044,137; June 16.
- Circuits, Electric control. B. R. Teare, Jr. 2,043,844; June 9.
- Circuits, Electric valve. L. F. Perrott. 2,039,027; Apr. 28.
- Circuits, Electrical discharge tube. L. F. B. Carini. 2,041,114; May 19.
- Circuits, Electromagnetic relay. W. H. Scheer. 2,034,881; Mar. 24.
- Circuits, Fidelity control. G. V. Dowding. 2,031,034; Feb. 18.
- Circuits, Flasher. W. W. Viebahn. 2,027,253; Jan. 7.
- Circuits for employing capacitative currents, Electric. G. D. Robinson. 2,027,291; Jan. 7.
- Circuits for gas-discharge tubes, Electrical. R. S. Tour. 2,050,135; Aug. 4.
- Circuits for gaseous electric discharge devices, Starting and operating. H. Ewest and M. Reger. 2,056,658; Oct. 6.
- Circuits for resetting gaseous discharge devices. L. K. Swart. 2,056,912; Oct. 6.
- Circuits for seismic prospecting, Electrical. L. W. Blau. 2,055,477; Sept. 29.
- Circuits for space discharge devices, Energizing. R. A. Braden. 2,032,199; Feb. 25.
- Circuits, Frequency multiplier. H. Gutmann. 2,063,093; Dec. 8.
- Circuits, Interlocking. O. H. Schade. 2,037,659; Apr. 14.
- Circuits, Mechanical repeater. F. A. Hubbard. 2,033,242; Mar. 10.
- Circuits, Multirange converter. M. G. Clay. 2,061,611; Nov. 24.
- Circuits, Oscillator-detector. P. O. Farnham. 2,044,071; June 16.
- Circuits, Parallel push-pull converter. W. A. Harris. 2,038,285; Apr. 21.
- Circuits, Power control. P. H. Craig. 2,054,496; Sept. 15.
- Circuits, Protection of electric. L. F. Blume. 2,030,679; Feb. 11.
- Circuits, Railway track. H. A. Thompson. 2,034,496; Mar. 17.
- Circuits, Receiver manual and automatic gain control. H. A. Robinson. 2,039,663; May 5.
- Circuits, Receiving. C. W. Hansell. 2,044,745; June 16.
- Circuits, Selective. H. A. Wheeler. 2,048,527; July 21.
- Circuits, Selective calling. K. O. Thorp. 2,063,354; Dec. 8.
- Circuits, Telegraph repeater. J. Herman. 2,055,575; Sept. 29.
- Circuits, Vacuum tube. O. Bohm. 2,057,998; Oct. 20.
- Circuits, Vacuum tube amplifier. C. F. Woll. 2,065,257; Dec. 22.
- Circuits with circular shields. H. E. Curtis and S. P. Mead. 2,034,026; Mar. 17.
- Circuits with double circular shields. E. I. Green. 2,034,035; Mar. 17.
- Circuits with hexagonal shields. E. I. Green. 2,034,036; Mar. 17.
- Circular loom. H. Dreyfus and W. Pool. 2,042,703-4; June 2.
- Circular loom. F. C. Hale and R. Yeadon. 2,061,625; Nov. 24.
- Circular loom. J. Jabouley. 2,065,137; Dec. 22.
- Circular loom. J. I. Villa and W. R. MacEwan. 2,035,208; Mar. 24.
- Circular loom. R. Yeadon. 2,027,459; Jan. 14.
- Circular saw clamp. J. S. Hughes. 2,060,319; Nov. 10.



- Circulation control for percolators. F. R. Farmer. 2,053,072; Sept. 1.
- Circulation of heating mediums in vapor heating systems for automotive vehicles. S. Vernet. 2,040,159; May 12.
- Cislane-rayon, Producing. R. S. Bley. 2,030,736; Feb. 11.
- Clatern, Water. J. Blake. 2,032,973; Mar. 3.
- Citrous fruit tool. J. E. Burns. 2,032,562; Mar. 3.
- Clamp: *See*—
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|-----------------------------------|----------------------------|
| Adjustable clamp.                 | Insulator clamp.           |
| Adjustable spring clamp.          | Jar clamp.                 |
| Battery clamp.                    | Machine plate clamp.       |
| Battery terminal and cable clamp. | Paper stacking clamp.      |
| Battery terminal clamp.           | Pipe clamp.                |
| Beam clamp.                       | Pressure cooker clamp.     |
| Bed cover clamp.                  | Printing-plate clamp.      |
| Bicycle mud guard clamp.          | Releasing clamp.           |
| Bus clamp.                        | Rope clamp.                |
| Cabinet clamp.                    | Shear blade clamp.         |
| Cable clamp.                      | Ski clamp.                 |
| Cable or wire line clamp.         | Slide clamp.               |
| Castration clamp.                 | Stop clamp.                |
| Catline clamp.                    | Switch box lath clamp.     |
| Channel conductor clamp.          | Table top extension clamp. |
| Circular saw clamp.               | Terminal clamp.            |
| Conductor clamp.                  | Toggle clamp.              |
| Dead end clamp.                   | Trunnion type clamp.       |
| Drilling machine clamp.           | Type clamp.                |
| Drive clamp.                      | Universal clamp.           |
| Fuse clamp.                       | Wheel rail clamp.          |
| Hair spring clamp.                | Wire clamp.                |
| Handle clamp.                     | Wire line drilling clamp.  |
| Hose clamp.                       | Work clamp.                |
- Clamp. N. J. Anton. 2,051,670; Aug. 18.
- Clamp. A. O. Austin. 2,058,549; Oct. 27.
- Clamp. G. B. Bosco. 2,061,751; Nov. 24.
- Clamp. A. R. Duvall. 2,055,251; Sept. 22.
- Clamp. E. F. Gaines. 2,036,867; Apr. 7.
- Clamp. W. C. Heiber and E. R. Meng. 2,066,148; Dec. 29.
- Clamp. T. J. LaValley. 2,042,263; May 26.
- Clamp, S. E. Lingle. 2,049,916; Aug. 4.
- Clamp. E. B. Morgan. 2,039,973; May 5.
- Clamp. J. J. Taylor. 2,061,371; Nov. 17.
- Clamp. R. J. Teetor. 2,037,184; Apr. 14.
- Clamp. C. H. Walker. 2,041,311; May 19.
- Clamp. A. K. Watcher. 2,061,217; Nov. 17.
- Clamp device for rope and the like, Adjustable. G. C. Passek. 2,066,049; Dec. 29.
- Clamp for bell and spigot joints, Adjustable repair. C. E. Norton. 2,031,499; Feb. 18.
- Clamp for button sewing machines. F. L. Jennings. 2,050,331; Aug. 11.
- Clamp for concrete form work. E. P. Muntz. 2,042,955; June 2.
- Clamp for conductors, Trunnion. J. J. Taylor. 2,039,501; May 5.
- Clamp for duplicators, Sheet stack. F. W. Storck. 2,036,971; Apr. 7.
- Clamp for electric wires, Junction. C. E. Chatfield. 2,045,547; June 23.
- Clamp for overhead transmission lines, Suspension. M. Preiswerk. 2,058,258; Oct. 20.
- Clamp for pipe joints, Leak. W. D. Moore. 2,037,084; Apr. 14.
- Clamp for printing machines, Plate. H. V. Ball and F. Lamatsch. 2,066,192; Dec. 29.
- Clamp for ropes, Adjustable. J. H. Bell. 2,053,018; Sept. 1.
- Clamp for scaffolding. D. H. Jones. 2,044,700; June 16.
- Clamp for shoemakers, Adjustable heel. R. Calabrese. 2,049,686; Aug. 4.
- Clamp for storage batteries, Post. R. S. Fennell and E. E. Spencer. 2,062,409; Dec. 1.
- Clamp on paper cutting machine. F. Laessker. 2,054,505; Sept. 15.
- Clamp or holder for pipe coverings, coverings of boilers and the like, End. I. Cohen. 2,032,686; Mar. 3.
- Clamp or hook for printing plates. A. J. Hoerth. 2,043,660; June 9.
- Clamp puller. A. Sutherland. 2,037,834; Apr. 21.
- Clamping arrangement on metallic connecting elements. O. E. W. Osenberg. 2,056,309; Oct. 6.
- Clamping device. G. O. Benson. 2,027,220; Jan. 7.
- Clamping device. J. P. Coco. 2,052,870; Sept. 1.
- Clamping device. W. M. O'Hara. 2,056,205; Oct. 6.
- Clamping device. J. and J. Prendergast. 2,061,369; Nov. 17.
- Clamping device. C. A. Schraff. 2,035,572; Mar. 31.
- Clamping device. J. E. Simek. 2,047,294; July 14.
- Clamping device. F. E. Stahl. 2,043,125; June 2.
- Clamping device. C. P. Stuart. 2,052,853; Sept. 1.
- Clamping device. C. Travani. 2,039,369; May 5.
- Clamping device for cylinder boring machines. C. O. Hane. 2,039,715; May 5.
- Clamping device for duplicators, Master. F. W. Storck. 2,061,525; Nov. 17.
- Clamping device for switch boxes and other fixtures. F. W. Gries. 2,063,923; Dec. 15.
- Clamping means. J. Y. Blazek and R. G. Anderson. 2,062,494; Dec. 1.
- Clamping screw. D. H. Chason. 2,037,649; Apr. 14.
- Clamps, Making. C. A. Laemmel. 2,045,327; June 23.
- Clarifier for camera finders, Image. S. J. Percy. 2,054,442; Sept. 15.
- Clarinet. A. Loomis. 2,033,772; Mar. 10.
- Clasp. R. W. Cook. 2,046,771; July 7.
- Clasp. E. L. Johnson and O. Lundsten. 2,039,225; Apr. 28.
- Clasp and hook stay. J. J. Kispert. 2,029,875; Feb. 4.
- Clasp, Apparel. W. J. Bissell. 2,055,116; Sept. 22.
- Clasp brake. W. H. Baselt. 2,043,693; June 9.
- Clasp brake. W. H. Baselt. 2,055,959; Sept. 29.
- Clasp, Collar. L. Madison. 2,030,997; Feb. 18.
- Clasp fastener elements to stingers, Method of and apparatus for supplying sliding. M. Winterhalter. 2,053,544; Sept. 8.
- Clasp fastener with non-metallic fastener elements, Sliding. J. Hora. 2,056,856; Oct. 6.
- Clasp for string jewelry. B. F. Brogan. 2,051,591; Aug. 18.
- Clasp for watch-bracelets or the like, Extendible and adjustable. S. A. Johnson. 2,042,154; May 26.
- Clasp, Garment. C. B. Battin. 2,053,651; Sept. 8.
- Clasp, Garment. C. B. Battin. 2,063,021; Dec. 8.
- Clasp, Garment supporting. E. C. Kastner and H. W. Falstrom. 2,062,267; Nov. 24.
- Clasp, Garter. V. G. Corel. 2,037,763; Apr. 21.
- Clasp, Hairpin. F. Interrante. 2,031,483-4; Feb. 18.
- Clasp, Hose supporting. A. Signorini. 2,033,854; Mar. 10.
- Clasp, Lingerie. W. J. Bomber. 2,031,685; Feb. 25.
- Clasp, Necktie. W. B. Hill. 2,050,433; Aug. 11.
- Clasp, Optical. V. R. Hon. 2,042,400; May 26.
- Clasp or connector, Terminal. C. H. Kestenman. 2,041,354; May 19.
- Clasp or coupling device for bracelets, chains, and the like. J. Dalo. 2,058,957; Oct. 27.
- Clasp, Shoe lace. W. H. McIlhenny. 2,035,174; Mar. 24.
- Classifier. C. E. Carstens, D. Dyrenforth, and A. D. Marriott, Jr. 2,042,444; May 26.
- Classifier. H. Hardinge and R. J. Russell. 2,047,202; July 14.
- Claw bar. E. R. Casey. 2,061,754; Nov. 24.
- Claw bar. J. T. Lane. 2,026,581; Jan. 7.
- Claw coupling. K. Maybach. 2,049,126-7; July 28.
- Claw guard. A. E. Larson. 2,028,674; Jan. 21.
- Clay homogenizing, Method and apparatus. M. F. H. Gouverneur. 2,026,782; Jan. 7.
- Clay slip, Method and apparatus for treating and filtering. D. F. McCormick. 2,049,071; July 28.
- Clay testing apparatus. D. H. Rowland. 2,059,036; Oct. 27.
- Clay working machine. C. M. Steele. 2,041,619; May 19.
- Clays, Activating bleaching. K. Endell. 2,057,232; Oct. 13.
- Clays and preparing same. P. Bechtner and W. B. Hirschmann. 2,036,617; Apr. 7.
- Clays and the like, Treatment of. W. Feldenheimer. 2,053,329; Sept. 8.
- Clays, Method and apparatus for treating. D. G. Brandt. 2,065,643; Dec. 29.
- Clays, Preparing adsorbent. E. M. Slocum. 2,034,996; Mar. 24.
- Clays, Revivifying spent adsorbent. J. V. Starr. 2,055,616; Sept. 29.
- Clean-out. H. Paxton. 2,050,501; Aug. 11.
- Clean-out device. D. Dumas. 2,048,852; July 28.
- Clean-out for fruit treating machines. H. Paxton. 2,054,440; Sept. 15.
- Clean-out mechanism. H. Paxton. 2,053,493; Sept. 8.
- Clean-out mechanism for the ends of rolls. A. J. Hazle, Jr. 2,058,869; Oct. 27.
- Clean up agent for vacuum devices. D. S. Gustin. 2,042,935; June 2.
- Cleaner: *See*—
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|------------------------------------|---------------------------|
| Air cleaner.                       | Mop cleaner.              |
| Automobile cooling system cleaner. | Oil cleaner.              |
| Bit cleaner.                       | Pneumatic cleaner.        |
| Boiler cleaner.                    | Pneumatic vacuum cleaner. |
| Boiler tube cleaner.               | Poultry house cleaner.    |
| Coal cleaner.                      | Putty cleaner.            |
| Coil cleaner.                      | Sewer cleaner.            |
| Comb cleaner.                      | Sluice rack cleaner.      |
| Commutator cleaner.                | Suction cleaner.          |
| Cylinder vacuum cleaner.           | Traveling cleaner.        |
| Drain and pipe cleaner.            | Tube cleaner.             |
| Drain cleaner.                     | Typewriter type cleaner.  |
| Drain pipe cleaner.                | Vacuum cleaner.           |
| Dust mop cleaner.                  | Well cleaner.             |
| Egg cleaner.                       | Window cleaner.           |
| Eyeglass cleaner.                  | Windshield cleaner.       |
| Flue cleaner.                      |                           |
- Cleaner. H. Van Rosen. 2,058,371; Oct. 20.
- Cleaner and making the same, Pot. W. D. Gorman. 2,059,099; Oct. 27.
- Cleaner and skimmer, Boiler. S. A. Peters. 2,055,362; Sept. 22.
- Cleaner blade, Windshield. E. C. Horton. 2,039,716; May 5.
- Cleaner combination unit, Air. C. E. Jacobs. 2,064,207; Dec. 15.
- Cleaner for machinery, Traveling. W. W. Linder. 2,063,816; Dec. 8.
- Cleaner for silverware, Liquid. W. C. Gangloff and R. H. Hieronymus. 2,051,697; Aug. 18.



- Cleaner for textile machines, Thread. P. Hemmerich. 2,064,159; Dec. 15.
- Cleaner for the top comb of combing machines. N. Howard. 2,052,531; Aug. 25.
- Cleaner for tin, zinc, and aluminum. C. B. Durgin. 2,037,566; Apr. 14.
- Cleaner for tobacco pipes. F. A. Schweinsberger. 2,048,411; July 21.
- Cleaning and drying means. F. Ollison. 2,053,677; Sept. 8.
- Cleaning and massage device for dental purposes. L. H. Blanchard. 2,039,278; May 5.
- Cleaning and massage device for dental purposes. L. H. Blanchard. 2,045,939; June 30.
- Cleaning and polishing composition. B. H. Jacobson. 2,027,535; Jan. 14.
- Cleaning and polishing material. F. W. Sperr, Jr. 2,059,052; Oct. 27.
- Cleaning and polishing pad for disks. W. Elliott. 2,045,762; June 30.
- Cleaning apparatus. W. B. Hodge. 2,063,873; Dec. 8.
- Cleaning apparatus. E. C. Pugh. 2,044,185; June 16.
- Cleaning apparatus, Dry. R. A. Hetzer. 2,046,782; July 7.
- Cleaning apparatus, Dry. V. Passar. 2,053,103; Sept. 1.
- Cleaning, Apparatus for and method of. L. G. Nilson. 2,060,238; Nov. 10.
- Cleaning, Apparatus for dry. C. G. Watson. 2,058,278; Oct. 20.
- Cleaning apparatus for high draft mechanisms with endless belts. F. Casablancas. 2,051,793; Aug. 18.
- Cleaning apparatus for machinery. W. B. Hodge. 2,047,558; July 14.
- Cleaning apparatus for perforated pipe and the like. H. C. Yarbrough. 2,055,515; Sept. 29.
- Cleaning appliance. F. A. Auer. 2,033,670; Mar. 10.
- Cleaning appliance. A. C. E. Meier. 2,042,546; June 2.
- Cleaning attachment for integral line-casting type machines. C. A. Spickler. 2,044,486; June 16.
- Cleaning composition. C. G. Gilbert. 2,038,653; Apr. 28.
- Cleaning composition. F. R. Johnson. 2,044,246; June 16.
- Cleaning composition. A. S. Weygandt. 2,034,070; Mar. 17.
- Cleaning composition, Fluid-circulating. E. W. Adams and T. H. Rogers. 2,063,972; Dec. 15.
- Cleaning composition, Pulverulent. A. B. Cummins. 2,041,744; May 26.
- Cleaning device. B. M. and C. E. Bireley. 2,030,494; Feb. 11.
- Cleaning device. H. L. Feasel. 2,048,689; July 28.
- Cleaning device. H. L. Feasel. 2,049,054; July 28.
- Cleaning device. H. W. Hunter. 2,039,594; May 5.
- Cleaning device. C. E. Lang and C. L. Boggs. 2,054,515; Sept. 15.
- Cleaning device. G. J. Mitchell. 2,032,762; Mar. 3.
- Cleaning device. C. R. Shannon. 2,047,231; July 14.
- Cleaning device for circular knitting machinery. G. W. Allred. 2,045,509; June 23.
- Cleaning device for glasses, bottles, and the like. E. D. Wolfe. 2,056,030; Sept. 29.
- Cleaning implement. J. S. Claxon. 2,043,464; June 9.
- Cleaning implement for pianos or the like. M. M. Miley. 2,062,065; Nov. 24.
- Cleaning, Method of. F. Riebel, Jr., and D. M. Dow. 2,053,632; Oct. 27.
- Cleaning process. P. McDorman. 2,043,300; June 9.
- Cleaning system, Dry. M. F. Moran. 2,044,096; June 16.
- Cleaning, wetting, and emulsifying composition. W. Schrauth. 2,036,438; Apr. 7.
- Cleanser, Making a water-softening. B. O. Crites. 2,065,117; Dec. 22.
- Cleansing and deodorizing device for closet bowls. J. D. Keillor. 2,045,473; June 23.
- Cleansing member, Integral resilient. J. Cannonito. 2,058,213; Oct. 20.
- Cleansing pads, Device for moistening and dispensing. J. B. Dargavel. 2,044,284; June 16.
- Cleansing preparation. T. K. Cleveland. 2,044,467; June 16.
- Clearance lamp. C. Hartline. 2,034,432; Mar. 17.
- Clearance mechanism, Adjustable. H. C. Heller. 2,047,167; July 7.
- Cleat and guard, Roof. J. G. Hitzman. 2,041,929; May 26.
- Climbing assembly. E. G. McKinney. 2,031,615; Feb. 25.
- Climbing-iron. J. Pfistershammer. 2,039,185; Apr. 28.
- Clinker roofing clip. H. Maddux. 2,060,739; Nov. 10.
- Clinker cooler. R. C. Newhouse. 2,055,940; Sept. 29.
- Clinker extractor. B. P. Colwill. 2,059,439; Nov. 3.
- Clinometer for a rifle. R. C. Coupland. 2,048,687; July 28.
- Clinometer for surveying diamond drill holes. A. Carlson. 2,045,842; June 23.
- Clip: See—
- Adhesive tape severing clip
- Cable clip.
- Clincher roofing clip.
- Floor clip.
- Garment clip.
- Hose clip.
- Knife securing clip.
- Locking clip.
- Nose clip.
- Paper clip.
- Price ticket clip
- Radiator cover clip.
- Resilient attaching clip.
- Slidable clip.
- Spring clip.
- Strip clip.
- Tab clip.
- Tenter clip.
- Tie plate and rail retaining clip.
- Type clip.
- Wrench clip.
- Clip. M. Levigard. 2,051,174; Aug. 18.
- Clip and handle, Wire. C. A. Stevens. 2,031,577; Feb. 18.
- Clip board. F. A. Niemann. 2,061,878; Nov. 24.
- Clip board and light, Combination. R. Kaylor and R. E. Kenney. 2,029,425; Feb. 4.
- Clip fastener for automobile radiator covers. C. J. Rennekamp. 2,047,708; July 14.
- Clip for garment hangers. E. Cohen. 2,061,023; Nov. 17.
- Clip for mounting, tube, etc. E. Q. Smith. 2,058,733; Oct. 27.
- Clip for papers, Wire. W. H. Smith. 2,056,215; Oct. 6.
- Clip for suspending films for drying. F. V. Hasselblad. 2,038,043; Apr. 21.
- Clip for tubular caps. C. E. Marshall. 2,065,010; Dec. 22.
- Clip member. C. L. Hall. 2,061,463; Nov. 17.
- Clip or the like, Paper. H. D. Randall. 2,047,129; July 7.
- Clipper and shaving clipper, Hair. M. Andis. 2,037,957; Apr. 21.
- Clipper, Graduating hair. J. Russo. 2,047,082; July 7.
- Clipper, Hair. T. Chulanovsky. 2,032,792; Mar. 3.
- Clipper, Hair. H. H. Roberts. 2,044,259; June 16.
- Clipper, Hedge and lawn. B. H. Kaplan. 2,051,862; Aug. 25.
- Clipper, Tapering hair. C. M. Havens. 2,059,454; Nov. 3.
- Clippers for superfluous hair. H. Hill and W. H. Foxall. 2,055,129; Sept. 22.
- Clipping device. I. Stein. 2,049,574; Aug. 4.
- Clock. F. R. Ayres. 2,062,491; Dec. 1.
- Clock. A. W. Fowler. 2,044,286; June 16.
- Clock. G. O. Harm. 2,065,491; Dec. 22.
- Clock. P. Lux. 2,054,677; Sept. 15.
- Clock. G. F. Mattman. 2,044,314; June 16.
- Clock, Alarm. P. Lux. 2,062,895; Dec. 1.
- Clock, Alarm. J. R. Putnam. 2,044,543; June 16.
- Clock, Alarm. J. A. Reinhardt. 2,063,884; Dec. 8.
- Clock, Alarm. R. H. Whitehead. 2,034,124; Mar. 17.
- Clock, Alarm saving. H. E. Warren. 2,036,785; Apr. 7.
- Clock and light, Combined alarm. T. A. Purvis. 2,045,798; June 30.
- Clock and time switch, Self-winding. W. Muir and H. C. Snow. 2,051,455; Aug. 18.
- Clock apparatus, Electric. S. Keilien. 2,039,084; Apr. 28.
- Clock, Apparatus for starting, stopping, and resetting electrically driven. C. S. Forsythe. 2,034,613; Mar. 17.
- Clock attachment for flat knitting machines. W. Heinitz. 2,062,224; Nov. 24.
- Clock case. R. H. Whitehead. 2,030,487; Feb. 11.
- Clock comprising a striking mechanism, Synchronous. H. Kinkhorst. 2,052,832; Sept. 1.
- Clock, Educational. J. Mandai. 2,040,322; May 12.
- Clock, Electric. C. Bateholts. 2,063,976; Dec. 15.
- Clock, Electric. J. Berti. 2,041,395; May 19.
- Clock, Electric. W. M. Brower. 2,050,827; Aug. 11.
- Clock, Electric. A. R. Nelson. 2,055,042; Sept. 22.
- Clock, Electric. R. E. Pearson, Jr., and H. F. Herman. 2,062,476; Dec. 1.
- Clock, Electric. A. F. Poole. 2,033,899; Mar. 10.
- Clock, Electric alarm. L. Hammond. 2,027,531; Jan. 14.
- Clock hands, Driving large. H. E. Warren. 2,034,498; Mar. 17.
- Clock mechanism, Alarm. I. A. Olian. 2,033,251; Mar. 10.
- Clock mechanism, Electric. R. Magro. 2,058,609; Oct. 27.
- Clock, Numeral. F. C. Almquist. 2,040,421; May 12.
- Clock, Program. C. J. Maxwell. 2,029,667; Feb. 4.
- Clock, Program. H. W. Sanford and F. H. Thomas. 2,026,998; Jan. 7.
- Clock, Program. F. H. Thomas. 2,027,006; Jan. 7.
- Clock provided with a transparent dial and an invisible mechanism. C. H. H. Rodanet. 2,060,531; Nov. 10.
- Clock, Reminder. H. H. Smith. 2,038,686; Apr. 28.
- Clock, Stop. W. Muir and H. Snow. 2,058,712; Oct. 27.
- Clock, Striking. P. A. Stephenson. 2,038,965; Apr. 28.
- Clock, Striking and chime. A. B. Campbell. 2,054,765; Sept. 15.
- Clock system, Electric. C. E. Larrabee. 2,030,455; Feb. 11.
- Clock, Universal. J. and M. De Angelis. 2,056,038; Sept. 29.
- Clocks, Corrective device for secondary. A. L. Denniston. 2,037,887; Apr. 21.
- Clocks, Method and apparatus for regulating. A. F. Poole. 2,035,759; Mar. 31.
- Closable container. D. Reid. 2,059,395; Nov. 3.
- Closing device for receptacles. A. Guiot. 2,038,489; Apr. 21.
- Closure. W. H. Armacost. 2,065,206; Dec. 22.
- Closure. W. Baker. 2,028,489-90; Jan. 21.
- Closure. J. H. Donnelly. 2,039,952; May 5.
- Closure. W. W. Eager and C. A. Tierney. 2,043,472; June 9.
- Closure. T. F. Evans. 2,050,691; Aug. 11.
- Closure. G. Goebel. 2,036,408; Apr. 7.
- Closure. C. Hoper. 2,035,234; Mar. 24.
- Closure. A. E. Jay. 2,062,417; Dec. 1.
- Closure. C. S. Loudenslager, Sr., and C. S. Loudenslager, Jr. 2,065,231; Dec. 22.
- Closure. F. R. Perkins. 2,065,243; Dec. 22.
- Closure. M. A. Pixley. 2,032,951; Mar. 3.
- Closure. M. A. Pixley. 2,039,447; May 5.
- Closure. L. Shapiro. 2,034,060; Mar. 17.
- Closure. C. E. Venter. 2,052,504; Aug. 25.
- Closure. J. M. Wheaton. 2,061,685; Nov. 24.
- Closure and gauge rod, Combined filling. F. A. Talbot. 2,029,345; Feb. 4.



- Closure and handle for bag, Combined. J. A. Farmer. 2,050,967; Aug. 11.
- Closure and manufacturing the same. C. E. McManus. 2,063,455; Dec. 8.
- Closure and shutter drive, Combined. L. E. Whittaker. 2,059,426; Nov. 3.
- Closure and strainer device. A. A. Arvintz. 2,042,921; June 2.
- Closure applying apparatus. A. I. Risser. 2,033,358; Mar. 10.
- Closure applying mechanism. A. W. Lindholm and A. C. Everett. 2,061,241; Nov. 17.
- Closure attachment for windows and the like. C. A. Wesche. 2,033,365; Mar. 10.
- Closure, Barrel. R. S. Fetter. 2,049,363; July 28.
- Closure, Bottle. J. R. Morris. 2,047,284; July 14.
- Closure, Bottle. E. Putter. 2,048,219; July 21.
- Closure cap. R. Landau. 2,050,799; Aug. 11.
- Closure cap. S. A. Love. 2,030,380; Feb. 11.
- Closure cap and package. J. C. Gibbs. 2,032,931; Mar. 3.
- Closure cap feeding device. J. A. Johnson. 2,033,988; Mar. 17.
- Closure, Collapsible tube. J. Lickwar. 2,047,693; July 14.
- Closure, Collapsible tube. H. Renicke. 2,052,798; Sept. 1.
- Closure, Collapsible tube. G. J. Walther. 2,061,124; Nov. 17.
- Closure, Detention. D. G. and D. Fries, Sr. 2,032,693; Mar. 3.
- Closure device. G. Desson, Jr. 2,030,054; Feb. 11.
- Closure device. E. E. Farley. 2,029,065; Jan. 28.
- Closure device. G. Leonard. 2,041,252; May 19.
- Closure device. H. Quittner. 2,030,609; Feb. 11.
- Closure device. O. Sims. 2,057,850; Oct. 20.
- Closure device, Telltale. C. Schoonmaker. 2,040,798; May 12.
- Closure end for containers, Forming a. A. L. Kronquest. 2,050,576; Aug. 11.
- Closure fastener. J. R. Burbridge. 2,041,396; May 19.
- Closure fastener. G. L. Parkins. 2,035,666; Mar. 31.
- Closure fastener. G. A. Wellman. 2,038,462; Apr. 21.
- Closure, Flexible metallic. O. W. Hovey. 2,042,002; May 26.
- Closure for an observation opening. H. S. Woodruff. 2,044,555; June 16.
- Closure for bottles and jars. L. R. N. Carvalho. 2,058,297; Oct. 20.
- Closure for bottles and jars. M. A. Greene and D. M. Gray. 2,030,062; Feb. 11.
- Closure for bottles and jars. A. Kohrer. 2,041,768; May 26.
- Closure for bottles and jars, Metal. D. M. Gray. 2,063,157; Dec. 8.
- Closure for bottles and like containers. S. de Faveri. 2,036,990; Apr. 7.
- Closure for bottles and other containers. W. H. Green. 2,038,040; Apr. 21.
- Closure for bottles and other containers. G. Jackson. 2,048,699; July 28.
- Closure for bottles and other containers, Nonrefillable. G. Jackson. 2,048,700; July 28.
- Closure for bottles, jars, and like containers. K. A. Robinson. 2,059,707; Nov. 3.
- Closure for bottles, jars, and similar containers. C. D. and H. Magnesen. 2,045,480; June 23.
- Closure for bottles, jars, tin cans and the like. R. Ostry. 2,042,357; May 26.
- Closure for bottles, receptacles, and the like, Dispensing. F. E. Fowler, Jr. 2,048,649; July 21.
- Closure for collapsible tubes. H. D. Davis. 2,044,837; June 23.
- Closure for collapsible tubes. W. L. Jones. 2,041,351; May 19.
- Closures for collapsible tubes. E. Koller. 2,040,091; May 12.
- Closure for collapsible tubes. A. Reisman. 2,038,130; Apr. 21.
- Closure for collapsible tubes, Hermetic. C. J. Westin. 2,028,112; Jan. 14.
- Closure for containers. D. W. Des Roches. 2,061,796; Nov. 24.
- Closure for containers. R. L. Drake. 2,029,259; Jan. 28.
- Closure for containers. G. J. Gebhardt. 2,051,138; Aug. 18.
- Closure for containers. H. P. and W. S. Lewis. 2,055,582; Sept. 29.
- Closure for containers. R. Tomita. 2,052,260; Aug. 25.
- Closure for containers. R. G. Whitlock and L. Sharp. 2,062,954; Dec. 1.
- Closure for containers. H. L. Willis. 2,051,235; Aug. 18.
- Closure for containers. R. W. Wilson. 2,053,788; Sept. 8.
- Closure for containers and making. J. E. Olson. 2,059,897; Nov. 3.
- Closure for containers and the like, Flexible. J. F. Keller. 2,030,992; Feb. 18.
- Closure for containers, Detachable. H. Jezler. 2,032,879; Mar. 3.
- Closure for containers, Locking. H. E. Shoop. 2,037,347; Apr. 14.
- Closure for conveyers, Safety outlet. W. B. McBurney. 2,031,116; Feb. 18.
- Closure for detention window-guard assemblies. W. D. Bayley. 2,064,334; Dec. 15.
- Closure for dry cells. P. Drummond. 2,060,799; Nov. 17.
- Closure for meat grinders or the like. G. F. Butler. 2,034,084; Mar. 17.
- Closure for metallic containers and the like. P. H. Schmitz and J. W. Bentley. 2,035,198; Mar. 24.
- Closure for packing vessels. W. P. White. 2,051,976; Aug. 25.
- Closure for paper ice cream packing containers and the like. E. W. Barnard and S. N. Leopold. 2,053,688; Sept. 8.
- Closure for paste tubes. C. H. Georger. 2,055,819; Sept. 29.
- Closure for receptacles. E. Smith. 2,034,007; Mar. 17.
- Closure for receptacles containing pourable substances, Sanitary. R. E. Deschner. 2,056,170-1; Oct. 6.
- Closure for tile blocks, End. G. B. Kissinger. 2,045,033; June 23.
- Closure for water pumps, Vent. H. Uttech. 2,054,209; Sept. 15.
- Closure lock. E. C. de Werff. 2,035,596; Mar. 31.
- Closure means for stock cars. K. J. Tobin. 2,045,168; June 23.
- Closure member for fill openings. O. N. Gredell. 2,031,885; Feb. 25.
- Closure member for valves, Demountable. R. E. Joyce. 2,059,111; Oct. 27.
- Closure, Non-refillable bottle. S. Herzog. 2,064,002; Dec. 15.
- Closure on a collapsible tube, Forming a. C. J. Westin. 2,053,015; Sept. 1.
- Closure operating device. M. C. Bersted. 2,064,809-10; Dec. 22.
- Closure operating device, Automatic. J. A. Earhuff and W. Odenthal. 2,056,174; Oct. 6.
- Closure operator. E. F. Arndt. 2,046,441; July 7.
- Closure operator. F. A. Purdy. 2,062,015; Nov. 24.
- Closure operator. T. E. Robinson. 2,034,445; Mar. 17.
- Closure plug. H. T. Kraft. 2,036,875; Apr. 7.
- Closure plug. L. J. Sander. 2,046,700; July 7.
- Closure, Port hole. J. W. Conran. 2,052,384; Aug. 25.
- Closure, Sheet metal receptacle. A. L. Merolle. 2,047,281; July 14.
- Closures, Apparatus for manufacturing metal. B. J. Huntsman. 2,045,602; June 30.
- Closures, Apparatus for the manufacture of metal. L. R. N. Carvalho. 2,045,121; June 23.
- Closures for orifices, Rotary. L. and J. Eirich. 2,056,603; Oct. 6.
- Closures, Method and apparatus for forming container. G. Meyer-Jagenberg. 2,061,967; Nov. 24.
- Closures of electrical devices, Sealing. H. J. Blakeslee. 2,047,936; July 21.
- Closures to containers, Method of and apparatus for applying. H. F. Glunz. 2,042,304; May 26.
- Cloth and manufacturing same, Stitched. B. Bratman. 2,045,630; June 30.
- Cloth and producing same, Cleaning. J. W. Colleran. 2,051,435; Aug. 18.
- Cloth, Apparatus for preshrinking. H. A. Woodhead. 2,040,454; May 12.
- Cloth board. E. F. King. 2,028,396; Jan. 21.
- Cloth cutting machine. M. Greenbaum. 2,060,197; Nov. 10.
- Cloth cutting machine. K. Reichert, Jr. 2,049,823; Aug. 4.
- Cloth cutting machine. M. Zawistowski. 2,031,626; Feb. 25.
- Cloth, Decorating. H. C. Rathke. 2,036,160; Mar. 31.
- Cloth display measuring and cutting device. C. E. Walter. 2,043,133; June 2.
- Cloth drilling machine. J. Vigliano. 2,030,280; Feb. 11.
- Cloth feeder. W. Bölter. 2,052,599; Sept. 1.
- Cloth finishing. S. L. Cluett. 2,037,676; Apr. 14.
- Cloth finishing machine. C. G. Richardson. 2,049,023; July 28.
- Cloth guider. H. E. Lovell. 2,047,212; July 14.
- Cloth, Lapping. J. C. Standish. 2,041,976; May 26.
- Cloth, Milanese. E. R. Meinig. 2,030,459; Feb. 11.
- Cloth, Pot. R. L. Hartwell. 2,026,632; Jan. 7.
- Cloth rolling machine. H. M. Bunker, G. S. Wheelwright, and F. P. Majoros. 2,036,017; Mar. 31.
- Cloth shearing machine. C. H. Coolidge and E. H. Marble. 2,040,294-5; May 12.
- Cloth stretching apparatus. F. Kornichuk. 2,053,669; Sept. 8.
- Cloth tentering machine. C. H. Weber. 2,065,914; Dec. 29.
- Cloth washer. H. F. Schmidt. 2,062,943; Dec. 1.
- Cloth, Wire. L. N. Weber. 2,062,773; Dec. 1.
- Clothes, Apparatus for laundering. J. N. White. 2,040,417; May 12.
- Clothes, Apparatus for washing. J. C. Nelson. 2,034,527; Mar. 17.
- Clothes, Apparatus for washing. J. C. Nelson. 2,034,630-1; Mar. 17.
- Clothes drier. F. Bode. 2,061,499; Nov. 17.
- Clothes drier. L. Feldman. 2,047,680; July 14.
- Clothes drier. C. H. Schultze. 2,032,891; Mar. 3.
- Clothes drying apparatus. M. F. Huebsch and P. M. Pearson. 2,048,743-4; July 28.
- Clothes hanger. J. L. Baum. 2,032,246; Feb. 25.
- Clothes hanger. K. H. A. B. Biltz. 2,054,371; Sept. 15.
- Clothes hanger. H. De Waide. 2,052,085; Aug. 25.
- Clothes hanger. M. K. Farley. 2,061,303; Nov. 17.
- Clothes hanger. F. Ferrarelli. 2,051,552; Aug. 18.
- Clothes hanger. A. I. Israelson. 2,061,704; Nov. 24.



Clothes hanging supporting device. S. Lefkowitz. 2,050,616; Aug. 11.  
 Clothesline. C. Edwards. 2,059,093; Oct. 27.  
 Clothesline. W. Pauli. 2,056,481; Oct. 6.  
 Clothesline adjuster. E. S. Cooper. 2,051,330; Aug. 18.  
 Clothesline clamp lock. J. McCormich. 2,060,628; Nov. 10.  
 Clothesline fastener. F. Kramer. 2,036,338; Apr. 7.  
 Clothesline reel. E. E. Black. 2,053,458; Sept. 8.  
 Clothesline reel. G. H. Hurley. 2,044,073; June 16.  
 Clothesline reel and pin holder, Combination. J. S. Coombs. 2,038,478; Apr. 21.  
 Clothesline retainer. J. J. Sloan. 2,043,716; June 9.  
 Clothesline tightener. F. P. Showers. 2,048,300; July 21.  
 Clothespin. F. J. Fennell. 2,038,651; Apr. 28.  
 Clothespin. M. Pado. 2,043,553; June 9.  
 Clothespin. Non-breakable. T. David. 2,064,591; Dec. 15.  
 Clothespin, Steel wire. W. A. McFarlane. 2,064,212; Dec. 15.  
 Clothespole. E. F. Chambless. 2,031,460-1; Feb. 18.  
 Clothespole or clothesline prop. G. G. Peterson. 2,058,349; Oct. 20.  
 Clothes rinsing and drying apparatus. A. C. Schmelzer. 2,052,666; Sept. 1.  
 Clothes tree. W. Sihler. 2,054,007; Sept. 8.  
 Clothes washer mechanism. W. A. Frantz and J. J. McCabe. 2,046,258; June 30.  
 Clothes washing machine. H. B. Failing. 2,056,803; Oct. 6.  
 Clothes washing machine. J. B. Kirby. 2,046,901; July 7.  
 Clothes washing machine. N. H. Watts. 2,032,238; Feb. 25.  
 Clothing. H. Weisman. 2,032,031; Feb. 25.  
 Clothing container. A. Stone. 2,030,661; Feb. 11.  
 Clutch: See—  
     Automatic clutch. Motor vehicle clutch.  
     Automatic gradual Multiple-acting over-run-  
     clutch. ning clutch.  
     Centrifugal clutch. One-way clutch.  
     Disk clutch. Overrunning clutch.  
     Elastic clutch. Power-operated clutch.  
     Electromagnetic clutch. Power transmission clutch.  
     Expanding clutch. Reactance clutch.  
     Friction clutch. Roller clutch.  
     Hydraulic clutch. Spring clutch.  
     Ironing machine clutch. Synchronizing clutch.  
     Magnetic clutch. Windshield wiper control  
     Mechanical clutch. clutch.

Clutch. L. P. Crossman. 2,036,400; Apr. 7.  
 Clutch. D. J. Dolan. 2,050,426; Aug. 11.  
 Clutch. C. M. Eason. 2,059,935; Nov. 3.  
 Clutch. G. W. Emrick. 2,045,452; June 23.  
 Clutch. E. R. Fausset. 2,060,562; Nov. 10.  
 Clutch. M. J. Galvin and V. Fenner. 2,063,426; Dec. 8.  
 Clutch. P. E. Geldhof. 2,056,666; Oct. 6.  
 Clutch. G. I. Goodwin. 2,028,389; Jan. 21.  
 Clutch. G. I. Goodwin. 2,058,863; Oct. 27.  
 Clutch. W. W. Harris. 2,031,311; Feb. 18.  
 Clutch. A. G. Herreshoff. 2,034,757; Mar. 24.  
 Clutch. C. H. Howland-Shearman. 2,039,846; May 5.  
 Clutch. F. J. Lapointe. 2,027,486; Jan. 14.  
 Clutch. F. W. Le Porin. 2,036,586; Apr. 7.  
 Clutch. E. R. Maurer. 2,055,300; Sept. 22.  
 Clutch. A. J. Mottlau. 2,055,239; Sept. 22.  
 Clutch. F. E. Munschauer. 2,057,905; Oct. 20.  
 Clutch. H. W. Nieman and G. B. Linderman, Jr. 2,032,066; Feb. 25.  
 Clutch. O. W. Partain. 2,041,948; May 26.  
 Clutch. W. J. Pearmain. 2,060,379; Nov. 10.  
 Clutch. W. J. Pearmain. 2,060,773; Nov. 10.  
 Clutch. C. H. Richards. 2,065,244; Dec. 22.  
 Clutch. B. T. Sebire. 2,053,376; Sept. 8.  
 Clutch. C. B. Spase. 2,064,450; Dec. 15.  
 Clutch. C. B. Spase. 2,064,499; Dec. 15.  
 Clutch. J. W. Tatter. 2,040,034; May 5.  
 Clutch. J. W. Tatter. 2,057,802-3; Oct. 20.  
 Clutch. J. W. Tatter. 2,061,093; Nov. 17.  
 Clutch. J. T. Trumble. 2,056,059; Sept. 29.  
 Clutch. T. B. Tyler. 2,052,429; Aug. 25.  
 Clutch. E. E. Wemp. 2,038,016; Apr. 21.  
 Clutch. E. E. Wemp. 2,059,158; Oct. 27.  
 Clutch. O. Zancan. 2,050,910; Aug. 11.  
 Clutch actuator. T. B. Tyler. 2,043,785; June 9.  
 Clutch and brake, Hydraulic. F. E. Staats. 2,038,613; Apr. 28.  
 Clutch and brake controlling device. H. Ford. 2,057,774; Oct. 20.  
 Clutch and brake device for motor vehicles. K. Maybach. 2,065,980; Dec. 29.  
 Clutch and brake mechanism. G. F. Yager. 2,055,887; Sept. 29.  
 Clutch and brake operating mechanism. J. H. French, Jr. 2,037,321; Apr. 14.  
 Clutch and brake operating mechanism. E. H. Schweering. 2,032,504; Mar. 8.  
 Clutch and brake operator. R. S. Sanford. 2,051,906; Aug. 25.  
 Clutch and control means therefor, Overrunning. J. W. Hobbs. 2,063,379; Dec. 8.  
 Clutch and control mechanism therefor. J. W. Racklyeft. 2,053,580; Sept. 8.  
 Clutch and hydraulic control means therefor, Power transmission. H. M. Rockwell. 2,060,691; Nov. 10.

Clutch and switch for electric motors. J. S. Hoddy. 2,054,479; Sept. 15.  
 Clutch and transmission mechanism, Combined hydraulic. A. G. Wittstock. 2,048,585; July 21.  
 Clutch centralizing tool, Universal. R. J. Oertel. 2,046,774; July 7.  
 Clutch collar. W. M. Kieffer. 2,046,916; July 7.  
 Clutch construction. R. C. Russell. 2,043,812; June 9.  
 Clutch construction. C. B. Spase. 2,064,500; Dec. 15.  
 Clutch construction. E. V. J. Tower. 2,065,631; Dec. 29.  
 Clutch control. S. F. Hunt. 2,060,870; Nov. 17.  
 Clutch control. V. W. Kliesrath. 2,042,717; June 2.  
 Clutch control. G. E. Parker. 2,061,006; Nov. 17.  
 Clutch control. E. E. Wemp. 2,043,314; June 9.  
 Clutch control, Automatic. H. F. Elliott. 2,028,198; Jan. 21.  
 Clutch control, Automatic. H. L. Pike. 2,064,563; Dec. 15.  
 Clutch control, Automobile. McK. Palmer. 2,050,729; Aug. 11.  
 Clutch control device. T. B. Tyler. 2,052,428; Aug. 25.  
 Clutch control device for motor vehicles. E. G. Hill. 2,049,739; Aug. 4.  
 Clutch control device for motor vehicles. E. G. Hill and H. W. Hey. 2,049,737-8; Aug. 4.  
 Clutch control for motor vehicles. L. Saives. 2,033,590; Mar. 10.  
 Clutch control means. T. B. Tyler. 2,061,990; Nov. 24.  
 Clutch control mechanism. P. R. Follis. 2,033,572; Mar. 10.  
 Clutch control mechanism. A. Gmeinder. 2,061,701; Nov. 24.  
 Clutch control mechanism. V. W. Kliesrath. 2,027,827; Jan. 14.  
 Clutch control mechanism. V. W. Kliesrath. 2,031,716; Feb. 25.  
 Clutch control mechanism. V. W. Kliesrath. 2,041,475; May 19.  
 Clutch control mechanism. H. W. Price and V. W. Kliesrath. 2,051,894; Aug. 25.  
 Clutch control mechanism. H. W. Price and E. R. Price. 2,051,893; Aug. 25.  
 Clutch control mechanism. H. W. and E. R. Price. 2,057,740; Oct. 20.  
 Clutch control mechanism. H. W. Price and E. R. Price. 2,061,590; Nov. 24.  
 Clutch control mechanism. R. S. Sanford. 2,051,905; Aug. 25.  
 Clutch control mechanism. R. S. Sanford. 2,055,505; Sept. 29.  
 Clutch control mechanism. R. S. Trott. 2,040,035; May 5.  
 Clutch control mechanism. E. E. Wemp. 2,036,004; Mar. 31.  
 Clutch control system for motor vehicles. L. G. Hartdorn. 2,058,445; Oct. 27.  
 Clutch controlling mechanism. S. G. Baits. 2,058,550; Oct. 27.  
 Clutch controlling mechanism, Automatic. R. Suczek. 2,027,070; Jan. 7.  
 Clutch device adapted for spray guns. S. Johnson. 2,037,240; Apr. 14.  
 Clutch device, Multiple. J. de Backer. 2,057,559; Oct. 13.  
 Clutch disk. C. H. Drude. 2,058,575; Oct. 27.  
 Clutch disks, Making. R. H. Whisler and A. J. Nicholas. 2,054,872; Sept. 22.  
 Clutch driven plate. W. H. Manning. 2,053,622; Sept. 8.  
 Clutch elements, Making friction. G. W. Emrick. 2,045,453; June 23.  
 Clutch engagement, Accelerating. T. B. Tyler. 2,043,786; June 9.  
 Clutch-facing. G. Walters. 2,028,031; Jan. 14.  
 Clutch facing and making the same. J. A. Lunn. 2,058,701; Oct. 27.  
 Clutch for refrigerating apparatus. F. O. Graham. 2,050,836; Aug. 11.  
 Clutch for transmissions. T. B. Tyler. 2,052,430; Aug. 25.  
 Clutch lock. P. Yannetta. 2,062,628; Dec. 1.  
 Clutch mechanism. J. O. Almen and A. Laszlo. 2,045,557; June 23.  
 Clutch mechanism. O. H. Banker. 2,042,454; June 2.  
 Clutch mechanism. E. S. Bush. 2,053,020; Sept. 1.  
 Clutch mechanism. E. J. Carleton. 2,060,175; Nov. 10.  
 Clutch mechanism. M. G. Giordano. 2,045,131; June 23.  
 Clutch mechanism. G. S. Lane. 2,026,945; Jan. 7.  
 Clutch mechanism. G. S. Lane. 2,047,737; July 14.  
 Clutch mechanism. R. P. Lansing. 2,047,077; July 7.  
 Clutch mechanism. D. L. Lotts. 2,028,876; Jan. 28.  
 Clutch mechanism. R. M. Nardone. 2,061,167; Nov. 17.  
 Clutch mechanism. W. J. Pearmain. 2,052,650; Sept. 1.  
 Clutch mechanism. K. Pfeiffer. 2,029,187; Jan. 28.  
 Clutch mechanism. R. S. Sanford. 2,057,744; Oct. 20.  
 Clutch mechanism. H. D. Waterhouse. 2,027,941; Jan. 14.  
 Clutch mechanism. G. F. Yager and O. J. Heath. 2,043,568; June 9.  
 Clutch mechanism, Automatic belt driven. C. McPherson. 2,064,075; Dec. 15.  
 Clutch mechanism, Frictional and positive. L. Hladik. 2,065,224; Dec. 22.  
 Clutch mechanism. Synchronizing. R. Beringer. 2,060,971; Nov. 16.  
 Clutch mechanism for transmissions. T. B. Tyler. 2,028,028; Jan. 14.



- Clutch mechanism for transmissions. T. B. Tyler. 2,043,784; June 9.
- Clutch mechanism, Power lift. J. Schaeffer. 2,029,127; Jan. 28.
- Clutch mechanism, Selectively controlled multiple. H. J. Murray. 2,050,016; Aug. 4.
- Clutch member, Friction. G. E. Pope. 2,035,916; Mar. 31.
- Clutch operating apparatus, Carburetor controlled. H. J. De N. McCollum. 2,054,634; Sept. 15.
- Clutch operating device for motor vehicles. E. G. Hill. 2,049,736; Aug. 4.
- Clutch operating device for motor vehicles. E. G. Hill, Jr. 2,058,313; Oct. 20.
- Clutch operating means. R. P. Lansing. 2,027,832; Jan. 14.
- Clutch operating mechanism. R. Beringer. 2,038,981; Apr. 28.
- Clutch operating mechanism. F. Linder. 2,038,182; Apr. 21.
- Clutch operating mechanism for presses. E. F. Bonser. 2,033,224; Mar. 10.
- Clutch operating mechanism, Friction. D. J. McNeil. 2,055,258; Sept. 22.
- Clutch operating mechanism, Hydraulic. W. Ferris and E. C. Wollaege. 2,060,293; Nov. 10.
- Clutch operator for windshield wipers. C. J. Lauer. 2,046,171; June 30.
- Clutch or brake mechanism. E. W. Kellogg. 2,050,613; Aug. 11.
- Clutch plate. H. Nutt. 2,027,650; Jan. 14.
- Clutch plate. H. V. Reed. 2,028,951; Jan. 28.
- Clutch plate. H. V. Reed. 2,029,339; Feb. 4.
- Clutch plate. I. Saks. 2,037,928; Apr. 21.
- Clutch plate. C. B. Spase. 2,053,849; Sept. 8.
- Clutch plate. A. Weisenburg. 2,054,210; Sept. 15.
- Clutch release for portable electric wrenches. A. G. Decker. 2,028,441; Jan. 21.
- Clutch spring. C. Drexler. 2,055,068; Sept. 22.
- Clutch spring. W. C. Starkey. 2,030,333; Feb. 11.
- Clutch structure. R. C. Russell. 2,057,742; Oct. 20.
- Clutch structure. C. C. Weisbrod. 2,027,659; Jan. 14.
- Clutch structure. E. E. Wemp. 2,036,005; Mar. 31.
- Clutch structure. E. E. Wemp. 2,038,017; Apr. 21.
- Clutch system for motor vehicles, Automatic. C. L. Hopkins. 2,055,255; Sept. 22.
- Clutch testing and rebuilding device. C. B. Spase. 2,044,818; June 23.
- Clutch testing device. C. B. Spase. 2,059,407; Nov. 3.
- Clutch throw-out bearing. R. L. Seabury and L. W. Murray. 2,035,988; Mar. 31.
- Clutch transmission mechanism, Selectively controlled torque actuated. H. J. Murray. 2,061,288; Nov. 17.
- Clutch transmitting disk. E. V. J. Tower. 2,029,515; Feb. 4.
- Clutching device. E. J. Tenny. 2,043,563; June 9.
- Coach latch. A. C. Andersen and B. H. Bowlus. 2,039,873; May 5.
- Coal and the like, Apparatus for washing. L. W. Needham. 2,058,713; Oct. 27.
- Coal and the like, Separation of. K. C. Appleyard and A. Flint. 2,065,205; Dec. 22.
- Coal, Apparatus for mining. J. F. Joy. 2,062,656; Dec. 1.
- Coal bag. C. Y. Booth. 2,047,095; July 7.
- Coal burner. A. Adrianoff. 2,031,199; Feb. 18.
- Coal burner. E. C. Lillie. 2,051,560; Aug. 18.
- Coal cleaner, Pneumatic. A. G. Oppy. 2,061,142; Nov. 24.
- Coal cleaning apparatus. M. E. Haworth. 2,028,834; Jan. 28.
- Coal cleaning apparatus. M. E. Haworth. 2,028,904; Jan. 28.
- Coal, Coking. O. A. Higgins. 2,057,486; Oct. 13.
- Coal, Coking. C. Otto. 2,065,288; Dec. 22.
- Coal constituents for coking. F. F. Marquard. 2,049,814; Aug. 4.
- Coal-cutting and like machine. J. B. Mavor. 2,053,727; Sept. 8.
- Coal cutting apparatus. C. F. Osgood. 2,049,171; July 28.
- Coal-cutting machine. R. F. Pescod, H. R. Hornsby, and G. W. N. Harrison. 2,026,702; Jan. 7.
- Coal, Distilling. G. A. Berry and A. P. Beardsley. 2,030,852; Feb. 18.
- Coal-dust furnace. W. Bredtschneider. 2,055,331; Sept. 22.
- Coal flotation process. P. M. Frantz. 2,028,742; Jan. 28.
- Coal, Method of and apparatus for scouring. T. M. Dodson. 2,048,923; July 28.
- Coal mining. C. Scholz. 2,063,761; Dec. 8.
- Coal mining machine. J. F. Joy. 2,062,655; Dec. 1.
- Coal mining machine. J. F. Joy. 2,062,657; Dec. 1.
- Coal or the like, Purifying. R. Peale, Jr. 2,038,126; Apr. 21.
- Coal, ore, grain, and similar materials, Treating. E. O'Toole. 2,044,628; June 16.
- Coal sampler, Automatic. W. P. Reuter. 2,033,549; Mar. 10.
- Coal separator. F. C. Wright, Jr. 2,058,374; Oct. 20.
- Coal tar distillates and preparing the same. A. W. Ralston. 2,033,547; Mar. 10.
- Coal, tars, mineral oils, and the like, Procedure for the hydrogenizing and/or splitting of. W. Rittmeister. 2,029,895; Feb. 4.
- Coal, Treatment for improving bituminous. J. C. Nelms. 2,059,388; Nov. 3.
- Coal washing machine. G. A. Vissac. 2,055,161; Sept. 22.
- Coaster device. R. Lapsley. 2,054,222; Sept. 15.
- Coaster, Gravity. R. R. Miller. 2,048,215; July 21.
- Coat. B. C. Hillson. 2,056,788; Oct. 6.
- Coat and sleeve. H. C. D'Annunzio. 2,047,620; July 14.
- Coat construction. F. J. DiBiase. 2,030,431; Feb. 11.
- Coat front pad. D. Bersin. 2,045,827; June 30.
- Coated article. J. Fletcher. 2,047,957; July 21.
- Coated article and composition therefor. E. R. Bush. 2,044,770; June 23.
- Coated article and making the same, Granular. J. B. Aust. 2,050,992; Aug. 11.
- Coated fabric. A. M. Alvarado and H. J. Barrett. 2,065,881; Dec. 29.
- Coated fabric. A. M. Alvarado, R. B. Flint and L. P. Hubbuch. 2,061,127; Nov. 17.
- Coated fabric. C. B. Hill. 2,059,792; Nov. 3.
- Coated materials and producing same. J. C. Siemann. 2,042,638; June 2.
- Coated object and making the same. E. H. Trussell. 2,065,769; Dec. 29.
- Coated web and making same, Granular. R. C. Benner, R. L. Melton and H. P. Kirchner. 2,035,521; Mar. 31.
- Coated welding rod. R. S. Johnston. 2,062,457; Dec. 1.
- Coating. G. S. Hiers. 2,041,712; May 26.
- Coating. J. D. Murray. 2,038,751; Apr. 28.
- Coating and apparatus therefor and product, Method of. E. L. Schacht. 2,027,307; Jan. 7.
- Coating apparatus. J. J. Boax and J. A. Miller. 2,050,036; Aug. 4.
- Coating apparatus. R. L. Melton and R. C. Benner. 2,033,991; Mar. 17.
- Coating apparatus. D. A. Scarnegie. 2,051,154; Aug. 18.
- Coating applying machine. W. L. MacKenzie. 2,046,421; July 7.
- Coating applying machine. W. L. MacKenzie. 2,064,932; Dec. 22.
- Coating composition. E. D. Flood and J. A. Hannum. 2,027,095; Jan. 7.
- Coating composition. E. W. Gardner, H. Roden, and D. H. Felder. 2,045,906; June 30.
- Coating composition. E. W. Reid. 2,052,658; Sept. 1.
- Coating composition. P. Theel. 2,045,932; June 30.
- Coating composition. C. A. Thomas. 2,039,366; May 5.
- Coating composition. M. G. Thomson. 2,057,600; Oct. 13.
- Coating composition and its preparation. M. O. Schur. 2,060,129; Nov. 10.
- Coating composition and method of applying. L. E. Munz. 2,030,709; Feb. 11.
- Coating composition and preparing the same, Protective. R. M. Freyberg. 2,052,393; Aug. 25.
- Coating composition, Cellulose derivative. R. T. Hucks. 2,064,608; Dec. 15.
- Coating composition for dental models. O. T. Birdleough and G. E. Luce. 2,057,289; Oct. 13.
- Coating composition for wire and process. E. H. Converse. 2,059,441; Nov. 3.
- Coating compositions. H. S. Holt. 2,059,948; Nov. 3.
- Coating compositions and their production. P. Friedrich. 2,027,686; Jan. 14.
- Coating compositions, Manufacture of. R. T. Hucks. 2,052,470; Aug. 25.
- Coating, Corrosion resisting. C. E. Heussner. 2,041,545; May 19.
- Coating device. C. W. Fuller. 2,034,755; Mar. 24.
- Coating device, Double and single. F. P. Carlson. 2,038,642; Apr. 28.
- Coating for cathodes and preparing the same, Emissive. S. Hamada and K. Nomura. 2,049,372; July 28.
- Coating for concrete. A. Hartvedt. 2,048,932; July 28.
- Coating for pencil cores, Protective. G. Wagner. 2,062,074; Nov. 24.
- Coating, Lubricating and protective. R. Gillis. 2,038,215; Apr. 21.
- Coating machine. J. B. Hadaway. 2,038,561; Apr. 28.
- Coating machine. W. L. MacKenzie. 2,045,715; June 30.
- Coating material, Protective. C. A. Thomas. 2,039,365; May 5.
- Coating materials, Method and apparatus for determining flowability of. F. W. Yeager. 2,038,622; Apr. 28.
- Coating of metallic refrigerator parts. W. Boone and L. M. Crosley. 2,057,762; Oct. 20.
- Coating of surfaces and in the manufacture of coated or compound materials. G. Smith. 2,037,398; Apr. 14.
- Coating on aluminum and noncuprous alloys thereof, Production of protective. E. C. King. 2,066,180-1; Dec. 29.
- Coatings on a cellulose ester base, Producing metallic. E. Freund. 2,063,034; Dec. 8.
- Coating process. J. P. Ward. 2,061,338; Nov. 17.
- Coating process and coated article. C. A. Hochwalt and H. J. Reboulet. 2,056,399; Oct. 6.
- Coating, Process of. C. Dreyfus. 2,057,671; Oct. 20.
- Coating, Protective. C. A. Thomas and C. A. Hochwalt. 2,039,364; May 5.
- Coating, Temporary protective. R. W. Albright and A. Szegvari. 2,050,239; Aug. 11.
- Coating, Temporary protective. G. W. Howlett and W. E. Hall. 2,046,747; July 7.
- Coating, Welding rod. P. C. Lemmerman. 2,031,494; Feb. 18.



- Coatings on aluminum and aluminum alloys, Production of firmly adhering galvanic. J. Fischer. 2,036,962; Apr. 7.
- Cobalt, Production of. F. L. Bosqui. 2,045,212; June 23.
- Cobalt-Tungsten alloys. W. P. Sykes. 2,050,865; Aug. 11.
- Cobalt-tungsten-chromium alloys, Treating. W. Köster. 2,027,780; Jan. 14.
- Cock, Angle. S. McKnight. 2,027,871; Jan. 14.
- Cock device, Trip. C. C. Farmer. 2,055,122; Sept. 22.
- Cock device, Trip. C. D. Stewart. 2,028,726; Jan. 21.
- Cock, Gas. J. T. Marvin. 2,043,971; June 9.
- Cock, Gas. T. H. Roberts. 2,035,762; Mar. 31.
- Cock. High pressure safety gauge. C. G. Shepherd. 2,029,202; Jan. 28.
- Cock lock, Automatic. J. F. Rose. 2,048,353; July 21.
- Cock, Lubricated. C. A. Dopp and R. Fennema. 2,039,523; May 5.
- Cock or valve. H. Kuehling. 2,027,108; Jan. 7.
- Cock, Stop. H. H. Robinson and T. C. Plath. 2,038,132; Apr. 21.
- Cock, Valve. R. A. Light and J. W. Price, Jr. 2,032,425; Mar. 3.
- Cock with rotary continuous distributor for machines to fill bottles with liquid under pressure. A. Gély. 2,045,077; June 23.
- Cocking device for automatic firearms having a sliding barrel and a bolted breech. K. Kehne. 2,056,577; Oct. 6.
- Cocks and valves, Operating and lubricating means for. C. H. Beckwith. 2,055,449; Sept. 22.
- Cocoa beans, Opening up. A. Diefenbach. 2,064,524; Dec. 15.
- Cocoa beans, Treating. A. Laessig. 2,060,581; Nov. 10.
- Cocoon paring machine. S. L. Casella. 2,044,418; June 16.
- Coconut oil base material package. C. E. Smith. 2,044,596; June 16.
- Coconut shell, Treating. P. T. Wright. 2,062,853; Dec. 1.
- Code call apparatus. B. H. Smith. 2,032,671; Mar. 3.
- Code call system. H. F. Obergfell and E. S. Peterson. 2,043,673; June 9.
- Code calling system. P. C. Smith. 2,042,869; June 2.
- Code receiver, Selective. H. E. Hershey. 2,040,691; May 12.
- Code writing machine. H. Kämmer. 2,044,530; June 16.
- Coding and decoding, Apparatus for. M. C. M. O'Brien. 2,046,276; June 30.
- Coffee, almonds, cocoa beans, peanuts, etc., Apparatus and process for cooling roasted. L. K. Watrous. 2,045,319; June 23.
- Coffee, Apparatus for making. E. J. Merkle. 2,064,214; Dec. 15.
- Coffee beans, Treating. W. F. Hoffman. 2,045,854; June 30.
- Coffee container. M. Mostkoff. 2,032,763; Mar. 3.
- Coffee, Feeding of. T. B. Mönliche. 2,035,139; Mar. 24.
- Coffee filter. O. Voigt. 2,061,119; Nov. 17.
- Coffee for roasting, Method for preparing green. F. Falla. 2,045,591; June 30.
- Coffee infusions more digestible, Making. H. Merkel. 2,036,345; Apr. 7.
- Coffee maker. W. C. Coleman. 2,047,134; July 7.
- Coffee maker. H. Frank. 2,032,317; Feb. 25.
- Coffee maker. F. F. Forshee. 2,050,303; Aug. 11.
- Coffee maker. A. F. Larsen. 2,053,004; Sept. 1.
- Coffee maker. F. E. Wolcott. 2,028,033; Jan. 14.
- Coffee maker and filter. C. D. Keaton. 2,027,826; Jan. 14.
- Coffee maker, Automatic. J. E. Smith. 2,029,596; Feb. 4.
- Coffee maker, Glass. H. F. Umstott. 2,053,451; Sept. 8.
- Coffee maker, Nonboiling automatic. C. Gomes. 2,036,933; Apr. 7.
- Coffee making apparatus, Vacuum. J. Masin and I. D. Richheimer. 2,038,119; Apr. 21.
- Coffee making device. W. C. Coleman. 2,047,172; July 14.
- Coffee making device. H. B. Flood. 2,027,272; Jan. 7.
- Coffee, Making stabilized. L. M. Rogers. 2,062,109; Nov. 24.
- Coffee, Packaging. A. G. Hopkins. 2,027,342; Jan. 7.
- Coffeepot. F. Pfeiffer, Sr. 2,034,956; Mar. 24.
- Coffee, Preparing. H. C. Gore, Q. Landis, and C. N. Frey. 2,046,158; June 30.
- Coffee tablet and preparing same, Compressed. J. M. Piacentini. 2,053,106; Sept. 1.
- Coffee, Treating. H. P. Andresen. 2,054,689; Sept. 15.
- Coffee, Treating. D. P. Moore. 2,037,037; Apr. 14.
- Coffee, Treating. H. K. Wilder. 2,027,801; Jan. 14.
- Coffee, Treating and roasting. G. L. N. Meyer. 2,043,443; June 9.
- Coffer, Burglarproof. C. Stengel. 2,043,126; June 2.
- Cofferdam and pier fender construction method, Combined. J. B. Strauss. 2,043,452; June 9.
- Cofferdams, Method and apparatus for constructing. J. C. Meem. 2,063,514; Dec. 8.
- Coil and distributor, Ignition. M. Mallory. 2,057,240; Oct. 13.
- Coil cleaner. W. M. Marker. 2,034,195; Mar. 17.
- Coil cleansing device, Beer. M. Wolf. 2,047,539; July 14.
- Coil friction device, Multiple. O. R. Wikander. 2,043,566; June 9.
- Coil handling apparatus. W. W. McBane. 2,059,703; Nov. 3.
- Coil, Heat transfer. T. N. Hubbuch and W. G. O'Toole. 2,039,593; May 5.
- Coil, High frequency. H. Vogt. 2,064,771; Dec. 15.
- Coil, High tension electrical. J. A. Lewellyn. 2,058,088; Oct. 20.
- Coil, Induction. P. Piffath. 2,062,014; Nov. 24.
- Coil lead staking device. L. E. Poole. 2,056,534; Oct. 6.
- Coil, Multifeed. G. M. Kleucker. 2,060,995; Nov. 17.
- Coil, Refrigerating. R. Markley, Jr. 2,056,862; Oct. 6.
- Coil, Submarine cable loading. O. E. Buckley. 2,043,346; June 9.
- Coil tuning system, Grounding. J. Kopeliowitsch. 2,040,697; May 12.
- Coil, Variable. H. N. Bliss. 2,037,061; Apr. 14.
- Coil winder, Concentric field. P. Robbins. 2,046,883; July 7.
- Coil winding machine. C. A. Bieling and C. D. Richard. 2,064,287; Dec. 15.
- Coil winding machine. H. H. Eaton. 2,034,673; Mar. 17.
- Coil winding machine. R. J. Emmert, L. C. Goad, R. W. Baker, L. C. Shippy, J. Q. Holmes, A. W. Phelps, and C. E. Birch. 2,054,696; Sept. 15.
- Coil winding machine. R. Hofstetter. 2,030,988; Feb. 18.
- Coil winding machine. R. Hofstetter and J. W. Sager. 2,030,989; Feb. 18.
- Coil winding machine. L. E. Poole. 2,030,764; Feb. 11.
- Coil with adjustable inductance value, High-frequency. H. Vogt. 2,064,772; Dec. 15.
- Coiling strip. E. T. Lorig. 2,040,775; May 12.
- Coils, Making edgewise wound resistance. J. F. Frese. 2,061,516; Nov. 17.
- Coils, Method and apparatus for making. P. W. Lehman and G. F. Wickle. 2,049,587; Aug. 4.
- Coils, Packaging. E. I. Burke. 2,065,649; Dec. 29.
- Coin and token separator. W. A. Tratsch and B. C. Grunig. 2,053,503; Sept. 8.
- Coin assorting and selecting mechanism. J. Gottfried. 2,064,425; Dec. 15.
- Coin collecting apparatus. O. N. Giertsen. 2,038,279; Apr. 21.
- Coin collecting apparatus. W. H. Harvey. 2,028,210; Jan. 21.
- Coin collecting apparatus. C. H. Wheeler. 2,064,280; Dec. 15.
- Coin collecting device. C. H. Wheeler. 2,032,517; Mar. 5.
- Coin collecting mechanism base. G. A. Long. 2,040,792; May 12.
- Coin collecting system, Pay station. R. D. Collins, W. M. Reid, and S. E. Bourne. 2,039,519; May 5.
- Coin collector. J. F. House. 2,035,811; Mar. 31.
- Coin collector. P. E. Mills and O. A. Shann. 2,037,174; Apr. 14.
- Coin collector. O. A. Shann. 2,035,280; Mar. 24.
- Coin collector. C. H. Wheeler. 2,032,454; Mar. 3.
- Coin collector apparatus. J. M. Melick. 2,032,218; Feb. 25.
- Coin collector apparatus. P. E. Mills. 2,049,170; July 28.
- Coin collector apparatus. C. H. Wheeler. 2,041,888; May 26.
- Coin collector apparatus. C. H. Wheeler. 2,044,037; June 16.
- Coin collector, Telephone. P. E. Mills. 2,029,113; Jan. 28.
- Coin control for scales. W. R. McDonald. 2,029,269; Jan. 28.
- Coin-controlled apparatus. F. C. Du Grenier. 2,052,611; Sept. 1.
- Coin controlled apparatus. D. B. Lane. 2,028,788; Jan. 28.
- Coin controlled apparatus. H. F. Pinkenburg. 2,028,729; Jan. 21.
- Coin controlled apparatus. D. Troy. 2,041,878; May 26.
- Coin controlled apparatus. T. W. B. Watling. 2,038,069; Apr. 21.
- Coin controlled device. A. F. Larson. 2,051,952; Aug. 25.
- Coin controlled dispenser. F. C. Du Grenier. 2,037,463; Apr. 14.
- Coin controlled mechanism. F. C. Du Grenier. 2,037,462; Apr. 14.
- Coin controlled mechanism. F. C. Du Grenier. 2,040,983; May 19.
- Coin controlled mechanism. R. M. Hall. 2,052,397; Aug. 25.
- Coin controlled meter. S. L. Miller. 2,064,677; Dec. 15.
- Coin controlled self service device. H. S. Wilson and H. Lauten. 2,052,685; Sept. 1.
- Coin controlling device for coin controlled vending machines. T. W. B. Watling. 2,051,158; Aug. 18.
- Coin counter and bank, Automatic. C. F. Engleman. 2,059,936; Nov. 3.
- Coin detecting apparatus for coin operated telephone and the like. E. B. Carter. 2,040,166; May 12.
- Coin detector. J. J. Willis. 2,044,824; June 23.
- Coin-freed delivery machine. H. C. Sumner, F. J. Taylor and F. Langley. 2,029,205; Jan. 28.
- Coin-freed machine. P. S. Harper. 2,053,828; Sept. 8.
- Coin gauge. C. F. Barothy. 2,064,286; Dec. 15.
- Coin gauge. G. A. Long. 2,038,496; Apr. 21.
- Coin gauging apparatus. J. J. Kuhn. 2,058,602; Oct. 27.
- Coin head for coin controlled devices. T. W. B. Watling. 2,031,347; Feb. 18.
- Coin-operated machines, Device for controll. B. E. Mills. 2,065,193; Dec. 22.
- Coin, Novelty. F. J. Beck. 2,050,154; Aug. 4.
- Coin receptacle. W. H. Harvey. 2,042,844; June 2.
- Coin receptacle. R. V. Terry. 2,052,322; Aug. 25.



- Coin selecting mechanism. C. W. McKee. 2,065,495; Dec. 22.
- Coin selector. E. B. Moore. 2,040,151; May 12.
- Coin selector. W. H. Rowe. 2,040,274; May 12.
- Coin selector and rejecter. C. B. Brooks. 2,045,976; June 30.
- Coin selector and slug rejecter. H. A. Smith. 2,041,785; May 26.
- Coin slide, Slug-rejecting. L. M. Hall. 2,031,160; Feb. 18.
- Coin slot mechanism. H. C. Stockel. 2,049,527; Aug. 4.
- Coin slot mechanism, Visible. A. Dahlstrom and P. N. Nelson. 2,033,415; Mar. 10.
- Coin tester for vending machines. A. H. Kramer. 2,058,600; Oct. 27.
- Coin testing mechanism. F. C. du Grenier. 2,033,930; Mar. 17.
- Coin time switch system. J. H. Stark. 2,028,630; Jan. 21.
- Coins, Apparatus for packing rolls of. J. Baron. 2,048,210; July 21.
- Coincidental lock. J. W. FitzGerald. 2,063,088; Dec. 8.
- Coincidental lock. H. G. Rubner. 2,036,776; Apr. 7.
- Coke and gas in horizontal chamber ovens, Apparatus for the production of. C. Still. 2,030,334; Feb. 11.
- Coke, Apparatus for the dry cooling of. A. Moettell. 2,031,843; Feb. 25.
- Coke, Dry cooling of. A. Moettell. 2,048,193; July 21.
- Coke from heater tubes, Burning. C. B. McAllister. 2,057,441; Oct. 13.
- Coking apparatus. J. V. Meigs. 2,064,484; Dec. 15.
- Coking of bituminous or asphaltic liquids, Apparatus for the. R. S. Petersen. 2,040,875; May 19.
- Colander. P. A. Chamberlain. 2,063,791; Dec. 8.
- Cold box. E. D. Rapisarda. 2,055,805; Sept. 29.
- Cold conserver. S. Moore and W. C. Lyons. 2,051,733; Aug. 18.
- Cold diffusion apparatus. D. French. 2,059,686; Nov. 3.
- Cold molding composition. C. A. Herbst. 2,054,815; Sept. 22.
- Cold rolling in reversible mills, Apparatus for tensioned. E. B. Hudson. 2,054,819; Sept. 22.
- Cold storage humidification and dehumidification system. W. Jones. 2,059,874; Nov. 3.
- Collapsible bag frame. W. C. Hierung. 2,054,936; Sept. 22.
- Collapsible box. C. E. Day and M. J. Brey. 2,057,609; Oct. 13.
- Collapsible box. W. H. Inman. 2,056,969; Oct. 13.
- Collapsible box. W. Conescu. 2,036,460; Apr. 7.
- Collapsible bridge table. W. S. Ritchie. 2,028,724; Jan. 21.
- Collapsible container. C. C. Carmichael and J. Ward. 2,060,030; Nov. 10.
- Collapsible container. S. A. Heifetz. 2,031,887; Feb. 25.
- Collapsible display container. O. J. Towell. 2,048,205; July 21.
- Collapsible drawing table. F. A. Gianninoto and A. I. Friedman. 2,031,477; Feb. 18.
- Collapsible ironing table. C. A. Rich and J. W. Richardson. 2,043,335; June 9.
- Collapsible paper can. A. M. Boothby and M. E. Gazette. 2,037,675; Apr. 14.
- Collapsible table. C. U. Hannum. 2,057,334; Oct. 13.
- Collapsible tube. J. R. Fleisch. 2,056,005; Sept. 29.
- Collapsible tube. J. H. Friden. 2,042,836; June 2.
- Collapsible tube. G. Kellner. 2,045,190; June 23.
- Collapsible tube. K. Ruetz. 2,050,809; Aug. 11.
- Collapsible tube. K. Ruetz. 2,058,830; Oct. 27.
- Collapsible tube. F. W. Todt and J. H. Browning. 2,049,529; Aug. 4.
- Collar. S. Touloumis. 2,032,778; Mar. 3.
- Collar, Air cushion horse. L. L. Vardell. 2,042,082; May 26.
- Collar and cuff pressing machine. G. Weisberg. 2,041,581; May 19.
- Collar bead, Forming a. H. C. Underwood and E. B. Roby. 2,058,926; Oct. 27.
- Collar breaker. L. Spencer. 2,037,938; Apr. 21.
- Collar, Double. R. Pracht. 2,051,416; Aug. 18.
- Collar fastener. G. Johnson. 2,028,705; Jan. 21.
- Collar, Folding. T. B. I. Sørensen. 2,059,663; Nov. 3.
- Collar for food cabinets, Retaining. D. H. Caston. 2,059,861; Nov. 3.
- Collar form retainer. G. R. Oliver. 2,064,940; Dec. 22.
- Collar, Fused. R. C. Campbell. 2,033,680; Mar. 10.
- Collar holder. L. E. Baer. 2,037,449; Apr. 14.
- Collar holder. M. H. Gronauer. 2,045,462; June 23.
- Collar holder. C. W. Price. 2,059,998; Nov. 3.
- Collar, Horse. J. James. 2,058,317; Oct. 20.
- Collar, Kick-off. S. Evans. 2,064,247; Dec. 15.
- Collar locking device. J. J. Rose. 2,051,899; Aug. 25.
- Collar or the like and manufacturing the same. H. C. Underwood. 2,035,849; Mar. 31.
- Collar, Pneumatic horse. H. C. Kirby. 2,062,063; Nov. 24.
- Collar, Rolled front fused. R. C. Campbell. 2,033,681; Mar. 10.
- Collar, Shirt. I. Marinsky. 2,058,090; Oct. 20.
- Collar, Soft fold. R. Hunter. 2,044,693; June 16.
- Collars, Apparatus for shaping double. R. Pracht. 2,059,606; Nov. 3.
- Collars, Making split tapered formed. J. H. Van Uum, S. Ronyak, and J. Hoffman. 2,037,838; Apr. 21.
- Collating device. J. A. Gillette. 2,052,348; Aug. 25.
- Collating means. H. A. Foothorap. 2,043,581; June 9.
- Collator and carbon assembly, Automatic manifolding. J. Q. Sherman. 2,052,583; Sept. 1.
- Collecting and purifying device for a waterless gas holder. K. Jagschitz. 2,058,459; Oct. 27.
- Collecting device for matchmaking machines. P. W. Dietmann. 2,043,157; June 2.
- Collecting member for trolley systems. O. Conradty. 2,031,819; Feb. 25.
- Collection box. J. W. Dibb. 2,030,356; Feb. 11.
- Collector for electric cars. O. Conradty. 2,042,653; June 2.
- Collector for electric current. F. Szalay. 2,063,206; Dec. 8.
- Colloid material, Dehydrating. M. van Roggen and L. Robin. 2,052,909; Sept. 1.
- Colloidal and other suspended matter from oils, Separation of. A. W. Empson. 2,037,218; Apr. 14.
- Colloids from lithographic printing surfaces, Removing. R. F. Reed, P. W. Dorst, and A. George. 2,062,273; Nov. 24.
- Colon irrigator. H. H. Davies. 2,058,003; Oct. 20.
- Colon irrigator. F. A. Mayberry. 2,043,005; June 2.
- Color attachment for printing presses, Two. J. B. Street and O. E. Simon. 2,046,218; June 30.
- Color change, Mechanism for measuring. C. E. Tarvin and W. G. Dodge. 2,060,957; Nov. 17.
- Color cinematography. V. Hudeley and J. Lagrave. 2,030,795; Feb. 11.
- Color element images in multi-color screen photographic printing and projection, Mixing the. W. Chapman. 2,031,032; Feb. 18.
- Color engraving process. W. M. Hensel. 2,030,920; Feb. 18.
- Color-forming developer. L. D. Mannes and L. Godowsky, Jr. 2,039,730; May 5.
- Color harmony testing means. C. A. MacFarlane. 2,045,990; June 30.
- Color indication for shuttle changing looms. R. G. Turner. 2,054,177; Sept. 15.
- Color lake. F. J. Curtis. 2,053,208; Sept. 1.
- Color matcher. E. D. Wilson and C. C. Hein. 2,046,714; July 7.
- Color photography. T. T. Baker. 2,030,163; Feb. 11.
- Color photography. A. B. Clark. 2,032,401; Mar. 3.
- Color photography. L. M. Dieterich and D. K. Allison. 2,034,230; Mar. 17.
- Color photography. J. Eggert and G. Heymer. 2,059,323; Nov. 3.
- Color photography. L. D. Mannes and L. Godowsky, Jr. 2,059,884; Nov. 3.
- Color printing attachment for web printing presses. E. J. Watkins. 2,040,226; May 12.
- Color receptacle. A. Ruzicka. 2,041,571; May 19.
- Color reproduction process. A. G. Hapke. 2,046,326; July 7.
- Color screen device. A. J. Macy. 2,032,139; Feb. 25.
- Color screen holder. K. P. Kenworthy. 2,059,361; Nov. 3.
- Color screen, Motor driven. A. I. Newman. 2,064,625; Dec. 15.
- Color selector and indicator. B. B. Rochlus. 2,064,449; Dec. 15.
- Color separation, Obtaining. J. S. Friedman. 2,047,022; July 7.
- Color stabilization of rubber surfaces. W. C. Geer. 2,035,062; Mar. 24.
- Color striping process. J. G. Evans and A. Henry. 2,061,621; Nov. 24.
- Color wave projection apparatus. D. P. Ghadiali. 2,038,784; Apr. 28.
- Colored and flameproofed material. F. W. Hochstetter. 2,045,139; June 23.
- Colored articles, Manufacture of decoratively. A. E. Clegborn. 2,027,021; Jan. 7.
- Colored copy on printing plates, Reproducing. L. B. Snyder. 2,053,115; Sept. 1.
- Colored resists under aniline black by means of ester salts of leuco-vat-dyestuffs, Production of. H. Tschumi. 2,057,862; Oct. 20.
- Colorimeter. P. A. E. Hellge. 2,050,608; Aug. 11.
- Colorimeter. H. B. Marvin. 2,046,958; July 7.
- Colorimeter. B. W. Story. 2,043,816; June 9.
- Colorimeter. E. Witte. 2,045,743; June 30.
- Colorimeter apparatus. M. L. Kuder. 2,048,554; July 21.
- Colorimeter, Comparative. A. E. Traver. 2,042,281; May 26.
- Colorimeter, Photoelectric. R. H. Müller. 2,043,589; June 9.
- Coloring in the printing of documents representing value, Applying protective. S. G. Clifford. 2,030,351; Feb. 11.
- Coloring in the printing of documents representing value, Applying protective. S. G. Clifford. 2,048,780; July 28.
- Coloring material for food fats and oils. A. F. Files. 2,042,173; May 26.
- Coloring material, Powdered. C. H. Haurand. 2,052,175; Aug. 25.
- Coloring matter, Preparing synthetic. M. M. Rosson and E. V. Fasce. 2,055,634; Sept. 29.
- Coloring matters of the lead phthalocyanine series and their manufacture. R. P. Instead and C. E. Dent. 2,056,944; Oct. 13.
- Coloring of cellulosic solutions. H. W. Crouch and E. C. Jewett. 2,039,708; May 5.
- Coloring of materials made with or containing cellulose derivatives. G. H. Ellis, H. C. Olpin, and E. W. Kirk. 2,049,433; Aug. 4.



- Colors, Apparatus for comparing. J. E. Simons. 2,030,329; Feb. 11.
- Colors, Asymetric indigoid-thioindigoid. E. Havas. 2,063,161; Dec. 8.
- Colors, Manufacture of azo. J. D. Todd, L. E. May, and W. L. Newbury. 2,028,958-9; Jan. 23.
- Colors, Production of finely divided vat. W. R. Waldron. 2,065,928; Dec. 29.
- Colostomy appliance. H. F. Koenig. 2,048,392; July 21.
- Colostomy bag. A. W. Diack. 2,054,535; Sept. 15.
- Colostomy outfit. F. A. Boser. 2,064,586; Dec. 15.
- Colostomy pad. F. H. Frissell. 2,043,097; June 2.
- Column blinding mechanism. F. Becker. 2,064,874; Dec. 22.
- Column for sky writing. J. T. Remey. 2,065,024; Dec. 22.
- Column level gauge. J. W. Gray. 2,031,533; Feb. 18.
- Column listing device, Multiple. C. H. Sand, Jr. 2,065,539; Dec. 29.
- Comb. O. B. Carson. 2,028,588; Jan. 21.
- Comb. T. W. Dorrel. 2,061,697; Nov. 24.
- Comb and curler, Eyelash. H. Payes, L. Payes and S. Payes. 2,035,667; Mar. 31.
- Comb and hair cutter, Combined. D. Marrazzo. 2,034,262; Mar. 17.
- Comb box for cards. J. Moss. 2,033,891; Mar. 10.
- Comb, Carpet sweeper. I. C. Cranon. 2,032,345; Mar. 3.
- Comb cleaner. D. O. Inman. 2,036,527; Apr. 7.
- Comb cleaning device. S. Thiesen. 2,036,840; Apr. 7.
- Comb, Fountain. L. and W. Helfrich and O. H. Corvington. 2,031,774; Feb. 25.
- Comb, Fountain. F. E. Raymond. 2,062,376; Dec. 1.
- Comb, Hair. I. Andersson. 2,063,777; Dec. 8.
- Comb, Hair. M. Liguori. 2,065,228; Dec. 22.
- Comb, Hair cutting. G. Pluchino. 2,029,792; Feb. 4.
- Comb loom. C. A. Bacheller. 2,065,498; Dec. 29.
- Comb, Sanitary. C. J. Ward. 2,064,509; Dec. 15.
- Comb, Toilet. H. Z. Ross. 2,027,121; Jan. 7.
- Comber. B. Bailey. 2,063,018; Dec. 8.
- Combs, Apparatus for making. J. S. Wilcox. 2,031,400; Feb. 18.
- Combs, Making textile. I. V. Adimari. 2,065,038; Dec. 22.
- Combination chair. H. H. Cook. 2,058,299; Oct. 20.
- Combination furnace. H. Pontzen. 2,042,626; June 2.
- Combination ironing board. J. W. Gallitzin. 2,032,981; Mar. 3.
- Combination lock. P. Bolis. 2,040,120; May 12.
- Combination lock. B. F. Clisor. 2,026,932; Jan. 7.
- Combination lock. A. C. Findlay. 2,053,901; Sept. 8.
- Combination lock. G. E. Mills. 2,029,080; Jan. 28.
- Combination mash and lauter tank. E. J. Westcott and A. E. Ruemmele. 2,042,284; May 26.
- Combination space heater. M. E. Hood. 2,060,079; Nov. 10.
- Combination tool. H. Helgason. 2,060,415; Nov. 10.
- Combination tool. J. W. Jambura. 2,054,503; Sept. 15.
- Combination tool. P. Ward. 2,038,693; Apr. 28.
- Combination tool. W. D. White. 2,052,331; Aug. 25.
- Combination vanity case. E. E. Erikson. 2,031,363; Feb. 18.
- Combine reel. A. Korsmo. 2,047,274; July 14.
- Combine, Tillage. R. E. Dunham. 2,037,621; Apr. 14.
- Combustible charge forming attachment for internal combustion engines. C. del Valle. 2,052,608; Sept. 1.
- Combustible mixtures, Forming. O. A. Ross. 2,062,825; Dec. 1.
- Combustibles, Protecting. W. J. Willenborg. 2,049,987; Aug. 4.
- Combustion apparatus. O. F. Campbell. 2,046,767; July 7.
- Combustion apparatus. H. A. Dreffein. 2,046,371; July 7.
- Combustion apparatus. D. F. Kilgour. 2,059,586; Nov. 3.
- Combustion apparatus. G. R. Koeln. 2,053,003; Sept. 1.
- Combustion chamber. E. S. Dennison. 2,055,814; Sept. 29.
- Combustion chamber air feed means. F. W. Scheifele. 2,037,598; Apr. 14.
- Combustion conditioning system for soaking pits. G. A. Merkt. 2,029,580; Feb. 4.
- Combustion control. G. H. Gibson. 2,042,838; June 2.
- Combustion control. H. J. Keeley. 2,060,323; Nov. 10.
- Combustion control for heating systems. A. W. Holmes. 2,052,710; Sept. 1.
- Combustion control means. S. S. Weeks. 2,027,942; Jan. 14.
- Combustion control mechanism. R. Lewis. 2,049,707; Aug. 4.
- Combustion control system. E. S. Bristol. 2,053,061; Sept. 1.
- Combustion control system. P. S. Miller. 2,030,386; Feb. 11.
- Combustion controlling device for furnaces. B. G. Woolley. 2,040,231; May 12.
- Combustion efficiency adjusting apparatus. J. D. Morgan. 2,040,778; May 12.
- Combustion engine. W. Harper, Jr. 2,041,708-9; May 26.
- Combustion engine. T. Pratt. 2,026,705; Jan. 7.
- Combustion heater. A. J. Johnson and P. A. Mulcey. 2,039,423; May 5.
- Combustion method for treating aliphatic hydrocarbons, Partial. J. H. James. 2,054,571; Sept. 15.
- Combustion of fluid fuel, Apparatus for producing and maintaining. T. J. Stephens and H. H. Freund. 2,047,445; July 14.
- Combustion process for the use of fluid fuel in Martin Furnaces. F. Fiorelli. 2,066,103; Dec. 29.
- Combustion regulator. G. Wunsch and H. Ziebolz. 2,052,375; Aug. 25.
- Comestible package. C. W. Vogt. 2,062,539; Dec. 1.
- Comestible package, Frozen. C. W. Vogt. 2,062,278; Nov. 24.
- Comestible, Packaged. C. W. Vogt. 2,062,279; Nov. 24.
- Comminuting machine. R. Scheynost. 2,060,126; Nov. 10.
- Comminuting machine for foodstuffs. G. Satzinger. 2,042,161; May 26.
- Commode, Child's traveling. J. D. Barton. 2,046,805; July 7.
- Commode for pets, Training. M. Albert. 2,053,594; Sept. 8.
- Commode, Sanitary portable. S. K. Tohrner. 2,053,586; Sept. 8.
- Commodities, Process and apparatus for conditioning. F. J. Reilly. 2,061,329; Nov. 17.
- Communicating system. L. D. Whitelock, P. N. Bossart, W. P. Place and A. J. Sorensen. 2,064,639; Dec. 15.
- Communicating with trains in motion by a high frequency current and applications. H. Chireix. 2,049,154; July 28.
- Communication and detection system. H. P. Miller, Jr. 2,032,588; Mar. 3.
- Communication by television, System and method of operation for. W. A. Tolson. 2,062,198; Nov. 24.
- Communication in direct current machines, Arrangement for improving the. H. Grob. 2,060,935; Nov. 17.
- Communication system. R. W. Chesnut and R. E. Crane. 2,054,789; Sept. 22.
- Communication system. H. C. Curl. 2,043,348; June 9.
- Communication system. G. J. Goetz. 2,054,901; Sept. 22.
- Communication system. H. T. Jeandron and A. R. Morton. 2,045,146; June 23.
- Communication system. H. W. Johnson. 2,044,305; June 16.
- Communication system. W. S. Lemmon. 2,053,092; Sept. 1.
- Communication system. W. E. Lindsay. 2,044,391; June 16.
- Communication system. A. S. Riggs. 2,048,081; July 21.
- Communication system. A. J. Sorensen. 2,032,725; Mar. 3.
- Communication system. E. M. Staples. 2,055,638; Sept. 29.
- Communication system, Duplex. E. Gerhard. 2,045,224; Sept. 22.
- Communication system, Multiplex. G. Ramsey. 2,055,309; Sept. 22.
- Communication systems, Apparatus for. A. J. Sorensen. 2,029,396; Feb. 4.
- Communication systems, Apparatus for railway train. P. N. Bossart. 2,040,198; May 12.
- Communication with moving trains. L. Espenschied and N. Monk. 2,061,027; Nov. 17.
- Commutator. V. G. Apple. 2,061,821; Nov. 24.
- Commutator. G. W. Penney. 2,045,405; June 23.
- Commutator and interrupter to the spark-neglecting principle, Electric. J. F. G. P. Hartmann. 2,051,708; Aug. 18.
- Commutator cleaner, Electric motor. F. G. Sanders. 2,050,735; Aug. 11.
- Commutator finishing machine. L. E. Poole. 2,064,079; Dec. 15.
- Commutator structure. E. E. Arnold. 2,060,480; Nov. 10.
- Commutator truing mechanisms. W. S. Green. 2,061,398; Nov. 17.
- Compact. P. H. Ganz. 2,048,255; July 21.
- Compact bodies consisting of pure magnesium oxide or beryllium oxide, Making. R. Reichmann. 2,033,300; Mar. 10.
- Compact, Polish. A. G. Smith. 2,029,951; Feb. 4.
- Compacting apparatus. H. F. Lewis. 2,042,948; June 2.
- Compacts, Manufacture of wet-formed. W. B. Jones. 2,053,996; Sept. 8.
- Compacts or the like, Filling or refilling. H. W. Jeffries and A. B. Steward. 2,042,059; May 26.
- Comparator. R. O. Beardsley, E. T. Bysshe, and R. R. Finn. 2,035,780; Mar. 31.
- Comparator. A. Drucker. 2,027,816; Jan. 14.
- Comparator. A. P. Steiner. 2,032,856; Mar. 3.
- Comparator. S. B. Terry. 2,065,951; Dec. 29.
- Comparator, Color. J. W. Forrest and G. Fassin. 2,054,195; Sept. 15.
- Comparators, Attachment for. R. O. Beardsley. 2,031,201; Feb. 18.
- Compartment for buildings, Theftproof. C. H. Richards. 2,052,723; Sept. 1.
- Compartment for household refrigerators, Fur and woolen cold storage. C. B. Alig. 2,062,631; Dec. 1.
- Compartment for refrigerator doors, Auxiliary. A. S. Shafer. 2,045,879; June 30.
- Compartment for sleeping or sun-bathing, Portable. G. H. Brown. 2,047,056; July 7.
- Compartment lock. E. N. Jacob. 2,046,630; July 7.
- Compass. C. B. Dinsmore. 2,056,715; Oct. 6.
- Compass. R. Gunn. 2,054,318; Sept. 15.
- Compass. H. Hassenfeld. 2,066,147; Dec. 29.
- Compass. J. L. Stright. 2,026,919; Jan. 7.
- Compass. F. West, Jr. 2,060,766; Nov. 10.
- Compass, Azimuth. B. M. Green. 2,028,063; Jan. 14.
- Compass, Drafting. B. W. Hanle. 2,045,298; June 23.
- Compass, Earth inductor. U. Guerra. 2,038,787; Apr. 28.



- Compass, Gyroscopic. L. F. Carter. 2,044,899; June 23.  
 Compass, Magnetic. E. Bandoly. 2,027,952; Jan. 14.  
 Compass, Magnetic. G. De Beeson. 2,058,004; Oct. 20.  
 Compass, Magnetic. P. Kollman. 2,041,072; May 19.  
 Compass, Micrometric. W. Dankhoff. 2,028,147; Jan. 21.  
 Compass, Solar. E. D. Bean. 2,032,462; Mar. 3.  
 Compass, Tape. E. E. Metcalf. 2,065,143; Dec. 22.  
 Compensating contact finger. H. F. Woernley. 2,055,114; Sept. 22.  
 Compensating device for motor vehicles. H. Höme. 2,049,119; July 28.  
 Compensating device for web feeding machines. W. E. Sharkey and R. S. Thompson. 2,038,452; Apr. 21.  
 Compensating mechanism for balancing machines. J. J. Guest. 2,040,738; May 12.  
 Compensator. G. W. Pierce. 2,063,947; Dec. 15.  
 Compensator and method. G. W. Pierce and A. Noyes, Jr. 2,063,948; Dec. 15.  
 Compensator for hoisting apparatus. O. E. Uecker. 2,048,961; July 28.  
 Compensator for internal combustion engines, Valve timing. D. W. Smiley. 2,037,051; Apr. 14.  
 Compensator for sound units, Slippage. E. Boecking. 2,037,452; Apr. 14.  
 Complex compounds of organic mercapto compounds. A. Feldt, W. Schoeller, and H.-G. Allardt. 2,036,208; Apr. 7.  
 Complex objective for three-color projection. A. Valentin and L. Bassani. 2,056,696; Oct. 6.  
 Components of solutions and mixtures, Method of and apparatus for disassociating the. W. M. Zorn and T. H. Eickhoff. 2,032,785; Mar. 3.  
 Composing and reproducing device. S. I. S. Friedman and O. I. Bloom. 2,042,041; May 26.  
 Composite article. C. Stresino. 2,049,878; Aug. 4.  
 Composite article and making. A. M. Howald. 2,056,457; Oct. 6.  
 Composite article carrying a cellular backing of porcelain enamel and making same. K. Turk. 2,053,244; Sept. 1.  
 Composite article, Coating. G. J. Farnworth. 2,059,783; Nov. 3.  
 Composite articles containing nickel, Producing. W. A. Mudge. 2,037,732; Apr. 21.  
 Composite construction material. C. A. Upson. 2,064,327; Dec. 15.  
 Composite cutting and threading tool. M. Spitz. 2,046,041; June 30.  
 Composite glass container. N. B. Reynolds. 2,030,397; Feb. 11.  
 Composite package. A. McCallum. 2,031,381; Feb. 18.  
 Composite structure. G. R. Bennett. 2,029,906; Feb. 4.  
 Composition. C. S. Webber and E. A. Wilson. 2,046,281; June 30.  
 Composition and method for producing stabilized foam. C. B. Strauch. 2,043,633; June 9.  
 Composition and method for treating hair. E. A. Butler. 2,056,135; Sept. 29.  
 Composition and method of setting up vitreous enamel slips. C. J. Kinzie. 2,057,958; Oct. 20.  
 Composition and process for emulsifying cut oils and the like. H. J. Robertson. 2,051,226; Aug. 18.  
 Composition and process for inhibiting corrosion. L. M. Burghart. 2,038,988; Apr. 28.  
 Composition comprising deacetylated chitin. W. J. Merrill. 2,047,218; July 14.  
 Composition containing a cellulose compound and a titanium salt of an aromatic polybasic acid. H. A. Gardner. 2,038,836; Apr. 28.  
 Composition containing castor oil derivative. M. M. Brubaker. 2,027,466; Jan. 14.  
 Composition containing rubber, Liquid. C. Ellis. 2,038,556; Apr. 28.  
 Composition for absorbing vibration and sound. J. M. Byers. 2,047,576; July 14.  
 Composition for and method of metal electroplating. F. R. Rapids. 2,061,592; Nov. 24.  
 Composition for case hardening. A. F. Holden. 2,046,822; July 7.  
 Composition for cleaning and brightening metals. H. B. Rathbun. 2,062,038; Nov. 24.  
 Composition for cleaning metal. S. M. Hull. 2,032,482; Mar. 3.  
 Composition for coating, laminating, and film forming. A. Abrams, C. L. Wagner, and G. W. Forcey. 2,054,115; Sept. 15.  
 Composition for coloring and waterproofing concrete and the like. F. E. Miller. 2,047,426; July 14.  
 Composition for making dental fillings. E. Brill. 2,035,140; Mar. 24.  
 Composition for preventing sunburn. F. E. Stockelbach. 2,041,874; May 26.  
 Composition for treatment of anemia and preparing same. A. E. Meyer. 2,038,586; Apr. 28.  
 Composition material. A. C. Fischer. 2,037,507; Apr. 14.  
 Composition of asphalt emulsion. C. D. Svensson. 2,037,948; Apr. 21.  
 Composition of calcium carbide. J. B. A. G. Neumann. 2,048,962; July 28.  
 Composition of matter. L. E. Branchen. 2,034,020; Mar. 17.  
 Composition of matter. W. H. Charch. 2,064,292; Dec. 15.  
 Composition of matter. M. R. Isaacs. 2,051,338; Aug. 18.  
 Composition of matter. W. Schoeller and H. Goebel. 2,032,890; Mar. 3.  
 Composition of matter and its production. C. G. Dreymann. 2,031,036; Feb. 18.  
 Composition of matter and making the same. W. J. Koenig. 2,058,596-8; Oct. 27.  
 Composition of matter and making the same. W. J. Koenig and R. H. Pohl. 2,047,149; July 7.  
 Composition of matter and making the same. W. J. Koenig, R. H. Pohl, and R. W. Walker. 2,047,150; July 7.  
 Composition of matter containing luminous substances. G. Meder and K. Schad. 2,039,734; May 5.  
 Composition of matter containing synthetic resin. W. H. Moss. 2,050,366; Aug. 11.  
 Composition of matter containing vegetable mucinous extract from plants. H. B. Near, A. J. Pacini, R. W. Crosley, M. M. Gerth, F. T. Breidigam, and J. D. Kelly. 2,060,336; Nov. 10.  
 Composition of matter, etc. L. H. Larson. 2,034,519; Mar. 17.  
 Composition of matter for use as a vehicle for other substances, and producing the same. A. Sauer. 2,059,811; Nov. 3.  
 Composition of matter obtained from hydrocarbon acid sludge. J. C. Bird. 2,035,112; Mar. 24.  
 Composition of matter, process for its production and for its use in the preparation of fertilizers. W. H. Kniskern and C. K. Lawrence. 2,035,484; Mar. 31.  
 Composition, Wear and heat resisting. J. Driscoll. 2,052,610; Sept. 1.  
 Compositions of matter and petroleum products and making. O. M. Reiff. 2,062,676; Dec. 1.  
 Compositions of matter and petroleum products and making same. O. M. Reiff. 2,062,677; Dec. 1.  
 Compositions and method of producing. C. B. Hollabaugh. 2,044,571-2; June 16.  
 Compositions containing wool grease naphthenates, Preparing. F. Meidert. 2,049,396; July 28.  
 Compositions for application to the human skin. W. C. Moore. 2,054,989; Sept. 22.  
 Compositions for dyeing hair. E. Basch. 2,042,698; June 2.  
 Compositions from coal tar and higher fatty acid chlorides and making the same. A. W. Ralston, C. W. Christensen, and S. T. Bauer. 2,033,545; Mar. 10.  
 Compositions from urea and solid polymeric aldehydes and making same, Molding. O. Süßenguth. 2,053,228; Sept. 1.  
 Compositions from urea, Making molding. O. Süßenguth. 2,053,229-30; Sept. 1.  
 Compositions, Modified. B. M. Marks. 2,051,877; Aug. 25.  
 Compositions of copper, tin, and lead, Treating metalliferous. C. W. Hanson. 2,050,319; Aug. 11.  
 Compositions of matter and methods and steps of making and using the same. M. T. Harvey. 2,051,768; Aug. 18.  
 Compositions of matter and petroleum products and making same. O. M. Reiff. 2,052,003; Aug. 25.  
 Compositions of matter and petroleum products and making same. O. M. Reiff. 2,061,008; Nov. 17.  
 Compositions of matter containing ammonia and potassium nitrate, their preparation. C. K. Lawrence and E. W. Harvey. 2,050,493; Aug. 11.  
 Compositions useful for the production of azo dyestuffs and their application. M.-J.-G. Bader. 2,042,696; June 2.  
 Compound and compositions containing same. B. C. Bren. 2,031,206; Feb. 18.  
 Compound and method for conditioning boiler, steam and condensate systems. M. E. Dreyfus. 2,053,024; Sept. 1.  
 Compound applying machine. W. Cameron. 2,062,863; Dec. 1.  
 Compound for treating petroleum. J. E. Cox. 2,032,527; Mar. 3.  
 Compound from admixing sodium morrhuate and quinine solutions, Method and resulting. F. H. Greenbaum. 2,046,116; June 30.  
 Compound, Heat insulation treating and binding. J. P. Doyle. 2,050,089; Aug. 4.  
 Compound including hydrocarbon. R. H. Russell. 2,059,535; Nov. 3.  
 Compound of  $\alpha$ -methyl-heptyl-hydro-cupreidine and making same. F. Johannessohn and H. Thron. 2,058,081; Oct. 20.  
 Compound tube, Combination. W. Stephens. 2,050,213-4; Aug. 4.  
 Compound winding. H. Grob. 2,054,902; Sept. 22.  
 Compounding system for rectifiers. C. A. Sabbah. 2,046,972; July 7.  
 Compounds containing a mercaptide group and producing same. E. Schwenk and M. Gehrke. 2,038,609; Apr. 28.  
 Compounds containing an abietyl group and product thereof, Halogenating. J. N. Borglin. 2,050,979; Aug. 11.  
 Compounds containing heavy metals and sulphhydryl groups from keratins, Making. E. Sturm and R. Fleischmann. 2,046,795; July 7.  
 Compounds from petroleum oil, Producing high molecular weight. D. R. Merrill. 2,029,382; Feb. 4.  
 Compounds obtained by catalytic hydrogenation of oxides of carbon, Sulphonated oxygenated. H. Ulrich, K. Saurwein, and F. Siefert. 2,042,747; June 2.  
 Compounds of an n-hydroxypropyl arsanilic acid. W. Knolle, J. Hallensleben, K. Streitwolf, and H. Bauer. 2,050,574; Aug. 11.



- Compounds of basic dyestuffs with sulphuric acid ester salts. S. Lenher. 2,052,716; Sept. 1.
- Compounds of bentonite with organic bases and producing same. C. R. Smith. 2,033,856; Mar. 10.
- Compounds of metalloids with nucleotides and their decomposition products. S. L. Ruskin. 2,053,180; Oct. 20.
- Compounds of the acridinium series and preparing them. L. Benda and O. Sievers. 2,039,577; May 5.
- Compounds of the anthrapyrimidine series. M. A. Kunz and K. Koerberle. 2,040,859; May 19.
- Compounds of the anthrapyrimidine series. M. A. Kunz and K. Koerberle. 2,040,862; May 19.
- Compounds of the anthraquinone series and preparing them. E. C. Buxbaum and H. R. Lee. 2,063,028; Dec. 8.
- Compounds of the Benzanthrone series. M. A. Perkins. 2,059,647; Nov. 3.
- Compounds of the imidazole series, Water-soluble metal complex. H. Andersag and H. Jung. 2,065,418; Dec. 22.
- Compounds of the N-dihydro-1,2,2',1'-anthraquinone azine series and the production thereof. F. W. Johnson. 2,030,876; Feb. 18.
- Compounds of the violanthrone series and making the same. W. H. Lycan. 2,058,606; Oct. 27.
- Compounds of the violanthrone series and their production. A. J. Wuerzt. 2,051,121; Aug. 18.
- Compounds, Process and apparatus for the syntheses of. J. J. O'Leary. 2,046,478; July 7.
- Compounds suitable for dyeing and printing. E. A. Markush, M. S. Mayzner, and J. Miller. 2,049,216; July 28.
- Compress, Hydraulic. L. S. Hubbert. 2,061,658; Nov. 24.
- Compressing device. R. Temple, Jr. 2,030,803; Feb. 11.
- Compressing machine. A. S. Kux. 2,027,915; Jan. 14.
- Compression fitting. A. J. Weatherhead, Jr. 2,059,920; Nov. 3.
- Compression in engines, Controlling. J. O. Snyder. 2,042,969; June 2.
- Compression joint. B. B. Whittam. 2,063,967; Dec. 15.
- Compression release mechanism. H. D. Church. 2,054,928; Sept. 22.
- Compression system for internal combustion engines, Variable. J. P. Gaty. 2,040,652; May 12.
- Compression tubing coupling. E. H. Kocher. 2,029,325; Feb. 4.
- Compressor. J. G. Aldinger. 2,036,846-7; Apr. 7.
- Compressor. L. H. Browne. 2,062,206; Nov. 24.
- Compressor. E. J. De Ville. 2,063,728; Dec. 8.
- Compressor. W. D. Drysdale. 2,031,940; Feb. 25.
- Compressor. J. C. Duryee. 2,036,799; Apr. 7.
- Compressor. F. B. Hunt. 2,041,659; May 19.
- Compressor. C. A. Ives. 2,050,094; Aug. 4.
- Compressor. M. W. Kenney and A. R. Constantine. 2,045,014; June 23.
- Compressor. J. C. McCune and S. Johnson, Jr. 2,033,437; Mar. 10.
- Compressor. W. A. Meyer. 2,050,536; Aug. 11.
- Compressor. G. L. Streblor. 2,044,957; June 23.
- Compressor. E. W. Swartwout. 2,034,159; Mar. 17.
- Compressor. W. W. Williams. 2,035,854; Mar. 31.
- Compressor. W. H. Wineman. 2,047,986; July 21.
- Compressor and balancing device therefor. W. E. Johnson. 2,030,701; Feb. 11.
- Compressor and condenser functions of a refrigerating system and controlling a compressor therefor, Interchanging. H. L. Galson. 2,052,561; Sept. 1.
- Compressor, Centrifugal. C. R. Waseige. 2,065,955; Dec. 29.
- Compressor control device. J. C. McCune. 2,038,184; Apr. 21.
- Compressor control structure. M. E. Henning. 2,037,128; Apr. 14.
- Compressor for fluid pressure systems. W. F. Oliver. 2,054,863; Sept. 22.
- Compressor for refrigerating machines. C. Steenstrup. 2,065,350; Dec. 22.
- Compressor for refrigerating systems. J. C. Buchanan. 2,028,824; Jan. 28.
- Compressor governor. J. C. McCune. 2,038,185; Apr. 21.
- Compressor governor construction. C. C. Farmer. 2,032,122; Feb. 25.
- Compressor, Multistage. H. A. Feldbush. 2,043,535; June 9.
- Compressor, Multistage rotary. K. Baumann. 2,042,496; June 2.
- Compressor or pump, Rotary. B. Lightman. 2,053,724; Sept. 8.
- Compressor protective device. P. L. Crittenden and B. S. Aikman. 2,052,168; Aug. 25.
- Compressor, Refrigerant. W. Hirche. 2,041,128; May 19.
- Compressor, Rotary. C. J. Beust. 2,044,873; June 23.
- Compressor, Rotary. L. R. Huff. 2,027,594; Jan. 14.
- Compressor, Rotary. K. Steinmann. 2,050,473; Aug. 11.
- Compressor unit. H. B. Hull. 2,038,176; Apr. 21.
- Compressor unit. B. Neal. 2,030,759; Feb. 11.
- Compressor unloader. E. Nathan. 2,037,140; Apr. 14.
- Compressor unloader. C. E. Ploeger. 2,034,153; Mar. 17.
- Compressor unloading device. B. S. Aikman. 2,065,204; Dec. 22.
- Compressors, Unloading mechanism for. G. F. Pfeifer. 2,047,489; July 14.
- Computing apparatus. A. E. Russ. 2,048,819; July 28.
- Computing machine. L. E. Lentz. 2,061,362; Nov. 17.
- Computing machine. T. O. Mehan. 2,033,045; Mar. 3.
- Computing machine. A. C. Seymour. 2,048,568; July 21.
- Computing machine. B. C. Stickney. 2,058,922; Oct. 27.
- Computing machines, Device for the automatic clearing of registers of. A. Kottmann. 2,034,724; Mar. 24.
- Computing mechanism. V. H. Rausch. 2,037,667; Apr. 14.
- Concealing machine. W. J. Shaw. 2,057,747; Oct. 20.
- Concealed hinge. E. B. G. Lefevre. 2,063,686; Dec. 8.
- Concealed hinge. H. F. Reichard. 2,056,805; Oct. 6.
- Concealed hinge. J. Soss. 2,040,279; May 12.
- Concealed hinge. J. Soss. 2,062,840; Dec. 1.
- Concealed hinge. E. Van Note. 2,039,130; Apr. 28.
- Concealed spare wheel. R. S. Grimshaw. 2,036,472; Apr. 7.
- Concentrator. E. R. Horton. 2,056,190; Oct. 6.
- Concentrator. I. B. Humphreys. 2,042,402; May 26.
- Concentrator, Dry. E. L. Dreifus. 2,044,775; June 23.
- Concertina and accordion operation. O. Heim. 2,057,830; Oct. 20.
- Concrete aggregate testing device. M. A. Weckerly. 2,043,457; June 9.
- Concrete and ceramic aggregate therefor, Light weight. C. K. Harding. 2,046,071; June 30.
- Concrete, Apparatus for mixing. S. Jaeger. 2,048,657; July 21.
- Concrete block. J. W. Briscoe. 2,044,051; June 16.
- Concrete block machine. L. Gelbman. 2,029,365; Feb. 4.
- Concrete block, Self-locking. E. J. Wildermuth. 2,062,851; Dec. 1.
- Concrete blocks and the like, Manufacture of. A. F. Sexton. 2,037,545; Apr. 14.
- Concrete building block molding machine. A. H. Sexton. 2,062,767; Dec. 1.
- Concrete building construction. H. Amescua. 2,058,285; Oct. 20.
- Concrete building construction. Q. Twachtman. 2,065,355; Dec. 22.
- Concrete construction. G. R. Conahay, Jr. 2,037,007; Apr. 14.
- Concrete construction. J. E. Grant. 2,037,573; Apr. 14.
- Concrete construction. F. W. Guibert. 2,030,518; Feb. 11.
- Concrete construction. J. M. Workman. 2,035,007; Mar. 24.
- Concrete cribbing. C. Clare. 2,035,050; Mar. 24.
- Concrete cribbing, Precast. P. C. Wichmann. 2,034,851; Mar. 24.
- Concrete, Device for protecting. S. P. and E. W. Cerf. 2,031,098; Feb. 18.
- Concrete floor and ceiling construction. C. E. Burbank and B. A. Cushman. 2,035,296; Mar. 24.
- Concrete form appliance. C. I. Williams. 2,048,151; July 21.
- Concrete having a high electric insulation resistance, Manufacture of. E. P. C. Lambert. 2,038,367; Apr. 21.
- Concrete in mixers, Apparatus and method for preparing. R. B. Gage. 2,038,276; Apr. 21.
- Concrete laying machine. H. M. Hadley. 2,049,115; July 28.
- Concrete, Method of and apparatus for molding. A. Varni. 2,029,004; Jan. 28.
- Concrete, Method of and apparatus for treating. K. P. Billner. 2,046,867; July 7.
- Concrete mixer. E. E. Long. 2,060,090; Nov. 10.
- Concrete mixer, Self-tilting. P. W. Yett. 2,063,574; Dec. 8.
- Concrete mixing machine. A. W. Rybeck. 2,054,469; Sept. 15.
- Concrete pavement. E. C. Woodward. 2,036,379; Apr. 7.
- Concrete pile construction. H. A. Christie. 2,036,793; Apr. 7.
- Concrete pumping apparatus, Multiple unit. C. F. Ball. 2,060,409; Nov. 10.
- Concrete pumping machine. E. S. Karstens. 2,061,425; Nov. 17.
- Concrete road building machine. J. E. Harvey, Jr. 2,027,907; Jan. 14.
- Concrete sign. E. A. Bell. 2,050,255; Aug. 11.
- Concrete spreading machine. R. W. Briggs. 2,032,736; Mar. 3.
- Concrete structural member, Reinforced. T. F. Nichols. 2,035,977; Mar. 31.
- Concrete structural members, Casting. C. E. Burbank and B. A. Cushman. 2,058,295; Oct. 20.
- Concrete structure. D. B. Oliver. 2,037,482; Apr. 14.
- Concrete structures, Appliance for and method of making. J. E. Miller. 2,040,666; May 12.
- Concrete tamping device. P. A. Kerwin. 2,043,585; June 9.
- Concrete tile mold. F. E. Smith. 2,030,724; Feb. 11.
- Concrete vibrator mechanism. E. B. Jorgensen. 2,061,943; Nov. 24.
- Concrete wall structure and method of production. F. P. Sloan. 2,042,487; June 2.
- Condensate, Evacuation of. H. G. Cram. 2,049,050; July 28.
- Condensation derivatives of rubber. H. R. Thies. 2,039,238; Apr. 28.
- Condensation evaporator. R. J. McCarty, Jr. 2,060,399; Nov. 10.



- Condensation product and making the same. A. G. Hovey. 2,041,248; May 19.
- Condensation product and preparing the same. H. Hönel. 2,052,093; Aug. 25.
- Condensation product and process. H. A. Bruson. 2,063,837; Dec. 8.
- Condensation product and process. J. B. Niederl. 2,029,539; Feb. 4.
- Condensation products. W. Reppe and E. Keyssner. 2,027,199; Jan. 7.
- Condensation products and making same. F. Felix and J. Scheidegger. 2,036,932; Apr. 7.
- Condensation products and making the same, Phenolic. J. H. James. 2,042,313; May 26.
- Condensation products and preparing same. H. Hönel. 2,049,447; Aug. 4.
- Condensation products and producing same, Resinous. I. Rosenblum. 2,056,211; Oct. 6.
- Condensation products containing keto groups and producing same, Polynuclear. A. Rieche. 2,065,026; Dec. 22.
- Condensation products from alcohols and phenols, Manufacture of. H. Langwell and C. B. Maddocks. 2,031,719; Feb. 25.
- Condensation products from aliphatic organic compounds, Manufacture of. O. Fuchs and W. Querfurth. 2,050,789; Aug. 11.
- Condensation products, Making. K. Ripper. 2,029,893; Feb. 4.
- Condensation products, Manufacture of. J. Binapf and J. Kuchenbuch. 2,031,586; Feb. 25.
- Condensation products of halogenated aliphatic ethers, Producing. P. L. Salzberg. 2,035,386; Mar. 24.
- Condensation products of high molecular weight polyhydric alcohols and making the same. H. Eatough. 2,041,702; May 26.
- Condensation products of ketones with compounds of the diamino-acridinium series, and preparing them. O. Sievers. 2,044,892; June 23.
- Condensation products of naphthalene sulphonic acids with amino salicylic acids and preparing them. F. Nietzel. 2,048,283; July 21.
- Condensation products of phenols and triisobutylene. W. F. Hester. 2,060,573; Nov. 10.
- Condensation products of the anthraquinone series. W. Zerweck and E. Honold. 2,045,817; June 30.
- Condensation products of the carbamide formaldehyde type and making same. W. Kraus. 2,033,718; Mar. 10.
- Condensation products, Procedure for the manufacture of. W. Schrauth. 2,027,351; Jan. 7.
- Condensation products, Producing particularly stable. K. Sandig. 2,061,635; Nov. 24.
- Condensation products, Production of. K. Eisenmann, E. Scholz, and K. Wolf. 2,043,159; June 2.
- Condensation products, Production of. W. Kraus. 2,040,207; May 12.
- Condensation products, Water-soluble. L. Orthner and A. Doser. 2,040,212; May 12.
- Condensation products, Water soluble sulphonated. E. A. Mauersberger. 2,041,560; May 19.
- Condenser: See—
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|---------------------------|------------------------------|
| Cotton condenser.         | Tape condenser.              |
| Electric condenser.       | Tubular condenser.           |
| Electric steam condenser. | Variable condenser.          |
| Electrical condenser.     | Variable electric condenser. |
| Fixed dual condenser.     | Variable tuning condenser.   |
| Sulphur condenser.        |                              |
| Surface condenser.        |                              |
- Condenser. R. K. Albert. 2,029,550; Feb. 4.
- Condenser. M. H. Bennett. 2,039,622-3; May 5.
- Condenser. M. H. Bennett. 2,041,280; May 19.
- Condenser. L. G. Burlingame. 2,064,819; Dec. 22.
- Condenser. E. D. Eby. 2,053,947; Sept. 8.
- Condenser. W. W. Garstang. 2,042,044; May 26.
- Condenser. F. Gerth and R. Kiehlhorn. 2,065,921; Dec. 29.
- Condenser. H. C. Guild. 2,029,422; Feb. 4.
- Condenser. R. Higgins. 2,028,907; Jan. 28.
- Condenser. T. J. Scofield. 2,042,556; June 2.
- Condenser. R. F. Sickles. 2,031,910; Feb. 25.
- Condenser. U. A. Taddiken. 2,040,963; May 19.
- Condenser. R. E. Welch. 2,047,757; July 14.
- Condenser and making same, Sealed. W. S. Franklin. 2,047,260; July 14.
- Condenser and making the same, Electrolytic. A. Raines. 2,031,128; Feb. 18.
- Condenser and separator for crankcase vapors. E. Bogdany and E. P. Depouilly. 2,057,001; Oct. 13.
- Condenser and trimmer therefor, Variable. S. Cohen. 2,063,986; Dec. 15.
- Condenser arrangement, Tuning. A. Schmidt. 2,036,833; Apr. 7.
- Condenser cleaning machine. T. P. Morrison. 2,051,569; Aug. 18.
- Condenser construction, Electric. B. G. Olving. 2,039,340; May 5.
- Condenser efficiency calculator. J. E. Goodwillie. 2,040,086; May 12.
- Condenser for refrigerating apparatus. F. L. Tarleton. 2,057,505; Oct. 13.
- Condenser for refrigerating machines. D. F. Newman. 2,029,890-1; Feb. 4.
- Condenser for steam clothespresses. A. Ball. 2,048,669; July 28.
- Condenser induction motor. C. L. Kennedy. 2,028,934; Jan. 28.
- Condenser, Making a. R. A. Sandberg. 2,064,036; Dec. 15.
- Condenser motor. F. J. Lyden. 2,028,230; Jan. 21.
- Condenser motor. W. J. Morrill. 2,033,047; Mar. 3.
- Condenser scoop. A. I. Ponomareff. 2,035,008; Mar. 24.
- Condenser tester. M. P. McCarty. 2,021,840; Feb. 25.
- Condenser to a main condenser, Applying a trimming. A. D. T. Libby. 2,064,620; Dec. 15.
- Condensers, Device for controlling variable and adjustable. R. A. L. Volet. 2,046,803; July 7.
- Condensers, Manufacturing electrostatic. W. B. Wines. 2,047,349; July 14.
- Condensers, Operation of electrical. E. J. H. Bussard. 2,034,327; Mar. 17.
- Condiment dispenser. L. Gutman. 2,038,041; Apr. 21.
- Condiment holder. L. I. Gaddy. 2,029,997; Feb. 4.
- Condiment holder. R. C. Jarmin. 2,053,194; Sept. 1.
- Condiment holder, Combined. J. C. Roch. 2,046,847; July 7.
- Condiment holder, Combined. J. C. Roch and F. W. Roberts. 2,047,081; July 7.
- Condition-control apparatus. H. J. Smith. 2,047,234; July 14.
- Condition controlled mechanism. P. S. Bear. 2,029,150; Jan. 28.
- Condition disclosing apparatus. J. D. Durant. 2,058,067; Oct. 20.
- Condition indicating means for fuses. L. S. Brach. 2,037,062; Apr. 14.
- Conditioning apparatus. S. H. Downs. 2,060,289; Nov. 10.
- Conditioning device. W. Stelkens. 2,042,559; June 2.
- Conductor. E. M. Deems. 2,045,126; June 23.
- Conductor and producing same, Insulated. J. W. Olson. 2,048,886; July 28.
- Conductor, Asymmetrical. G. O. Smith. 2,060,905; Nov. 17.
- Conductor, Asymmetrical electrical. W. F. Kannenberg. 2,046,686; July 7.
- Conductor clamp. F. G. Bovard. 2,028,894; Jan. 28.
- Conductor, Continuously loaded. M. K. Zinn. 2,054,718; Sept. 15.
- Conductor, Electric. A. R. Swoboda. 2,046,707; July 7.
- Conductor, Electrical. H. W. Papst. 2,039,025; Apr. 28.
- Conductor, Fire resistant electrical. M. E. Delaney. 2,028,716; Jan. 21.
- Conductor, Flexuously compacted. J. W. Campbell. 2,039,475; May 5.
- Conductor, High frequency line. J. F. Cook, Jr. 2,050,086; Aug. 4.
- Conductor, Insulated. A. R. Kemp and A. N. Gray. 2,047,736; July 14.
- Conductor, Insulated. S. J. Rosch. 2,045,103; June 23.
- Conductor, Insulated. E. C. Schacht. 2,051,423; Aug. 18.
- Conductor, Insulated. R. A. Schatzel. 2,029,546; Feb. 4.
- Conductor, Insulated electrical. W. S. Smith, H. J. Garnett, and J. N. Dean. 2,041,269; May 19.
- Conductor, Insulated electrical. J. M. De Bell. 2,060,856; Nov. 17.
- Conductor, Lead-in. E. W. Stevens. 2,064,184; Dec. 15.
- Conductor or flexible parts of conductors, Flexible. E. Schnabel. 2,053,112; Sept. 1.
- Conductor reel. I. Stern and L. Shookhoff. 2,031,434; Feb. 18.
- Conductor, Safety. E. O. Schweitzer. 2,041,093; May 19.
- Conductor, Stranded. H. Horn. 2,048,450; July 21.
- Conductor, Supervision of the dielectric losses of a. W. Thal. 2,029,685; Feb. 4.
- Conductor support. F. G. Bovard. 2,047,994; July 21.
- Conductor support. J. J. Taylor. 2,028,931; Jan. 28.
- Conductor system, Coaxial. W. E. Mougey. 2,035,274; Mar. 24.
- Conductor terminal or lug. A. J. Hixon. 2,035,070; Mar. 24.
- Conductor transmission system, Coaxial. E. I. Green. 2,035,545; Mar. 31.
- Conductor transmission system, Coaxial. S. A. Schelkunoff. 2,052,317; Aug. 25.
- Conductor transmission system, Concentric. E. I. Green. 2,029,420; Feb. 4.
- Conductor transmission system, Concentric. E. I. Green and F. A. Leibe. 2,029,421; Feb. 4.
- Conductor, Ultra short wave. M. Osnos. 2,048,752; July 28.
- Conductors, Apparatus for coating electric. E. A. Weeks and M. B. Bratt. 2,034,546; Mar. 17.
- Conductors, Making electric. R. Mautsch. 2,057,242; Oct. 13.
- Conductors, Manufacturing insulated. S. J. Rosch, V. F. di Lustro, and P. M. Rogers. 2,048,894; July 28.
- Conductors, Manufacturing stranded. C. Traugott. 2,043,130; June 2.
- Conduit. R. S. Sanford. 2,048,471; July 21.
- Conduit. A. W. Sherwood. 2,041,972; May 26.
- Conduit. R. P. Simmons. 2,033,157; Mar. 10.
- Conduit. W. A. Walsleben. 2,049,184; July 28.
- Conduit, Air conditioning. T. H. Tise. 2,032,103; Feb. 25.
- Conduit and making, Flexible. I. Cowles. 2,054,362; Sept. 15.
- Conduit, Brake control. A. E. Brickman and G. A. Gleason. 2,046,545; July 7.



- Conduit cleaning apparatus. E. O. Fessler. 2,028,972; Jan. 28.
- Conduit cleaning device. J. F. Walsh. 2,039,467; May 5.
- Conduit connector for agitating devices. L. E. Simpson. 2,047,713; July 14.
- Conduit connection between car bodies. M. P. Blomberg. 2,042,765; June 2.
- Conduit construction. C. W. Abbott. 2,066,242; Dec. 29.
- Conduit construction. C. Gottwald and W. S. McLeish. 2,050,968; Aug. 11.
- Conduit coupling. M. A. Hunt. 2,032,416; Mar. 3.
- Conduit, Electric. F. Kindberg. 2,062,752; Dec. 1.
- Conduit, Electrical. P. Elder. 2,064,199; Dec. 15.
- Conduit, Flexible. S. H. Collom. 2,056,840; Oct. 6.
- Conduit, Flexible. I. Cowles. 2,040,834; May 19.
- Conduit for electric wiring. C. E. Rutherford. 2,027,619; Jan. 14.
- Conduit section, Multiple. E. Burke and J. C. Sherman. 2,039,387; May 5.
- Conduit structure bend. E. R. Fosdick. 2,056,782; Oct. 6.
- Conduit system, Underfloor wiring. E. B. Sargent. 2,041,965; May 26.
- Conduits and making them, Corrugated metallic. J. R. Freeze. 2,065,368; Dec. 22.
- Conduits, Apparatus for applying. C. W. Abbott. 2,065,298; Dec. 22.
- Conduits, Corrugating. R. K. Hopkins. 2,055,535; Sept. 29.
- Conduits, Impregnating fibrous. S. P. Miller. 2,042,678; June 2.
- Conduits, Method and apparatus for forming. E. D. Lowrie. 2,038,745; Apr. 28.
- Cone for use in wireless loudspeakers, telephones, and the like. F. Harrison. 2,030,001; Feb. 4.
- Cone manufacture. W. S. Whiting, Jr. 2,056,636; Oct. 6.
- Cone rolling machine. C. R. Taylor. 2,045,535; June 23.
- Confection. B. R. Harris. 2,027,167; Jan. 7.
- Confection and forming and dispensing, Frozen. G. W. Schepman and W. W. Merydith. 2,045,730; June 30.
- Confection and making the same, Licorice pipe. C. M. Kretschmer. 2,038,366; Apr. 21.
- Confection and wrapper therefor, Frozen. F. T. Krein. 2,038,575; Apr. 28.
- Confection, Combination frozen. H. J. Willems. 2,048,364; July 21.
- Confection cover. J. Schragar. 2,027,791; Jan. 14.
- Confection, Frozen. H. D. Geyer and W. S. Whittaker. 2,033,238; Mar. 10.
- Confection, Frozen. H. W. Law. 2,036,706; Apr. 7.
- Confection, Frozen. A. C. Routh. 2,062,277; Nov. 24.
- Confection, Molding. R. Wise. 2,043,846; June 9.
- Confection package, Frozen. I. H. Fowle. 2,045,183; June 23.
- Confectioneries, Packaging and dispensing. A. C. Wood. 2,053,545; Sept. 8.
- Confections, Apparatus for making. L. Overland and B. Brenner. 2,032,434; Mar. 3.
- Confections, Apparatus for making. S. Quattrin and J. R. Baldi. 2,032,812; Mar. 3.
- Confections, Device for molding frozen. L. Loewenstein. 2,062,754; Dec. 1.
- Confections, Forming, refrigerating, and harvesting frozen. E. W. Kronbach. 2,052,574; Sept. 1.
- Connected valve. G. F. Gerdt. 2,044,162; June 16.
- Connector: See—
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| Adjustable connector.        | Hose connector.                 |
| Battery connector.           | Insulated electrical connector. |
| Battery terminal connector.  | Insulated wire connector.       |
| Belt connector.              | Lamp connector.                 |
| Box connector.               | Outlet box connector.           |
| Cable connector.             | Pipe connector.                 |
| Cable splice connector.      | Plug connector.                 |
| Chain connector.             | Riser post connector.           |
| Drop-on connector.           | Rod or tool connector.          |
| Electric connector.          | Service connector.              |
| Electrical cord connector.   | Solderless wire connector.      |
| Electric plug connector.     | Swivel electrical connector.    |
| Electric terminal connector. | Tile connector.                 |
| Electrical connector.        | Terminal connector.             |
| Extensible connector.        | Train pipe connector.           |
| Flexible conduit connector.  | Unitary wire connector.         |
| Ground connector.            | Watertight box connector.       |
| Handle connector.            | Wire connector.                 |
- Connector. A. A. Berndt. 2,063,718; Dec. 8.
- Connector. J. B. Cook and W. G. Fotsch. 2,037,066; Apr. 14.
- Connector. C. H. Davis, Jr. 2,035,947; Mar. 31.
- Connector. F. C. de Reamer. 2,053,136; Sept. 1.
- Connector. L. H. Hill. 2,060,757; Nov. 10.
- Connector. W. E. Krueger. 2,053,615; Sept. 8.
- Connector. M. M. Muguerditchian. 2,054,265; Sept. 15.
- Connector. F. H. Richterkessing. 2,047,384; July 14.
- Connector device. M. Schottenfels. 2,040,958; May 19.
- Connecting device for the starting of motors, Self-acting. P. Cibié. 2,060,279; Nov. 10.
- Connector device, Resistor. J. M. Bowman. 2,045,362; June 23.
- Connector for electric cables. E. M. Livingston. 2,035,661; Mar. 31.
- Connector for electric circuits. C. H. Culver and C. G. Lee. 2,061,961; Nov. 24.
- Connector for electric conductors. J. F. Frese. 2,044,679; June 16.
- Connector for electric drills. H. Kuehne. 2,055,867; Sept. 29.
- Connector for storage batteries, Intercell. A. Mayer. 2,057,729; Oct. 20.
- Connector for threadless pipes, Fluid-tight. E. G. Appleton. 2,064,140; Dec. 15.
- Connector for toy railroad tracks. E. E. McKeige. 2,040,665; May 12.
- Connector for X-ray tubes. O. H. Pleper. 2,029,584; Feb. 4.
- Connector plug. W. J. Shore. 2,036,366; Apr. 7.
- Connecters, Welding tubular. A. Kidd. 2,040,140; May 12.
- Connecters, Welding tubular. A. Kidd. 2,050,339; Aug. 11.
- Connecting device. R. C. Holton. 2,044,302; June 16.
- Connecting device for suction hose and fire hydrants and other purposes, Quick. R. B. Leslie. 2,056,927; Oct. 6.
- Connecting means. H. A. Douglas. 2,044,974; June 23.
- Connecting rod. R. Chilton. 2,040,465; May 12.
- Connecting rod. S. Jencick. 2,057,897; Oct. 20.
- Connecting rod. A. H. Leak. 2,037,384; Apr. 14.
- Connection and test block, Safety. R. W. Grace. 2,036,039; Mar. 31.
- Connection and valve assembly, Fluid. L. J. Stout. 2,061,814; Nov. 24.
- Connection, Bolster. W. H. Mussey and M. P. Blomberg. 2,053,731; Sept. 8.
- Connection, Bolt and nut. E. Daiber. 2,059,853; Nov. 3.
- Connection, Cable. A. Rosner. 2,041,489; May 19.
- Connection, Curing. C. E. Stebbins. 2,043,935; June 9.
- Connection, Driving. L. M. Brooks. 2,061,827; Nov. 24.
- Connection, Flexible. W. B. Harris. 2,040,992; May 19.
- Connection, Flexible. A. C. Hollatz. 2,047,904; July 14.
- Connection, Flexible bucket tooth. C. F. Swigert, Jr. 2,055,265; Sept. 22.
- Connection for bumper bars, End. H. S. Jandus. 2,040,176; May 12.
- Connection for piling, Interlock. W. A. Magee. 2,054,203; Sept. 15.
- Connection for structural members. T. B. Morehouse. 2,042,353; May 26.
- Connection for tubular members. R. J. MacKenzie. 2,034,349; Mar. 17.
- Connection, Hose. R. J. Anschicks. 2,045,975; June 30.
- Connection, Hose coupling. W. G. Collins. 2,038,477; Apr. 21.
- Connection, Hydraulic lubricating. A. Johnson and J. S. Johnson. 2,040,177; May 12.
- Connection, Resilient. E. F. Zaparka. 2,063,216; Dec. 8.
- Connection, Rotary driving. W. C. Whaley. 2,037,054; Apr. 14.
- Connection, Shock absorbing trailer. J. C. Bryant. 2,057,653; Oct. 20.
- Connection, Solderless wire. R. N. Rowe. 2,032,769; Mar. 3.
- Connection, Trailer draft. G. R. Coin. 2,060,066; Nov. 10.
- Connection, Windshield wiper blade and arm. R. B. Evans. 2,056,777; Oct. 6.
- Consistency regulator. O. M. Nickerson. 2,047,592; July 14.
- Constant band width receiver. J. L. Bonannok. 2,040,426; May 12.
- Constant frequency generator. A. M. Braaten. 2,066,027; Dec. 29.
- Constant level apparatus. F. Thomas. 2,059,417; Nov. 3.
- Constant voltage generator. F. F. Hutchinson. 2,034,470; Mar. 17.
- Construction, Art of. D. G. Underdown. 2,038,615; Apr. 28.
- Construction material. J. I. Broback and G. J. Martin. 2,065,045; Dec. 22.
- Construction material. C. A. Upson. 2,063,964; Dec. 15.
- Construction material and structure made therefrom. L. Oxhandler. 2,043,445; June 9.
- Constructional element for building. E. Groove. 2,063,159; Dec. 8.
- Constructional element, Space closing. F. A. Schadler. 2,045,055; June 23.
- Constructional material. A. C. Fischer. 2,065,439; Dec. 22.
- Contact apparatus. R. R. Collins. 2,051,545; Aug. 18.
- Contact apparatus and contacting liquid and gas. D. A. Sillers. 2,048,145; July 21.
- Contact apparatus for liquid and gas. W. P. Chandler, Jr. 2,048,179; July 21.
- Contact bank. A. Winther. 2,050,479; Aug. 11.
- Contact between liquids and gases, Apparatus for effecting intimate. W. P. Chandler, Jr. 2,039,950; May 5.
- Contact between liquids and gases, Method and apparatus for effecting. W. P. Chandler, Jr. 2,055,336; Sept. 22.
- Contact device. E. Habann. 2,027,277; Jan. 7.
- Contact-making demand meter. M. E. Reagan. 2,036,298; Apr. 7.
- Contact masses, Apparatus for. E. J. Houdry and R. H. Hammell. 2,045,600; June 30.
- Contact method of sulphuric acid manufacture. I. Hechenbleikner. 2,038,429; Apr. 21.
- Contact selector switch, Multiple. J. H. Todd. 2,036,731; Apr. 7.
- Contact. R. H. Schmitt. 2,064,631; Dec. 15.



Contacts for electric circuit breakers, switches, connectors and the like. G. E. Whitehead. 2,032,241; Feb. 25.

Container: See—

Accessories container. Ice cream service container.  
Article container. Insect poison container.  
Ash and cigarette container. Insulated container.  
Ash tray container. Knockdown container.  
Beer container. License plate container.  
Beverage container. Lime-cement container.  
Beverage shipping and storage container. Lipstick container.  
Bottle container. Liquid container.  
Box and shipping container. Material container.  
er. Merchandise container.  
Brush and lacquer container. Metal container.  
tainer. Metal shipping container.  
Cargo container. Metallic container.  
Cigarette container. Molded container.  
Closable container. Multicameral collapsible container.  
Clothing container. Multicompartment container.  
Coffee container. er.  
Collapsible container. Multiple container.  
Collapsible display container. Multiunit container.  
Composite glass container. Nonrefillable container.  
Convertible container. Novelty container.  
Cosmetic container. Paint brush container.  
Crate, casket, and similar container. Paper container.  
Destructible container. Plastic material container.  
Dispensing and measuring container. Portable container.  
Dispensing container. Pouring and storing container.  
Display card container. Pouring spout container.  
Display container. Powder container.  
Drop bottom container. Railway car type container.  
Dry ice container. Reinforced hydrated cellulose container.  
Duplex container. Rotary bulb container.  
Edible container. Safety cap container.  
End-closing container. Safety delivery container.  
Explosive container. Sanitary collapsible container.  
Fireworks tube container. Sanitary shipping container.  
Flower container. er.  
Fluid container. Sealable container.  
Folding container. Service container.  
Folding display container. Set-up container.  
Food container. Sheet metal container.  
Freight container. Shipping and display container.  
Fruit container. tainer.  
Heat exchanging container. Shipping container.  
Hermetically sealed container. Spouted container.  
Hood capping container. Spray container.  
Hygienic container. Storage battery container.  
Ice container. Tablet dispensing container.  
Ice cream container. Vacuum container.  
Container. J. E. Baechle. 2,056,947; Oct. 13.  
Container. J. M. Baer. 2,027,083; Jan. 7.  
Container. R. L. Bangs. 2,058,757; Oct. 27.  
Container. H. A. Barnby. 2,049,795; Aug. 4.  
Container. C. W. Barton. 2,028,751; Jan. 28.  
Container. P. F. Boeye. 2,044,048; June 16.  
Container. P. J. Brooks. 2,064,191; Dec. 15.  
Container. H. H. Breneman. 2,031,029; Feb. 18.  
Container. W. M. Brockenbrough and H. S. Norris. 2,052,750; Sept. 1.  
Container. H. L. Carpenter. 2,056,956; Oct. 13.  
Container. M. E. Clawson. 2,056,827; Oct. 6.  
Container. W. W. Cowgill and J. N. Pease. 2,061,613; Nov. 24.  
Container. M. M. Cunningham. 2,064,590; Dec. 15.  
Container. C. F. Davis. 2,060,754; Nov. 10.  
Container. R. I. Drake. 2,048,211; July 21.  
Container. J. M. Driver. 2,037,770; Apr. 21.  
Container. F. Eberhart. 2,047,951; July 21.  
Container. J. L. Engel. 2,064,526; Dec. 15.  
Container. H. A. Fink. 2,062,216; Nov. 24.  
Container. W. Froehlich. 2,054,157; Sept. 15.  
Container. G. K. Geerlings. 2,035,877; Mar. 31.  
Container. P. M. Gilfillan. 2,026,626; Jan. 7.  
Container. W. S. Grant. 2,034,809; Mar. 24.  
Container. C. H. Hansen. 2,027,430; Jan. 14.  
Container. S. D. Harris. 2,040,483; May 12.  
Container. S. S. Haynes. 2,054,080; Sept. 15.  
Container. A. R. Hodge. 2,030,295; Feb. 11.  
Container. G. K. Hoff, Jr. 2,046,628; July 7.  
Container. G. T. Horton and C. L. Day. 2,057,682; Oct. 20.  
Container. J. M. Hothersall. 2,054,817; Sept. 22.  
Container. J. M. Hothersall. 2,055,493; Sept. 29.  
Container. H. S. Howard. 2,034,469; Mar. 17.  
Container. R. J. and G. A. Hutt. 2,027,231; Jan. 7.  
Container. N. L. Jacobus. 2,064,120; Dec. 15.  
Container. M. P. Junkin. 2,044,701; June 16.  
Container. J. W. Kane, I. C. Keller, and M. E. Holy. 2,046,562; July 7.  
Container. G. Karlson. 2,054,981; Sept. 22.  
Container. A. Karlsson-Ygger. 2,058,592; Oct. 27.  
Container. G. J. Kessenich. 2,044,004; June 16.  
Container. L. and W. C. Kinsley, and N. B. Chaveas. 2,032,880; Mar. 3.  
Container. R. T. Lambert. 2,054,291; Sept. 15.

Container. V. K. LeComte. 2,026,946; Jan. 7.  
Container. E. Ljungström. 2,029,328; Feb. 4.  
Container. O. J. Lozo. 2,047,696; July 14.  
Container. H. J. McCaffrey and B. Carey. 2,035,327; Mar. 24.  
Container. H. McCarty. 2,035,560; Mar. 31.  
Container. E. W. Mears. 2,033,640; Mar. 10.  
Container. A. M. Meier and R. I. Drake. 2,032,296; Feb. 25.  
Container. C. E. Misfeldt. 2,051,736; Aug. 18.  
Container. B. P. Mulligan. 2,033,994; Mar. 17.  
Container. J. H. Murch. 2,054,094; Sept. 15.  
Container. K. L. Murray. 2,042,796; June 2.  
Container. C. A. Nave. 2,063,185; Dec. 8.  
Container. H. M. Nicholls. 2,056,977; Oct. 13.  
Container. N. Ottinger. 2,058,818; Oct. 27.  
Container. M. E. B. Owens. 2,047,701; July 14.  
Container. J. E. Page. 2,053,678-9; Sept. 8.  
Container. W. T. Parkin. 2,033,295; Mar. 10.  
Container. W. C. Purdy. 2,051,652; Aug. 18.  
Container. A. C. Ramsey. 2,033,151; Mar. 10.  
Container. W. A. Ringler. 2,046,483; July 7.  
Container. G. Roberts. 2,040,024; May 5.  
Container. L. C. Rood. 2,056,297; Oct. 6.  
Container. S. Rosen. 2,033,550; Mar. 10.  
Container. W. Ross and E. A. Rykenboer. 2,049,977; Aug. 4.  
Container. A. H. Schmidtke. 2,057,449; Oct. 13.  
Container. H. T. Scott. 2,047,891; July 14.  
Container. C. A. Simmons. 2,036,611; Apr. 7.  
Container. M. H. Smith. 2,053,847; Sept. 8.  
Container. C. W. Stillwell. 2,031,233; Feb. 18.  
Container. A. J. Tanner. 2,052,675; Sept. 1.  
Container. H. R. Thies. 2,064,767; Dec. 15.  
Container. K. E. Verhoven. 2,065,482-3; Dec. 22.  
Container. W. J. Wardell. 2,037,746; Apr. 21.  
Container. J. R. Watkins. 2,039,859; May 5.  
Container. I. L. Wilcox. 2,050,028; Aug. 4.  
Container. R. W. Wilmer. 2,035,735; Mar. 31.  
Container. S. K. Wolff. 2,054,959; Sept. 22.  
Container. S. A. Wood and F. D. Jonas. 2,041,274; May 19.  
Container. L. I. Yeomans. 2,027,137; Jan. 7.  
Container. J. M. Young. 2,039,374; May 5.  
Container agitating and sterilizing apparatus. A. L. Kronquest. 2,052,096; Aug. 25.  
Container and advertisement holder, Combination napkin. V. W. Cornelius. 2,059,090; Oct. 27.  
Container and apparatus therefor, Forming a. A. B. Wilson. 2,062,112; Nov. 24.  
Container and closure device therefor. H. A. Barnby. 2,044,602; June 16.  
Container and closure retainer therefor. D. C. Crain. 2,034,799; Mar. 24.  
Container and closure therefor. J. R. Bonhomme. 2,039,385; May 5.  
Container and closure therefor. F. L. Darling. 2,054,897; Sept. 22.  
Container and closure therefor. W. Horlick, Jr. 2,031,312; Feb. 18.  
Container and closure therefor. E. E. Lakso. 2,051,869; Aug. 25.  
Container and closure therefor, Dispensing. H. E. Van Ness. 2,032,776; Mar. 3.  
Container and closure therefor, Dispensing. H. E. Van Ness. 2,035,004; Mar. 24.  
Container and cooling means therefor. J. L. Kellogg. 2,030,005; Feb. 4.  
Container and dispenser. H. Kermin. 2,028,838; Jan. 28.  
Container and dispenser, Beverage. R. E. Kennedy. 2,052,807; Aug. 25.  
Container and dispenser, Combination razor blade. L. B. Morgan. 2,065,607; Dec. 29.  
Container and dispenser, Dentifrice. A. W. Beaumont and W. A. Shenton. 2,058,290; Oct. 20.  
Container and dispenser for cans containing condensed milk, sirup, fruit juices and the like. L. J. Kann. 2,053,370; Sept. 8.  
Container and forming the same. A. B. Wilson. 2,048,721; July 28.  
Container and heat insulating means therefor. J. L. Kellogg. 2,054,754; Sept. 15.  
Container and improved top therefor. F. J. Dolan. 2,033,187; Mar. 10.  
Container and lid operating means therefor, Sanitary. J. Robertson and G. H. Purdy. 2,046,486; July 7.  
Container and liquid-tight liner therefor. G. V. Haven. 2,045,354; June 23.  
Container and lock-cover therefor. L. Eisenman. 2,032,742; Mar. 3.  
Container and making same, Explosive charge. W. B. Hardigg. 2,044,780; June 23.  
Container and making the same. C. M. MacChesney. 2,042,346; May 26.  
Container and making the same, Metal. W. R. Robinson. 2,035,344; Mar. 24.  
Container and making the same, Metal. C. C. Soper. 2,065,480; Dec. 22.  
Container and making the same, Metallic. P. H. Meyer, L. Bethke and J. P. Walker. 2,035,714; Mar. 31.  
Container and making the same, Paper. R. Oliver. 2,052,109; Aug. 25.  
Container and method of sealing. G. Clark. 2,046,609; July 7.



- Container and preparing the same, Food. H. A. McIlvaine. 2,038,584; Apr. 28.
- Container and producing same, Glass. F. L. Darling. 2,032,920; Mar. 3.
- Container and producing same, Paper. W. E. Amberg. 2,056,893; Oct. 6.
- Container and rim therefor. C. M. MacChesney. 2,047,740; July 14.
- Container and serving tray, Combined beverage. H. Lehman. 2,056,943; Oct. 13.
- Container and spreader, Glue. S. A. Brown. 2,028,084; Jan. 14.
- Container and traveling-case, Combination article display. W. J. Engel. 2,033,761; Mar. 10.
- Container and welding the same, Fluid. A. Marland. 2,039,255; Apr. 28.
- Container bodies, Making. J. M. Hothersall. 2,056,192; Oct. 6.
- Container closure. R. B. Bukolt. 2,044,276; June 16.
- Container closure. B. Cohn. 2,058,214; Oct. 20.
- Container closure. B. F. Conner and W. F. Schmalz. 2,054,031; Sept. 8.
- Container closure. J. B. Eisen. 2,026,937; Jan. 7.
- Container closure. W. Erhard. 2,029,020; Jan. 28.
- Container closure. J. M. King. 2,036,278; Apr. 7.
- Container closure. H. B. Korwan. 2,058,468; Oct. 27.
- Container closure. T. McPhail. 2,035,329-30; Mar. 24.
- Container closure. W. T. Parkin. 2,044,508; June 16.
- Container closure. C. H. Rasmussen. 2,031,979; Feb. 25.
- Container closure. S. H. Stupakoff. 2,034,596; Mar. 17.
- Container closure applying apparatus. A. I. Risser. 2,031,735; Feb. 25.
- Container closure means. B. F. Conner and W. F. Schmalz. 2,054,032-4; Sept. 8.
- Container closure means. W. F. Schmalz. 2,053,498; Sept. 8.
- Container closure means. S. J. Teller. 2,054,012; Sept. 8.
- Container closures, Making. J. M. Young. 2,037,747; Apr. 21.
- Container construction. P. E. de Merce. 2,059,318; Nov. 3.
- Container construction. R. A. Dorsey. 2,041,170; May 19.
- Container cover. E. M. Squarey. 2,048,084; July 21.
- Container cover fastener. J. J. Miller. 2,030,069; Feb. 11.
- Container cover fastener. J. J. Miller. 2,032,374; Mar. 3.
- Container covers, Apparatus for use with. A. B. Cunard. 2,060,726; Nov. 10.
- Container cushioning means for container cars. G. C. Woodruff. 2,057,223; Oct. 13.
- Container feeding mechanism. J. J. Gaynor. 2,033,628; Mar. 10.
- Container filling machine. R. A. Jones. 2,051,483; Aug. 18.
- Container fitting. R. S. Rheem. 2,031,351; Feb. 18.
- Container fitting, Steel. L. W. Evans. 2,031,350; Feb. 18.
- Container for a liquid. C. O. R. Michel and A. C. Hunkeler. 2,062,897; Dec. 1.
- Container for asphalt. J. M. Sanders. 2,047,385; July 14.
- Container for bakery products. I. Bach and L. M. Lipowsky. 2,042,288; May 26.
- Container for beer, Making a metal. A. L. Kronquest. 2,047,076; July 7.
- Container for bulk shipment of lading in less than carload lots. N. S. Reeder and J. G. Morrissey. 2,035,838; Mar. 31.
- Container for carbon dioxide blocks. J. W. Lucas. 2,062,589; Dec. 1.
- Container for dry material. W. J. N. Cowley. 2,043,924; June 9.
- Container for explosives. C. O. Rison. 2,031,505; Feb. 18.
- Container for extractors, Removable. O. W. Johnson. 2,059,461; Nov. 3.
- Container for first aid equipment. F. Gluckstein. 2,062,973; Dec. 1.
- Container for fragile articles. W. H. Inman. 2,056,195; Oct. 6.
- Container for fragile articles. H. C. Stevenson. 2,038,454; Apr. 21.
- Container for frozen confections. A. C. Wood. 2,032,783; Mar. 3.
- Container for fruit or the like. E. H. Peters. 2,062,794; Dec. 1.
- Container for heavy bulk materials. E. Watson. 2,036,987; Apr. 7.
- Container for hydrogen peroxide. M. E. Bretschger. 2,056,894; Oct. 6.
- Container for ice cream, etc. I. Stone. 2,034,067; Mar. 17.
- Container for lip sticks and the like. A. Limbach. 2,031,839; Feb. 25.
- Container for liquids. R. J. Anschicks. 2,065,785; Dec. 29.
- Container for lubricating oil. W. V. Myers. 2,040,625; May 12.
- Container for mayonnaise and the like, Dispensing. H. P. Hall. 2,065,131; Dec. 22.
- Container for medicinal tablets. F. J. O'Brien. 2,048,617; July 21.
- Container for medicine tablets. G. H. Mosby. 2,049,921; Aug. 4.
- Container for metal sheets or like metallic goods during the process of heat treatment, Protective. J. Fallon. 2,033,822; Mar. 10.
- Container for pressure propelled liquids. V. J. Hill, Jr. 2,036,698; Apr. 7.
- Container for pulverulent materials. R. B. Scoles. 2,054,302; Sept. 15.
- Container for silk cops, Shipping. M. D. Lee. 2,063,319; Dec. 8.
- Container for thread bodies. P. Plunkett. 2,031,851; Feb. 25.
- Container for toilet paper, Dispensing. A. Materno. 2,033,582; Mar. 10.
- Container for toothbrushes, Antiseptic. B. B. V. Lyon. 2,043,629; June 9.
- Container for wrenches, Display. T. O. Rueb. 2,032,331; Feb. 25.
- Container handle. O. L. Wenderoth. 2,039,574; May 5.
- Container handling apparatus. L. De Markus and F. A. Fouser. 2,036,796; Apr. 7.
- Container handling machine. G. J. Meyer and G. L. N. Meyer. 2,043,763; June 9.
- Container holder. F. J. Twiss. 2,030,775; Feb. 11.
- Container jacket for refrigerators, Metallic ice cream. L. Schleier. 2,052,726; Sept. 1.
- Container lifting device. G. C. Woodruff. 2,063,651; Dec. 8.
- Container made of paper and making such container. M. E. Gazette. 2,037,777; Apr. 21.
- Container of asphaltic and oily materials, Freeing a. A. B. Butterworth. 2,045,752; June 30.
- Container opening device. J. D. Webber. 2,046,309; June 30.
- Container or carton. H. M. Ware. 2,063,645; Dec. 8.
- Container or the like, Collapsible. A. Pischke. 2,028,843; Jan. 28.
- Container ring. R. E. Ljungkull. 2,049,654; Aug. 4.
- Container sealing means. G. J. Meyer. 2,035,179; Mar. 24.
- Container seam. F. Krueger. 2,065,282; Dec. 22.
- Container unit, Food. L. H. Scurlock. 2,030,899; Feb. 18.
- Container unit, Food. L. H. Scurlock. 2,042,637; June 2.
- Container vent. P. Hetenyi. 2,060,866; Nov. 17.
- Containers against leakage and tampering, Sealing. E. E. Shanor. 2,028,107; Jan. 14.
- Containers and similar open top receptacles, Molding battery. A. R. Lukens. 2,039,096; Apr. 28.
- Containers, Apparatus and method for setting up. W. K. Andrew and R. I. Drake. 2,027,664; Jan. 14.
- Containers, Apparatus for and method of making pouch-like. J. C. Thom. 2,059,416; Nov. 3.
- Containers, Apparatus for cleaning. J. G. Carriere and L. Rosenstein. 2,064,373; Dec. 15.
- Containers, Apparatus for collapsing flexible. F. R. McConnon. 2,037,138; Apr. 14.
- Containers, Apparatus for filling. S. F. Anderson. 2,042,453; June 2.
- Containers, Apparatus for filling. E. H. Staber. 2,048,897; July 28.
- Containers, Apparatus for making. H. T. Kraft. 2,031,418; Feb. 18.
- Containers, Apparatus for making paper. H. Cross and E. E. Bussey. 2,032,870; Mar. 3.
- Containers, Apparatus for reshaping used sheet metal. C. D. Lennon. 2,061,034; Nov. 17.
- Containers, Apparatus for stapling. D. R. La Place. 2,057,782; Oct. 20.
- Containers, Apparatus for unloading liquid. J. J. Tokheim. 2,055,954; Sept. 29.
- Containers, Apparatus for vacuumizing and gassing. W. H. Morgan. 2,064,678; Dec. 15.
- Containers, Closing metal. W. F. Punte. 2,037,923; Apr. 21.
- Containers, conduits and the like, Locking. E. M. Hulme. 2,063,678; Dec. 8.
- Containers, Device for cleaning and washing. T. H. Whisler and E. H. Robinson. 2,037,870; Apr. 21.
- Containers, Discharging fluid pressure. S. E. Allen. 2,047,049; July 7.
- Containers, Discharging of stored pressure medium. D. Mapes. 2,059,969; Nov. 3.
- Containers, Fabricating. L. E. La Bombard. 2,033,888; Mar. 10.
- Containers, Forming. B. O. Templeton. 2,055,185; Sept. 22.
- Containers, Forming metal. J. F. Werder. 2,031,085; Feb. 18.
- Containers, Forming paper. R. K. Reed. 2,053,299; Sept. 8.
- Containers, Heat treating welded. H. S. Blumberg. 2,029,807; Feb. 4.
- Containers in shells, Device to secure ice cream. R. Woodall. 2,050,909; Aug. 11.
- Containers, Making. C. Barbieri. 2,049,419; Aug. 4.
- Containers, Making nonmetallic. H. T. Kraft. 2,041,357; May 19.
- Containers, Manufacture of thin-walled light. J. Keulers. 2,062,910; Dec. 1.
- Containers, Manufacturing. W. L. Rutkowski. 2,050,019; Aug. 4.
- Containers, Manufacturing paper. G. Meyer-Jagenberg. 2,065,975; Dec. 29.
- Containers, Method and apparatus for making. G. F. Ford and W. F. Pittman. 2,065,441; Dec. 22.



- Containers, Method and apparatus for producing. J. A. Wagner. 2,038,618; Apr. 28.
- Containers, Method and apparatus for surface treating glass. U. E. Bowes. 2,046,302; June 30.
- Containers, Method of and machines for making. G. E. West. 2,042,975; June 2.
- Containers, Producing. H. B. Rudd. 2,041,516; May 19.
- Containers, Producing partitioned glass. N. R. Beck. 2,065,504; Dec. 29.
- Containers, Separating and delivering. C. S. Brandenburg. 2,059,546; Nov. 3.
- Containers, Setting-up collapsible. E. W. Barnard. 2,031,090; Feb. 18.
- Containers with baked fruits and the like, Filling. J. M. Landes. 2,051,514; Sept. 15.
- Containers with paper hoops, Forming. S. Smith. 2,060,642; Nov. 10.
- Continuous bleaching process. P. V. Comey. 2,037,119; Apr. 14.
- Continuous draft gear. C. E. and M. Alma. 2,043,344; June 9.
- Continuous filter. N. H. Hiller and E. B. McCabe. 2,053,664; Sept. 8.
- Continuous filter. R. W. Richardson. 2,030,538; Feb. 11.
- Continuous furnace. W. A. Morton and H. F. Spencer. 2,056,904; Oct. 6.
- Continuous machine for printing floor and wall coverings. T. Pesci. 2,031,063; Feb. 18.
- Continuous mixer. J. Apple. 2,048,913; July 28.
- Continuous rolling mill. W. Rohn. 2,036,101; Mar. 31.
- Continuous rotary filter. P. C. Keith, Jr., H. O. Forrest, and L. Van Horn. 2,050,007; Aug. 4.
- Continuous strip annealing furnace. H. C. Greer, H. C. Cappel, R. W. Shoemaker, S. Nyberg, A. Friedman and M. M. Rose. 2,035,312; Mar. 24.
- Continuous torque impulse motor. S. Ruben. 2,063,340; Dec. 8.
- Contrast, Method and apparatus for determining. C. M. Tuttle. 2,043,908; June 9.
- Contrasts by means of diazonium compounds, Obtaining. J. H. DeBoer, C. J. Dippel, and R. J. H. Alink. 2,034,508; Mar. 17.
- Contrivance for reversing the direction taken by gas of regenerative coke ovens. P. Van Ackeren. 2,054,183; Sept. 15.
- Control. R. A. Dempsey and W. Halkenhausner. 2,048,924; July 28.
- Control and automatic control apparatus, Method of automatic. A. Ivanoff and G. P. E. Howard. 2,053,034; Sept. 1.
- Control and protection of electric circuits. W. J. McLachlan. 2,027,189; Jan. 7.
- Control and protection of electric circuits. H. R. Searing. 2,027,204; Jan. 7.
- Control and protection of electric circuits. F. M. Starr. 2,027,209; Jan. 7.
- Control and safety system for strand working apparatus. E. W. Larsen. 2,047,374; July 14.
- Control apparatus. P. P. Cioffi. 2,045,438; June 23.
- Control apparatus. F. H. Gulliksen. 2,044,164; June 16.
- Control apparatus. C. E. Haller. 2,057,485; Oct. 13.
- Control apparatus. O. T. Handwerk. 2,065,220; Dec. 22.
- Control apparatus. A. L. Pfeil. 2,047,702; July 14.
- Control apparatus. E. C. Raney. 2,044,736; June 16.
- Control apparatus. A. F. Spitzglass and O. T. Handwerk. 2,050,813; Aug. 11.
- Control apparatus, Automatic. C. H. Fennell and J. M. Main. 2,039,526; May 5.
- Control apparatus, Automatic. A. Ivanoff and G. P. E. Howard. 2,064,753; Dec. 15.
- Control apparatus, Automatic. P. J. McCullough. 2,030,146; Feb. 11.
- Control apparatus, Electric. J. Ostermeier and J. Michel. 2,027,399; Jan. 14.
- Control apparatus for centrifugals. E. Roberts. 2,037,655; Apr. 14.
- Control apparatus for engine starters. J. B. Dyer. 2,062,970; Dec. 1.
- Control apparatus for engine starters. J. B. Dyer and J. L. Arthur. 2,041,171; May 19.
- Control apparatus for fuel burners, Electric. L. M. Persons. 2,034,309; Mar. 17.
- Control apparatus for fuel burners, Electric. L. M. Persons. 2,040,402; May 12.
- Control apparatus for fuel burners, Electric. A. L. Rubel. 2,034,311; Mar. 17.
- Control apparatus for gas burners, Safety. G. Hegwein. 2,037,684; Apr. 14.
- Control apparatus for looms. R. Rossmann. 2,051,902; Aug. 25.
- Control apparatus for vehicles of the Diesel-electric type. O. Simmen. 2,060,900; Nov. 17.
- Control apparatus, Pressure-actuated. S. S. Weeks. 2,053,885; Sept. 8.
- Control apparatus, Remote. N. F. Agnew. 2,052,336; Aug. 25.
- Control arrangement for aircraft, Automatic. E. Fischel. 2,051,837; Aug. 25.
- Control assembly. J. D. Baldwin, Jr. 2,044,492; June 16.
- Control, Automatic exposure. J. Karg. 2,061,909; Nov. 24.
- Control, Automatic fidelity. J. S. Starrett. 2,054,839; Sept. 22.
- Control by fluid transmission, Remote. J. W. Richbourg. 2,036,100; Mar. 31.
- Control by integration. H. J. Smith. 2,044,127; June 16.
- Control device. B. A. Brown, C. H. Kindl, and R. C. Kestle. 2,041,161; May 19.
- Control device. E. J. Dillman. 2,062,262; Nov. 24.
- Control device. L. W. Eggleston. 2,031,408; Feb. 18.
- Control device. L. W. Eggleston and E. J. Dillman. 2,044,729; June 16.
- Control device. R. W. Goff. 2,064,657; Dec. 15.
- Control device. A. L. Hoover. 2,057,027; Oct. 13.
- Control device. A. H. Lamb. 2,062,915; Dec. 1.
- Control device. R. Lewis. 2,042,609; June 2.
- Control device. L. M. Manley. 2,056,287; Oct. 6.
- Control device. H. A. Mantz. 2,037,810; Apr. 21.
- Control device. H. A. Mantz. 2,040,864; May 19.
- Control device. R. E. McClure. 2,050,720; Aug. 11.
- Control device. L. M. Persons. 2,030,932; Feb. 18.
- Control device. N. C. Schellenger. 2,059,712; Nov. 3.
- Control device. N. C. Schellenger and M. B. Arisman. 2,063,343; Dec. 8.
- Control device. R. A. Tollefsen. 2,041,579; May 19.
- Control device. F. S. Williams. 2,053,886; Sept. 8.
- Control device. R. K. Winning. 2,030,672; Feb. 11.
- Control device. J. L. Woodworth. 2,064,644; Dec. 15.
- Control device for can machinery. W. J. Philip. 2,061,589; Nov. 24.
- Control device for one or more machines. J. M. van Cappelles. 2,060,433; Nov. 10.
- Control device for picker sticks. H. A. Turner. 2,057,750; Oct. 20.
- Control device for power laundry washers. P. F. Schaum. 2,026,850; Jan. 7.
- Control device for radio receiving sets, Remote. E. L. Barrett. 2,046,911; July 7.
- Control device for railway traffic controlling systems. S. N. Wight. 2,038,093; Apr. 21.
- Control device for shower nozzles. R. Hetherington. 2,052,399; Aug. 25.
- Control device for the pneumatic cleaning of coal, Automatic. D. Spinetta. 2,038,138; Apr. 21.
- Control device for variable ratio transmissions. G. Fleischel. 2,051,553; Aug. 18.
- Control device for wells. R. G. Cullen. 2,043,428; June 9.
- Control device, Two-hand. H. E. Page. 2,046,531; July 7.
- Control, Emergency-brake and gear-shift. B. C. Roehrl. 2,039,553; May 5.
- Control fixture, Combined diverting and hot-cold. E. S. Cornell, Jr. 2,031,932; Feb. 25.
- Control for a radio set. E. C. Booth. 2,046,605; July 7.
- Control for air conditioning systems. G. F. Drake. 2,039,300; May 5.
- Control for airplanes, Lateral. F. E. Weick and J. A. Shortal. 2,034,218; Mar. 17.
- Control for billing machines, Record. F. Potter, Jr. 2,038,381; Apr. 21.
- Control for cameras, Exposure. C. M. Tuttle. 2,058,532; Oct. 27.
- Control for change gears, Interlocking. H. P. Grohn. 2,039,407; May 5.
- Control for crankcase ventilation. W. H. Welch, Jr. 2,056,755; Oct. 6.
- Control for die casting machines for plastic masses. H. Gastrow. 2,035,801; Mar. 31.
- Control for directing projected light, Remote. J. Levy. 2,054,224; Sept. 15.
- Control for drill spindles, Simplified. L. L. Schauer. 2,065,476; Dec. 22.
- Control for electric circuits. E. D. Lilja. 2,062,135; Nov. 24.
- Control for electric scoreboards. M. H. Spicer. 2,060,431; Nov. 10.
- Control for electric spot welding, System of. J. P. Tarbox. 2,034,275; Mar. 17.
- Control for engine starting mechanism, Hand. I. M. Crafts and C. B. Taylor. 2,047,573; July 14.
- Control for fluid operated devices. A. A. Hodgkins. 2,056,006; Sept. 29.
- Control for fluid power plants. H. H. Fitch. 2,053,330; Sept. 8.
- Control for gas water heaters, Electrical. F. Schubert. 2,056,021; Sept. 29.
- Control for heat generators. J. J. Sloyan. 2,031,335; Feb. 18.
- Control for heating systems. R. E. Young. 2,055,641; Sept. 29.
- Control for high pressure tanks, Remote. F. B. Stover. 2,043,632; June 9.
- Control for hydraulic steering gears. R. Erling. 2,028,089; Jan. 14.
- Control for hydraulic vehicle braking systems. A. J. Sinclair. 2,058,266; Oct. 20.
- Control for internal combustion engines, Remote. E. R. Witzel and R. L. Humbert. 2,042,755; June 2.
- Control for machine tools, Power. J. J. Mellon. 2,065,820; Dec. 29.
- Control for moving tape. J. H. Chidester. 2,033,611; Mar. 10.
- Control for oil burners or similar apparatus. C. M. Stroud. 2,045,883; June 30.
- Control for oil pumps and the like, Automatic. H. J. Hammerly. 2,059,102; Oct. 27.
- Control for power operated wringers. E. I. Tooker. 2,055,225; Sept. 22.
- Control for presses, Tandem. J. P. Singiser. 2,043,497; June 9.



- Control for pressing machines. J. M. Dewey. 2,043,467-9; June 9.
- Control for radiators. R. H. Thomas. 2,028,173; Jan. 21.
- Control for radio apparatus. G. M. Rosenblum. 2,059,279; Nov. 3.
- Control for radio receivers, Automatic. R. C. Avery. 2,035,255; Mar. 24.
- Control for radio receivers, Remote. H. W. West. 2,044,927; June 23.
- Control for radio receiving sets, Remote. E. L. Barrett. 2,046,910; July 7.
- Control for refrigerating apparatus, Automatic. J. R. Replogle. 2,038,198; Apr. 21.
- Control for shuttle changing mechanism for looms. W. Van D. Jewett. 2,033,636; Mar. 10.
- Control for sliding wheels. E. S. Cook and C. F. Hammer. 2,038,145; Apr. 21.
- Control for steam heating systems, Combined pressure and temperature. F. C. Broderick. 2,049,288; July 28.
- Control for toric friction transmission. J. O. Almen and W. D. Gove. 2,045,558; June 23.
- Control for vapor heating systems, Automatic. S. Vernet. 2,028,261; Jan. 21.
- Control for vessels. W. B. Klemperer and H. R. Liebert. 2,058,803; Oct. 27.
- Control for washing machines, Automatic. A. F. Hanney. 2,055,254; Sept. 22.
- Control for welding apparatus. R. Notvest. 2,043,331; June 9.
- Control gearing. P. Wilsing. 2,052,815; Sept. 1.
- Control head for indicators. B. B. Holmes. 2,032,018; Feb. 25.
- Control lever for agricultural implements, Collapsible. E. J. Kuckuck. 2,042,789; June 2.
- Control means. O. F. Carlson. 2,061,270; Nov. 17.
- Control means. T. B. Tyler. 2,054,574; Sept. 15.
- Control means. D. D. Wile. 2,061,530; Nov. 17.
- Control means, Air suction. B. Angradi. 2,064,871; Dec. 22.
- Control means, Automatic. W. S. Brubaker and A. J. Saarinen. 2,046,304; June 30.
- Control means for air conditioning apparatus, Condensate. C. R. Neeson and A. S. Locke. 2,048,282; July 21.
- Control means for brakes. R. V. Morse. 2,035,614; Mar. 31.
- Control means for combination with electric service plugs, Timed governed. J. A. Hart. 2,053,993; Sept. 8.
- Control means for garment or ironing presses. E. Davis. 2,028,379; Jan. 21.
- Control means for harvesters or the like mechanism. O. L. Starr. 2,049,673; Aug. 4.
- Control means for highway crossing signals. N. D. Preston. 2,051,418; Aug. 18.
- Control means for hydraulic press operating circuits. W. Ernst. 2,039,893; May 5.
- Control means for motor operated apparatus. P. E. Franz. 2,038,076; Apr. 21.
- Control means for radial drills, Head mounted. L. L. Schauer. 2,065,477; Dec. 22.
- Control means for radio receiving sets, Key operated. E. R. Stoeckle. 2,039,123; Apr. 28.
- Control means for refrigeration systems. E. Zurcher. 2,060,774; Nov. 10.
- Control means for signal control transmission systems. H. D. Newton. 2,065,344; Dec. 22.
- Control means for telegraph printers and projectors. R. F. Dirkes and E. R. Wheeler. 2,027,026; Jan. 7.
- Control mechanism. R. S. Austin. 2,045,821; June 30.
- Control mechanism. J. L. Bisch. 2,040,425; May 12.
- Control mechanism. R. C. Blaylock. 2,056,999; Oct. 13.
- Control mechanism. M. E. Brendel. 2,032,113; Feb. 25.
- Control mechanism. H. L. Colby. 2,056,420; Oct. 6.
- Control mechanism. E. T. Dahl. 2,030,502; Feb. 11.
- Control mechanism. E. T. Dahl. 2,050,279; Aug. 11.
- Control mechanism. W. A. Eaton. 2,062,089; Nov. 24.
- Control mechanism. W. S. Fisher. 2,034,335; Mar. 17.
- Control mechanism. L. C. Hanson. 2,055,764; Sept. 29.
- Control mechanism. V. W. Klierath and R. S. Sanford. 2,064,612; Dec. 15.
- Control mechanism. W. H. Kniskern. 2,062,095; Nov. 24.
- Control mechanism. C. B. Kurtz. 2,049,301; July 28.
- Control mechanism. J. F. Lamb. 2,047,827; July 14.
- Control mechanism. A. A. Marks. 2,041,559; May 19.
- Control mechanism. L. R. Smith. 2,049,329; July 28.
- Control mechanism, Automatic. A. C. Durdin, Jr. 2,043,096; June 2.
- Control mechanism, Automatic. K. F. Wagner. 2,029,349; Feb. 4.
- Control mechanism for air conditioning apparatus. W. A. Bulger. 2,059,846; Nov. 3.
- Control mechanism for aircraft. P. M. Lewis and F. Landgraf. 2,058,161; Oct. 20.
- Control mechanism for airplanes. B. Malinowski. 2,046,570; July 7.
- Control mechanism for automobiles. M. A. Weyland. 2,040,192; May 12.
- Control mechanism for auxiliary wing flaps. R. R. Osborn. 2,040,496; May 12.
- Control mechanism for bottle feeding conveyers. M. H. Nussbaum. 2,052,840; Sept. 1.
- Control mechanism for burners. N. T. Branche. 2,032,046; Feb. 25.
- Control mechanism for carburetors of internal combustion engines. H. E. Jacoby and H. Nüssli. 2,055,539; Sept. 29.
- Control mechanism for concrete mixers and analogous apparatus. A. E. Miller and S. Shafer, Jr. 2,028,988; Jan. 28.
- Control mechanism for fluid pressure actuated devices. F. G. Folberth and W. M. Folberth. 2,039,076; Apr. 28.
- Control mechanism for garment pressing machines. A. F. Hanney. 2,029,715; Feb. 4.
- Control mechanism for ironers. R. D. Quinn and C. E. Morgenstern. 2,054,946; Sept. 22.
- Control mechanism for loom stop motions. J. P. Costello. 2,065,851; Dec. 29.
- Control mechanism for machine tools. A. Oberhoffken and H. Hanitz. 2,029,335; Feb. 4.
- Control mechanism for machine tools and the like. A. Oberhoffken. 2,030,890; Feb. 18.
- Control mechanism for presses. K. F. Wagner. 2,063,644; Dec. 8.
- Control mechanism for pressing machines. J. P. Daly. 2,053,023; Sept. 1.
- Control mechanism for radio receiving sets, Selective. F. J. Dwyer. 2,051,438; Aug. 18.
- Control mechanism for recording devices. R. R. Chappell and R. J. Streb. 2,049,688; Aug. 4.
- Control mechanism for the loose course motion of flat knitting machines. A. W. Mutchler and H. J. Straussberger. 2,057,046; Oct. 13.
- Control mechanism for the transmission of a milling machine. L. F. Nenninger and B. Sassen. 2,054,165; Sept. 15.
- Control mechanism for variable volume compressors. W. W. Schroeder. 2,034,272; Mar. 17.
- Control mechanism for washing machines and the like. L. E. Mattern. 2,035,083; Mar. 24.
- Control mechanism, Motorized. W. H. Gille. 2,032,658; Mar. 3.
- Control method and apparatus for achieving uniformity of average conditions, Integrating. R. W. Brown. 2,051,781; Aug. 18.
- Control of a ponderable object from a control element, Positional. B. A. Wittkuhn and H. L. Hull. 2,047,988; July 21.
- Control of aircraft. E. A. Stalker. 2,049,573; Aug. 4.
- Control of aircraft, Aerodynamic. E. A. Stalker. 2,049,572; Aug. 4.
- Control of catalytic reactions. J. W. Harrison and T. B. Prickett. 2,031,600; Feb. 25.
- Control of clutches in automobiles. F. A. Joseph. 2,057,491; Oct. 13.
- Control of direct current electric motors. G. M. Pestarini. 2,055,304; Sept. 22.
- Control of electric circuits. J. H. Miles. 2,049,308; July 28.
- Control of fluid pressure devices. R. Erling. 2,027,356; Jan. 7.
- Control of gunfire, Apparatus for the. E. W. Chafee, H. Murtagh, and S. G. Myers. 2,065,303; Dec. 22.
- Control of railway points, signals, and the like, Apparatus for the remote. J. Woodforde. 2,040,539; May 12.
- Control of the supply of liquid fuel to the air charge of internal combustion engines. H. R. Ricardo. 2,035,569; Mar. 31.
- Control structure. W. W. Stuart. 2,037,155; Apr. 14.
- Control subordinator for tracer controlled machines, Automatic manual. J. C. Campbell. 2,039,294; May 5.
- Control switch, Electrically locked. J. F. Merkel. 2,049,397; July 28.
- Control system. H. L. Bernarde. 2,044,146; June 16.
- Control system. E. M. Bouton. 2,057,511; Oct. 13.
- Control system. E. Dozler. 2,037,565; Apr. 14.
- Control system. E. Dozler. 2,056,040; Sept. 29.
- Control system. M. A. Edwards. 2,056,348; Oct. 6.
- Control system. R. S. Elbert, Jr. 2,045,381; June 23.
- Control system. C. H. Freese. 2,053,951; Sept. 8.
- Control system. R. W. Gemmell. 2,053,428; Sept. 8.
- Control system. D. E. Harnett. 2,038,359; Apr. 21.
- Control system. H. Heymann. 2,060,672; Nov. 10.
- Control system. R. L. Kimball. 2,027,234; Jan. 7.
- Control system. J. F. Kovalsky. 2,032,176; Feb. 25.
- Control system. H. B. La Roque. 2,053,155; Sept. 1.
- Control system. A. R. Locke. 2,044,006; June 16.
- Control system. J. S. Locke. 2,054,331; Sept. 15.
- Control system. H. S. Ogden. 2,054,683; Sept. 15.
- Control system. H. S. Ogden and J. J. Casby. 2,045,485; June 23.
- Control system. J. B. Parsons. 2,063,049; Dec. 8.
- Control system. F. B. Powers and C. C. Whittaker. 2,030,119; Feb. 11.
- Control system. N. C. Price. 2,064,494; Dec. 15.
- Control system. M. J. P. Royer. 2,046,970; July 7.
- Control system. D. R. Shoults. 2,052,255-6; Aug. 25.
- Control system. A. J. Sorensen and L. R. Allison. 2,055,563; Sept. 29.
- Control system. D. R. Staples and S. E. Newhouse. 2,039,038; Apr. 28.
- Control system. E. D. Stirlen and C. D. Geer. 2,049,526; Aug. 4.
- Control system. A. Suksdorf. 2,041,576; May 19.
- Control system. D. G. Taylor. 2,038,067; Apr. 21.
- Control system. L. A. Umansky. 2,060,647; Nov. 10.
- Control system. C. P. West. 2,057,463; Oct. 13.
- Control system. A. L. Whiteley. 2,052,263; Aug. 25.



- Control system, Air-operated. K. H. Hubbard. 2,065,702; Dec. 29.
- Control system and apparatus. H. F. Parker. 2,059,271; Nov. 3.
- Control system and apparatus. J. F. Tritle. 2,064,637; Dec. 15.
- Control system, Automatic. R. R. Brooks, N. H. Willby, and B. O. Austin. 2,044,149; June 16.
- Control system, Automatic. P. O. Farnham. 2,047,166; July 7.
- Control system, Automatic. P. O. Farnham. 2,052,613; Sept. 1.
- Control system, Automatic. T. R. Harrison. 2,058,585; Oct. 27.
- Control system, Automatic. C. B. Myhre. 2,050,367; Aug. 11.
- Control system, Automatic. Le R. A. Washburn. 2,046,712; July 7.
- Control system, Automatic. C. Wilhelm. 2,046,860; July 7.
- Control system, Electric. F. W. Lyle. 2,042,234; May 26.
- Control system for a group of elevators. W. F. Eames. 2,057,480; Oct. 13.
- Control system for air conditioning apparatus. R. J. Ridge. 2,048,711; July 28.
- Control system for aircraft, Lateral. E. T. Allen, A. L. Klein, C. B. Milliken, and J. K. Northrop. 2,054,961; Sept. 22.
- Control system for arc welding. W. E. Pakala. 2,036,233; Apr. 7.
- Control system for atomizing and lifting oil with gas, Automatic. B. H. Scott. 2,030,159; Feb. 11.
- Control system for automatic stokers. S. C. Shipley. 2,063,898; Dec. 15.
- Control system for automobile lights, Automatic. G. Paulson. 2,029,502; Feb. 4.
- Control system for boiler furnaces. G. W. Smith. 2,028,812; Jan. 28.
- Control system for classification yards. N. C. L. Brown. 2,045,695; June 30.
- Control system for clocks, Electric. L. S. Harrison. 2,053,077; Sept. 1.
- Control system for electric motor. J. F. Frese. 2,064,303; Dec. 15.
- Control system for electric motors, Automatic. H. L. Van Valkenburg. 2,028,259; Jan. 21.
- Control system for electric supply networks, Remote. E. Hallowell. 2,029,069; Jan. 28.
- Control system for electric welders. J. V. Caputo. 2,052,965; Sept. 1.
- Control system for electron emission. T. W. Sukumlyn. 2,061,113; Nov. 17.
- Control system for frequency converters. R. Notvest. 2,063,824; Dec. 8.
- Control system for gaseous discharge device. E. D. McArthur. 2,039,102; Apr. 28.
- Control system for heaters. T. A. Wetzel. 2,026,720; Jan. 7.
- Control system for pipe lines. H. Thomas. 2,049,233; July 28.
- Control system for railway traffic controlling devices. O. S. Field. 2,056,138; Sept. 29.
- Control system for road working machines, Hydraulic. H. C. Buffington. 2,059,205; Nov. 3.
- Control system having stabilizing and anticipatory features. O. C. Abbott and F. A. Faust. 2,062,437; Dec. 1.
- Control system particularly for an indicia-bearing web. K. L. Curtis. 2,043,239; June 9.
- Control system, Remote. G. A. Moffett. 2,060,772; Nov. 10.
- Control system, Supervisory. J. H. Oliver. 2,059,896; Nov. 3.
- Control system, Supervisory. J. O'D. Shepherd. 2,057,541; Oct. 13.
- Control system, Two-hand. E. D. Rapisarda. 2,052,795; Sept. 1.
- Control unit for electrical game devices. F. S. Riley and A. T. Hamilton. 2,038,854; Apr. 28.
- Control unit for linecasting and composing machines. R. A. Thienemann. 2,060,838; Nov. 17.
- Control valve. J. Bystricky and W. Schmid. 2,056,250; Oct. 6.
- Control valve. V. A. Rohlin and F. M. Patterson. 2,037,540-1; Apr. 14.
- Control valve. A. C. Rowley. 2,033,084; Mar. 3.
- Control valve, Fluid pressure. F. M. Stout and W. P. Cunningham. 2,034,216; Mar. 17.
- Control valve, Quick service. J. Canetta. 2,065,210; Dec. 22.
- Controlled system using sublimating refrigerant. R. V. Grayson. 2,046,451; July 7.
- Controller. H. S. Ogden. 2,064,626; Dec. 15.
- Controller. W. R. Perry. 2,035,402; Mar. 24.
- Controller. C. L. Perry. 2,059,023; Oct. 27.
- Controller for internal combustion engine starters, Automatic. G. B. Sayre. 2,064,358; Dec. 15.
- Controller for printing presses. E. H. Laabs. 2,029,726; Feb. 4.
- Controlling and lubricating mechanism. G. T. Watt. 2,039,695; May 5.
- Controlling and recording instrument. A. F. Spitzglass. 2,052,511; Aug. 25.
- Controlling apparatus, Automatic. L. F. Day. 2,036,025; Mar. 31.
- Controlling apparatus for automobile engines. M. Ury. 2,031,139; Feb. 18.
- Controlling apparatus for fluid-pressure motors. F. O. De Millar. 2,057,086; Oct. 13.
- Controlling apparatus for highway crossing signals. J. J. Vanhorn. 2,061,785; Nov. 24.
- Controlling apparatus for refrigerating systems. A. D. Karr. 2,052,305; Aug. 25.
- Controlling device. L. Wenzler. 2,030,038; Feb. 4.
- Controlling device, Automatic. J. D. Ross. 2,026,596; Jan. 7.
- Controlling device for automatic stitching machines. O. Kleinschmit and O. Kellermann. 2,058,995; Oct. 27.
- Controlling device for rotating shafts. P. Rime-Bruneau. 2,065,648; Dec. 29.
- Controlling device for water returned to boilers. G. F. Gerdt. 2,064,795; Dec. 15.
- Controlling means for fuel injection engines. E. Dodson. 2,031,527; Feb. 18.
- Controlling mechanism. D. D. Jackson and E. W. Tefft. 2,062,716; Dec. 1.
- Controlling mechanism. S. L. Gookin. 2,056,316; Oct. 6.
- Controlling mechanism for cash registers and calculating machines. E. Breitling. 2,056,821; Oct. 6.
- Controlling mechanism for cash registers and calculating machines. E. Breitling. 2,064,147; Dec. 15.
- Controlling mechanism for interlocked railway signals and switches. L. Wyant. 2,046,143; June 30.
- Controlling mechanism for vehicle dump doors. D. A. Palmer. 2,057,735; Oct. 20.
- Controlling operating time of arc discharge devices. H. F. Wilder. 2,053,016; Sept. 1.
- Controlling the processing of pulp stocks, Apparatus for. C. D. De Mers. 2,051,202; Aug. 18.
- Conversion process and apparatus for catalytic chemical reactions. R. V. Kleinschmidt. 2,051,774; Aug. 18.
- Conversion products from natural resins and esters thereof, Manufacture of new. J. Binapf. 2,052,073; Aug. 25.
- Conversion products of N-nitramines of primary aromatic amines nitrated in the nucleus and making same. O. Knecht, M. Kappeler, and C. Apotheker. 2,036,530; Apr. 7.
- Conversions of mechanical and thermal energy, Process of and apparatus for performing. A. F. Lebre. 2,045,152; June 23.
- Converter. T. S. Curtis. 2,065,566; Dec. 29.
- Converter. T. V. Fowler, Jr., A. M. Harkness, H. F. Merriam, and B. M. Carter. 2,046,816; July 7.
- Converter. E. L. Ragonnet. 2,026,799; Jan. 7.
- Converter for light rays. A. A. Arnhem. 2,058,941; Oct. 27.
- Convertible chair. H. A. Robinson, Sr. 2,059,397; Nov. 3.
- Convertible container. C. E. Pieck. 2,057,972; Oct. 20.
- Convertible substance, Treating. L. A. Dubbs. 2,051,471; Aug. 18.
- Convertible table. L. L. Richard. 2,039,348; May 5.
- Convertible tool. A. Shaffer. 2,040,713; May 12.
- Conveyer. N. W. Elmer. 2,061,228; Nov. 17.
- Conveyer. F. Hogg. 2,058,795; Oct. 27.
- Conveyer. C. S. Jennings. 2,031,263; Feb. 18.
- Conveyer. W. Laurie. 2,066,206; Dec. 29.
- Conveyer. A. Searles and C. A. Swartz. 2,052,900; Sept. 1.
- Conveyer. P. C. Smith. 2,035,018; Mar. 24.
- Conveyer. A. W. Stroud. 2,061,782; Nov. 24.
- Conveyer. J. B. Tiedemann. 2,048,960; July 28.
- Conveyer. W. J. Tourville. 2,059,063; Oct. 27.
- Conveyer. M. J. Uline. 2,052,908; Sept. 1.
- Conveyer apparatus for dough-working machinery. J. Kosman and C. S. Brykczynski. 2,036,531; Apr. 7.
- Conveyer belt protector for grain harvesters. E. Patera. 2,052,360; Aug. 25.
- Conveyer chain. R. J. Howison. 2,045,912; June 30.
- Conveyer chain. R. J. Howison. 2,057,950; Oct. 20.
- Conveyer for baking ovens. K. D. Loose. 2,045,957; June 30.
- Conveyer for heat treating furnaces. C. W. Spicer. 2,028,479; Jan. 21.
- Conveyer for motor trucks. H. R. Wheeler. 2,056,875; Oct. 6.
- Conveyer loader. A. J. G. Getty and T. A. Luke. 2,043,747; June 9.
- Conveyer means for winding and like machines. E. R. Swanson. 2,058,839; Oct. 27.
- Conveyer mechanism. A. E. Crady. 2,063,230; Dec. 8.
- Conveyer mechanism. L. E. Dupuy. 2,036,863; Apr. 7.
- Conveyer mechanism. W. H. Emerson. 2,033,695; Mar. 10.
- Conveyer, Pneumatic. J. A. Farley. 2,026,732; Jan. 7.
- Conveyer, Portable receptacle. N. E. Green. 2,058,682; Oct. 27.
- Conveyer, Sectional. T. T. McCarthy. 2,031,054; Feb. 18.
- Conveyer, Shaking. F. Appelberg. 2,029,805; Feb. 4.
- Conveyer, Sorting. T. Hutchinson. 2,038,362; Apr. 21.
- Conveyer structure. H. S. Bogaty. 2,027,266; Jan. 7.
- Conveyer system. L. W. Bowers. 2,052,748; Sept. 1.
- Conveyer system. C. S. Jennings. 2,043,293; June 9.
- Conveyer system. C. S. Jennings. 2,060,759; Nov. 10.
- Conveyer system. H. R. Perry and C. S. Jennings. 2,060,744; Nov. 10.
- Conveyer system. G. Waalkes. 2,057,173; Oct. 13.
- Conveyer system, Tubular. C. Beckmann. 2,052,597; Sept. 1.



- Conveyer turn construction. G. R. Whitnall; 2,050,144; Aug. 4.
- Conveyer weighing apparatus. E. H. Messiter. 2,029,271; Jan. 28.
- Conveyers or moving stairways, Driving mechanism for. H. W. Shonnard. 2,056,541; Oct. 6.
- Conveying attachment for paper cutters. J. C. Penwell. 2,045,721; June 30.
- Conveying device. H. S. Marmorstein and R. A. Neuschotz. 2,059,007; Oct. 27.
- Conveying equipment. W. E. Lambert. 2,062,227; Nov. 24.
- Cooker. R. M. Jackson. 2,060,992; Nov. 17.
- Cooker. G. A. Ritchie. 2,049,665; Aug. 4.
- Cooker. C. B. Upton. 2,027,131; Jan. 7.
- Cooker and the like, Storage. G. R. F. Scotson. 2,054,953; Sept. 22.
- Cooker, Combination. J. P. Freemon. 2,036,523; Apr. 7.
- Cooker, Egg. F. H. Ensign and O. Barlow. 2,057,481; Oct. 13.
- Cooker, Egg. A. G. Purpura. 2,057,741; Oct. 20.
- Cooker, Electric. G. F. Dickson. 2,057,421; Oct. 13.
- Cooker, Electric storage. O. W. Humphreys, J. R. Hunt, and C. W. Stopford. 2,054,544; Sept. 15.
- Cooker, Fireless. E. L. Schellens. 2,054,206; Sept. 15.
- Cooker, Multiple. D. B. Mayberry. 2,059,953; Nov. 3.
- Cooker, Pastry. F. A. Yost. 2,031,995; Feb. 25.
- Cooker, Pressure. L. L. Ludington. 2,035,901; Mar. 31.
- Cooker, Pressure. L. L. Ludington. 2,045,303; June 23.
- Cooker, Sandwich. W. F. Merritt. 2,059,133; Oct. 27.
- Cooker, Waffle. H. C. Johnson. 2,029,620; Feb. 4.
- Cooking apparatus. J. R. Anderson. 2,048,769; July 28.
- Cooking apparatus. F. K. Berry and A. J. Reedy. 2,064,101; Dec. 15.
- Cooking apparatus. F. E. Jones. 2,032,175; Feb. 25.
- Cooking apparatus. L. A. Molin. 2,035,090; Mar. 24.
- Cooking apparatus, Electric. R. H. Park. 2,045,673; June 30.
- Cooking apparatus, Electrical. B. C. Gruenberg. 2,033,468; Mar. 10.
- Cooking apparatus, Field. J. A. H. Myers. 2,058,172; Oct. 20.
- Cooking, Apparatus for. H. S. Vincent. 2,060,434; Nov. 10.
- Cooking appliance. J. P. Spang. 2,027,002; Jan. 7.
- Cooking appliance, Electric. M. Ireland. 2,036,049; Mar. 31.
- Cooking device. R. B. Lawrence. 2,065,318; Dec. 22.
- Cooking device. A. T. Smith. 2,048,572; July 21.
- Cooking device, Electric. J. C. Brogdon and H. G. Cunningham. 2,052,919; Sept. 1.
- Cooking device, Electric. J. T. Callahan. 2,057,878; Oct. 20.
- Cooking device, Electric. C. W. Schroeder. 2,046,973; July 7.
- Cooking equipment. E. Reich. 2,054,714; Sept. 15.
- Cooking receptacle, Domestic. H. E. Butler. 2,034,940; Mar. 24.
- Cooking top cover. G. E. Pickup. 2,049,080; July 28.
- Cooler: See—
- Air cooler. Milk cooler.
  - Beer cooler. Oil cooler.
  - Beverage cooler. Room cooler.
  - Can cooler. Spray cooler.
  - Clinker cooler. Wrapping machine conveyer cooler.
  - Cream cooler.
  - Gas cooler.
- Cooler. C. M. Anderson. 2,035,213; Mar. 24.
- Cooler. G. B. Bright and M. H. Olstad. 2,040,828; May 19.
- Cooler. R. W. Cole. 2,045,440; June 23.
- Cooler. C. A. Holt. 2,058,153; Oct. 20.
- Cooler. R. C. Newhouse. 2,055,941; Sept. 29.
- Cooler and aerator, Milk. F. W. Moore. 2,048,078; July 21.
- Cooler and dispenser, Portable combination beer. G. E. and E. C. Miles, and A. E. Bathiany, Jr. 2,038,053; Apr. 21.
- Cooler for refrigerators. R. Horwitz. 2,031,653; Feb. 25.
- Cooler for refrigerators, Water. W. G. Seeger and R. S. Ahrens. 2,028,926; Jan. 28.
- Cooler, humidifier, and air circulator. P. D. Good. 2,059,637; Nov. 3.
- Cooler, refrigerator, and air conditioner, Combination. J. C. Wichmann. 2,064,044; Dec. 15.
- Cooling and dispensing apparatus. J. Mohn. 2,056,800; Oct. 6.
- Cooling and dispensing system. C. S. O'Neil and E. M. Wachtel. 2,058,098; Oct. 20.
- Cooling and pressure control means for liquid containers. J. L. Kellogg. 2,063,877; Dec. 8.
- Cooling and ventilating apparatus. F. R. Erbach. 2,056,041; Sept. 29.
- Cooling apparatus. G. C. Coverston. 2,045,215; June 23.
- Cooling apparatus. E. H. Ford. 2,047,465; July 14.
- Cooling apparatus. J. W. McNulty and M. A. Nelson. 2,033,845; Mar. 10.
- Cooling apparatus. D. W. R. Morgan and J. W. McNulty. 2,033,844; Mar. 10.
- Cooling apparatus. E. F. Stalcup. 2,044,022; June 16.
- Cooling apparatus. E. F. Stalcup. 2,044,644; June 16.
- Cooling apparatus and method. C. A. Bulkeley. 2,046,319; July 7.
- Cooling apparatus operating with thermostats. F. Nalinger. 2,065,148; Dec. 22.
- Cooling device. W. Buschbeck. 2,064,372; Dec. 15.
- Cooling device. R. W. Glaser and E. J. and A. Olson. 2,060,496; Nov. 10.
- Cooling device. F. H. Ott. 2,048,888; July 28.
- Cooling device for liquids. F. J. T. Barnes. 2,060,014; Nov. 10.
- Cooling device for pistons. F. Frelin. 2,048,002; July 21.
- Cooling element for refrigerating systems. S. W. E. Andersson and W. R. Hainsworth. 2,057,408; Oct. 13.
- Cooling for internal combustion engines, Multiflow. F. W. Hild. 2,063,436; Dec. 8.
- Cooling means. R. R. Osborn. 2,035,019; Mar. 24.
- Cooling means for air cooled internal combustion engines. E. A. Ryder. 2,061,171; Nov. 17.
- Cooling means for internal combustion engines. E. W. Ruber. 2,026,848; Jan. 7.
- Cooling, Method of. P. Schlumbohm. 2,053,684; Sept. 8.
- Cooling or refrigerating body. J. M. Hill. 2,044,943; June 23.
- Cooling system. H. Caminez and N. H. Gilman. 2,054,926; Sept. 22.
- Cooling system. C. S. Leopold. 2,056,970; Oct. 13.
- Cooling system. J. C. Raisley. 2,046,968; July 7.
- Cooling system. P. Schlumbohm. 2,053,683; Sept. 8.
- Cooling system for dynamo-electric machines. W. G. Schneider. 2,057,637; Oct. 13.
- Cooling system for internal combustion engines. O. Sim.
- Cooling system for motor vehicles. W. F. Lee. 2,035,611; Mar. 31.
- Cooling system, Multiflow. F. W. Hild. 2,041,928; May 26.
- Cooling unit. M. R. Karge. 2,043,176; June 2.
- Cooling unit. H. A. Whitesel. 2,063,646; Dec. 8.
- Cooling unit. W. W. Williams. 2,053,387; Sept. 8.
- Cooling unit. G. F. Zellhoefer. 2,042,694; June 2.
- Cooling unit and drip pan, Combined. R. W. Kritzer and A. F. Hoesel. 2,045,529; June 23.
- Cooling unit for refrigerating systems. E. R. Hopkins and N. Baraban. 2,060,732; Nov. 10.
- Cooling units and combination air circulator and drip pan for the same. R. W. Kritzer. 2,045,528; June 23.
- Coordinator for main and auxiliary sources of electricity, Automatic. F. C. Stevey. 2,041,306; May 19.
- Cop spooling machine. W. Reiners and G. Kahlisch. 2,047,491; July 14.
- Cop-tube holder. J. M. Wood. 2,045,433; June 23.
- Cop, Winding. W. Reiners and G. Kahlisch. 2,035,721; Mar. 31.
- Cop winding machine. W. Reiners and G. Kahlisch. 2,034,355; Mar. 17.
- Cop winding machine. W. Reiners and G. Kahlisch. 2,045,202; June 23.
- Cop winding machine. G. A. Scheller. 2,062,679; Dec. 1.
- Copies by reflectography, Producing. L. P. F. van der Grinten. 2,051,582; Aug. 18.
- Copies from multi-color screen cinematograph films, Production of. G. B. Harrison. 2,052,625; Sept. 1.
- Copies, Making reflex. L. P. F. van der Grinten. 2,051,583; Aug. 18.
- Copies, Making reflex. L. P. F. van der Grinten. 2,051,585; Aug. 18.
- Copies with reduced screen structure, Making. L. P. F. van der Grinten. 2,051,584; Aug. 18.
- Copy and book holder. M. M. Hunt. 2,047,370; July 14.
- Copy conveyer. F. G. Henry. 2,041,411; May 19.
- Copyholder. B. F. Blakeman. 2,062,964; Dec. 1.
- Copy holder. J. Carpenter. 2,060,660; Nov. 10.
- Copy holder. H. A. Pribble. 2,053,738; Sept. 8.
- Copy holder. L. W. Shafer. 2,049,873; Aug. 4.
- Copy holder. B. E. Van Alstyne. 2,034,929; Mar. 24.
- Copyholder. H. C. Welter. 2,027,849; Jan. 14.
- Copy holder and stand. B. E. Van Alstyne. 2,034,930; Mar. 24.
- Copyholder for typewriters and bookholders. P. Kobler. 2,036,580; Apr. 7.
- Copy holders, Attachment for. L. R. Baker. 2,050,150; Aug. 4.
- Copper alloys. F. R. Hensel and E. I. Larsen. 2,033,709-10; Mar. 10.
- Copper alloys, Refining. J. O. Betterton and A. J. Phillips. 2,042,291-2; May 26.
- Copper ammonia solutions used to absorb carbon oxides and oxygen, Regeneration of. J. G. Dely. 2,047,550; July 14.
- Copper and copper alloys, Bronzing of. A. Brunner. 2,054,737; Sept. 15.
- Copper and copper alloys, Casting. F. F. Poland. 2,050,375; Aug. 11.
- Copper and copper base alloys. C. H. Davis. 2,034,561; Mar. 17.
- Copper anode mud, Treating. J. O. Betterton and G. H. Weis. 2,031,299; Feb. 18.
- Copper base alloy. H. L. Burghoff and D. E. Lawson. 2,027,807; Jan. 14.
- Copper base alloy. H. C. Jennison. 2,031,315-6; Feb. 18.
- Copper base alloy. E. L. Munson. 2,027,750; Jan. 14.
- Copper base composition. A. R. Lytle. 2,040,055; May 5.
- Copper-beryllium alloys. W. Hessenbruch. 2,030,921; Feb. 18.
- Copper brazing, Process of. R. Terry. 2,060,959; Nov. 17.
- Copper-chromium alloy. J. H. Critchett. 2,058,376; Oct. 20.



- Copper compounds from metallic copper, Preparation of. L. P. Curtin. 2,046,937; July 7.
- Copper compounds, Production of finely distributed. F. C. Elphick and J. R. Gray. 2,044,674; June 16.
- Copper from wash solutions, Recovering. S. Gulbrandsen. 2,061,194; Nov. 17.
- Copper fungicide. A. C. Sessions. 2,051,910; Aug. 25.
- Copper having high electrical conductivity and being free from oxygen, Producing. H. von Forster and F. Künstel. 2,031,518; Feb. 18.
- Copper mold. W. H. Peirce. 2,048,024; July 21.
- Copper refining. J. O. Betterton. 2,058,947; Oct. 27.
- Copper refining apparatus. R. P. Heuer. 2,060,074; Nov. 10.
- Copper refining furnace. F. Warlilmont. 2,036,902; Apr. 7.
- Copper refining method. R. P. Heuer. 2,060,073; Nov. 10.
- Copper seam. E. H. Sheaff. 2,055,614; Sept. 29.
- Copper-selenium alloys. C. S. Smith. 2,038,136; Apr. 21.
- Copper-silicon-selenium alloys. C. S. Smith. 2,038,137; Apr. 21.
- Copper solution, Colloidal. J. Torigian. 2,028,575; Jan. 21.
- Copper steel alloys. R. H. McCarroll and G. Vennerholm. 2,035,392; Mar. 24.
- Copper strips and the like, Rolling. J. M. Hughes, J. H. Carter, and E. E. Reagle. 2,063,677; Dec. 8.
- Copper sulphides with nickel activators, Flotation of. F. A. Brinker. 2,035,458; Mar. 31.
- Copper-tin-phosphorus-zinc alloy. H. L. Pierson. 2,062,427; Dec. 1.
- Copper-zinc-lead-phosphorous, Alloy and article. H. L. Pierson. 2,062,426; Dec. 1.
- Cord anchoring device. E. H. Carroll. 2,057,608; Oct. 13.
- Cord and chain coupling. B. E. Gagnon. 2,036,172; Mar. 31.
- Cord by heat, Prevention of deterioration of cotton. L. B. Sebrell. 2,050,196-7; Aug. 4.
- Cord carrier for braiding machines. R. M. Scott and J. G. Aldrich. 2,058,917; Oct. 27.
- Cord, Cellulose. M. Katz. 2,041,418; May 19.
- Cord composed of textile threads and rubber, Manufacturing. C. F. Hansen and E. Meier. 2,055,821; Sept. 29.
- Cord-controller for electric flatirons. F. Diehl. 2,049,410; July 28.
- Cord, Decorative. E. P. Franke. 2,058,783; Oct. 27.
- Cord fastening. E. R. Creamer. 2,057,881; Oct. 20.
- Cord holder. M. L. Brashears. 2,027,085; Jan. 7.
- Cord or cable terminal. E. G. Oppenheim. 2,050,855; Aug. 11.
- Cord take-up device. E. V. Pierce. 2,052,488; Aug. 25.
- Cord terminal plug. J. Bernfeld. 2,042,580; June 2.
- Cordage and making same. K. R. Shaw. 2,051,316; Aug. 18.
- Cordage lubrication. W. D. Hodson. 2,062,060; Nov. 24.
- Cordage lubrication. W. D. Hodson. 2,062,062; Nov. 24.
- Cordage, Manufacture of. E. V. Hayes-Gratze. 2,034,392; Mar. 17.
- Cords, Device for winding up electric flexible. F. W. Heusinkveld. 2,037,324; Apr. 14.
- Cords, Process and apparatus for latexing. N. J. Ritzert. 2,040,105; May 12.
- Core. E. D. Hurt. 2,055,899; Sept. 29.
- Core adapter. E. W. Bebie. 2,028,492; Jan. 21.
- Core and oil therefor. R. Stahl. 2,047,297; July 14.
- Core and producing the same, Laminated. M. B. Sawyer. 2,057,503; Oct. 13.
- Core barrel. H. D. Hampton. 2,034,257; Mar. 17.
- Core barrel. L. A. Larson and A. Soll. 2,032,423; Mar. 3.
- Core bars in flasks, and combinations of such means with core bars and flasks, Supporting and positioning. J. R. McWane. 2,042,907; June 2.
- Core box vent plug. C. R. Siler. 2,060,350; Nov. 10.
- Core boxes and the like, Apparatus for venting. E. A. Blake. 2,049,732; Aug. 4.
- Core breaker, Removable. L. E. Garfield. 2,064,255; Dec. 15.
- Core catcher. J. H. Howard and A. C. Catland. 2,030,297; Feb. 11.
- Core, Collapsible molding. J. O. Almen. 2,045,556; June 23.
- Core composition and manufacturing same. C. K. Roos. 2,044,401; June 16.
- Core covering apparatus. J. P. Shorrock. 2,052,901; Sept. 1.
- Core crimping machine. A. G. Adams and J. Bertain. 2,056,380; Oct. 6.
- Core drill. L. S. Copelln. 2,039,520; May 5.
- Core drill. J. H. Howard and A. C. Catland. 2,038,792; Apr. 28.
- Core drill. J. H. Howard and A. C. Catland. 2,058,154; Oct. 20.
- Core drill. J. H. Howard and W. H. Maxwell. 2,038,791; Apr. 28.
- Core drill. E. Whinnen. 2,040,889; May 19.
- Core drill. J. C. Wright. 2,034,072; Mar. 17.
- Core drill head. J. H. Howard and A. C. Catland. 2,030,298; Feb. 11.
- Core drill head. J. H. Howard and A. C. Catland. 2,058,156; Oct. 20.
- Core drilling. J. B. Newsom. 2,065,725; Dec. 29.
- Core drilling apparatus. J. F. Bozeman. 2,046,106; June 30.
- Core drilling, Method and apparatus for. D. Thrift. 2,046,798; July 7.
- Core for dynamo-electric machines. R. M. Pfalzgraff. 2,053,162; Sept. 1.
- Core for electrical apparatus, Laminated. D. F. Smalley. 2,058,362; Oct. 20.
- Core for high frequency inductances, Magnetic. W. J. Polydoroff. 2,059,393; Nov. 3.
- Core for molding concrete. MacG. S. Anderson. 2,029,147; Jan. 28.
- Core for molding devices. J. G. Brush. 2,052,126; Aug. 25.
- Core for paper rolls. F. W. Roberts and G. D. Illig. 2,052,541; Aug. 25.
- Core, Friction winding. J. R. Dunham. 2,034,862; Mar. 24.
- Core from a barrel, Device for facilitating the removal of a. J. C. Wright. 2,049,580; Aug. 4.
- Core recovering means. J. H. Howard. 2,063,437; Dec. 8.
- Core removing plunger. J. H. Howard. 2,054,254; Sept. 15.
- Core-stripping machine. M. C. Kline. 2,047,105; July 7.
- Core taking device. M. Schlumberger. 2,055,506; Sept. 29.
- Core taking device for wells. J. D. Brack. 2,055,648; Sept. 29.
- Core washing machine. L. C. Shippy. 2,063,702; Dec. 8.
- Corer for grapefruit, etc. P. J. Oths. 2,028,239; Jan. 21.
- Cores, Making magnetic. H. Vogt. 2,064,773; Dec. 15.
- Coring device. J. Pekrol. 2,053,777; Sept. 8.
- Coring device. M. B. Schnack. 2,034,490; Mar. 17.
- Cork articles, Manufacture of. Q. J. Schwarz. 2,041,377; May 19.
- Cork or plug for hollow tiles. F. A. Stirrup. 2,055,184; Sept. 22.
- Cork, Preextended. H. P. Scott, Jr. 2,052,899; Sept. 1.
- Cork retainer for vacuum bottles and the like. J. H. Herrmann. 2,050,754; Aug. 11.
- Corkscrew. E. Okun. 2,054,761; Sept. 15.
- Corking machine. P. Wintemberger. 2,026,927; Jan. 7.
- Corn, and the like, from worms, Protecting. A. Garcia. 2,056,514; Oct. 6.
- Corncrib and granary. P. J. Hegnes. 2,045,082; June 23.
- Corn cutting apparatus. M. S. Canaday. 2,062,739; Dec. 1.
- Corn husking device. C. E. Williams. 2,050,744; Aug. 11.
- Corn husking machine. S. E. and W. W. Morral. 2,031,277; Feb. 18.
- Corn husking machine, Green. F. A. Knight. 2,037,661; Apr. 14.
- Corn or bunion preventer. U. J. Bertram. 2,044,523; June 16.
- Corn pad package. W. M. Scholl. 2,027,555; Jan. 14.
- Corn picker. W. E. Urschel. 2,026,761; Jan. 7.
- Corn picker snapping roll. C. Marxman. 2,041,139; May 19.
- Corn popper. A. O. Samuels. 2,062,941; Dec. 1.
- Corn popper, Electrical. S. A. Platt. 2,034,190; Mar. 17.
- Corn popping and vending machine. J. F. Pagendarm. 2,034,484; Mar. 17.
- Corn popping machine, Automatic. R. D. Parks and G. Hildenbrand. 2,027,698; Jan. 14.
- Corn saving device. A. Rode. 2,048,295; July 21.
- Cornstarch, Producing odorless. R. W. Kerr. 2,052,308; Aug. 25.
- Corn trimmer, Green. F. M. Bulmer. 2,063,483; Dec. 8.
- Cornerpiece for flexible siding. J. F. Honan. 2,056,521; Oct. 6.
- Cornerpiece for frames. D. R. Stuart. 2,039,125; Apr. 28.
- Corner portion of an assembly wall. G. D. Kellogg. 2,053,482; Sept. 8.
- Corner post, Dirt set. O. A. Brock. 2,044,053; June 16.
- Corona and insulation heating at the ends of slots, Diminishing. J. F. Calvert. 2,061,502-3; Nov. 17.
- Correction device. T. H. Beard and J. E. Renholdt. 2,055,141; Sept. 22.
- Corrective apparatus for dual secondary system, Time-controlled. E. B. Jackson. 2,055,080; Sept. 22.
- Corrosion inhibitor. W. V. Gilbert. 2,060,192; Nov. 10.
- Corrosion inhibitor. M. H. Taylor. 2,060,138; Nov. 10.
- Corrosion of aluminium base alloys, Improving the resistance to. A. Beck. 2,063,022; Dec. 8.
- Corrosion, particularly of metals from the iron-group, and to a corrosion preventative, Preventing. A. Bopp. 2,059,770; Nov. 3.
- Corrosion preventing means for connections. W. C. Berryman. 2,065,558; Dec. 29.
- Corrosion-preventing substance. W. Reuss and F. Weldes. 2,050,122; Aug. 4.
- Corrosion-resistant tube. D. K. Crampton and N. W. Mitchell. 2,061,897; Nov. 24.
- Corrosion resistant tube. E. W. Roath. 2,061,921; Nov. 24.
- Corrosive substances from hydrocarbons, Removing. W. Miller. 2,041,364; May 19.
- Corrugated articles, Method of and apparatus for making. J. G. C. Mantle. 2,050,228; Aug. 4.
- Corrugated fastener, Divergent serrated. J. S. McChesney. 2,046,339; July 7.
- Corrugated fastener, Saw tooth. J. S. McChesney. 2,046,338; July 7.
- Corrugated joint fastener. J. S. McChesney. 2,046,337; July 7.
- Corrugated sheet and making same. F. W. Schroder and M. Willis. 2,041,967; May 26.
- Corrugating die. D. R. Murphy. 2,047,906; July 14.
- Corrugating machine. L. H. Brinkman. 2,027,018; Jan. 7.



- Corrugating machine. G. W. Swift, Jr. 2,043,635; June 9.
- Corrugations in tubular barrel bodies of containers, Method and machine for forming. L. E. La Bombard and G. Brinkmann. 2,053,153; Sept. 1.
- Corrugator. W. J. Goettsch. 2,051,296; Aug. 18.
- Corrugator. K. Sieg. 2,051,319; Aug. 18.
- Corset. J. L. Alberts. 2,051,065; Aug. 18.
- Corset. V. Buchanan. 2,033,373; Mar. 10.
- Corset. M. Kahn. 2,040,810; May 12.
- Corset. M. Kahn. 2,058,991; Oct. 27.
- Corset. J. J. Kispert. 2,032,216; Feb. 25.
- Corset. J. J. Kispert. 2,055,355; Sept. 22.
- Corset. O. D. Mowry. 2,045,401; June 23.
- Corset and the like. W. Kops and S. D. Kops. 2,040,657; May 12.
- Corset fastener. R. McAuley. 2,048,805; July 28.
- Corset material, Perforated. D. J. Sullivan. 2,054,274; Sept. 15.
- Corset steel. W. R. Weeks. 2,048,238; July 21.
- Cosmetic. C. L. Marcus. 2,027,921; Jan. 14.
- Cosmetic applicator. A. Jefferis. 2,033,139; Mar. 10.
- Cosmetic applicator. R. Lawry. 2,027,236; Jan. 7.
- Cosmetic container. J. Kreisler. 2,048,010; July 21.
- Cosmetic holding device. H. R. Segal. 2,039,560; May 5.
- Cosmetic make-up base and method of manufacture. F. Factor. 2,034,697; Mar. 24.
- Cosmetic preparation. V. Goncarova. 2,043,657; June 9.
- Costumed figure. H. B. Brundage. 2,045,830; June 30.
- Costumer. C. H. Smith. 2,065,622; Dec. 29.
- Cot and making the same, Cork. W. B. Tucker. 2,046,138; June 30.
- Cottage, Summer. O. J. Fitch. 2,052,757; Sept. 1.
- Cotter pin. F. Sipos. 2,047,295; July 14.
- Cotton and like fibers, Drafting of. R. P. Richardson. 2,036,886; Apr. 7.
- Cotton compress and rebander, Portable. W. Crump. 2,050,163; Aug. 4.
- Cotton condenser. C. L. Rice. 2,061,952; Nov. 24.
- Cotton fabric and process. W. Eustis and J. E. Noonan. 2,044,937; June 23.
- Cotton fabric and product, Treating. C. B. White. 2,043,137; June 2.
- Cotton fabric and product, Treating. C. B. White. 2,061,686; Nov. 24.
- Cotton fiber-like material from straw, Manufacturing a. S. Tanaka. 2,065,877; Dec. 29.
- Cotton gin. W. H. Dodson. 2,051,550; Aug. 18.
- Cotton gin. T. S. Grimes. 2,053,190; Sept. 1.
- Cotton handling apparatus. A. R. Muirhead. 2,036,534; Apr. 7.
- Cotton harvesting, cleaning, and hulling machine. R. E. Conrad. 2,049,640; Aug. 4.
- Cotton linters, Purification of. E. K. Bolton. 2,048,775; July 28.
- Cotton materials, Impregnation of. C. J. Malm. 2,036,424; Apr. 7.
- Cotton or other cellulose fibers, Production of immunized. J. E. Jones. 2,031,657; Feb. 25.
- Cotton picker. J. D. and M. D. Rust. 2,058,513; Oct. 27.
- Cotton picking machine. J. D. and M. D. Rust. 2,058,514; Oct. 27.
- Cotton picking system. R. S. Curley and W. Shaw. 2,028,698; Jan. 21.
- Cotton picking system and air filter for use in same. R. S. Curley. 2,057,369; Oct. 13.
- Cotton rolling machine and making cotton absorbent rolls. D. Heyer. 2,037,233; Apr. 14.
- Cotton seed delinting machine. P. A. Williams. 2,039,865; May 5.
- Cottonseed meats and pressing oil from same, Treatment or conditioning of. T. J. Harrell and C. W. McMath. 2,064,158; Dec. 15.
- Cotton stalk knocker. C. W. Davenport. 2,061,791; Nov. 24.
- CO<sub>2</sub> for refrigeration purposes, Controlling solid. W. B. Robe. 2,040,631; May 12.
- CO<sub>2</sub> gas, Dehydration and purification of. E. C. Holden. 2,037,685; Apr. 14.
- Couch, Studio. W. A. Holt. 2,050,658; Aug. 11.
- Couch, Studio. A. Wesley. 2,061,725; Nov. 24.
- Coumarin, Preparation of. G. Kretschmar and C. Collaud. 2,062,364; Dec. 1.
- Count mechanism, Predetermined. E. A. Slye. 2,040,025; May 5.
- Counter. A. Constantine. 2,042,249; May 26.
- Counter. R. D. Kerckhoff. 2,050,848; Aug. 11.
- Counter. F. E. Northrop. 2,040,027; May 5.
- Counter. H. L. Spaenburg. 2,040,026; May 5.
- Counter. H. L. Spaenburg. 2,040,031; May 5.
- Counter actuating means for educational test checking machines. S. R. Harding. 2,041,758; May 26.
- Counter, Admission. F. E. Backer. 2,037,190; Apr. 14.
- Counter apparatus, Display. R. L. Mapson. 2,048,802; July 28.
- Counter, Article display. P. Schott, Jr. 2,026,953; Jan. 7.
- Counterbalance for extra capacity head, Auxiliary. E. R. Goldfield. 2,041,242; May 19.
- Counterbalance, Mechanical. H. E. Morton. 2,057,247; Oct. 13.
- Counter-balance mechanism. E. E. Howard and H. C. Tammen. 2,057,028; Oct. 13.
- Counterbalance valve. L. L. Schauer and J. H. McKewen. 2,027,706; Jan. 14.
- Counterbalancing mechanism for steam locomotives. J. Kupka. 2,049,740; Aug. 4.
- Counter cooling means. H. A. Greenwald and G. B. Palmer, Jr. 2,033,983; Mar. 17.
- Counter-current apparatus for treating petroleum oil. R. E. Burk. 2,063,789; Dec. 8.
- Counter-current contacting of two liquids, Continuous process for. R. E. Wilson. 2,029,687; Feb. 4.
- Counter-current contactor. J. Robinson. 2,029,691; Feb. 4.
- Counter-current extraction, Apparatus for. A. Olier. 2,056,735; Oct. 6.
- Counter, Electric card. C. D. Lake. 2,043,295; June 9.
- Counter, Interchangeable wall. P. H. Meyer. 2,047,794; July 14.
- Counter, Key stroke. H. N. Bliss. 2,044,201; June 16.
- Counter, Laundry marker. A. F. Hanney. 2,036,139; Mar. 31.
- Counter mechanism. E. A. Slye. 2,056,690; Oct. 6.
- Counter molding machine. C. W. Bailey. 2,048,589; July 21.
- Counter-shaping machine. F. Ricks. 2,029,544; Feb. 4.
- Countersinking. H. C. Burden. 2,053,261; Sept. 8.
- Counter, Serving. C. L. Ora. 2,037,815; Apr. 21.
- Counter-setting means. W. S. Brubaker and A. J. Saarinen. 2,058,056; Oct. 20.
- Counter, Twist. J. M. Scott. 2,037,274; Apr. 14.
- Counterweight for excavators. T. Davidson and A. R. Taylor. 2,038,883; Mar. 10.
- Counters, Operating means for. H. F. Sedgebury and W. M. Carroll. 2,040,500; May 12.
- Counting apparatus. J. L. Roemer. 2,059,398; Nov. 3.
- Counting apparatus, Electric. J. E. Beggs. 2,047,665; July 14.
- Counting device. J. H. Burnside 2d. 2,065,048; Dec. 22.
- Counting device. C. G. Davies and L. W. Neal. 2,034,330; Mar. 17.
- Counting device. E. and A. E. Ek. 2,030,624; Feb. 11.
- Counting device. C. C. McCain and A. Marchev. 2,041,943; May 26.
- Counting device. H. C. Zenke. 2,033,969; Mar. 17.
- Counting machine. A. Thomas. 2,034,542; Mar. 17.
- Counting mechanism. H. N. Bliss. 2,044,200; June 16.
- Counting mechanism. F. J. Cannon. 2,046,810; July 7.
- Counting mechanism. M. Mathias. 2,040,702; May 12.
- Counting mechanism. F. W. Reher. 2,056,689; Oct. 6.
- Counting mechanism, Key stroke. H. N. Bliss. 2,044,202; June 16.
- Counting system. C. A. Marston. 2,048,192; July 21.
- Counterfeit articles, Apparatus for making imitation. F. Studer. 2,038,455; Apr. 21.
- Counterfeit paper money detector. F. E. Backer and J. Moles. 2,059,197; Nov. 3.
- Coupler. A. P. Bergstrand. 2,036,454; Apr. 7.
- Coupler. V. R. Maynard. 2,050,495; Aug. 11.
- Coupler. W. F. Richards. 2,031,617; Feb. 25.
- Coupler and lock. G. T. Cooke. 2,039,058; Apr. 28.
- Coupler, Car. K. Scharfenberg. 2,054,005; Sept. 8.
- Coupler centering device. E. A. Laughlin. 2,066,009; Dec. 29.
- Coupler control system, Railway. O. E. De Haven. 2,056,834; Oct. 6.
- Coupler for automobiles, tractors, or similar vehicles. S. Larson. 2,035,486; Mar. 31.
- Coupler, Speed. J. F. Carter. 2,050,647; Aug. 11.
- Coupler support. S. J. Strid. 2,058,269-70; Oct. 20.
- Coupler, Universal. F. W. Ilseman. 2,051,085; Aug. 18.
- Coupling: See—
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| Amplifier coupling.  | Power-transmission coupling.  |
| Cable coupling.  | Pressed-on hose coupling.     |
| Claw coupling.   | Railway car coupling.         |
| Compression tubing coupling.                                 | Releasable coupling.          |
| Conduit coupling.  | Resilient coupling.           |
| Cord and chain coupling.                                     | Rod coupling.                 |
| Cross-chain coupling.  | Scaffolding coupling.         |
| Expansion ring hose coupling.                                | Shaft coupling.               |
| Extensible coupling.   | Shock absorbing coupling.     |
| Flexible coupling.   | Slip coupling.                |
| Flexible shaft coupling.                                     | Snap valve coupling.          |
| Fluidtight coupling.   | Spinneret coupling.           |
| Hose coupling.   | Spline coupling.              |
| Hydraulic coupling.  | Sucker rod coupling.          |
| Hydraulic disengaging coupling.                              | Swivel hose coupling.         |
| Impulse coupling.  | Tractor and plow coupling.    |
| Mechanical coupling.   | Tractor and trailer coupling. |
| Mine car coupling.   | Trailer coupling.             |
| Multistage hydraulic coupling.                               | Trailer hitch coupling.       |
| Overload release coupling.                                   | Train pipe coupling.          |
| Pipe coupling.   | Valved coupling.              |
| Pipe pressure coupling.                                      | Vehicle coupling.             |
| Plug and socket coupling.                                    | Wall block coupling.          |
| Coupling. F. Barnickol, Jr. 2,028,182; Jan. 21.              | Water meter coupling.         |
| Coupling. J. B. Breisford. 2,044,768; June 23.               |                               |
| Coupling. F. Carlstedt. 2,052,967; Sept. 1.                  |                               |
| Coupling. O. S. Cartier. 2,062,740; Dec. 1.                  |                               |
| Coupling. R. C. Coupland. 2,043,237; June 9.                 |                               |
| Coupling. D. B. Gish. 2,048,117; July 21.                    |                               |
| Coupling. C. B. Hasford and J. B. McGay. 2,044,298; June 16. |                               |
| Coupling. M. A. Hunt. 2,027,824; Jan. 14.                    |                               |
| Coupling. F. L. Leon. 2,050,757; Aug. 11.                    |                               |
| Coupling. J. Mikulasek. 2,032,297; Feb. 25.                  |                               |



- Coupling. M. E. Mitchell, P. E. Mortensen and H. W. Fowler. 2,044,252; June 16.
- Coupling. G. Pielstick. 2,066,823; Dec. 29.
- Coupling. L. Ricketfield. 2,034,000-2; Mar. 17.
- Coupling. N. Roach. 2,042,125; May 26.
- Coupling. H. Roder. 2,036,084; Mar. 31.
- Coupling. J. T. Roth. 2,051,965; Aug. 25.
- Coupling. R. J. Ruths. 2,037,048; Apr. 14.
- Coupling. W. P. Schmitter and P. C. Day. 2,027,842; Jan. 14.
- Coupling. W. O. Thomas. 2,046,221; June 30.
- Coupling. E. J. von Henke. 2,029,846; Feb. 4.
- Coupling and control therefor, Freewheeling. E. E. Wemp. 2,051,975; Aug. 25.
- Coupling and safety device for power transmission shafts, Combined. J. Reid. 2,050,630; Aug. 11.
- Coupling and suspension device, Combined. S. Belveal. 2,030,779; Feb. 11.
- Coupling arrangement for amplifiers and repeaters. W. van B. Roberts. 2,043,774; June 9.
- Coupling arrangement for high frequency amplifiers. R. H. van Minnen and P. J. H. A. Nordlohne. 2,034,848; Mar. 24.
- Coupling coil. G. W. Fyler. 2,027,861; Jan. 14.
- Coupling device. F. H. Barney and W. J. Gourley. 2,053,509; Sept. 8.
- Coupling device. D. R. De Tar. 2,047,360; July 14.
- Coupling device. J. O. Lewis. 2,033,142; Mar. 10.
- Coupling device. E. Schulthess. 2,044,335; June 16.
- Coupling device, Electromagnetic. W. G. H. Finch. 2,048,604; July 21.
- Coupling device for trailers, Automatic. G. H. Connors and F. C. Stiff. 2,048,180; July 21.
- Coupling device for vehicles. H. Wohldorf. 2,048,310; July 21.
- Coupling device, Intermediate frequency. A. Crossley. 2,035,439; Mar. 24.
- Coupling element. G. Liebmann. 2,064,841; Dec. 22.
- Coupling for conveying rotary motion. B. C. Carter. 2,053,180; Sept. 1.
- Coupling for distance meters and objectives of photographic cameras. O. Barnack. 2,038,261; Apr. 21.
- Coupling for hoses, pipes, and the like. N. O. Fogelström. 2,039,787; May 5.
- Coupling for overhead irrigation pipes. E. D. Gage. 2,049,801; Aug. 4.
- Coupling for rotatable elements. P. A. Manger. 2,055,014; Sept. 22.
- Coupling for transmitting power, Resilient. H. D. Geyer. 2,051,442; Aug. 18.
- Coupling for tubes, Elastic. A. L. Parker. 2,053,626; Sept. 8.
- Coupling for tubular joints of the expansion joint type. C. M. Houston. 2,028,329; Jan. 21.
- Coupling-head. H. Kreidel. 2,040,008; May 5.
- Coupling hitching link. C. E. Dath. 2,046,322; July 7.
- Coupling mechanism. C. H. Tomlinson. 2,052,993; Sept. 1.
- Coupling on to a hose, Pressing a. J. P. Eastman. 2,031,824; Feb. 25.
- Coupling or braking device, Hydraulic. J. Yoxall. 2,032,966; Mar. 3.
- Coupling system. J. K. Johnson. 2,038,294; Apr. 21.
- Coupling system. H. A. Wheeler and D. E. Harnett. 2,049,147; July 28.
- Coupling system, High frequency. D. E. Harnett. 2,045,910; June 30.
- Coupon feeding machine. J. J. Thayer. 2,057,698; Oct. 20.
- Course recorder. E. C. Villiers. 2,052,910; Sept. 1.
- Course construction for use with floor or wall coverings and the like. N. A. Brand. 2,041,899; May 26.
- Cover—See—
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| Ash tray screen cover.  | Range cover.              |
| Automobile cover.   | Safety cigar cover.       |
| Basket cover.   | Sanitary cover.           |
| Bathtub cover.  | Sanitary mouthpiece cover |
| Battery cover.  | Seat cover.               |
| Book cover.   | Seed bed cover.           |
| Can cover.  | Shipping cover.           |
| Confection cover.   | Shove down cover.         |
| Container cover.  | Sleeping cover.           |
| Cooking top cover.  | Spare tire cover.         |
| Diaper cover.   | Spool cover.              |
| Dust cover.   | Spring cover.             |
| Expandible cover.   | Stain cover.              |
| Flue cover.   | Steering wheel cover.     |
| Grinder cover.  | Suction box cover.        |
| Handbag cover.  | Tire cover.               |
| Inspection cover.   | Tub cover.                |
| Ironing board cover.  | Turpentine gum cup cover. |
| Mattress cover.   | Utensil cover.            |
| Medicine glass cover.   | Vessel cover.             |
| Milk pail cover.  | Wheel and tire cover.     |
| Cover and coaster, Sanitary tumbler. C. W. Meinecke. 2,041,563; May 19.   |                           |
| Cover and dispenser for milk cans and the like. R. H. Lebew. 2,062,365; Dec. 1.                                 |                           |
| Cover and draft control for chimneys, Combination. W. H. Malone and J. M. Eyre. 2,060,231; Nov. 10.             |                           |
| Cover and like fastener installation and fastener for the same. S. E. Pihl. 2,065,908; Dec. 29.                 |                           |
| Cover and process employing the same, Skein. B. W. Collins, E. S. Kennedy, and G. M. Allen. 2,053,985; Sept. 8. |                           |
- Cover and securing means therefor, Wheel. O. U. Zerk. 2,043,874; June 9.
- Cover and similar structure, Basket. A. H. Schmidtke. 2,063,759; Dec. 8.
- Cover and support therefor, Tire. G. A. Lyon. 2,049,459-60; Aug. 4.
- Cover and the like, Basket. A. H. Schmidtke. 2,054,045; Sept. 8.
- Cover construction, Tire. G. A. Lyon. 2,049,457; Aug. 4.
- Cover construction, Tire. G. A. Lyon. 2,049,462; Aug. 4.
- Cover crop cutter. L. Bishop. 2,042,981; June 2.
- Cover fastening. S. T. Robinson. 2,053,048; Sept. 1.
- Cover fastening means. C. Wurzlów. 2,065,878; Dec. 29.
- Cover feeder for book match machines. L. E. Parker. 2,031,572; Feb. 18.
- Cover for all types of pressing machines and household ironing boards, Cloth. L. Plotkin. 2,035,245; Mar. 24.
- Cover for automobile tires, Metal. F. D. Hansen and H. W. Tinker. 2,051,082; Aug. 18.
- Cover for beer cases. C. N. McGee. 2,054,729; Sept. 15.
- Cover for beverage mixers, Splash. T. Morgan. 2,051,883; Aug. 25.
- Cover for bird cages, Magazine floor. C. O. Jessen. 2,065,923; Dec. 29.
- Cover for containers. R. Maeda. 2,058,608; Oct. 27.
- Cover for conveyers and clamping means therefor. E. Benatar. 2,038,471; Apr. 21.
- Cover for cook stoves, Top. G. E. Pickup. 2,056,737; Oct. 6.
- Cover for cylindrical containers, Slip. L. E. La Bombard. 2,033,889; Mar. 10.
- Cover for dental chairs. G. E. Bishop. 2,057,551; Oct. 13.
- Cover for domes, Pressed steel. A. A. Kramer. 2,041,938; May 26.
- Cover for electric switches, Protective. A. P. Ball. 2,060,603; Nov. 10.
- Cover for ironing machines and the like. W. J. McCaughan. 2,062,467; Dec. 1.
- Cover for kegs, barrels, or like containers. R. G. Fessenden. 2,031,153; Feb. 18.
- Cover for loose leaf books. J. J. Rickert. 2,030,765; Feb. 11.
- Cover for manhole frames or the like. W. E. Illig. 2,045,083; June 23.
- Cover for molten glass containers. C. C. Kinker. 2,061,661; Nov. 24.
- Cover for oil stoves, Reservoir. F. W. Twickler. 2,049,829; Aug. 4.
- Cover for permanent wave pads, Sanitary and protective. S. A. Blake. 2,038,710; Apr. 28.
- Cover for receptacles for safety razors. H. L. Bruce. 2,027,899; Jan. 14.
- Cover for trucks, Protector. W. D. Moore. 2,043,858; June 9.
- Cover lock. C. F. Lambert. 2,028,223; Jan. 21.
- Cover lock for rayon spinning buckets. H. M. Richardson. 2,037,536; Apr. 14.
- Cover or escutcheon plate, Securing electrical. B. C. Place. 2,043,865; June 9.
- Cover remover, Can. F. R. Soukup. 2,044,129; June 16.
- Cover remover, Container. W. N. Lurcott. 2,053,246; Sept. 1.
- Cover retaining means. E. M. Davis. 2,029,811; Feb. 4.
- Cover structure. F. E. Hardy, Jr. 2,052,465; Aug. 25.
- Cover structure, Latchable. E. W. Parker. 2,049,313; July 28.
- Cover strut. H. W. Robinson. 2,041,617; May 19.
- Cover wrench. M. Giesinger. 2,056,848; Oct. 6.
- Covered receptacle. E. P. Myers. 2,032,221; Feb. 25.
- Covering and manufacturing the same, Decorative. J. J. Jackson. 2,061,705; Nov. 24.
- Covering device. J. A. Burgener. 2,030,134; Feb. 11.
- Covering element. J. A. Topping. 2,055,758; Sept. 29.
- Covering, Floor. E. P. Atwood. 2,057,873; Oct. 20.
- Covering, Floor. E. T. A. Coughlin. 2,056,958; Oct. 13.
- Covering for buildings. F. C. Overbury. 2,038,192; Apr. 21.
- Covering for conductors, Method of and equipment for producing abrasion resisting. W. E. Boyle and G. M. Van Lear. 2,065,561; Dec. 29.
- Covering for luggage carriers, Protective. H. P. Danielsen and J. J. Kiefer. 2,042,211; May 26.
- Covering for seats or cushions. G. H. Gaston. 2,041,919; May 26.
- Covering for surfaces exposed to the weather. S. C. Straub and A. Whittemore. 2,057,545; Oct. 13.
- Covering for tubes, Protective. H. J. Kerr. 2,028,160; Jan. 21.
- Covering, Hand. H. B. Ferguson. 2,058,221; Oct. 20.
- Covering, Head. F. B. Kiffin. 2,054,130; Sept. 15.
- Covering, Head. R. Lipton. 2,051,384; Aug. 18.
- Covering machine. S. J. Finn. 2,051,836; Aug. 25.
- Covering material, Applying. A. H. Haberstamp. 2,056,450-1; Oct. 6.
- Covering material, Making. A. B. Miller. 2,027,744; Jan. 14.
- Covering, Pipe. L. Holtz. 2,054,769; Sept. 15.
- Covering, Protective head. A. Roberts. 2,064,032; Dec. 15.
- Covers, Apparatus for dispensing sanitary toilet-seat. W. Elrick. 2,051,692; Aug. 18.
- Covers, Device and method for making confection. C. G. Hall. 2,065,452; Dec. 22.



- Covers for containers, Forming slip. L. E. La Bombard. 2,027,344; Jan. 7.
- Covers for spare tires of automobiles. G. A. Lyon. 2,039,013; Apr. 28.
- Covers of kitchen boilers, Operating. E. J. Canépa. 2,062,967; Dec. 1.
- Cow tail holder. G. E. Fotel. 2,065,682; Dec. 29.
- Cow's tail holder. L. H. Abell. 2,053,388; Sept. 8.
- Cowl fastener. L. Cook. 2,045,583; June 30.
- Cowl, Ventilating. E. D. Lenke. 2,060,398; Nov. 10.
- Cowling for aircraft motors. R. G. Breene, C. F. Greene and J. B. Brelsford. 2,047,948; July 21.
- Crab meat, Canning of. C. R. Fellers. 2,027,270; Jan. 7.
- Cracker for tumblers, Ice. T. J. Fegley and G. O. Leopold. 2,056,097; Sept. 29.
- Cracking. O. G. Kaasa and T. B. Kimball. 2,056,725; Oct. 6.
- Cracking and apparatus. G. M. Pfau. 2,049,018; July 28.
- Cracking apparatus and operating the same. D. L. Jacobs and E. M. Dons. 2,032,846; Mar. 3.
- Cracking process for hydrocarbon oils. F. H. Edson. 2,027,355; Jan. 7.
- Cracking system. G. C. Hargrove. 2,036,965; Apr. 7.
- Cracks and contraction joints, Grouting. L. R. Jorgensen. 2,053,562; Sept. 8.
- Cradle, Load lifting. B. F. Fitch. 2,030,863; Feb. 18.
- Cradle, Load lifting. B. F. Fitch. 2,052,559; Sept. 1.
- Cradle, Long draft spinning. H. L. Thomas and J. L. Truslow. 2,027,211; Jan. 7.
- Cradle, Trolling. R. P. Harrington. 2,030,000; Feb. 4.
- Crane. N. P. E. Andersen. 2,036,386; Apr. 7.
- Crane, Gantry. B. F. Fitch. 2,063,913; Dec. 15.
- Crane, Traveling. B. F. Fitch. 2,063,909; Dec. 15.
- Crane, Traveling. B. F. Fitch. 2,063,915; Dec. 15.
- Crane. S. W. Ruff. 2,031,549; Feb. 18.
- Crane and extension bracket therefor. W. C. Kenney. 2,046,824; July 7.
- Crane, Cable. G. Voss. 2,035,107; Mar. 24.
- Crane for centrifugal machines, Bowl-manipulating. E. T. Field. 2,029,709; Feb. 4.
- Crane, Invalid. J. Parmley. 2,051,530; Aug. 18.
- Crane, Portable gantry. J. Palermo. 2,034,920; Mar. 24.
- Crane, shovel, and the like, Power. L. O. McLean. 2,035,385; Mar. 24.
- Crank and gear case cleaning apparatus. J. K. Delano. 2,041,529; May 19.
- Crank arm counterweight, Adjustable oil well. C. Eurit. 2,029,993; Feb. 4.
- Crank, Back side. R. R. Bloss. 2,035,525; Mar. 31.
- Crankcase vent. W. J. Blanchard. 2,032,682; Mar. 3.
- Crankcase ventilating system. W. W. Lowther. 2,060,883; Nov. 17.
- Crank case ventilation. G. A. Barker. 2,029,216; Jan. 28.
- Crank counterbalance. R. R. Bloss. 2,030,046; Feb. 11.
- Crank for drive shafts, Counterbalanced. G. L. Morehead. 2,058,346; Oct. 20.
- Crankpin construction. D. W. Hoferer. 2,054,321; Sept. 15.
- Crankpin grinding machine. H. A. Silven. 2,041,215; May 19.
- Crankpin truing device. R. W. Barker. 2,051,070; Aug. 18.
- Crankshaft drilling machine. F. M. Davis. 2,057,939; Oct. 20.
- Crankshaft rotating tool. D. S. Stouffer. 2,060,262; Nov. 10.
- Crankshaft twister. A. T. Hunt. 2,044,170; June 16.
- Crash pad. H. R. Moles. 2,032,711; Mar. 3.
- Crate. L. L. Albert. 2,065,416; Dec. 22.
- Crate. C. O. Ewell. 2,026,968; Jan. 7.
- Crate. F. G. Krueger and H. S. Lion. 2,040,387; May 12.
- Crate. A. Rosales. 2,031,737; Feb. 25.
- Crate. M. Sirnec. 2,035,992; Mar. 31.
- Crate. E. C. Steiger. 2,050,814; Aug. 11.
- Crate and packing, Egg. N. W. Mellars and B. Swartfager. 2,032,373; Mar. 3.
- Crate, basket, and similar container. J. E. Krauger. 2,050,342; Aug. 11.
- Crate, Bottle. W. W. Birnstock. 2,060,019; Nov. 10.
- Crate, Bottle. L. Hale. 2,041,062-3; May 19.
- Crate, Bottle. F. G. Krueger and F. H. Hudepohn. 2,053,567; Sept. 8.
- Crate, Bottle. W. J. and J. F. Quirk. 2,034,205; Mar. 17.
- Crate building machine. M. C. Rutzen, L. W. Pardee, and A. J. Stecker. 2,062,828; Dec. 1.
- Crate, Collapsible. A. N. Dedmon. 2,026,871; Jan. 7.
- Crate, Collapsible. J. P. Kubes. 2,038,080; Apr. 21.
- Crate, Collapsible. J. R. Wheeling. 2,041,582; May 19.
- Crate construction, Bottle. E. M. Pennock and L. Hale. 2,046,034; June 30.
- Crate handling means. O. O. Eaton. 2,052,968; Sept. 1.
- Crate, Milk. J. A. Hopwood. 2,055,536; Sept. 29.
- Crate or box for tiles, Shipping. N. C. Butler. 2,065,050; Dec. 22.
- Crate, Packing. J. W. McNulty. 2,053,673; Sept. 8.
- Crate press. L. H. Platt. 2,033,865; Mar. 10.
- Crate, Ready bound. L. A. Bigelow. 2,042,329; May 26.
- Crate, Ready bound. C. S. Henderson. 2,042,339; May 26.
- Crate, Ready bound. J. E. Ott. 2,042,323; May 26.
- Crate, Shipping. W. R. Graham. 2,050,791; Aug. 11.
- Crate, Shipping. E. Lawson. 2,033,344; Mar. 10.
- Crate, Shipping. D. J. McClary. 2,050,108; Aug. 4.
- Crate, Shipping. C. L. Taylor. 2,028,301; Jan. 21.
- Crates, Making skeleton. U. K. Johannsen. 2,047,905; July 14.
- Cravat holder. R. E. Albright. 2,059,301; Nov. 3.
- Cravat holder. J. L. Cobb. 2,060,040; Nov. 10.
- Cravat holder. J. O. Pollack. 2,031,004; Feb. 18.
- Crawler tread mechanism. G. C. Jett. 2,050,845; Aug. 11.
- Crayon holder. G. P. Peterson. 2,057,502; Oct. 13.
- Crayon package and display container, Combination. E. O. Clark, Jr. 2,040,041; May 5.
- Crayon, Reproducing. H. Wieneke. 2,052,266; Aug. 25.
- Cream cooler. E. Franklin and T. Nelson. 2,029,021; Jan. 28.
- Cream, Cosmetic. H. A. Kiernan. 2,032,704; Mar. 3.
- Cream, Device for making. O. Schwimmer. 2,030,158; Feb. 11.
- Cream making machine. F. B. Day and A. R. Bannister. 2,056,932; Oct. 6.
- Cream, Process of and apparatus for pasteurizing. R. C. Simonds. 2,035,842; Mar. 31.
- Cream salvaging and utensil cleansing apparatus. E. H. Harrison. 2,035,368; Mar. 24.
- Cream separator. W. Lindroos. 2,060,738; Nov. 10.
- Cream, Tempering. J. Willmann. 2,037,405; Apr. 14.
- Creamery products, Producing. H. D. Wendt. 2,031,443; Feb. 18.
- Creaser or splitter, Adjustable free running self aligning. A. J. Carr. 2,048,684; July 28.
- Creasing and stretching device for trousers. J. D. Daniel. 2,045,943; June 30.
- Creautography. J. C. Zubli. 2,038,022; Apr. 21.
- Creel. B. A. Peterson. 2,063,752; Dec. 8.
- Creeling winding frame. W. Reiners and G. Kahlisch. 2,052,895; Sept. 1.
- Creeper. L. Goldenberg. 2,054,598; Sept. 15.
- Creeper, Automobile mechanic's. C. Mance. 2,051,563; Aug. 18.
- Crib appliance for vehicles. D. L. Showalter. 2,048,955; July 28.
- Crib, Folding. S. W. Schmitt and A. J. Mory. 2,043,072; June 2.
- Crib, Knockdown. L. E. May. 2,032,141; Feb. 25.
- Crib, Step-in baby. H. V. Johnston. 2,059,240; Nov. 3.
- Cribs, Adjustable drop-side for. A. M. Smith. 2,031,284; Feb. 18.
- Cribbage board. T. D. Daley. 2,038,026; Apr. 21.
- Crimper, Pie. E. S. Houck. 2,059,353; Nov. 3.
- Crimping machine. O. Ganio. 2,060,368; Nov. 10.
- Crop gathering implement, Forage. W. I. Kaser. 2,035,705; Mar. 31.
- Crop harvesting apparatus. A. Ronning. 2,048,141; July 21.
- Cross bar switch. J. N. Reynolds. 2,040,334; May 12.
- Cross-chain coupling. E. H. Lenz. 2,028,288; Jan. 21.
- Cross-roll apparatus. A. P. Diescher. 2,031,099; Feb. 18.
- Cross roller bit. N. B. Berleth. 2,038,408; Apr. 21.
- Cross-sections of fibers, Device for rapidly making. J. I. Hardy. 2,048,335; July 21.
- Crosstie for railroads, Steel. C. H. and L. L. Riggles. 2,057,593; Oct. 13.
- Crown cap and apparatus for forming same. J. D. Elder. 2,048,062; July 21.
- Crown cap and making. C. E. McManus. 2,063,454; Dec. 8.
- Croze, Cooper's. R. Appell. 2,048,315; July 21.
- Cruller machine. C. Roth. 2,041,432; May 19.
- Crusher. J. R. Bakstad. 2,028,648; Jan. 21.
- Crusher. E. Kraemer. 2,034,401; Mar. 17.
- Crusher. H. W. Riley. 2,063,829; Dec. 8.
- Crusher. A. A. Thompson. 2,050,743; Aug. 11.
- Crusher. W. L. Wettlaufer. 2,044,653; June 16.
- Crusher, Coal. W. J. Armstrong. 2,045,636; June 30.
- Crusher, Gyratory. J. A. McCaskell. 2,050,718; Aug. 11.
- Crusher, Gyratory. S. W. Traylor, Jr., and E. H. Beyhl. 2,066,281; Dec. 29.
- Crusher, Ice. H. C. Johnson. 2,048,569; July 21.
- Crusher, Ice. P. C. Klingler. 2,047,566; July 14.
- Crusher, Ice. J. K. Matter and L. E. Geiger. 2,046,396; July 7.
- Crusher, Jaw. K. Meister. 2,049,818; Aug. 4.
- Crusher, Lever jaw. C. J. Zillgitt. 2,065,784; Dec. 29.
- Crusher, pulverizer and screens, Combined. O. J. Moussette, Sr. 2,056,583; Oct. 6.
- Crusher, Rock. J. Rasmussen. 2,065,612; Dec. 29.
- Crushing and/or grinding apparatus. S. R. Tonkin. 2,054,472; Sept. 15.
- Crushing and grinding mill. J. J. Morch. 2,065,821; Dec. 29.
- Crushing machine. W. W. Guest. 2,052,706; Sept. 1.
- Crushing machine. A. Krushel. 2,064,666; Dec. 15.
- Crutch pad. C. M. Fallon. 2,037,015; Apr. 14.
- Cryolite, Making artificial. G. Gaither. 2,058,075; Oct. 20.
- Crypt, Casket. E. N. Hedeon and H. B. Turner. 2,030,588; Feb. 11.
- Cryptographic system. W. F. Friedman and G. A. Graham. 2,028,772; Jan. 28.
- Crystal holder. J. G. Beard. 2,044,145; June 16.
- Crystal holder, Piezo-electric. H. O. Roosenstein. 2,038,804; Apr. 28.
- Crystal inserter. E. Junod. 2,050,335; Aug. 11.
- Crystal oscillator. K. Heegner. 2,053,524; Sept. 8.
- Crystal oscillator. A. H. Taylor. 2,037,743; Apr. 21.



- Crystal relay. J. Gruetzmacher. 2,038,631; Mar. 10.  
Crystalline abrasives and treated product. Treating. C. R. Walker. 2,029,253; Jan. 28.  
Crystalline decoration for porcelain and porcelain enameled articles. J. M. Seasholtz. 2,043,449; June 9.  
Crystalline deposits, Mechanically producing coarse. R. Slegler. 2,035,990; Mar. 31.  
Crystalline products by condenser urea and formaldehyde, Production of. N. Fuchs. 2,062,171; Nov. 24.  
Crystallization apparatus. F. Jeremiassen. 2,042,661; June 2.  
Crystallization at the solidification of metallic castings, Avoiding coarse. E. Scheil. 2,042,735; June 2.  
Crystallization inhibitor for paraffin wax in lubricating oils. G. H. B. Davis. 2,062,354; Dec. 1.  
Crystallization, Method of inducing. A. A. Lund. 2,041,197; May 19.  
Crystallizing and product thereof. A. C. Willson. 2,038,072; Apr. 21.  
Crystallizing process. T. W. Langer. 2,045,301; June 23.  
Crystals by evaporation in vacuo and intermittent cooling, Process of and apparatus for the production of coarse. W. Gensecke. 2,034,615; Mar. 17.  
Crystals in vacuo, Apparatus for effecting the growth of. H. C. A. Behrens. 2,034,969; Mar. 24.  
Crystals of salts, Production of. J. Schaefer. 2,037,595; Apr. 14.  
Crystals, Producing concave. E. R. Boyles, and C. R. Moon. 2,057,763; Oct. 20.  
Cubing machine. C. A. and F. L. Payne. 2,059,486; Nov. 3.  
Cuff and neckband press, Combination. E. A. Mall. 2,055,824; Sept. 29.  
Cuff, Finger. A. D. Cushing. 2,026,966; Jan. 7.  
Cuff link. H. G. Anderson and E. S. Mix. 2,052,437; Aug. 25.  
Cuff link. G. F. Brecht and E. Schodlbauer. 2,058,850; Oct. 27.  
Cuff-link. J. Sanger. 2,049,082; July 28.  
Culinary appliance, Electric vacuum. G. W. Garman and M. Moister. 2,048,929; July 28.  
Cullinary implement. C. B. Bacon. 2,040,458; May 12.  
Cultivating implement. L. C. Gossett. 2,026,887; Jan. 7.  
Cultivating tool. J. Moran. 2,028,001; Jan. 14.  
Cultivator. W. B. Anderson. 2,037,299; Apr. 14.  
Cultivator. B. O. Cuddigan. 2,061,694; Nov. 24.  
Cultivator. T. J. Erdman. 2,032,085; Feb. 25.  
Cultivator. H. Lisius. 2,030,994; Feb. 18.  
Cultivator. A. Marseilles. 2,040,751; May 12.  
Cultivator. W. T. Smith. 2,058,363; Oct. 20.  
Cultivator. A. G. Suelflow and C. C. Wolford. 2,063,769; Dec. 8.  
Cultivator attachment for tractors. J. W. Capps. 2,029,652; Feb. 4.  
Cultivator, Automatic. G. Hantjopoulos. 2,028,774; Jan. 28.  
Cultivator, Combination disk and shovel. R. H. Smith. 2,052,807; Sept. 1.  
Cultivator, Garden. B. O. Short. 2,048,201; July 21.  
Cultivator, Garden. J. A. Stevenson. 2,044,262; June 16.  
Cultivator, Hand. G. R. Thew. 2,047,498; July 14.  
Cultivator, Lawn. H. R. Sieverkropp. 2,050,739; Aug. 11.  
Cultivator, Oscillating. G. W. Swan. 2,028,957; Jan. 28.  
Cultivators, Adjusting the width of walking. W. W. Phillips. 2,050,731; Aug. 11.  
Culvert, Corrugated metal. J. A. Morphy. 2,062,188; Nov. 24.  
Culvert, Knock-down. A. C. Schroeder, Jr. 2,041,267; May 19.  
Culvert, Self-sustaining. E. J. Hatch and E. A. Stringer. 2,043,100; June 2.  
Culvert, Surface drain. G. W. Sondag. 2,051,228; Aug. 18.  
Cup: See—  
Cartridge case cup. Paper ice cream cup.  
Drinking cup. Paper or similar cup.  
Electrically heated cup. Suction cup.  
Ice cream cup. Turpentine cup.  
Packing cup.  
Cup and plunger oil well pump, Combination. F. Wilcom. 2,057,754; Oct. 20.  
Cup and saucer. E. C. Bell. 2,059,769; Nov. 3.  
Cup construction. C. L. Shuey. 2,032,815; Mar. 3.  
Cup dispenser. R. Bares. 2,037,752; Apr. 21.  
Cup dispenser. R. Bares. 2,063,576; Dec. 8.  
Cup expander, Sealing. B. Dick. 2,059,729; Nov. 3.  
Cup feed machine. H. Hacklander. 2,043,748; June 9.  
Cup for immersion rolls in film coating machines, Safe edge. N. F. Beach. 2,033,676; Mar. 10.  
Cup for milking machines, Teat. J. H. Davis. 2,055,718; Sept. 29.  
Cup holder. H. C. Selpel and P. A. Yerger. 2,028,566; Jan. 21.  
Cup liner, Teat. W. A. Scott. 2,061,809; Nov. 24.  
Cup machine. C. Barbieri. 2,049,418; Aug. 4.  
Cup, Making a. N. W. Cummins. 2,054,245; Sept. 15.  
Cup making machine. G. W. von Hofe and P. W. Fleischer. 2,066,130; Dec. 29.  
Cup moving mechanism. M. Hansen and J. F. Pollon. 2,029,167; Jan. 28.  
Cup or dish. J. E. Annen. 2,060,781; Nov. 17.  
Cups from which cartridge cases can be cold drawn, Apparatus for the manufacture of. E. Sautier. 2,029,797; Feb. 4.  
Cups, Method and apparatus for the manufacture of drinking. F. P. Swallow. 2,043,018; June 2.  
Cups, Process and apparatus for manufacturing paper. A. Novick. 2,028,163; Jan. 21.  
Cupol furnace. C. W. Hanson and R. A. Crites. 2,065,691; Dec. 29.  
Cuprous cyanide, Production of. C. Dangelmajer. 2,049,358; July 28.  
Curb and fender locator. J. W. Brunette. 2,039,474; May 5.  
Curbing, Sectional. V. Lines. 2,065,861; Dec. 29.  
Curler. A. Goodman. 2,047,183; July 14.  
Curler. R. M. McFadden. 2,064,312; Dec. 15.  
Curler, Eyelash. G. Glatzer. 2,044,209; June 16.  
Curler, Eyelash. W. R. Tuttle and C. W. Stickel. 2,052,588; Sept. 1.  
Curler, Hair. T. I. Moseley. 2,060,102; Nov. 10.  
Curler, Permanent wave. H. H. Eckstein. 2,061,998; Nov. 24.  
Curler, Permanent wave. L. J. Sparks. 2,036,836; Apr. 7.  
Currency holder. R. L. Halperin. 2,031,773; Feb. 25.  
Current and voltage generating device, Saw tooth wave form. T. Nakashima and K. Takayanagi. 2,055,611; Sept. 29.  
Current apparatus, Alternating. R. C. Clinker. 2,042,505; June 2.  
Current arc welding, Alternating. G. G. Landis. 2,044,798; June 23.  
Current carrying element, Electric. F. R. Hensel. 2,058,873; Oct. 27.  
Current collecting device. N. A. Wahlberg. 2,050,401; Aug. 11.  
Current collector. F. L. Wolf. 2,049,403; July 28.  
Current collector. F. L. Wolf. 2,055,832; Sept. 29.  
Current collector. L. Wylie and J. V. Lamson. 2,057,994; Oct. 20.  
Current collector, Electric. A. Vigne. 2,031,081; Feb. 18.  
Current conductors, Joining electric. C. H. Jasper. 2,040,383; May 12.  
Current contact of fluids by centrifugal action, Securing counter. W. J. Podbielniak. 2,044,996; June 23.  
Current control system, Alternating. F. E. Wold. 2,040,288; May 12.  
Current conversion system, Electric. H. A. Rose. 2,060,471; Nov. 10.  
Current distribution, System of alternating. W. J. McLachlen. 2,065,339; Dec. 22.  
Current electric switch, Alternating. J. Anderson. 2,038,702; Apr. 28.  
Current impulses, Device for producing periodical. H. Schattanik. 2,038,960; Apr. 28.  
Current interrupter equipment. E. R. Bonds. 2,057,472; Oct. 13.  
Current into direct current and vice versa, Converting alternating. E. Marx. 2,041,663; May 19.  
Current machine for low and for variable speed, Synchronous alternating. J. Leil. 2,039,322; May 5.  
Current minimizer, Eddy. C. E. Prince. 2,040,103; May 12.  
Current motor. W. F. Kammer. 2,047,689; July 14.  
Current rectifier, Electric. M. Masnou. 2,042,542; June 2.  
Current rectifier, Electric. S. Ruben. 2,032,439; Mar. 3.  
Current rectifying device and making the same, Electric. M. Lazarus. 2,036,707; Apr. 7.  
Current rectifying system, Electric. S. Widmer. 2,063,281; Dec. 8.  
Current rectifying system, Polyphase alternating. E. Cameron. 2,048,245; July 21.  
Current rectifying systems, Alternating. E. W. Breisch. 2,050,267; Aug. 11.  
Current relay lock-out, Reverse. J. F. Frese. 2,053,218; Sept. 1.  
Current relay, Polarized alternating. L. J. A. Le Goff. 2,053,619; Sept. 8.  
Current relay, Reverse. I. R. Redinger. 2,048,623; July 21.  
Current supply, Alternating. J. W. Allen and C. I. McNeil. 2,055,057-9; Sept. 22.  
Current supply system, Alternating. L. E. Barton. 2,050,599; Aug. 11.  
Current, System for generating alternating. A. J. Williams, Jr. 2,034,787; Mar. 24.  
Current to direct current converter, Alternating. A. B. Chereton. 2,028,191; Jan. 21.  
Current transformer, Constant. H. G. Wiest. 2,036,786; Apr. 7.  
Current transformer device, Direct electric. G. M. Pestarini. 2,030,652; Feb. 11.  
Currents, Apparatus for silencing pulsating gaseous. J. Blanchard. 2,051,675; Aug. 18.  
Currents, Arrangement for deriving. L. Körös and K. Hallen. 2,065,280; Dec. 22.  
Currents, Device for and method of controlling high frequency. A. V. Haefl. 2,064,469; Dec. 15.  
Currents into direct current or vice versa, Conversion of alternating. J. E. Alm. 2,031,582; Feb. 25.  
Currents one into the other, Method of and means for converting alternating and direct. S. S. Seyfert. 2,063,701; Dec. 8.  
Currents, Rectification of alternating. R. Crämer. 2,053,133; Sept. 1.  
Curtain. H. Geller. 2,054,051; Sept. 8.



- Curtain and drapery hook, Push-back. C. P. Taylor. 2,037,098; Apr. 14.
- Curtain and operating means therefor, Roller. F. E. Twiss. 2,055,511; Sept. 29.
- Curtain and shade hanger. F. P., J. A., and C. Ruberti. 2,036,888; Apr. 7.
- Curtain control mechanism. T. W. Bickel. 2,043,981; June 16.
- Curtain, Duplex. B. Holgate. 2,037,629; Apr. 14.
- Curtain fixture. W. S. Hamm. 2,027,587; Jan. 14.
- Curtain fixture. W. S. Hamm. 2,036,473; Apr. 7.
- Curtain fixture. M. Martinez. 2,030,309; Feb. 11.
- Curtain fixture. C. E. Updegraff. 2,056,874; Oct. 6.
- Curtain hanger. K. M. Niese. 2,063,332; Dec. 8.
- Curtain, Locomotive cab. J. E. Hooper. 2,032,068; Feb. 25.
- Curtain, Radiator. W. O. Twombly. 2,056,128; Sept. 29.
- Curtain rod construction. A. N. Pasman. 2,062,474; Dec. 1.
- Curtain rod, Traverse. G. W. Kirsch. 2,062,579; Dec. 1.
- Curtain support. C. P. Henry. 2,028,665-7; Jan. 21.
- Curtain suspension device. R. F. Carpenter. 2,045,007; June 23.
- Curtains of trousers, Constructing double. L. B. Zeldis. 2,044,236; June 16.
- Cushion, Adjustable seat back. F. L. Gailey. 2,060,298; Nov. 10.
- Cushion, Air conditioned. G. M. Gates. 2,059,226; Nov. 3.
- Cushion, Air-cooled seat. A. and O. Mitchell. 2,051,494; Aug. 18.
- Cushion blanket. A. W. Aronow. 2,038,335; Apr. 21.
- Cushion, Brake rod. C. Shank. 2,064,692; Dec. 15.
- Cushion, Carpet. A. L. Clements and W. H. Calsmer. 2,032,114; Feb. 25.
- Cushion construction. W. C. Van Dresser. 2,049,551; Aug. 4.
- Cushion construction. W. C. Van Dresser and W. B. Van Dresser. 2,049,550; Aug. 4.
- Cushion fit cap. D. M. Gray and J. J. Williams. 2,026,889; Jan. 7.
- Cushion for centrifugal tubes. A. E. Flowers. 2,053,185; Sept. 1.
- Cushion for rails of rocking chairs. W. A. J. Simpson. 2,054,487; Sept. 15.
- Cushion for spectacle cases, Protecting. W. T. Sproull. 2,047,652; July 14.
- Cushion, Heel. S. F. Bashara. 2,062,114; Nov. 24.
- Cushion, Hydraulic. F. J. Rode. 2,029,587; Feb. 4.
- Cushion, Molded. F. O. Church. 2,063,081; Dec. 8.
- Cushion pad. H. C. Krannert. 2,064,122; Dec. 15.
- Cushion pads, Method and apparatus for making. A. and G. A. Gerard. 2,028,388; Jan. 21.
- Cushion, Rubber. H. W. Protzeller and F. Fahland. 2,053,623; Oct. 27.
- Cushion, Sanitary crepe rubber. E. K. Lincoln. 2,061,664; Nov. 24.
- Cushion, Seat. S. Katz. 2,059,875; Nov. 3.
- Cushion seat and the like, Combination air and spring. M. Stubnitz. 2,031,745; Feb. 25.
- Cushion shoe. J. H. Everston. 2,055,072; Sept. 22.
- Cushion slide for furniture. W. F. Herold. 2,030,699; Feb. 11.
- Cushion, Spring. A. Wesley. 2,059,424; Nov. 3.
- Cushion, Stair. M. Sachs. 2,033,483; Mar. 10.
- Cushion support. A. Weiland. 2,052,589; Sept. 1.
- Cushion support for eggs and the like. L. Benoit. 2,030,564; Feb. 11.
- Cushion wheel. A. F. Kinzey. 2,055,823; Sept. 29.
- Cushion wheel. M. T. O'Neill. 2,046,205; June 30.
- Cushioning and centering device for railway car couplers. E. E. Schlesinger. 2,037,092; Apr. 14.
- Cushioning device. S. C. Smith. 2,055,242; Sept. 22.
- Cushioning device for violins. S. Hardy. 2,057,825; Oct. 20.
- Cushioning means for tools. C. N. Douglass and R. A. Norling. 2,035,643; Mar. 31.
- Cushioning mechanism. D. S. Barrows. 2,032,341; Feb. 25.
- Cushioning mechanism. D. S. Barrows. 2,051,024; Aug. 18.
- Cushioning mechanism. E. H. Blattner. 2,053,940; Sept. 8.
- Cushioning mechanism. L. M. Clark. 2,052,166; Aug. 25.
- Cushioning mechanism. H. G. Swan and F. G. Suckow. 2,054,566; Sept. 15.
- Cushioning structure. C. H. Heldenbrand. 2,029,370; Feb. 4.
- Cuspidor. M. J. Anderson. 2,034,322; Mar. 17.
- Cuspidor. M. E. Rogers. 2,063,559; Dec. 8.
- Cuspidor for autos. L. B. Hudson. 2,033,522; Mar. 10.
- Cutbacks, Producing. T. Robinson. 2,058,913; Oct. 27.
- Cut-off and discharge mechanism for tubing machines, bag making machines, and the like. A. Potdevin. 2,049,515; Aug. 4.
- Cut-off for cloth batchers, Automatic. N. R. Coleman. 2,030,684; Feb. 11.
- Cut-off machine. G. W. Swift, Jr. 2,031,512; Feb. 18.
- Cut-off machine. G. W. Swift, Jr. 2,059,412; Nov. 3.
- Cut-off machine, Rapid. H. D. Corwin. 2,057,011; Oct. 13.
- Cut-out, Automatic electric. R. Kurz. 2,037,662; Apr. 14.
- Cut-out, Electric safety. R. Kellendorfer. 2,063,813; Dec. 8.
- Cutlery, Making. W. Prost. 2,061,482; Nov. 17.
- Cutter: See—
- Apricot cutter. Loop cutter.
- Automatic cutter. Milling cutter.
- Bean cutter. Mining machine chain cutter.
- Biscuit and doughnut cutter. Paraffin cutter.
- Blade type cutter. Pipe cutter.
- Cable cutter. Plaster cutter.
- Cover crop cutter. Sheet material cutter.
- Drill cutter. Soap cutter.
- Ensilage cutter. Sod cutter.
- Gear cutter. Tape cutter.
- Glass cutter. Tin cutter.
- Green corn cutter. Tube cutter.
- Hedge cutter. Valve seat cutter.
- Inside casing cutter. Vegetable cutter.
- Inside pipe cutter. Vegetable top cutter.
- Key cutter. V-slot paper cutter.
- Lawn edge trimming cutter. Weed and vine cutter.
- Weed cutter.
- Cutter. G. E. Bartol, Jr. 2,041,806; May 26.
- Cutter. M. A. Comeau. 2,048,058; July 21.
- Cutter. H. E. Golber. 2,049,256; July 28.
- Cutter and cultivator assembly, Combined weed. M. E. Rutherford, S. J. Ousley, and M. C. Rankin. 2,046,211; June 30.
- Cutter and edger, Sheet metal. J. J. Ingels. 2,031,604; Feb. 25.
- Cutter and point for plows, Detachable. A. Smithson. 2,036,102; Mar. 31.
- Cutter and spindle assembly for earth boring drills, Roller. C. E. Reed. 2,065,739; Dec. 29.
- Cutter and trimmer, Grass. G. Nemethy. 2,058,249; Oct. 20.
- Cutter assembly. F. L. Scott. 2,030,722; Feb. 11.
- Cutter blade, Thread. F. E. Douglas. 2,059,169; Oct. 27.
- Cutter blades, Grinding. J. Gstyr. 2,057,303; Oct. 13.
- Cutter blades, Method and machine for lapping. J. Gstyr. 2,057,302; Oct. 13.
- Cutter chain. M. P. Holmes. 2,039,416-17; May 5.
- Cutter chain. J. F. Joy. 2,048,702; July 28.
- Cutter chain. A. L. Lee. 2,046,023-4; June 30.
- Cutter chain. L. E. Simmons. 2,028,811; Jan. 28.
- Cutter for bars of ice cream or the like. C. W. Vogt. 2,027,257; Jan. 7.
- Cutter for buttonhole machines. J. H. Pikul and C. A. O. Grip. 2,063,398; Dec. 8.
- Cutter for dredges. L. T. Gaylord. 2,040,303; May 12.
- Cutter for hydraulic dredges. W. R. Ewing. 2,029,816; Feb. 4.
- Cutter for lawn mowers, Auxiliary. N. H. Durst. 2,044,159; June 16.
- Cutter for looms, Weft thread. P. Doerseln. 2,065,364; Dec. 22.
- Cutter for paper tubes. L. L. Seymour. 2,050,768; Aug. 11.
- Cutter for well drills. F. L. Scott and H. A. Schaeffer. 2,038,386; Apr. 21.
- Cutter head. P. P-G. Hall. 2,064,304; Dec. 15.
- Cutter head and cutter mounting means. A. G. Melde. 2,054,828; Sept. 22.
- Cutter head for boring machines. C. O. Hane. 2,043,614; June 9.
- Cutter, Making a hard faced. R. W. Schlumpf. 2,057,209; Oct. 13.
- Cutter mechanism for packaging machines. R. J. and G. A. Hutt. 2,027,233; Jan. 7.
- Cutter register control. F. H. Culliksen. 2,050,316; Aug. 11.
- Cutter, spindle and antifriction assembly for earth boring drills. C. E. Reed. 2,065,740; Dec. 29.
- Cutter, spindle and bearing assembly for earth boring drills, Roller. C. E. Reed. 2,065,742; Dec. 29.
- Cutter supporting means for well drills. F. L. Scott and L. E. Garfield. 2,030,723; Feb. 11.
- Cutter tool. Expansible. G. D. Johnson. 2,049,450; Aug. 4.
- Cutters for hydraulic dredges, Reforming. W. R. Ewing. 2,044,383; June 16.
- Cutting and abrading machine and process. J. F. Williams. 2,030,023; Feb. 4.
- Cutting and beveling tool. S. H. Smith. 2,065,761; Dec. 29.
- Cutting and drawing table. J. W. Flatt. 2,034,177; Mar. 17.
- Cutting and folding mechanism for printing machines, Rotary. F. Lamatsch. 2,031,780; Feb. 25.
- Cutting and gumming machine. H. Pierce. 2,057,264; Oct. 13.
- Cutting and loading machine for mines, Combined. M. S. Moore. 2,033,441; Mar. 10.
- Cutting and profiling apparatus. H. D. Corwin. 2,057,820; Oct. 20.
- Cutting and shaving device. H. Sieminski. 2,028,022; Jan. 14.
- Cutting apparatus. E. A. Rosin. 2,042,553; June 2.
- Cutting attachment for metal working spindle machines, Eccentric. C. H. Hoisington and R. Beacom. 2,039,646; May 5.
- Cutting device. F. W. Davis. 2,053,702; Sept. 8.
- Cutting device. J. T. Gondek. 2,034,979; Mar. 24.
- Cutting device. D. W. Lee. 2,042,318; May 26.



- Cutting device. H. Tring. 2,057,547; Oct. 13.  
 Cutting die. B. W. Freeman. 2,052,759; Sept. 1.  
 Cutting die. F. Mertinz. 2,063,179; Dec. 8.  
 Cutting implement. N. J. Rivard. 2,042,965; June 2.  
 Cutting implement, Double lever side. J. A. Nietzel and R. Toeplitz. 2,028,558; Jan. 21.  
 Cutting machine. F. W. Billker. 2,041,742; May 26.  
 Cutting machine. J. P. Crowley. 2,045,586; June 30.  
 Cutting machine. D. H. Goodwille. 2,035,544; Mar. 31.  
 Cutting machine. J. I. Jenkins. 2,046,076; June 30.  
 Cutting machine. C. Schober. 2,039,457; May 5.  
 Cutting machine. C. F. Schwennker. 2,044,548; June 16.  
 Cutting machine. J. F. Smith. 2,031,744; Feb. 25.  
 Cutting machine. A. C. Whiting. 2,031,444; Feb. 18.  
 Cutting machine. C. B. Williams, Jr. 2,035,580; Mar. 31.  
 Cutting machine. E. D. Williams. 2,035,581; Mar. 31.  
 Cutting machine, Portable electric. I. Jeppsson. 2,033,939; Mar. 17.  
 Cutting mechanism. R. C. Tolmie. 2,057,860; Oct. 20.  
 Cutting-off abrasive wheel. D. E. Webster. 2,036,903; Apr. 7.  
 Cutting off mechanism for tube and bag making machinery. A. Potdevin. 2,043,554; June 9.  
 Cutting or surfacing machine. P. H. Hutchinson. 2,039,223; Apr. 28.  
 Cutting or welding machine. J. L. Anderson. 2,038,820; Apr. 28.  
 Cutting or welding machine. H. W. Jones, J. H. Bucknam, and H. W. Cowin. 2,054,425; Sept. 15.  
 Cutting or welding machine, Universal. J. L. Anderson. 2,032,733; Mar. 3.  
 Cutting tool. R. J. Dowling and C. D. Davidson. 2,057,769; Oct. 20.  
 Cutting tool. I. W. Green. 2,044,527; June 16.  
 Cutting tool. T. M. Stephens. 2,058,737; Oct. 27.  
 Cutting tool. W. M. Thompson. 2,061,491; Nov. 17.  
 Cutting tool. A. H. Woodward. 2,053,358; Sept. 8.  
 Cutting tool, Fiberboard. W. G. Davis. 2,059,317; Nov. 3.  
 Cutting tool, Thread forming. G. R. Scott. 2,052,804; Sept. 1.  
 Cutting torch tip with noncircular orifice. C. J. Coberly. 2,033,568; Mar. 10.  
 Cuticle remover and removing cuticle. D. G. Thuesen. 2,041,158; May 19.  
 Cyanid by fusion, Producing white. E. J. Pranke. 2,055,136; Sept. 22.  
 Cyanide melts, Maintaining or regulating the efficacy of. W. Beck. 2,063,079; Dec. 8.  
 Cyanide solutions, Precipitation of. L. D. Mills and T. B. Crowe. 2,039,656; May 5.  
 Cyanuric acid. E. Theis. 2,045,111; June 23.  
 Cyanuric derivatives of dithiocarbamic acids. L. Orthner and M. Bögemann. 2,061,520; Nov. 17.  
 Cycle. P. Zucker. 2,027,758; Jan. 14.  
 Cycle process for reducing titanium sulphate liquors. I. J. Krichma. 2,049,504; Aug. 4.  
 Cycle process of treating alkaline pulps. G. A. Richter. 2,041,666; May 19.  
 Cyclone separator. J. H. Keenan. 2,033,470-1; Mar. 10.  
 Cyclone separator. J. H. Keenan. 2,044,614; June 16.  
 Cylinder block for air cooled internal combustion engines. C. S. Brown. 2,062,394; Dec. 1.  
 Cylinder block reamer. T. S. Kline and K. Rogers. 2,039,719; May 5.  
 Cylinder, Compensating master. H. C. Bowen. 2,060,846; Nov. 17.  
 Cylinder, Compound. H. C. Bowen. 2,027,267; Jan. 7.  
 Cylinder, Compound. E. F. Loweke. 2,036,342; Apr. 7.  
 Cylinder construction. H. E. Muchnic. 2,064,124; Dec. 15.  
 Cylinder construction for air cooled engines. C. S. Brown. 2,062,392-3; Dec. 1.  
 Cylinder construction for air cooled internal combustion engines. C. S. Brown. 2,062,391; Dec. 1.  
 Cylinder construction for washing machines or the like. F. A. Gerlach. 2,062,021; Nov. 24.  
 Cylinder construction, Rotary. G. W. Johnson. 2,062,030; Nov. 24.  
 Cylinder fin construction. R. Chilton and R. F. Gagg. 2,064,461; Dec. 15.  
 Cylinder for fluid-operated systems, Master. E. G. Carroll. 2,041,164; May 19.  
 Cylinder for jacquard looms, Pattern card. H. V. Foster. 2,045,946; June 30.  
 Cylinder for printing machines. A. J. Horton. 2,048,005; July 21.  
 Cylinder for printing presses, Adjustable plate. A. T. Koppe. 2,045,151; June 23.  
 Cylinder for washing machines. H. Koplin and J. Maki. 2,057,035; Oct. 13.  
 Cylinder head. R. H. Pennebaker. 2,030,893-4; Feb. 18.  
 Cylinder head. A. B. Willh. 2,060,407; Nov. 10.  
 Cylinder head and heat control valve structure. W. O. Bechman. 2,054,534; Sept. 15.  
 Cylinder head and valve mechanism for internal combustion engines. F. J. Holmes. 2,057,147; Oct. 13.  
 Cylinder head, Composite. F. Jardine. 2,049,205; July 28.  
 Cylinder head, Venturi type. C. E. Summers. 2,030,663; Feb. 11.  
 Cylinder, Hydraulic brake. F. W. Sampson. 2,050,736; Aug. 11.  
 Cylinder locks and keys, Apparatus for fitting. C. Zygmunt. 2,063,138; Dec. 8.  
 Cylinder mounting for rotary printing presses, Change form. W. K. Eckhard. 2,045,981; June 30.  
 Cylinder of die casting machines for plastic masses, Heatable mass. H. Gastrow. 2,057,945; Oct. 20.  
 Cylinder of rotary duplicating machines, Printing. S. T. Morrell and H. G. St. V. Beechey. 2,026,906; Jan. 7.  
 Cylinder, Power. N. A. Christensen. 2,026,672; Jan. 7.  
 Cylinder, Printing. W. F. Huck and I. A. Hunting. 2,051,858; Aug. 25.  
 Cylinder, Printing. G. W. Poppe. 2,033,205; Mar. 10.  
 Cylinder, Printing. J. R. Tomlin. 2,056,991; Oct. 13.  
 Cylinder, Printing plate. H. A. W. Wood. 2,035,630; Mar. 31.  
 Cylinder scavenging of internal combustion engines. G. R. Gehrandt. 2,034,093; Mar. 17.  
 Cylinder sleeve press. F. S. Heimbach and W. Leischel. 2,036,475; Apr. 7.  
 Cylinder structure and producing the same. F. E. Lonas and F. C. Booth. 2,054,773; Sept. 15.  
 Cylinder vacuum cleaner, Dictating machine. G. Miller. 2,059,263; Nov. 3.  
 Cylinder web drier, Multiple. E. Schmidt. 2,054,391; Sept. 15.  
 Cylinders, Apparatus for the production of etched copper printing. H. Kindermann. 2,049,012; July 28.  
 Cylinders, Apparatus for trimming. W. A. Lippincott. 2,033,946; Mar. 17.  
 Cylinders, Apparatus for trimming. W. A. Lippincott. 2,061,581; Nov. 24.  
 Cylinders, Design printing, making. W. E. Brawn. 2,029,220; Jan. 28.  
 Cylinders in engines with angularly disposed cylinders, Anchoring. E. O. P. Thege. 2,041,979; May 26.  
 Cylinders or containers, Manufacture of lightweight. A. Rothschild. 2,035,408; Mar. 24.  
 Cylindrical articles, Method and apparatus for wrapping. A. H. Haupt. 2,026,532; Jan. 7.  
 Cylindrical members of pliable material, Apparatus for use in forming. H. T. Kraft. 2,035,390; Mar. 24.  
 Cylindrical roller bearing, Multirow. K. E. Kylén. 2,029,265; Jan. 28.  
 Cylindrical surface turning machine. E. P., Jr. and E. C. Bullard. 2,035,043; Mar. 24.  
 Cymene and toluene from terpenes, Manufacturing. H. O. V. Bergström, K. N. Cerderquist, and K. G. Trobeck. 2,052,917; Sept. 1.  
 Dairy sediment filter. W. A. Hehn. 2,064,259; Dec. 15.  
 Dam. C. V. Davis. 2,029,224; Jan. 28.  
 Dam for concrete slabs, Water. E. A. Robertson. 2,037,926; Apr. 21.  
 Dam, Gravity. L. U. E. A. Battle. 2,038,979; Apr. 28.  
 Dampening printing surfaces of planographic and analogous presses. J. G. Goedike. 2,043,995; June 16.  
 Damper. H. Schaaf. 2,056,410; Oct. 6.  
 Damper and manufacture of same, Stove. M. L. Hunker. 2,059,793; Nov. 3.  
 Damper and process of assembly, Vibration. J. J. Taylor. 2,028,930; Jan. 28.  
 Damper, Bolster. E. G. Goodwin. 2,053,989; Sept. 8.  
 Damper, Check draft. C. B. Rogers. 2,033,398; Mar. 10.  
 Damper control system. G. H. Ross. 2,028,249; Jan. 21.  
 Damper device, Thermostatically controlled. A. S. Hopking. 2,031,652; Feb. 25.  
 Damper, Fireplace. K. F. Triggs. 2,053,355; Sept. 8.  
 Damper for shafts, Vibration. G. Pielstick. 2,066,224; Dec. 29.  
 Damper for stamps, envelopes, and the like. E. Thomas. 2,050,676; Aug. 11.  
 Damper, Louver. H. J. Young. 2,040,893; May 19.  
 Damper, Vibration. H. H. Febrey. 2,065,490; Dec. 22.  
 Damper, Vibration. R. A. Monroe. 2,058,174; Oct. 20.  
 Damper, Vibration. M. E. Noyes and R. A. Monroe. 2,058,173; Oct. 20.  
 Damper, Vibration. G. W. Stickley. 2,043,717; June 9.  
 Damper, Vibration. J. J. Taylor. 2,064,636; Dec. 15.  
 Damping arrangement for deflecting instruments. R. G. Jewell. 2,036,811; Apr. 7.  
 Damping device. J. Mercier. 2,031,000; Feb. 18.  
 Damping means for precision balance, Adjustable. J. Gattoni. 2,036,689; Apr. 7.  
 Dampproof structure and constructing same. N. L. Dahlander. 2,036,123; Mar. 31.  
 Dandelion and weed picker. W. W. Krauter, Jr. 2,033,431; Mar. 10.  
 Dandelion collector. R. Reinbold. 2,036,540; Apr. 7.  
 Darkroom ventilator. A. G. Sutcliffe. 2,054,526; Sept. 15.  
 Dart board. C. J. Widmeier. 2,060,405; Nov. 10.  
 Dash control valve. J. B. Whitted. 2,040,193; May 12.  
 Dash pot. R. C. Sayforth. 2,052,727; Sept. 1.  
 Dashpot control device. C. R. Post. 2,061,170; Nov. 17.  
 Dasher. Z. D. Williams. 2,053,592; Sept. 8.  
 Data indicator. B. L. Padgett. 2,032,304; Feb. 25.  
 Data recording projection machine. F. E. Anderson. 2,052,593; Sept. 1.  
 Dating and numbering machine. L. T. Gilardoni. 2,063,427; Dec. 8.  
 Davit, Boat. W. C. Dean. 2,045,587; June 30.  
 Davit for lifeboats. A. Pampinella. 2,033,000; Mar. 3.  
 Davit mechanism device for launching lifeboats. T. H. Marten. 2,028,513; Jan. 21.  
 Dead end clamp. A. A. Hoher. 2,062,653; Dec. 1.  
 Deal indicator for card games. J. L. Kremer. 2,050,954; Aug. 11.  
 Decalcomania. J. B. Carr and S. P. Wilson. 2,057,625; Oct. 13.



- Decanting device and attaching same. L. W. Helmuth and A. E. Meade. 2,035,808; Mar. 31.
- Decay, Preventing. J. N. Sharma. 2,054,392; Sept. 15.
- Decelerator. C. C. Guthrie. 2,061,656; Nov. 24.
- Deck construction, Supported. C. F. Davis. 2,049,733; Aug. 4.
- Deck for oil storage tanks, Floating. J. A. Stough. 2,036,372; Apr. 7.
- Deck lid support. F. C. McCorkell. 2,056,799; Oct. 6.
- Deck plate for a velocipede. B. J. Anderson. 2,057,872; Oct. 20.
- Deck sash fixture. G. C. Christy. 2,063,583; Dec. 8.
- Deck slab, Precast insulated concrete. G. E. Nagel. 2,047,109; July 7.
- Deconcentrator for locomotive boilers. R. M. Ostermann. 2,026,951; Jan. 7.
- Decorating large surfaces by photography. E. Mollo and H. C. Merrett. 2,041,853; May 26.
- Decorating surface and obtaining the same. L. V. Casto. 2,047,670; July 14.
- Decoration, Christmas tree. N. Veenboer. 2,047,045; July 7.
- Decoration for brown plastic ware, Interior. W. O. Ballard. 2,054,553; Sept. 15.
- Decorative article. L. H. McClintock. 2,053,839; Sept. 8.
- Decorative article and producing same. W. R. Baur. 2,056,151; Oct. 6.
- Decorative device. A. Simeone. 2,052,425; Aug. 25.
- Decorative device, Illuminated. E. J. Graf. 2,031,641-2; Feb. 25.
- Decorative effects with light, Creating and displaying. W. Reiss. 2,029,543; Feb. 4.
- Decorative indicia to articles, Applying. H. H. Scharfman and M. Kamen. 2,037,827; Apr. 21.
- Decorative material. T. S. Reese. 2,035,760; Mar. 31.
- Decorative material and article. F. George. 2,027,586; Jan. 14.
- Decorative product and making the same. J. Frank. 2,031,474; Feb. 18.
- Decorative surfaces, Producing. K. Turk. 2,032,236; Feb. 25.
- Decoy. J. E. Breuer. 2,043,827; June 9.
- Decoy, Flying. W. T. Shay. 2,028,849; Jan. 28.
- Decurling attachment for hosiery seaming machines. F. G. Reuther. 2,054,002; Sept. 8.
- Deep well pump. L. C. Bowling. 2,051,243; Aug. 18.
- Deep well pump. R. L. Chenault. 2,059,508; Nov. 3.
- Deep well pump. H. S. Crooks and G. Highfield. 2,063,839; Dec. 8.
- Deep well pump. R. S. Fillmore. 2,060,493; Nov. 10.
- Deep well pump. W. H. Graham and W. S. Grau. 2,042,336; May 26.
- Deep well pump. J. P. Jackson. 2,049,957; Aug. 4.
- Deep well pump. J. Paul. 2,038,674; Apr. 28.
- Deep well pump. R. N. Vickers. 2,048,085; July 21.
- Deep well pump. A. C. Zimmerman and E. F. Steger. 2,061,789; Nov. 24.
- Deep-well pump. A. C. Zimmerman and E. F. Steger. 2,063,863; Dec. 8.
- Defecator weighing device. F. Gunnison. 2,057,024; Oct. 13.
- Deflector and control for vehicle heaters. H. F. Hadley. 2,065,328; Dec. 22.
- Deflector, Closed car wind. E. M. Harris. 2,030,866; Feb. 18.
- Deflector, Diffusion impeller. L. D. Drake and W. M. Gardella. 2,061,564; Nov. 24.
- Deflector for gas stoves. P. A. Hentschel. 2,051,710; Aug. 18.
- Deflector for slicing machines. J. Folk. 2,055,817; Sept. 29.
- Deflector for vehicle heaters. D. S. Maxwell. 2,034,587; Mar. 17.
- Defroster and wiper, Electric windshield. A. Luckanich. 2,036,155; Mar. 31.
- Defroster, Automatic refrigerator. A. S. Volpin. 2,064,396; Dec. 15.
- Defroster, Automobile ventilator and windshield. H. C. Parker. 2,064,492; Dec. 15.
- Defroster, Windshield. T. J. Gerwer. 2,059,990; Nov. 3.
- Defroster, Windshield. P. Nielsen. 2,051,999; Aug. 25.
- Defrosting device, Automatic. S. Ruppricht. 2,049,625; Aug. 4.
- Defrosting device for refrigerators. J. W. Cannon. 2,049,413; Aug. 4.
- Dehairsing machine. J. B. Middaugh. 2,044,179; June 16.
- Dehumidifying solution. J. J. Grebe, S. M. Stoesser, and F. R. Minger. 2,033,934; Mar. 17.
- Dehydrating apparatus. W. B. Goding. 2,044,386; June 16.
- Dehydrating compositions. H. H. Baker. 2,039,512; May 5.
- Dehydrating device. H. H. Baker. 2,036,909; Apr. 7.
- Dehydrating machine. S. J. Rand. 2,038,904; Apr. 28.
- Dehydration apparatus. L. Altpeter. 2,059,191; Nov. 3.
- Dehydration, storage, and maintenance of dehydration of food products, such as hay. J. G. Shodron. 2,038,008; Apr. 21.
- Dehydrator. J. M. Younger. 2,050,597; Aug. 11.
- Dehydrator, Electric. L. Dillon. 2,029,362; Feb. 4.
- Dehydrator, Electric. T. N. St. Hill. 2,033,593; Mar. 10.
- Dehydrator, Electric. J. T. Worthington. 2,033,167; Mar. 10.
- Dehydrator, Electrical. H. F. Fisher. 2,029,527; Feb. 4.
- Dehydrator with preliminary treatment. H. F. Fisher. 2,033,137; Mar. 10.
- Deinsulator for electric conductors. C. M. Deaver. 2,036,463; Apr. 7.
- Delay apparatus for linecasting and composing machines. M. T. Goetz. 2,062,306; Dec. 1.
- Delivery apparatus. C. F. Barnecott. 2,053,315; Sept. 8.
- Delivery box. J. A. Hopwood. 2,030,109; Feb. 11.
- Delivery mechanism for rotary steel plate printing machines. F. C. Marquardt. 2,035,903; Mar. 31.
- Demodulator. A. A. Leonard. 2,063,814; Dec. 8.
- Demodulator sensitivity control, Automatic. R. Urtel and K. Steimel. 2,027,939; Jan. 14.
- Demonstrating apparatus. R. P. Ross. 2,042,361; May 26.
- Demonstration apparatus. C. E. Johansson. 2,026,684; Jan. 7.
- Demonstration device. J. A. Hopkins. 2,060,869; Nov. 17.
- Demountable body. B. F. Fitch. 2,028,901-2; Jan. 28.
- Demountable wheel. P. A. Haberl. 2,029,866; Feb. 4.
- Demountable wheel. L. Lebel. 2,031,114; Feb. 18.
- Demountable wheel. D. Slick. 2,043,123; June 2.
- Dental alloy. R. L. Coleman and K. Smith, Jr. 2,050,040; Aug. 4.
- Dental alloy, Palladium. E. M. Wise. 2,050,077; Aug. 4.
- Dental appliance. E. H. Eden. 2,027,373; Jan. 14.
- Dental crowns or the like, Apparatus for forming. C. Stahl. 2,058,838; Oct. 27.
- Dental construction. W. A. Zelesnick. 2,031,996; Feb. 25.
- Dental flask holder. A. R. Snively. 2,051,427; Aug. 18.
- Dental floss holder. J. A. Storm. 2,059,287; Nov. 3.
- Dental gauge. F. W. Cabbage. 2,040,835; May 19.
- Dental handpiece. L. A. Young. 2,035,934; Mar. 31.
- Dental impression composition. R. B. Stringfield. 2,057,456; Oct. 13.
- Dental impression parting tool. L. Kalvin. 2,043,831; June 9.
- Dental instrument. L. L. Bosworth. 2,056,417; Oct. 6.
- Dental instrument. L. G. Coble. 2,060,555; Nov. 10.
- Dental instrument. F. F. Marschalk. 2,031,273; Feb. 18.
- Dental instrument. A. E. Thornberry. 2,044,410; June 16.
- Dental instrument. P. N. Zimmer. 2,057,077; Oct. 13.
- Dental light. A. Stutz and J. Milstead. 2,038,911; Apr. 28.
- Dental machine. N. N. Nechtow. 2,044,255; June 16.
- Dental manikin. M. O. Squires. 2,029,682; Feb. 4.
- Dental matrix. F. M. Hutchinson. 2,039,418; May 5.
- Dental matrix holder. W. E. Harper. 2,043,999; June 16.
- Dental restoration. O. Swan and F. Pollitzer. 2,028,882; Jan. 28.
- Dental restoratives, Preparing. F. S. Meyer. 2,059,262; Nov. 3.
- Dental tool attachment. J. H. Blair. 2,043,028; June 2.
- Dental waste receptacle. B. M. Smith. 2,034,006; Mar. 17.
- Dental X-ray film holder. W. J. Daly. 2,035,051; Mar. 24.
- Dentifrice. E. B. Putt. 2,042,359; May 26.
- Dentifrice polishing base. J. Janota, Jr. 2,041,473; May 19.
- Dentifrice product. J. Ripert. 2,059,396; Nov. 3.
- Dentistry. H. Spiro. 2,029,003; Jan. 28.
- Denture and making the same, Artificial. H. D. Morgan. 2,057,341; Oct. 13.
- Dentures, Apparatus for use in the formation of artificial. L. N. Roebuck. 2,061,484; Nov. 17.
- Denture. R. W. Blake. 2,036,678; Apr. 7.
- Denture and making the same, Artificial. H. D. Morgan. 2,036,715; Apr. 7.
- Denture, Self-retaining lower. G. W. Fleischman. 2,043,742; June 9.
- Dentures, Apparatus for making artificial. C. A. Reith. 2,043,394; June 9.
- Dentures, Apparatus for the production of. C. Joannides. 2,049,011; July 28.
- Deodorant and disinfectant holder. H. W. Hoffman. 2,059,524; Nov. 3.
- Deodorizer. H. W. Hoffman. 2,034,619; Mar. 17.
- Deodorizing. B. O. Crites. 2,054,966; Sept. 22.
- Deparaffinator. D. Rallet and F. Keller. 2,058,825; Oct. 27.
- Depilatory. H. A. Fischer. 2,062,411; Dec. 1.
- Depilatory, Stable. F. Koenigsberger. 2,031,489; Feb. 18.
- Deposit eliminator. J. Audette. 2,040,069; May 12.
- Depository. J. J. Murtaugh, Jr. 2,030,313; Feb. 11.
- Depository, Circular. E. W. Kenyon. 2,032,618; Mar. 3.
- Depository, Security. C. F. Meilink. 2,028,464; Jan. 21.
- Deposits of carbon, paints, varnish, and the like from engine parts, Apparatus for removing. R. G. Gerlach. 2,037,071; Apr. 14.
- Depot, Ice. D. A. Wilson. 2,039,864; May 5.
- Depressant of high strength and preparing same, Four point. R. G. Sloane. 2,045,806; June 30.
- Depressors, Manufacture of pour point. F. H. MacLaren. 2,030,307; Feb. 11.
- Depth gauge. S. Gulick. 2,040,552; May 12.
- Depth gauge control and lead plug. L. T. Starr. 2,053,448; Sept. 8.
- Depths, Apparatus for measuring. E. E. Turner, Jr. 2,044,820; June 23.
- Depths, Method and apparatus for measuring. E. E. Turner, Jr. 2,033,160; Mar. 10.



- Derailing device. T. J. Reagan. 2,031,574; Feb. 18.
- Derivative of cellulose solvent and employing the same. G. W. Seymour. 2,036,303; Apr. 7.
- Derivatives of  $\alpha$ ,  $\alpha$ ,  $\alpha$ -tribromoethane, Manufacture of. H-P. Müller. 2,057,964; Oct. 20.
- Derivatives of aliphatic hydrocarbons useful as wetting and cleansing agents, Sulphonated. F. B. Downing and R. G. Clarkson. 2,061,620; Nov. 24.
- Derivatives of amino-quinolines and making same. L. Ach and C. von Hofe. 2,065,879; Dec. 29.
- Derivatives of cellulose, Manufacture of organic. G. W. Seymour. 2,064,226; Dec. 15.
- Derivatives of N-dihydro-1,2,2',1'-anthraquinone azine, Production of. F. W. Johnson. 2,030,877; Feb. 18.
- Derivatives of the violanthrone series and preparing them. W. H. Lycan. 2,058,607; Oct. 27.
- Derivatives of thiazole and preparing the same. T. B. Johnson. 2,030,373; Feb. 11.
- Derivatives of unsaturated organic acids, Polymerization of. J. W. C. Crawford. 2,054,740; Sept. 15.
- Derivatives of urea. S. Coffey and J. E. Schofield. 2,027,150; Jan. 7.
- Derivatives of Urea, Producing poly-substituted. J. Kardaszewicz. 2,044,355; June 16.
- Derrick construction, Multiple. M. J. and M. F. Sasgen. 2,051,497; Aug. 18.
- Derrick post, Oil field. L. C. Moore. 2,031,002; Feb. 18.
- Dessicant and producing same, Molded. R. V. Heuser. 2,064,113; Dec. 15.
- Design and article, Creating a. R. W. Lundquist. 2,062,590; Dec. 1.
- Design of keyboards or fields of sounding bodies. H. Luedtke. 2,061,364; Nov. 17.
- Designs upon very heavy rollers for color printing purposes, Producing. G. P. Varley and A. Clarke. 2,041,501; May 19.
- Desk. G. J. Barrett. 2,030,348; Feb. 11.
- Desk. L. J. Lightfoot. 2,051,490; Aug. 18.
- Desk and cabinet unit, Foldable. J. Fanarjian. 2,050,833; Aug. 11.
- Desk and chair, Combination school. J. E. McCall. 2,061,163; Nov. 17.
- Desk and seat, Combination. W. W. Drummey. 2,041,908; May 26.
- Dessert preparation. H. G. Lorenzen. 2,045,019; June 23.
- Desserts and apparatus, Freezing. I. Rehtin. 2,028,806; Jan. 28.
- Destroyer for tickets. C. O. Feddern, L. L. Rementer, and W. C. Scott. 2,036,207; Apr. 7.
- Destructible container. F. H. Groves. 2,052,402; Aug. 25.
- Destructor. A. H. Mann. 2,030,114; Feb. 11.
- Desuperheater. G. D. Dodd. 2,033,185; Mar. 10.
- Desuperheater. J. E. Wood. 2,056,241; Oct. 6.
- Detachable bit. P. Liddicoat. 2,051,306; Aug. 18.
- Detachable blade bit. L. A. Layne and H. C. Block. 2,040,263; May 12.
- Detachable hinge. J. M. Melick. 2,041,850; May 26.
- Detecting and alarm apparatus from a distance of fire, Automatic. A. Blanc. 2,035,738; Mar. 31.
- Detecting and amplifying system. H. F. Elliott. 2,030,913; Feb. 18.
- Detecting apparatus. W. Patzer. 2,057,737; Oct. 20.
- Detecting system. F. G. Kelly. 2,064,980; Dec. 22.
- Detection device. J. Flaws, Jr. 2,027,157; Jan. 7.
- Detector: See—
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| Abnormal milk detector.           | Liquid leakage detector. |
| Coin detector.                    | Rail-flaw detector.      |
| Counterfeit paper money detector. | Vibration detector.      |
- Detector. J. W. Conklin. 2,050,963; Aug. 11.
- Detector. R. Veldhuyzen. 2,044,925; June 23.
- Detector distortion control. C. Travis. 2,053,449; Sept. 8.
- Detector for tubular conductors, Flaw. F. D. Braddon. 2,053,693; Sept. 8.
- Detector system, Short wave. R. A. Braden. 2,050,598; Aug. 11.
- Detent means for cable drums. F. E. Stahl. 2,053,976; Sept. 8.
- Detergent and polishing compound. F. G. Hunt, Jr. 2,053,613; Sept. 8.
- Detergent composition. J. K. Berresford. 2,035,940; Mar. 31.
- Detergent composition. W. Blech. 2,056,916; Oct. 6.
- Detergent composition. W. Blech. 2,064,725; Dec. 15.
- Detergent, Making. A. L. Sodergreen. 2,049,476; Aug. 4.
- Detergent, Sodium silicate. F. D. Snell and H. V. Moss. 2,046,192; June 30.
- Detonator, Colorific radiation. J. H. Hammond, Jr. 2,060,203; Nov. 10.
- Detonator controlled by intensity change, Photoelectric. J. H. Hammond, Jr. 2,060,199; Nov. 10.
- Detonator, Cosmic ray. J. H. Hammond, Jr. 2,060,208; Nov. 10.
- Detonator, Echo torpedo. J. H. Hammond, Jr. 2,060,198; Nov. 10.
- Detonator leg wire assembly and winding the same. D. D. Huyett. 2,061,578; Nov. 24.
- Detonator operated by direct illumination, Photoelectric. J. H. Hammond, Jr. 2,060,207; Nov. 10.
- Detonator operated by reflection, Photoelectric. J. H. Hammond, Jr. 2,060,200; Nov. 10.
- Detonator using two photoelectric cells, Photoelectric. J. H. Hammond, Jr. 2,060,201; Nov. 10.
- Developing machine. A. L. V. C. Debrie. 2,061,552; Nov. 24.
- Device employing fluid electrodes. I. Balinkin and D. A. Wells. 2,064,873; Dec. 22.
- Device facilitating the slip of motor car trailers coupled to one or several axles. A. Hekking. 2,050,948; Aug. 11.
- Device for catching crown corks and like bottle-closures. F. E. Williamson. 2,029,804; Feb. 4.
- Device for clamping mobile units on railway track rails. H. J. Perazzoli. 2,058,033; Oct. 20.
- Device for cleaning out the overflow passages of wash basins. F. Solarl. 2,045,731-2; June 30.
- Device for cleaning tobacco pipes, cigarette holders, and the like. R. R. Croft. 2,049,196; July 28.
- Device for converting a rotating motion into a rectilinear reciprocating motion. E. Dirix. 2,064,889; Dec. 22.
- Device for creating an illusion. R. Harding, Jr. 2,030,919; Feb. 18.
- Device for deflecting a stream of elastic fluid projected into an elastic fluid. H. Coanda. 2,052,869; Sept. 1.
- Device for facilitating the reading of a slide rule. W. C. Powell. 2,060,528; Nov. 10.
- Device for locating the position of a movable body. H. E. Sjöstrand. 2,043,336; June 9.
- Device for measuring the adjustment of machine tool carriages. H. Lindner. 2,039,231; Apr. 28.
- Device for measuring the intensity and the frequency of the sound produced by flowing gravels in rivers and the like. W. Türk. 2,047,529; July 14.
- Device for molding the breasts in the contours and form desired. N. Becker. 2,061,268; Nov. 17.
- Device for opening cans. E. Ljungström and O. A. Olsson. 2,029,329; Feb. 4.
- Device for opening jars. H. J. Lebherz. 2,031,420; Feb. 18.
- Device for opening sealed containers and dispensing the contents thereof. J. H. Weber. 2,038,775; Apr. 28.
- Device for packing plants for shipment and storage. C. E. Wilson. 2,064,707; Dec. 15.
- Device for paying out a holsting line. J. C. Patterson. 2,042,481; June 2.
- Device for promoting greater safety in connection with the use of bathtubs. R. H. Zinkil. 2,063,864; Dec. 8.
- Device for radioactive impregnation of materials. E. Rosenberg and P. Happel. 2,056,370; Oct. 6.
- Device for regulating the air-gap between the stator and rotor in dynamo machines having annular elements. J. W. Swendsen. 2,039,199; Apr. 28.
- Device for removing drills or other articles from their shafts. R. A. Bedford. 2,031,814; Feb. 25.
- Device for ripping open paper envelopes. A. D. Thieme. 2,043,129; June 2.
- Device for securing articles of hardware to wooden members. J. N. Victor. 2,029,453; Feb. 4.
- Device for securing children under the covers. E. F. Murphy. 2,034,954; Mar. 24.
- Device for simultaneously regulating the pressure of a series of pressure rolls adjacent a heating table. H. Meyer. 2,030,527; Feb. 11.
- Device for simultaneously twisting and winding knitted threads. F. Hanfl. 2,031,707; Feb. 25.
- Device for spraying. E. S. Warner. 2,029,141; Jan. 28.
- Device for the elimination of piston flutter. D. J. Wherry. 2,063,210; Dec. 8.
- Device for trimming the edge of a lawn. F. J. Wingard. 2,052,154; Aug. 25.
- Device for use in sports. F. Girard and M. Gottburg. 2,036,524; Apr. 7.
- Device for waving and doubling over the edge of crepe paper for decorative purposes. H. Zschernitz. 2,053,758; Sept. 8.
- Device indicating the position of adjustable parts of radio sets and the like. M. Leeuwijn. 2,027,918; Jan. 14.
- Device of a ship's propeller enclosed by a nozzle, Combined. L. Kort. 2,030,375; Feb. 11.
- Dewaxing. D. E. Payne. 2,026,651; Jan. 7.
- Dewaxing process. J. A. Anderson. 2,059,837; Nov. 3.
- Dewpoint, Controlling. L. E. Young. 2,033,665; Mar. 10.
- Dextrine composition, Manufacture of bleached dry. A. A. Haldenstein. 2,056,575; Oct. 6.
- Dextrose, Crystallization of. C. J. Copland. 2,029,560; Feb. 4.
- Dextrose, Crystallizing. C. Ebert and W. B. Newkirk. 2,065,669; Dec. 29.
- Dextrose, Manufacture of. W. B. Newkirk. 2,065,724; Dec. 29.
- Dextrose, Quick hydrating anhydrous. T. A. Bruce. 2,058,852; Oct. 27.
- Diacyl, Producing. E. Eberhardt. 2,062,263; Nov. 24.
- Diagram, Living. J. Latzko and O. Flechl. 2,042,667; June 2.
- Dial arrangement for broadcast receivers. G. Leifer and O. Weeber. 2,038,796; Apr. 28.
- Dial control for hydraulic radial drills, Double. L. L. Schauer and J. H. McKewen. 2,027,705; Jan. 14.
- Dial for knitting machines. I. W. Grothey. 2,027,276; Jan. 7.
- Dial for time switches, Astronomical. F. C. Holtz. 2,060,991; Nov. 17.
- Dial, Illuminated instrument. J. W. Hobbs. 2,062,883; Dec. 1.
- Dial, Luminous. R. G. Fordyce. 2,061,097; Nov. 17.
- Dial mechanism. D. R. De Tar. 2,052,701; Sept. 1.
- Dial, Repertory. I. W. Green. 2,061,273; Nov. 17.



- Dial timing mechanism for circular knitting machines. R. J. Paquette. 2,040,021; May 5.
- Dials, scales and the like, Production of. J. Heidenhain. 2,042,049; May 26.
- Dialkyl sulphate, Purifying. H. L. Cox and T. F. Caruthers. 2,033,910; Mar. 17.
- Diamines, Tetra-alkylated. F. L. Pyman and H. H. L. Levene. 2,056,867; Oct. 6.
- Diamonds, Apparatus for preparing synthetic carbonado. J. H. L. DeBats. 2,027,963; Jan. 14.
- Diaper. D. B. Kennard. 2,032,131; Feb. 25.
- Diaper. D. Lesueur. 2,049,913; Aug. 4.
- Diaper. L. C. MacClashan. 2,059,956; Nov. 3.
- Diaper cover. L. Warinner. 2,054,310; Sept. 15.
- Diaper, Disposable. G. S. King. 2,062,978; Dec. 1.
- Diaper garment. H. M. Hanson. 2,028,602; Jan. 21.
- Diaper, Tubular knitted. L. R. McNair. 2,062,594; Dec. 1.
- Diaphragm and method. G. W. Pierce. 2,063,945; Dec. 15.
- Diaphragm control for photographic apparatus. J. Mihalvi. 2,058,483; Oct. 27.
- Diaphragm, Flexible. E. E. Hewitt. 2,061,905; Nov. 24.
- Diaphragm for electrical reproduction of sound. E. F. Harford. 2,044,608; June 16.
- Diaphragm for electrolytic cells and producing the same, Separative. W. E. Kershaw. 2,043,954; June 9.
- Diaphragm for photographic cameras. O. Risdorfer. 2,032,633; Mar. 3.
- Diaphragm for railway coaches. J. T. Trumbour. 2,042,914; June 2.
- Diaphragm gauge. P. Gaiser. 2,061,761; Nov. 24.
- Diaphragm pump. J. G. C. Mantle. 2,055,154; Sept. 22.
- Diaphragm pump. J. W. Smith. 2,038,089; Apr. 21.
- Diaphragm system and meter utilizing the same, Balanced. R. C. Bradley. 2,044,050; June 16.
- Diaphragm type gauge. F. S. Gruver and E. Aschenbach. 2,056,351; Oct. 6.
- Diaphragm valve. H. A. Mantz. 2,038,748; Apr. 28.
- Diaphragm valve. P. K. Saunders. 2,054,340; Sept. 15.
- Diaphragm valve. P. K. Saunders. 2,056,113; Sept. 29.
- Diaphragms, Manufacture of. T. J. Pennington. 2,033,354; Mar. 10.
- Diaphragms, Manufacture of. T. J. Pennington. 2,037,666; Apr. 14.
- Diaphragms, Method of and apparatus for making corrugated. J. G. C. Mantle. 2,044,711; June 16.
- Diaphragms or the like, Making. J. G. C. Mantle. 2,050,230; Aug. 4.
- Diarylamine derivatives, Manufacture of. M. Wyler, R. W. Kersey, and H. Smith. 2,046,356; July 7.
- Diarylamines, Manufacture of. F. H. Kranz. 2,038,574; Apr. 28.
- Di-(arylamino)-hydroxybenzenes and preparing them, Symmetrical. L. Laska and O. Haller. 2,029,727; Feb. 4.
- Diathermic apparatus for generating short or ultra short waves. K. Bergk and J. Hofmann. 2,043,422; June 9.
- Diazoamino compounds, Water soluble. W. Neelmeier, W. Meiser, O. Goll, and H. Morschel. 2,051,148; Aug. 13.
- Diazo composition. L. H. Flett. 2,062,873; Dec. 1.
- Diazo compounds and preparing them. M. P. Schmidt and R. Zahn. 2,063,631; Dec. 8.
- Diazoimino compounds and their production. M. A. Dahlen, S. R. Detrick, R. E. Etzelmler, and F. Zwilmeyer. 2,058,419; Oct. 27.
- Diazoimino compounds and their production, Water-soluble. H. A. Lubs. 2,065,593; Dec. 29.
- Diazoimino compounds, Water soluble. M. A. Dahlen. 2,031,634; Feb. 25.
- Diazo printing and materials therefor, Accelerated. W. M. Hinman. 2,027,229; Jan. 7.
- Diazo-salts and making same, Stable solid. G. Bonhôte. 2,032,110; Feb. 25.
- Dibenzanthrone-azole and preparing the same. A. J. Wuertz and M. S. Whelen. 2,028,115; Jan. 14.
- Dibenzanthrone compounds, Nitration of. M. H. Fleyscher. 2,052,614; Sept. 1.
- Dibenzanthrones. W. H. Lycan. 2,058,477; Oct. 27.
- Di-calcium phosphate, Manufacture of. H. A. Curtis. 2,043,238; June 9.
- Dicalcium phosphate, Treatment of commercial. F. Visser't Hooft. 2,029,967; Feb. 4.
- Dice box. S. Gessler. 2,060,463; Nov. 10.
- Dicer, Vegetable and fruit. M. D. Livingston. 2,049,125; July 28.
- Dichloro-anthraquinone-acridone and preparing the same. R. F. Thomson, W. Smith, and J. Primrose. 2,043,078; June 2.
- Dichlorodisopropyl ether and making the same. J. N. Wickert. 2,052,264; Aug. 25.
- Dictating machine. M. J. Johnson. 2,057,379; Oct. 13.
- Dictating machine. L. D. Norton. 2,057,621; Oct. 13.
- Dictating machine. J. E. Renholdt. 2,040,781; May 12.
- Die: See—
- Assembling die. Printing and embossing die.
- Bending die. Rubber die.
- Corrugating die. Single cutter die.
- Cutting die. Swaging and alignment die.
- Drawing die. Thread cutting die.
- Macaroni die. Tube expansion extrusion die.
- Metal-extruding die. Wire drawing die.
- Molding die.
- Perforating die.
- Die. A. E. Carliss. 2,028,437; Jan. 21.
- Die. K. Janiszewski. 2,061,403; Nov. 17.
- Die. C. R. Lindholm. 2,038,743; Apr. 28.
- Die. P. Peterson. 2,043,591; June 9.
- Die and die holder. R. L. Greenleaf and W. E. Dougherty. 2,053,823; Sept. 8.
- Die and making the same. C. G. Deubel. 2,049,157; July 28.
- Die and making the same. E. Haumont. 2,056,321; Oct. 6.
- Die and method, Truing. R. A. Mitchell. 2,066,186; Dec. 29.
- Die and producing the same. F. L. Foster. 2,040,172; May 12.
- Die arrangement for use in stranding machines, Roller closing. R. E. Pritchard and I. J. McAlpine. 2,032,308; Feb. 25.
- Die casting machine. G. L. Cherry. 2,028,192; Jan. 21.
- Die casting machine. T. C. Korsmo. 2,033,036; Mar. 3.
- Die casting machine. F. Lannert. 2,060,224; Nov. 10.
- Die castings from metal alloys, in which the material to be pressed is forced from a pressure chamber under a high pressure into a permanent mold, Device for producing. J. Polak. 2,055,944; Sept. 29.
- Die drawing large irregularly shaped sheet metal articles, Apparatus for. E. Hochreiter and F. E. McGary. 2,064,160; Dec. 15.
- Die for driving nails into the heels of shoes. C. Hall, Jr. 2,034,980; Mar. 24.
- Die for marking plans of ornamentation. J. L. Valiquette. 2,057,805; Oct. 20.
- Die for perforating machines, Punching. S. E. Rosenberg. 2,055,911; Sept. 29.
- Die-head, Adjustable. A. F. Breitenstein. 2,046,014; June 30.
- Die holder. C. F. Bruce. 2,063,980; Dec. 15.
- Die mechanism for mounting bushings. F. W. Sample and R. D. Ross. 2,029,341; Feb. 4.
- Die press safety system. C. L. Eksergian. 2,028,768; Jan. 28.
- Die sinking attachment for vertical milling machines, Universal. E. L. Wall. 2,051,430; Aug. 18.
- Die stock. W. A. Phillis. 2,058,909; Oct. 27.
- Die twister. E. C. Gwaltney. 2,053,609; Sept. 8.
- Dies, Engraving. H. L. Pitman. 2,051,102; Aug. 18.
- Dies, Forming. A. E. Carliss. 2,028,438; Jan. 21.
- Dies, Making embossing. W. S. Hough. 2,029,567; Feb. 4.
- Dies, Manufacturing composite. A. Lumsden. 2,042,012; May 26.
- Dielectric material. H. S. Booth. 2,063,979; Dec. 15.
- Dielectric material. A. Meissner. 2,046,467; July 7.
- Dielectric material and method of producing it. L. McCulloch. 2,044,175; June 16.
- Diene resin. C. Ellis. 2,063,542; Dec. 8.
- Diene synthesis, Products of. C. Ellis. 2,063,540; Dec. 8.
- Diesel electric power system. G. M. Pestarini. 2,049,389; July 28.
- Diesel engine. C. G. Curtis. 2,051,436; Aug. 18.
- Differential. De F. A. Lapham. 2,050,344; Aug. 11.
- Differential control apparatus. R. Beck. 2,032,041; Feb. 25.
- Differential control mechanism, Adjustable. L. L. Cunningham. 2,041,050; May 19.
- Differential driving mechanism. H. N. Wales. 2,034,318; Mar. 17.
- Differential for roving frames and the like. W. C. Stewart. 2,038,860; Apr. 28.
- Differential for roving frames, Compound. W. C. Stewart. 2,027,710; Jan. 14.
- Differential froth flotation. F. A. Brinker. 2,052,214; Aug. 25.
- Differential mechanism. A. L. Barnes. 2,053,125; Sept. 1.
- Differential mechanism. C. E. Frederickson. 2,050,304; Aug. 11.
- Differential pressure gauge. R. K. Day. 2,045,701; June 30.
- Differential pressure system for pipe flows. A. L. Collins. 2,057,767; Oct. 20.
- Differential pressure valve. J. H. Wiggins. 2,052,332; Aug. 25.
- Differential treatment of multilayer films. L. D. Mannes and L. Godowsky, Jr. 2,059,887; Nov. 3.
- Diffusion vacuum pump. H. W. Edwards. 2,063,665; Dec. 8.
- Digester. J. Fletcher. 2,064,901; Dec. 22.
- Digesting process and apparatus. T. L. Dunbar. 2,041,597; May 19.
- Digestion, Method and apparatus for continuous. M. P. Weigel. 2,056,993; Oct. 13.
- Digger. M. Mayeda and Y. Okamoto. 2,028,680; Jan. 21.
- Digger attachment. Potato. P. Brun. 2,038,342; Apr. 21.
- Digger, Convertible post hole. R. T. Watson. 2,061,213; Nov. 17.
- Digging apparatus. W. H. H. Frost. 2,038,930; Apr. 28.
- Digging machine for root crops. J. C. Little. 2,042,232; May 26.
- Digitalis preparation. J. Torigian. 2,052,150; Aug. 25.
- Dihydroterpineol and menthone, Preparing. A. Zimmerli. 2,052,736; Sept. 1.
- Dihydroxystilbene-dicarboxylic acid and preparing it. L. Laska and O. Haller. 2,065,900; Dec. 29.
- Dilator, Gravity thermal. W. P. B. Nemzek. 2,026,747; Jan. 7.
- Dilator, Rectal. C. H. Wolff and H. Weder, Sr. 2,040,420; May 12.



- Dimethoxy-dibenzanthrone, Preparing. R. J. Sobatzki and J. C. Kinahan. 2,042,414; May 26.
- Dimethyl and trimethylamines by distillation, Separation of. D. F. Babcock. 2,049,486; Aug. 4.
- Dimmer control, Theater. D. D. Knowles. 2,046,691; July 7.
- Dimming device. H. J. Schwabe. 2,061,172; Nov. 17.
- Dinitriles, Manufacture of *o*- and *peri*-aryl. R. P. Linstead and A. R. Lowe. 2,054,088; Sept. 15.
- Dinitrobenzene isomers, Separation. H. W. Coward. 2,040,123; May 12.
- Diode coupling system. A. Crossley and H. E. Meinema. 2,032,914; Mar. 3.
- Diode detector and amplifier circuit, Combined. D. G. Burnside. 2,045,290; June 23.
- Diphenol isatin, Acetylating. J. W. Orelup. 2,041,856; May 26.
- Diphenyl-alkyl ketones, Mixed. A. W. Ralston and C. W. Christensen. 2,033,541; Mar. 10.
- Diphenyl, Nitration of. J. L. Ballard and R. L. Jenkins. 2,033,370; Mar. 10.
- Diphenyl-sulphur mixtures, Chlorinated. R. L. Jenkins and G. Hardy. 2,034,580; Mar. 17.
- Dipped goods, Manufacture of. V. J. Sprunger. 2,041,788; May 26.
- Dipper, Excavating. L. E. Younie. 2,034,854; Mar. 24.
- Dipper, Ice cream. R. J. Price. 2,063,754; Dec. 8.
- Dipper teeth. M. L. Fykse and M. J. Woodhull. 2,040,085; May 12.
- Dipper tooth, Detachable. J. W. Fellmeth. 2,064,059; Dec. 15.
- Dipping machine. W. T. Green. 2,059,339; Nov. 3.
- Direct current generator, Dynamo-electric. G. M. Pestarini. 2,038,380; Apr. 21.
- Direct-current indicator. C. W. La Pierre. 2,053,154; Sept. 1.
- Direct current system, Electrical. J. E. Alm. 2,029,212; Jan. 28.
- Direct trip device. M. A. Bostwick. 2,027,221; Jan. 7.
- Direction finder. F. J. Hooven. 2,062,906; Dec. 1.
- Direction finder compensator for direct reading of true bearings. H. Scharlau. 2,031,073; Feb. 18.
- Direction finding. A. Leib. 2,043,624; June 9.
- Direction finding antenna system. H. G. Busignies. 2,062,441; Dec. 1.
- Direction indicating device. J. Bell. 2,043,727; June 9.
- Direction indicator. H. L. Eatz. 2,043,158; June 2.
- Direction indicator. L. Hellmer. 2,061,401; Nov. 17.
- Direction indicator. C. B. Puttaswamy. 2,051,892; Aug. 25.
- Direction indicator. A. Schwartz. 2,047,037; July 7.
- Direction indicator. R. S. Stubbs. 2,032,029; Feb. 25.
- Direction indicator for motor vehicles. J. E. Bourque. 2,050,081; Aug. 4.
- Direction indicator for motor vehicles. G. H. Traut. 2,056,115; Sept. 29.
- Direction indicator switch. T. W. Thirlwell. 2,038,456; Apr. 21.
- Direction signal. A. G. Palmer. 2,055,554; Sept. 29.
- Direction signal. J. C. Smith. 2,060,401; Nov. 10.
- Direction, transmission, and reception method and system. G. W. Pierce. 2,063,944; Dec. 15.
- Directional receiver. A. Leib. 2,054,160; Sept. 15.
- Directional receiver. H. O. Peterson. 2,040,952; May 19.
- Directional receiving system. W. H. Offenhauser, Jr. 2,061,737; Nov. 24.
- Directional relay. M. A. Bostwick. 2,053,416; Sept. 8.
- Directional system for landing of aircraft. A. Leib. 2,064,171; Dec. 15.
- Directory. G. J. Chapman. 2,037,705; Apr. 21.
- Dirigible cutting or welding apparatus. J. L. Anderson. 2,053,890; Sept. 8.
- Dirt from agitator operating mechanism, Catching. E. W. Speich. 2,048,146; July 21.
- Dirt indicator for lubricating oil. G. R. Eckstein. 2,040,042; May 5.
- Dirt indicator for lubricating oil. E. A. Piel. 2,043,964; June 9.
- Disappearing feeder. R. A. Wagstaff. 2,037,554; Apr. 14.
- Disazo compounds, Primary. R. Schuloff. 2,050,811; Aug. 11.
- Disazodyestuffs. H. Clingstein, W. Petzold, and L. Hauck. 2,061,551; Nov. 24.
- Disazodyestuffs. H. Clingstein, H. Roos, and C. Heusner. 2,028,439; Jan. 21.
- Disazo-dyestuffs and their manufacture, Mordant. E. Hug and M. Müller. 2,027,777; Jan. 14.
- Discharge apparatus containing gas. W. Dällenbach. 2,065,269; Dec. 22.
- Discharge apparatus, Electric. W. Dällenbach. 2,061,507; Nov. 17.
- Discharge arm for corn binders. A. Kowalsky. 2,034,912; Mar. 24.
- Discharge controlling device for storage batteries. A. J. Block. 2,051,514; Aug. 18.
- Discharge controlling means for discharge lamps. C. H. Braselton. 2,060,552; Nov. 10.
- Discharge device. H. J. Spanner. 2,047,390; July 14.
- Discharge device and control apparatus therefor, Electric. E. D. McArthur. 2,039,101; Apr. 28.
- Discharge device and electrode therefor, Electrical. S. Ruben. 2,048,567; July 21.
- Discharge device and method of manufacture, Electric. E. E. Charlton and D. O. Whelan. 2,054,030; Sept. 8.
- Discharge device control. M. Steenbeck and R. Wedel. 2,036,307; Apr. 7.
- Discharge device control system, Electric. C. Ehrensperger, S. Widmer, A. Gaudenzi, and G. Brunner. 2,037,567; Apr. 14.
- Discharge device, Electric. J. A. V. Fairbrother. 2,042,147; May 26.
- Discharge device, Electric. V. J. Francis and J. W. Ryde. 2,060,564; Nov. 10.
- Discharge device, Electric. M. I. Kahl. 2,049,164; July 28.
- Discharge device, Electric. D. D. Knowles. 2,060,506; Nov. 10.
- Discharge device, Electric. E. D. McArthur. 2,039,100; Apr. 28.
- Discharge device, Electric. G. H. Rockwood, Jr. 2,061,254-5; Nov. 17.
- Discharge device, Electric. W. J. Scott. 2,042,195; May 26.
- Discharge device, Gaseous electric. H. Krefft. 2,042,261; May 26.
- Discharge head for fluid containers. S. E. Allen. 2,059,189; Nov. 3.
- Discharge lamp. C. P. Brockway. 2,056,953; Oct. 13.
- Discharge mechanism for automatic firearms. N. Mancini. 2,042,613; June 2.
- Discharge mechanism for concrete mixers and analogous apparatus. J. C. Merwin and C. F. Ball. 2,045,532; June 23.
- Discharge tube. J. Bruijnes. 2,046,671; July 7.
- Discharge tube. J. Bruijnes, E. Oosterhuis and J. G. W. Mulder. 2,034,793; Mar. 24.
- Discharge tube. A. Claude. 2,030,963; Feb. 18.
- Discharge tube. B. Erber, M. Furcht, and F. Gantner. 2,051,472; Aug. 18.
- Discharge tube. G. Jobst and H. O. Roosenstein. 2,054,423; Sept. 15.
- Discharge tube. E. Oosterhuis, J. G. W. Mulder, and D. M. Duinker. 2,048,887; July 28.
- Discharge tube. H. Rothe. 2,059,810; Nov. 3.
- Discharge tube. H. J. Spanner and E. Germer. 2,053,879; Sept. 8.
- Discharge tube for amplifying electric oscillations. G. Holst and B. D. H. Tellegen. 2,058,878; Oct. 27.
- Discharge tube system, Gas-filled. J. P. Radcliff and P. G. Edwards. 2,039,449; May 5.
- Discharge vessel and making same. P. Selényi. 2,040,571; May 12.
- Discharger for centrifugal separators. J. F. Tholl. 2,036,974; Apr. 7.
- Discharger for pyrotechnic cartridges. S. Wiley. 2,051,927; Aug. 25.
- Discharging machine, Automatic. J. A. Hunter and H. K. Ihrig. 2,061,358; Nov. 17.
- Discharging mechanism for pans or trays. R. F. Macfarlane. 2,037,808; Apr. 21.
- Disconnecting switch. J. S. Thompson and B. E. Menzies. 2,041,877; May 26.
- Disconnecting switch, High tension. R. Wilkins. 2,065,165; Dec. 22.
- Discrete particles and vapors, Method of and apparatus for treating. F. R. Kemmer. 2,032,215; Feb. 25.
- Disguise. W. A. Hall. 2,028,206; Jan. 21.
- Dish, Auxiliary. A. Hale. 2,047,582; July 14.
- Dish, Combination. R. H. Pittman. 2,042,801; June 2.
- Dish, Soap. W. S. Weiant, Jr. 2,044,520; June 16.
- Dish-supporting rack. T. Tafel, Jr. 2,039,362; May 5.
- Dishwasher. S. Olson. 2,038,803; Apr. 28.
- Dishwasher. H. S. Vincent. 2,060,144; Nov. 10.
- Dishwasher, Automatic. R. L. Benson. 2,030,092; Feb. 11.
- Dishwashing apparatus. G. E. Barozzi. 2,029,695; Feb. 4.
- Dishwashing apparatus. F. A. Walker. 2,035,625; Mar. 31.
- Dishwashing device. H. Taylor. 2,054,307; Sept. 15.
- Dishwashing machine. E. L. Blakeslee. 2,031,816; Feb. 25.
- Dishwashing machine. C. Caise. 2,044,524; June 16.
- Dishwashing machine. H. G. Carter. 2,046,311; July 7.
- Dishwashing machine. H. Cave. 2,056,343; Oct. 6.
- Dishwashing machine. H. G. Davis. 2,047,177; July 14.
- Dishwashing machine. J. E. Elkington. 2,029,563; Feb. 4.
- Dishwashing machine. W. B. Forsyth, Jr. 2,062,704; Dec. 1.
- Dishwashing machine. J. A. Panos and S. D. Christie. 2,061,775; Nov. 24.
- Dishwashing machine. E. S. Stoddard. 2,032,156; Feb. 25.
- Dishwashing machine. E. S. Stoddard. 2,044,132; June 16.
- Dishwashing machine. G. Webb. 2,051,233; Aug. 18.
- Dishwashing machine, Rotary type. O. V. Little. 2,054,656; Sept. 15.
- Disher. L. Myers. 2,041,200; May 19.
- Disinfectant, Seed. F. L. Sharp. 2,034,449; Mar. 17.
- Disinfectant, Seed grain. W. Bonrath and E. Urbschat. 2,054,062; Sept. 15.
- Disintegrating and distributing apparatus. F. Y. Chuck. 2,052,082; Aug. 25.
- Disk and roller bit, Combined. C. E. Reed. 2,047,114; July 7.
- Disk and roller bit, Combined. C. E. Reed. 2,058,626; Oct. 27.



- Disk bit. J. H. Howard. 2,047,559; July 14.  
 Disk bit and disk retaining means. J. W. Sperry. 2,055,615; Sept. 29.  
 Disk blanks, Process and apparatus for the manufacture of. G. W. Booth. 2,058,404; Oct. 27.  
 Disk brake. T. C. Delaval-Crow. 2,054,583; Sept. 15.  
 Disk carrying frame for tractor pulled cultivators. R. Boecker. 2,048,055; July 21.  
 Disk clutch. R. Berlinger. 2,037,451; Apr. 14.  
 Disk clutch. H. Wörner. 2,037,610; Apr. 14.  
 Disk differential gear. D. Sensaud de Lavaud. 2,060,558; Nov. 10.  
 Disk filter. W. L. Chewning. 2,029,611; Feb. 4.  
 Disk for agricultural implements. E. R. Hurtig. 2,034,579; Mar. 17.  
 Disk for centrifugal separators. O. H. Shenstone. 2,028,955; Jan. 28.  
 Disk harrow. F. H. Dutra. 2,048,109; July 21.  
 Disk harrow. A. E. W. Johnson and E. Mowry. 2,052,302; Aug. 25.  
 Disk harrow. A. E. Rutter. 2,046,851; July 7.  
 Disk, Hood capping closure. W. L. Wright and L. D. Pierce. 2,036,737; Apr. 7.  
 Disk rolling machine. L. T. Pedigo. 2,054,712; Sept. 15.  
 Disk unit and attachment for road grader moldboards. J. G. Miller and H. C. Buffington. 2,036,598; Apr. 7.  
 Disks of a centrifugal liquid separator, Apparatus for cleaning liner. H. McCormack. 2,062,100; Nov. 24.  
 Dispatch and discharge system, Automatic. E. T. Bennington. 2,039,473; May 5.  
 Dispatching and scheduling system. C. H. Levy, Jr. 2,065,815; Dec. 29.  
 Dispatch tube apparatus, Pneumatic. J. T. Needham and W. J. Mann. 2,034,918; Mar. 24.  
 Dispatching system. H. E. Hershey and A. H. Belliveau. 2,047,631; July 14.  
 Dispenser: See—  
   Beer dispenser. Powder dispenser.  
   Beverage dispenser. Roll paper dispenser.  
   Book match dispenser. Selective oil dispenser.  
   Canned milk dispenser. Soap chip dispenser.  
   Coin controlled dispenser. Soap lather dispenser.  
   Cup dispenser. Soap powder dispenser.  
   Fluid dispenser. Toilet paper dispenser.  
   Gasoline dispenser. Toothpaste dispenser.  
   Liquid dispenser. Toothpick dispenser.  
   Measuring dispenser. Tooth powder dispenser.  
   Napkin dispenser. Tube dispenser.  
   Oil dispenser. Tube products dispenser.  
   Paper dispenser. Water dispenser.  
   Paste dispenser.  
 Dispenser. C. Barbieri. 2,037,751; Apr. 21.  
 Dispenser. W. H. Burke. 2,029,055; Jan. 28.  
 Dispenser. S. Kubo. 2,050,756; Aug. 11.  
 Dispenser. J. P. Kuertz. 2,053,483; Sept. 8.  
 Dispenser. S. K. and W. C. Martin. 2,051,146; Aug. 18.  
 Dispenser. D. G. Puderbaugh. 2,057,311; Oct. 13.  
 Dispenser. P. A. Reutter. 2,045,926; June 30.  
 Dispenser. F. B. Saunders. 2,054,881; Sept. 22.  
 Dispenser. A. Turak. 2,061,052; Nov. 17.  
 Dispenser. E. J. Unger. 2,038,915; Apr. 28.  
 Dispenser. J. L. Wilson. 2,057,991; Oct. 20.  
 Dispenser and making the same. D. D. Kuhke. 2,041,190; May 19.  
 Dispenser and opener for sealed cans. B. Hatchel. 2,049,541; Aug. 4.  
 Dispenser for folded sheets. F. L. Broeren. 2,027,674; Jan. 14.  
 Dispenser for oil cans. E. L. Nall. 2,026,588; Jan. 7.  
 Dispenser for plastic or comminuted material. F. Crossley. 2,056,422; Oct. 6.  
 Dispenser for plastic toilet preparations. J. Huntley. 2,052,296; Aug. 25.  
 Dispenser for powdered dentrifice. C. E. Rickel. 2,062,610; Dec. 1.  
 Dispenser for sheets, Portable. F. L. Broeren. 2,027,672; Jan. 14.  
 Dispenser for toothpaste. O. F. Ritterbusch. 2,064,357; Dec. 15.  
 Dispensing and advertising container. F. A. Marx. 2,027,645; Jan. 14.  
 Dispensing and measuring container. B. Friedman. 2,047,261; July 14.  
 Dispensing and measuring device. L. E. Gray. 2,047,184; July 14.  
 Dispensing and refrigerating apparatus. J. Giordano. 2,038,729; Apr. 28.  
 Dispensing apparatus. C. J. Baldwin. 2,064,719; Dec. 15.  
 Dispensing apparatus. F. S. Barks and A. P. Fox. 2,057,874; Oct. 20.  
 Dispensing apparatus. W. Barnett and A. R. O'Key. 2,030,908; Feb. 18.  
 Dispensing apparatus. J. F. Cook, Jr., and J. B. Moore. 2,059,442; Nov. 3.  
 Dispensing apparatus. C. P. Griffith. 2,062,308; Dec. 1.  
 Dispensing apparatus. W. W. Hudson. 2,061,379; Nov. 17.  
 Dispensing apparatus. G. R. Hutchinson. 2,030,004; Feb. 4.  
 Dispensing apparatus. M. G. Le Page. 2,065,860; Dec. 29.  
 Dispensing apparatus. H. R. Lubin. 2,028,553; Jan. 21.  
 Dispensing apparatus. D. H. Reeves. 2,054,485; Sept. 15.  
 Dispensing apparatus for charged beverages. N. V. D. Brock. 2,030,569; Feb. 11.  
 Dispensing apparatus, Mechanically cooled. H. C. Kellogg. 2,034,300; Mar. 17.  
 Dispensing arrangement. L. V. Aronson. 2,064,584; Dec. 15.  
 Dispensing box, Self contained. E. S. Trangas. 2,036,109; Mar. 31.  
 Dispensing can. R. Booth. 2,051,815; Aug. 25.  
 Dispensing container. F. C. Allen, Jr. 2,063,288; Dec. 8.  
 Dispensing container. F. C. Aramendia. 2,057,812; Oct. 20.  
 Dispensing container. A. W. Arnold. 2,027,760; Jan. 14.  
 Dispensing container. A. W. Arnold. 2,036,739; Apr. 7.  
 Dispensing container. T. Bailey. 2,062,082; Nov. 24.  
 Dispensing container. E. Bourland. 2,029,219; Jan. 28.  
 Dispensing container. E. Bourland. 2,046,934; July 7.  
 Dispensing container. C. W. Elbow. 2,037,771; Apr. 21.  
 Dispensing container. J. S. Forster. 2,030,696; Feb. 11.  
 Dispensing container. S. A. Heifetz. 2,031,886; Feb. 25.  
 Dispensing container. J. Henchert. 2,044,689; June 16.  
 Dispensing container. R. Henderson. 2,056,102; Sept. 29.  
 Dispensing container. R. E. Jacobs. 2,041,185; May 19.  
 Dispensing container. C. A. Johnston. 2,029,660; Feb. 4.  
 Dispensing container. W. F. Punte. 2,053,631; Sept. 8.  
 Dispensing container. C. Schmidt. 2,046,929; July 7.  
 Dispensing container. W. F. Yunte. 2,037,922; Apr. 21.  
 Dispensing container for powdered products. C. A. Howell. 2,048,698; July 28.  
 Dispensing device. A. Asplund. 2,053,809; Sept. 8.  
 Dispensing device. C. S. Beldin. 2,059,079; Oct. 27.  
 Dispensing device. G. Boden. 2,043,651; June 9.  
 Dispensing device. G. Boden. 2,056,560; Oct. 6.  
 Dispensing device. L. H. Burns. 2,052,445; Aug. 25.  
 Dispensing device. H. B. Crawford. 2,031,820; Feb. 25.  
 Dispensing device. H. L. Diener. 2,058,960; Oct. 27.  
 Dispensing device. H. K. Ervin. 2,051,332; Aug. 18.  
 Dispensing device. F. W. Etter. 2,056,096; Sept. 29.  
 Dispensing device. E. R. French. 2,065,181; Dec. 22.  
 Dispensing device. E. J. Hartland. 2,064,111; Dec. 15.  
 Dispensing device. R. C. Hitzler. 2,042,098; May 26.  
 Dispensing device. A. H. Johnson. 2,063,606; Dec. 8.  
 Dispensing device. G. Kaufman and B. Lindner. 2,059,966; Nov. 3.  
 Dispensing device. P. K. Madan. 2,049,851; Aug. 4.  
 Dispensing device. F. J. McMackin. 2,035,713; Mar. 31.  
 Dispensing device. A. S. Moe. 2,059,135; Oct. 27.  
 Dispensing device. C. P. Morris. 2,066,121; Dec. 29.  
 Dispensing device. B. H. T. Mulch. 2,065,390; Dec. 22.  
 Dispensing device. G. S. Ranstead. 2,054,660; Sept. 15.  
 Dispensing device. R. L. Sanderson. 2,057,793; Oct. 20.  
 Dispensing device. F. W. Smith. 2,049,331; July 28.  
 Dispensing device. M. Wittner. 2,060,455; Nov. 10.  
 Dispensing device for a collapsible container. J. W. Frazier. 2,030,579; Feb. 11.  
 Dispensing device for collapsible tubes. F. Poulin. 2,032,305; Feb. 25.  
 Dispensing equipment for liquefied petroleum gas. R. W. Thomas. 2,047,338; July 14.  
 Dispensing machine. D. L. Smith. 2,044,998; June 23.  
 Dispensing machine, Automatic. W. D. Keith. 2,034,517; Mar. 17.  
 Dispensing mechanism. W. R. Zwoyer. 2,037,555; Apr. 14.  
 Dispensing receptacle. J. R. Grove. 2,048,859; July 28.  
 Dispensing receptacle. F. J. Venning and F. J. Yeip. 2,029,747; Feb. 4.  
 Dispensing system. F. F. Davis. 2,056,568; Oct. 6.  
 Dispensing tube. S. C. Waite. 2,028,175; Jan. 21.  
 Dispensing unit. F. J. Gleason and S. W. Burnham. 2,041,703; May 26.  
 Dispensing and emulsifying agents. H. A. Pigott and G. S. J. White. 2,049,512; Aug. 4.  
 Dispersion of a hard resin of the coumarone indene type, Making a. J. A. Kenney. 2,051,410; Aug. 18.  
 Dispersion of nonsaponifiable resin and making same. J. A. Kenney. 2,051,409; Aug. 18.  
 Dispersions, Preparation of. W. W. Heckert. 2,060,210; Nov. 10.  
 Displacement pump. R. R. Wight. 2,030,827; Feb. 11.  
 Display and conditioning stand. J. L. Wood. 2,038,464; Apr. 21.  
 Display and demonstrating sign, Advertising. T. B. Stephenson. 2,033,658; Mar. 10.  
 Display and dispensing device for ribbons and the like. E. F. Welch. 2,032,105; Feb. 25.  
 Display and storage rack. P. J. Fitzgerald. 2,037,891; Apr. 21.  
 Display and toy articles, Constructing certain. P. Wessberg. 2,027,352; Jan. 7.  
 Display apparatus. J. C. Conn. 2,033,908; Mar. 17.  
 Display apparatus. J. C. Conn. 2,042,508; June 2.  
 Display apparatus. H. Derman. 2,036,795; Apr. 7.  
 Display apparatus. R. B. Lustig. 2,030,996; Feb. 18.  
 Display apparatus. H. W. Tucker and W. S. McLeish. 2,050,136; Aug. 4.  
 Display apparatus and optical system. H. White. 2,042,815; June 2.  
 Display apparatus, Illuminated. H. Armstrong, and C. N. Dunton. 2,050,551; Aug. 11.  
 Display apparatus, Illuminated. J. Burgess and H. W. Garbe. 2,029,221; Jan. 28.  
 Display appliance. D. V. Walker. 2,062,802; Dec. 1.  
 Display attachment for gasoline dispensers, Merchandise. G. R. Wells. 2,050,515; Aug. 11.



- Display bag. J. Resnick. 2,055,852; Sept. 29.  
 Display box. A. E. Keppler. 2,035,075; Mar. 24.  
 Display card container. A. H. Galbraith. 2,037,715; Apr. 21.  
 Display card support. J. D. Clarke. 2,029,158; Jan. 28.  
 Display card support. A. Lewis. 2,058,809; Oct. 27.  
 Display case. E. L. Stultz. 2,049,594; Aug. 4.  
 Display case. W. I. Wells. 2,059,922; Nov. 3.  
 Display case, Low temperature. C. C. Thomas and D. G. Ellis. 2,032,234; Feb. 25.  
 Display container. C. A. Sheffer. 2,030,546; Feb. 11.  
 Display container, Knockdown dual. A. J. Weiss. 2,027,079; Jan. 7.  
 Display device. G. H. Andrews. 2,029,603; Feb. 4.  
 Display device. M. T. Ashe. 2,065,039; Dec. 22.  
 Display device. A. J. H. Bickford. 2,035,941; Mar. 31.  
 Display device. D. C. Birdsell and D. M. Bauer. 2,039,770; May 5.  
 Display device. H. O. Brown. 2,065,965; Dec. 29.  
 Display device. C. E. Chase and J. Knoche. 2,041,165; May 19.  
 Display device. S. H. Chazan. 2,029,653; Feb. 4.  
 Display device. C. Christensen. 2,061,393; Nov. 17.  
 Display device. C. Clark. 2,051,467; Aug. 18.  
 Display device. C. V. Clegg. 2,045,897; June 30.  
 Display device. H. H. Davis. 2,065,797; Dec. 29.  
 Display device. R. Fioravanti. 2,031,409; Feb. 18.  
 Display device. E. C. W. and A. G. Geistert. 2,054,698; Sept. 15.  
 Display device. J. A. Goethe. 2,065,689; Dec. 29.  
 Display device. S. J. Graham. 2,031,367; Feb. 18.  
 Display device. J. D. Gray. 2,029,771; Feb. 4.  
 Display device. H. Harrison. 2,052,877; Sept. 1.  
 Display device. B. M. Hedge. 2,046,896; July 7.  
 Display device. F. J. Hines. 2,056,067; Sept. 29.  
 Display device. J. Horwath. 2,047,416; July 14.  
 Display device. C. W. Hosteck. 2,029,719; Feb. 4.  
 Display device. S. Johnson. 2,053,832; Sept. 8.  
 Display device. A. Kaufman. 2,031,416; Feb. 18.  
 Display device. N. J. Leigh. 2,064,434; Dec. 15.  
 Display device. L. Michaelis and J. Lewis. 2,035,273; Mar. 24.  
 Display device. H. F. Mintrup. 2,053,040; Sept. 1.  
 Display device. J. O'Shea, F. N. Ross, and E. M. Crosby. 2,060,341; Nov. 10.  
 Display device. F. H. Rasmussen. 2,055,910; Sept. 29.  
 Display device. A. Rice. 2,028,522; Jan. 21.  
 Display device. C. Roberts. 2,027,789; Jan. 14.  
 Display device. L. W. Rosenthal and J. S. Meyer. 2,026,753; Jan. 7.  
 Display device. W. J. Slagle. 2,034,669; Mar. 17.  
 Display device. Le R. L. Tuthill. 2,050,638; Aug. 11.  
 Display device. C. I. Vellner. 2,054,275; Sept. 15.  
 Display device. G. Willens. 2,057,465; Oct. 13.  
 Display device. J. H. Wise. 2,058,542; Oct. 27.  
 Display device and making the same. W. G. Stephenson. 2,061,294; Nov. 17.  
 Display device and operating means therefor, Rotary. C. C. Gilman. 2,063,599; Dec. 8.  
 Display device, Animated. G. O. Brown. 2,055,857; Sept. 29.  
 Display device, Animated. A. Groth. 2,050,568; Aug. 11.  
 Display device, Animated. J. Whitworth. 2,059,296; Nov. 3.  
 Display device, Changeable. W. I. Smith. 2,045,619; June 30.  
 Display device, Collapsible. O. P. Storch. 2,049,231; July 28.  
 Display device for bottled beverages. C. D. Keith. 2,057,617; Oct. 13.  
 Display device for bottled beverages, Knock-down. R. C. Entwistle. 2,065,435; Dec. 22.  
 Display device for merchandise. C. W. Kress. 2,031,718; Feb. 25.  
 Display figure. N. S. Ellsworth. 2,036,468; Apr. 7.  
 Display figure. G. C. Goodwill. 2,059,338; Nov. 3.  
 Display figure. G. Liwschutz. 2,047,377; July 14.  
 Display fixture. L. F. Chapman. 2,051,679; Aug. 18.  
 Display frame. L. A. Hirsch and M. Mittelhammer. 2,043,752; June 9.  
 Display holder. H. J. Rubenstein. 2,035,670; Mar. 31.  
 Display holder device. C. W. Kress. 2,040,315; May 12.  
 Display mechanism. E. Nanfeldt. 2,051,528; Aug. 18.  
 Display member. W. J. Mailhoit. 2,057,962; Oct. 20.  
 Display package. I. Nutt. 2,037,143; Apr. 14.  
 Display package for bottled goods and the like. C. D. Keith. 2,057,618; Oct. 13.  
 Display rack. R. C. Dunbar. 2,047,097; July 7.  
 Display rack. J. A. Gage. 2,035,874; Mar. 31.  
 Display rack. T. Hill. 2,046,627; July 7.  
 Display rack. N. J. Leigh. 2,051,093; Aug. 18.  
 Display rack. H. W. Tinker. 2,035,105; Mar. 24.  
 Display receptacle, Knock-down. A. J. Weiss. 2,044,035; June 16.  
 Display sign. W. H. Bleeker, Jr. 2,029,908; Feb. 4.  
 Display sign. E. P. Bone. 2,038,409; Apr. 21.  
 Display sign. M. Buehler. 2,032,561; Mar. 3.  
 Display sign. J. N. Klema. 2,036,147; Mar. 31.  
 Display sign. W. H. Scott. 2,048,628; July 21.  
 Display sign. F. Stonebraker, Sr. 2,031,620; Feb. 25.  
 Display spacer. H. H. White. 2,050,143; Aug. 4.  
 Display stand. F. Bern. 2,029,091; Jan. 28.  
 Display stand. B. Blumental. 2,029,407; Feb. 4.  
 Display stand. J. W. D. Cook. 2,051,681; Aug. 18.  
 Display stand. B. L. Cookson. 2,064,056; Dec. 15.  
 Display stand. B. J. Davidson. 2,062,165; Nov. 24.  
 Display stand. E. C. Folsom and F. E. Smyser. 2,041,751; May 26.  
 Display stand. H. E. Lynch. 2,043,483; June 9.  
 Display stand. P. D. McIver. 2,063,393; Dec. 8.  
 Display stand. W. E. Palen. 2,034,115-16; Mar. 17.  
 Display stand. V. V. Pottorff. 2,041,370; May 19.  
 Display stand. H. A. Pyle and W. E. Chambers. 2,035,021; Mar. 24.  
 Display stand. H. T. Reynolds. 2,045,614; June 30.  
 Display stand. F. A. Sunderhauf. 2,059,823; Nov. 3.  
 Display stand. J. V. Vosburgh. 2,049,279; July 28.  
 Displaying and dispensing device for linear articles, Combined. R. L. Drew. 2,038,781; Apr. 28.  
 Displaying apparatus. E. Lefrand. 2,063,687; Dec. 8.  
 Dissolution or lixiviation, Apparatus for effecting. W. H. Allen, E. Underhill, and C. F. Ritchie. 2,042,818; June 2.  
 Distance and depth finding. E. E. Turner, Jr. 2,028,174; Jan. 21.  
 Distance and impression gauge. A. L. Lengel and A. G. H. Andersen. 2,032,584; Mar. 3.  
 Distance finder. B. J. Campbell. 2,032,867; Mar. 3.  
 Distance finding. E. E. Turner, Jr. 2,029,347; Feb. 4.  
 Distillates, Degumming and stabilizing hydrocarbon. D. R. Stevens and C. R. Payne. 2,044,739; June 16.  
 Distillates from heavier oils, Manufacture of highly unsaturated or aromatic. R. T. Haslam. 2,042,306; May 26.  
 Distillates from hydrocarbon oils by action of water under high pressure and temperature, Obtaining valuable. H. O. Forrest, L. F. Marek and A. White. 2,035,120; Mar. 24.  
 Distillates of petroleum, Cracked. R. E. Burk and H. P. Lankelma. 2,053,421; Sept. 8.  
 Distillates, Purification and desulphurization of low boiling. G. H. B. Davis. 2,042,298; May 26.  
 Distillation. L. D. Jones. 2,062,266; Nov. 24.  
 Distillation. C. W. Tucker and F. Dorrill. 2,028,481; Jan. 21.  
 Distillation and extraction, Method and apparatus for. L. M. Dearing. 2,038,546; Apr. 28.  
 Distillation and ligation furnace, Combination. M. F. Perkins. 2,061,250; Nov. 17.  
 Distillation apparatus. R. N. Graham and W. S. Brackett. 2,035,428; Mar. 24.  
 Distillation, Fractional. E. W. Gard. 2,029,528; Feb. 4.  
 Distillation process. M. P. Youker. 2,034,789; Mar. 24.  
 Distributing apparatus. G. H. Hill, Jr. 2,031,262; Feb. 18.  
 Distributing apparatus. H. A. Rice. 2,055,504; Sept. 29.  
 Distributing device for doughnut machines. A. S. T. Lagerd. 2,042,262; May 26.  
 Distributing mechanism. M. Frisch. 2,040,930; May 19.  
 Distributing mechanism of typographical composing and distributing machines. R. H. Scott. 2,057,795; Oct. 20.  
 Distributing system for classifying objects. J. R. Parkhill. 2,033,645; Mar. 10.  
 Distribution of accounts, Device for. F. A. Niemann. 2,033,147; Mar. 10.  
 Distribution system. E. D. Doyle. 2,054,121; Sept. 15.  
 Distribution, System of. E. D. Doyle. 2,054,411; Sept. 15.  
 Distribution system indicator. E. J. Quinby and A. R. Hopkins. 2,058,108; Oct. 20.  
 Distributor. A. A. Guziel and A. Korff. 2,048,860; July 28.  
 Distributor. E. W. Larsen. 2,038,227; Apr. 21.  
 Distributor, Fertilizer. H. B. Siems. 2,063,131; Dec. 8.  
 Distributor for asphalt and like materials. G. M. Etnyre. 2,046,373; July 7.  
 Distributor for sewage treatment systems, Rotary. H. Beddoes. 2,046,865; July 7.  
 Distributor, Liquid. N. B. Lund. 2,029,268; Jan. 28.  
 Distributor member for stokers. E. A. Turner and C. J. Surdy. 2,029,517; Feb. 4.  
 Distributor plate and jet for stokers. W. T. Capps. 2,032,868; Mar. 3.  
 Distributor tester. B. J. Haskins. 2,050,530; Aug. 11.  
 Distributor testing apparatus. G. H. Allen. 2,052,888; Sept. 1.  
 Disulphide, Organic. E. Tschunkur and H. Köhler. 2,064,395; Dec. 15.  
 Disulphides and preparation thereof, Benzothiazyl. J. Teppema. 2,047,923; July 14.  
 Disulphides from mercaptobenzothiazoles, Production of. G. Kallner. 2,031,714; Feb. 25.  
 Disulphides, Preparing organic. H. I. Cramer. 2,043,949; June 9.  
 Disulphides, Production of organic. L. B. Turner. 2,028,303; Jan. 21.  
 Ditch gate. B. McGuire. 2,042,350; May 26.  
 Ditcher. C. L. Wright. 2,033,168; Mar. 10.  
 Ditching and grading machine. C. W. Cundiff. 2,062,210; Nov. 24.  
 Di tetrahydro furfuryl amines and preparation thereof. H. I. Cramer. 2,047,926; July 14.  
 Dithiocarbamates, Preparation of aromatic. P. C. Jones. 2,046,875; July 7.  
 Diversity factor receiving system. P. C. Gardiner. 2,057,613; Oct. 13.  
 Diversity receiver. G. L. Beers. 2,059,081; Oct. 27.  
 Diversity reception system. R. K. Potter. 2,037,865; Apr. 21.



- Diverter valve. C. J. Kohler. 2,043,668; June 9.  
Diverter valve. P. F. Kreuzer and C. F. Schultis. 2,041,002; May 19.  
Diving apparatus. E. C. Dean. 2,027,474; Jan. 14.  
Divisional feeder. D. R. Hillis. 2,027,171; Jan. 7.  
Dobby lever. E. R. Holmes and A. Palmer. 2,054,585; Sept. 15.  
Dock, Transportable. J. E. Kline. 2,044,703; June 16.  
Doctor or smoothing blade for treating coated sheets. R. L. Jenkins and T. S. Foley. 2,033,379; Mar. 10.  
Doffing means for cotton pickers. E. A. Johnston. 2,034,907; Mar. 24.  
Doll. A. Cohen. 2,040,201; May 12.  
Doll. W. C. Rastetter. 2,045,962; June 30.  
Doll. M. Wittmann. 2,037,052; Apr. 14.  
Doll and costume. B. Campbell. 2,028,120; Jan. 14.  
Doll construction. M. De Cesare. 2,028,757; Jan. 28.  
Doll eye and making the same. S. Marcus. 2,051,876; Aug. 25.  
Doll for the manufacture of films. F. Diehl. 2,058,856; Oct. 27.  
Doll head. J. A. Manning. 2,026,990; Jan. 7.  
Doll head and eye set thereof, Flexible. S. Marcus. 2,051,875; Aug. 25.  
Doll head and movable eye mechanism therefor, Soft rubber. L. J. Grubman. 2,050,884; Aug. 11.  
Doll, Paper. E. M. Bishop. 2,050,556; Aug. 11.  
Doll's head. A. Konoff and L. J. Grubman. 2,051,865; Aug. 25.  
Dolls' heads and the like, Molding of. L. J. Grubman. 2,027,164; Jan. 7.  
Dolls' heads and the like, Molding of. L. J. Grubman. 2,027,165; Jan. 7.  
Dolls, Movement for kicking. E. Weiss. 2,030,486; Feb. 11.  
Dolly and jack, Transfer. A. G. Henricks. 2,053,080; Sept. 1.  
Dolomite conversion. E. E. Dougherty. 2,058,141; Oct. 20.  
Dolphin. H. Blum. 2,058,402; Oct. 27.  
Door. L. Allen. 2,064,401; Dec. 15.  
Door. T. W. Bailey. 2,042,246; May 26.  
Door. R. L. McKinney. 2,042,158; May 26.  
Door actuating apparatus. L. H. Gross. 2,037,780; Apr. 21.  
Door, All-metal automobile. F. Accardi. 2,056,440; Oct. 6.  
Door and charging hole cover, Container. J. K. Weniger. 2,039,761; May 5.  
Door and door-frame for ovens, retorts, and the like. A. H. Lyman. 2,038,051; Apr. 21.  
Door and door-way construction. H. I. Morris. 2,062,899; Dec. 1.  
Door and hood locking mechanism for automobiles. A. Pascoo. 2,053,681; Sept. 8.  
Door and operating mechanism, Jail. J. L. Williams. 2,050,987; Aug. 11.  
Door and operating mechanism therefor, Furnace. L. S. Longenecker. 2,045,662; June 30.  
Door and step. W. H. Mussey and R. Cunningham. 2,056,226; Oct. 6.  
Door and stoker structure, Fire. H. E. Lippert. 2,039,325; May 5.  
Door, Articulated overhead. D. M. Robinson. 2,045,101; June 23.  
Door, Automobile. W. L. Morrison. 2,056,202; Oct. 6.  
Door, Balanced. M. Esser. 2,048,601; July 21.  
Doorbell switch. D. Brown. 2,039,581; May 5.  
Door buffers on the doors of motor cars, Arrangement of. C. F. Stachow. 2,035,844; Mar. 31.  
Door, Cabinet. C. Steenstrup. 2,036,781; Apr. 7.  
Door, Car. W. A. Beauchamp. 2,027,574; Jan. 14.  
Door, Car. E. G. Busse. 2,045,291; June 23.  
Door, Car. C. Lute. 2,027,598; Jan. 14.  
Door, Car. C. Lute. 2,028,617; Jan. 21.  
Door, Car. G. Madland. 2,027,242; Jan. 7.  
Door, Car. T. Madland. 2,027,599; Jan. 14.  
Door, Car. T. Madland. 2,041,007; May 19.  
Door, Car. S. Reese. 2,042,731; June 2.  
Door, Car. K. J. Tobin. 2,035,205; Mar. 24.  
Door, Car. K. J. Tobin. 2,055,807; Sept. 29.  
Door, Car. K. J. Tobin. 2,058,742; Oct. 27.  
Door, Car. K. J. Tobin and T. Madland. 2,027,566; Jan. 14.  
Door, Car. C. R. Vegren. 2,041,033; May 19.  
Door check. P. E. Frantz. 2,029,711; Feb. 4.  
Doorcheck. G. W. Gardiner. 2,027,423; Jan. 14.  
Door check. H. C. Hanson. 2,036,474; Apr. 7.  
Doorcheck. M. B. Hemingway. 2,027,170; Jan. 7.  
Door check. L. N. Hoffman. 2,039,079; Apr. 28.  
Door check. R. C. Jacobs. 2,034,905; Mar. 24.  
Door check. R. C. Jacobs. 2,039,961; May 5.  
Door check. E. E. Memmel. 2,042,954; June 2.  
Door check. W. F. Moore. 2,035,824; Mar. 31.  
Door check. E. Rognebakke. 2,050,125; Aug. 4.  
Door check. W. F. Snowdon. 2,063,526; Dec. 8.  
Door check. E. Van Arsdel. 2,044,865; June 23.  
Door check. E. Van Arsdel. 2,064,995; Dec. 22.  
Door check. J. Williams. 2,056,876; Oct. 6.  
Door check and closer. F. C. Garrison. 2,045,076; June 23.  
Door check and closer. E. Morrisette. 2,059,385; Nov. 3.  
Door check, Automobile. R. C. Jacobs. 2,039,960; May 5.  
Door check, Vehicle. F. A. Smith. 2,032,600; Mar. 3.  
Door closer. J. R. Nelson. 2,048,616; July 21.  
Door closer. L. C. Perkins. 2,044,509; June 16.  
Door closer, Automatic safety overhead. J. F. Winn, Jr. 2,059,833; Nov. 3.  
Door closer, Electric. B. T. Sebire. 2,046,431; July 7.  
Door closing device. C. G. Blum. 2,046,892; July 7.  
Door closing device. C. F. Fay. 2,037,411; Apr. 14.  
Door-closing device. A. van Dillen. 2,028,424; Jan. 21.  
Door, Coke oven. P. Van Ackeren. 2,040,887; May 19.  
Door, Collapsible revolving. G. N. Simpson. 2,043,780; June 9.  
Door, Collapsible revolving. B. H. Urich. 2,048,717; July 28.  
Door, Composite. F. A. Johnson. 2,040,259; May 12.  
Door, Composition. R. L. Davison. 2,033,884; Mar. 10.  
Door constituting a removable and changeable refrigerating unit for refrigerating plants. E. Calatroni. 2,028,046; Jan. 14.  
Door construction. M. B. Butler, Jr., and C. B. Conwell. 2,060,608; Nov. 10.  
Door construction. W. W. Eager and C. A. Tierney. 2,037,369; Apr. 14.  
Door construction. V. H. Springford and W. H. Ellis. 2,056,081; Sept. 29.  
Door construction. K. J. Tobin. 2,036,991; Apr. 7.  
Door construction. G. R. Treptow. 2,030,774; Feb. 11.  
Door construction, Oven. T. O'Brien. 2,030,223; Feb. 11.  
Door construction, Overhead. W. D. Redrup. 2,043,490; June 9.  
Door construction, Overhead. A. V. Rowe. 2,032,763; Mar. 3.  
Door construction, Overhead. R. L. Wheatley. 2,045,060; June 23.  
Door construction, Refrigerator. I. Cohen. 2,029,755; Feb. 4.  
Door construction, Refrigerator. A. C. Heise and M. W. Jacobi. 2,052,466; Aug. 25.  
Door construction, Shower. J. A. Woodworth. 2,048,909; July 28.  
Door construction, Stove. A. H. Tinnerman. 2,059,060; Oct. 27.  
Door control, Automobile. E. Grieshaber. 2,044,903; June 23.  
Door control mechanism. J. M. Hunter. 2,032,803; Mar. 3.  
Door, Dovetail. J. J. Seitz and E. K. Williams. 2,054,449-50; Sept. 15.  
Door drill jig. F. H. Harp. 2,033,072; Mar. 3.  
Door fastener. J. C. Gard. 2,030,916; Feb. 18.  
Door fastener. G. P. Wild. 2,043,787; June 9.  
Door fastener, Screen. A. R. Mellor. 2,031,725; Feb. 25.  
Door, Fire. E. Cahill. 2,038,523; Apr. 28.  
Door, Fire alarm box. P. P. Horni. 2,029,373; Feb. 4.  
Door, Fireproof. V. C. Porter. 2,045,367; June 23.  
Door, Flush car. J. E. Lindeman. 2,045,154; June 23.  
Door for closed vehicle bodies, Overhead. C. H. Clark and R. C. Hollister. 2,057,555; Oct. 13.  
Door for metallurgical furnaces. L. S. Longenecker. 2,045,661; June 30.  
Door for refrigerator display cabinets, bins, etc., Disappearing drop. G. E. Friedrich. 2,038,035; Apr. 21.  
Door frame construction. F. M. Venzie. 2,052,121; Aug. 25.  
Door, Garage. F. O. Goodman. 2,041,410; May 19.  
Door, Grain. H. W. Ethall. 2,036,931; Apr. 7.  
Door guide, Antirattler. A. E. Weigele. 2,026,955; Jan. 7.  
Door guiding equipment. D. L. Lindquist. 2,027,920; Jan. 14.  
Door guiding mechanism, Automatic. J. F. Winn, Jr. 2,042,084; May 26.  
Door handle, Automobile. J. Ciak and W. R. Lougheed. 2,034,746; Mar. 24.  
Door handle construction. G. J. Haan, Jr. 2,058,685; Oct. 27.  
Door handle coupling, Adjustable. A. de Vries. 2,059,319; Nov. 3.  
Door hanger. E. A. Zetmeir. 2,039,866; May 5.  
Door hanger structure. J. R. Danley. 2,048,845; July 28.  
Door hinge. R. E. Bartimore. 2,048,725; July 28.  
Door hinge, Automobile. E. B. G. Lefevre. 2,027,833; Jan. 14.  
Door hinge, Concealed. E. B. G. Lefevre. 2,051,726; Aug. 18.  
Door hinge, Concealed. W. C. Wagner. 2,036,513; Apr. 7.  
Door holder. M. Shoolman and S. M. Bergman. 2,058,639; Oct. 27.  
Door holder, Fusible. E. L. Heverly. 2,043,198; June 2.  
Door-holding and door-checking device, Combined. R. I. Schonitzer. 2,043,976; June 9.  
Door, Incinerator hopper. H. E. Nicol. 2,062,793; Dec. 1.  
Doorknob and spindle fastener. W. R. Schlage. 2,062,765; Dec. 1.  
Doorknob, Sanitary. M. Heisig. 2,044,904; June 23.  
Door knocker. J. P. Burke. 2,046,868; July 7.  
Doorlatch. W. A. Gram. 2,030,630; Feb. 11.  
Doorlatch. A. Michauka. 2,044,622; June 16.  
Doorlatch. R. S. Muck and H. C. Muck. 2,046,342; July 7.  
Doorlatch. H. W. Rightmyer. 2,030,719; Feb. 11.  
Door latch. H. W. Rightmyer. 2,058,354; Oct. 20.  
Door latch mechanism. W. C. Devereaux. 2,046,611; July 7.  
Doorlatch mechanism. D. Miller. 2,031,664; Feb. 25.  
Doorlatch, Roller. H. Flacksbarth. 2,047,464; July 14.



- Door, Lift. T. Madland. 2,047,421; July 14.  
 Doorlock. A. E. Avels. 2,030,677; Feb. 11.  
 Door lock. J. A. Kwake. 2,059,369; Nov. 3.  
 Door lock. H. E. Malone. 2,058,163; Oct. 20.  
 Door lock. W. F. Nelsen. 2,062,598; Dec. 1.  
 Doorlock. W. R. Schlage. 2,042,021; May 26.  
 Door lock. W. R. Schlage. 2,062,766; Dec. 1.  
 Door lock. A. Schwarz. 2,055,913; Sept. 29.  
 Doorlock. H. Thomasma. 2,031,344; Feb. 18.  
 Door lock. C. R. Vegren. 2,055,565; Sept. 29.  
 Door lock. L. E. Williams. 2,041,099; May 19.  
 Door lock, Automobile. G. A. Dalziel and H. H. Ableson. 2,043,608; June 9.  
 Doorlock, Mortise. G. B. Petty. 2,032,590; Mar. 3.  
 Door, Locking a. M. Stone. 2,031,552; Feb. 18.  
 Door locking device for demountable bodies. B. F. Fitch. 2,028,771; Jan. 28.  
 Door locking means. J. Toren. 2,065,839; Dec. 29.  
 Door locking means. C. H. Vincent. 2,028,852; Jan. 28.  
 Door locking means, Car. A. Campbell. 2,030,240; Feb. 11.  
 Door locking mechanism. W. Mumbrauer and A. zum Felde. 2,043,550; June 9.  
 Door locking mechanism, Automobile. A. W. Easley. 2,044,066; June 16.  
 Door locking mechanism, Automobile. J. A. Roberts. 2,031,281; Feb. 18.  
 Door locking mechanism for sterilizers and the like. R. B. Roy. 2,033,305; Mar. 10.  
 Door mechanism, Rolling. H. G. Kelly. 2,059,585; Nov. 3.  
 Door Mechanism, Sectional. C. C. Gill, R. O. Julian, J. W. McIlwraith, and C. F. Rutledge. 2,042,175; May 26.  
 Door mechanism, Swinging. E. L. Shaffer. 2,029,200-01; Jan. 28.  
 Door, Metal. M. G. Martin. 2,029,432; Feb. 4.  
 Door, Metallic car. G. Madland. 2,038,052; Apr. 21.  
 Door, Metallic car. G. Madland. 2,041,006; May 19.  
 Door mounting. W. R. Renwick. 2,059,143; Oct. 27.  
 Door opening and closing device. C. E. Allen. 2,026,956; Jan. 7.  
 Door opening apparatus. W. D. Ferris. 2,029,526; Feb. 4.  
 Door opening apparatus, Elevator. H. F. Mason. 2,053,799; Sept. 8.  
 Door opening mechanism. K. J. O'Hara. 2,057,912; Oct. 20.  
 Door operating apparatus. E. G. Parvin. 2,034,415; Mar. 17.  
 Door operating device. W. A. Beauchamp. 2,035,685; Mar. 31.  
 Door operating device. J. A. Platt and F. N. Sneyd. 2,059,904; Nov. 3.  
 Door operating device. T. W. Sharpe. 2,032,724; Mar. 3.  
 Door operating mechanism. B. G. Fleming. 2,029,818; Feb. 4.  
 Door operating mechanism. J. W. Scroggs. 2,029,678; Feb. 4.  
 Door operating mechanism. G. E. Strandt. 2,034,781; Mar. 24.  
 Door operating mechanism. W. F. Weathers. 2,052,911; Sept. 1.  
 Door operating mechanism, Self-locking. H. Erickson. 2,026,876; Jan. 7.  
 Door operator. W. C. Edwards. 2,054,898; Sept. 22.  
 Door operator. J. E. W. Fogal. 2,045,765; June 30.  
 Door operator. E. G. Parvin. 2,031,226; Feb. 18.  
 Door, Overhead. K. G. Asquith. 2,054,735; Sept. 15.  
 Door, Overhead. H. F. Collins. 2,040,080; May 12.  
 Door, Overhead. J. A. Heckman. 2,064,470; Dec. 15.  
 Door, Overhead. C. J. Johnson. 2,032,754; Mar. 3.  
 Door, Overhead. D. M. Robinson. 2,045,100; June 23.  
 Door, Overhead. C. E. White. 2,033,893; Mar. 10.  
 Door, Overhead sliding. P. Naylor. 2,031,847; Feb. 25.  
 Door, Overhead sliding. P. Naylor. 2,037,085; Apr. 14.  
 Door, Pressure tank. R. A. Davis and J. F. Mummert. 2,037,707; Apr. 21.  
 Door, Railway car. G. G. Gilpin. 2,037,072; Apr. 14.  
 Door, Railway car side. G. G. Lynch. 2,039,430; May 5.  
 Door recorder. H. R. Cool. 2,051,986; Aug. 25.  
 Door, Refrigerator. G. C. Bohn. 2,038,634; Apr. 28.  
 Door, Refrigerator. W. F. Dart. 2,051,132; Aug. 18.  
 Door, Refrigerator. C. A. Rehling. 2,031,068; Feb. 18.  
 Door, Refrigerator. M. H. Terry and F. L. Stewart. 2,046,909; July 7.  
 Door, Refrigerator car. W. M. Dwyer. 2,032,354; Mar. 3.  
 Door, Refrigerator car. H. Fuchs. 2,058,860; Oct. 27.  
 Door, Refrigerator car. S. B. Haseltine. 2,031,039-40;  
 Door release mechanism, Electric. H. F. Keil. 2,066,278; Dec. 29.  
 Door, Revolving. S. C. Dreher. 2,029,914; Feb. 4.  
 Door, Revolving. N. Pedersen. 2,053,875; Sept. 8.  
 Door, Revolving. E. Peremi, and C. Kish. 2,050,584; Aug. 11.  
 Door, Revolving. E. Peremi and C. Kish. 2,051,007-8; Aug. 11.  
 Door, Revolving. C. Szelle. 2,064,863; Dec. 22.  
 Door safety mechanism. H. J. Gaisman. 2,065,685; Dec. 29.  
 Door, Sectional garage. M. P. Graham. 2,061,304; Nov. 17.  
 Door service indicator. R. F. Zak. 2,029,209; Jan. 28.  
 Door, Sliding. H. F. Collins. 2,039,296; May 5.  
 Door, Sliding. A. H. Richard. 2,051,421; Aug. 18.  
 Door, Sliding car. W. A. Beauchamp. 2,055,516; Sept. 29.  
 Door speed control, Revolving. T. M. Hagenbook. 2,029,318; Feb. 4.  
 Door speed control, Revolving. T. M. Hagenbook. 2,047,468; July 14.  
 Door, Spring balanced. D. C. Hungerford. 2,030,873; Feb. 18.  
 Door, Steel. C. D. Morton. 2,058,711; Oct. 27.  
 Door stop. A. H. Utley. 2,037,404; Apr. 14.  
 Door, Stove. L. Moore and I. S. Holloway. 2,028,345; Jan. 21.  
 Door structure. W. A. Beauchamp. 2,037,693; Apr. 21.  
 Door structure. W. A. Beauchamp. 2,058,658; Oct. 27.  
 Door structure. C. G. Bryson. 2,039,774; May 5.  
 Door structure. A. Rush. 2,041,372; May 19.  
 Door structure, Car. A. B. Wegener. 2,060,708; Nov. 10.  
 Door support, Adjustable. E. J. Langer. 2,062,320; Dec. 1.  
 Door type slip elevator. F. J. Young, S. W. Long, and J. S. Morgan, Jr. 2,030,087; Feb. 11.  
 Door type slip elevator. F. J. Young, D. W. Walters, and F. Timbs. 2,048,208; July 21.  
 Door ventilator. J. R. Mims. 2,050,362; Aug. 11.  
 Door-window construction, Cutaway. O. F. Graebner. 2,060,862; Nov. 17.  
 Doorless head lamp. C. A. Michel. 2,060,999; Nov. 17.  
 Doors, Apparatus for automatically opening garage. A. C. Blake. 2,038,161; Apr. 21.  
 Doors in closed position, Device for securing. J. I. Byrne. 2,054,191; Sept. 15.  
 Dose measuring device. L. Winters. 2,036,906; Apr. 7.  
 Doser. R. L. Humbard. 2,044,945; June 23.  
 Dosimeter. A. Mutscheller. 2,036,072; Mar. 31.  
 Dosing apparatus. D. J. Evans. 2,049,559; Aug. 4.  
 Double jaw wrench. H. A. Mead. 2,028,406; Jan. 21.  
 Double leader box. W. R. Greggains. 2,050,944; Aug. 11.  
 Double universal joint. J. A. Daniell. 2,042,513; June 2.  
 Double-voltage split-phase motor. W. J. Morrill. 2,036,819; Apr. 7.  
 Double-walled vacuum receptacle. A. E. and A. H. Payson and C. O. Duevel, Jr. 2,057,969; Oct. 20.  
 Doubler. A. R. Weibel. 2,027,713; Jan. 14.  
 Douche. C. W. Cheek. 2,043,882; June 9.  
 Dough divider. L. S. Harber and J. E. Pointon. 2,038,733; Apr. 28.  
 Dough former. C. A. Kirwin. 2,032,420; Mar. 3.  
 Dough forms and product, Making. G. Tanzi. 2,029,684; Feb. 4.  
 Dough kneading and cutting machine. E. L. Muehl. 2,060,236; Nov. 10.  
 Dough machine attachment. H. Baehr. 2,039,277; May 5.  
 Dough, Method of and apparatus for testing. W. L. Heald. 2,038,044; Apr. 21.  
 Dough mixer. W. G. Kirchhoff. 2,064,758; Dec. 15.  
 Dough mixing apparatus. J. C. Gordon. 2,059,730; Nov. 3.  
 Dough strip feed device. H. E. Farmer. 2,049,362; July 28.  
 Dough treating machine. C. E. Quick. 2,035,188; Mar. 24.  
 Dough twisting mechanism. C. J. Kummer. 2,037,905; Apr. 21.  
 Dough working machine. E. T. Parsons. 2,063,750; Dec. 8.  
 Doughnut machine and the like. J. C. Bergner. 2,057,639; Oct. 13.  
 Doughnut machine and the like. C. E. Carpenter. 2,032,468; Mar. 3.  
 Doughnuts, Device for glazing. F. R. Burns. 2,028,435; Jan. 21.  
 Doup heddle loom. W. H. Hall, Jr. 2,043,165; June 2.  
 Dovetail. W. C. Devereaux. 2,046,612; July 7.  
 Dovetail cutting machine. T. H. Miller. 2,036,348; Apr. 7.  
 Dovetail for doors, Antirattle. T. T. Logie and A. Claude-Mantle. 2,056,971; Oct. 13.  
 Draft and buffer gear. R. J. Olander. 2,054,991; Sept. 22.  
 Draft and buffing device. W. M. Sheehan. 2,065,616; Dec. 29.  
 Draft and buffing gear, Combined. H. J. Loundsbury and J. H. Link. 2,043,384; June 9.  
 Draft appliance. J. Kuchar. 2,027,046; Jan. 7.  
 Draft appliance. J. Kuchar. 2,064,615; Dec. 15.  
 Draft appliance, Locomotive. A. Giesel-Gieslingen. 2,055,526; Sept. 29.  
 Draft arm. M. E. Steczynski. 2,056,986; Oct. 13.  
 Draft control. G. F. Pembroke. 2,030,825; Feb. 11.  
 Draft controller. S. M. Green. 2,030,205; Feb. 11.  
 Draft controller. W. L. Morris. 2,061,587; Nov. 24.  
 Draft coupling device for tractors. E. A. Johnston and B. R. Benjamin. 2,052,303; Aug. 25.  
 Draft deflector. H. L. Smith. 2,043,815; June 9.  
 Draft eliminator for windows. T. W. Neumuth. 2,044,916; June 23.  
 Draft equalizer. C. T. K. Woodley. 2,044,271; June 16.  
 Draft equipment. C. O. Brandow. 2,055,997; Sept. 29.  
 Draft gear. A. H. Oelkers. 2,027,418; Jan. 14.  
 Draft gear. E. H. Schmidt. 2,032,441; Mar. 3.  
 Draft hood. L. N. Hunter. 2,031,314; Feb. 18.  
 Draft in funnels, Device for the regulation of the. R. Güllner. 2,056,573; Oct. 6.  
 Draft in furnaces and for purifying flue gases, Apparatus for increasing. F. Garnier. 2,041,826; May 26.  
 Draft key retainer locking means. V. H. Harbert. 2,029,868; Feb. 4.



- Draft mechanism for endless belts, High. F. Casablanco. 2,043,505; June 9.
- Draft preventer. O. Johnson. 2,053,793; Sept. 8.
- Draft regulator and spark arrester for stoves. M. L. Hunker. 2,064,064; Dec. 15.
- Draft regulator for locomotives. O. Huwyler. 2,047,071; July 7.
- Draft regulator, Thermostatically adjusted. L. S. Chadwick, M. Resek, and J. A. Dahlstrom. 2,026,866; Jan. 7.
- Draft rigging. D. S. Barrows. 2,032,340; Feb. 25.
- Draft rigging. D. S. Barrows. 2,039,268-70; Apr. 28.
- Draft rigging. D. S. Barrows. 2,053,939; Sept. 8.
- Draft rigging. D. S. Barrows. 2,055,275; Sept. 22.
- Draft rigging. D. S. Barrows. 2,055,472-3; Sept. 29.
- Draft rigging. D. S. Barrows. 2,059,962; Nov. 3.
- Draft rigging. D. S. Barrows and G. F. Couch. 2,039,266; Apr. 28.
- Draft rigging. G. F. Couch. 2,032,353; Mar. 3.
- Draft rigging. A. E. Heffelfinger. 2,039,247; Apr. 28.
- Draft rigging. B. W. Kadel. 2,063,876; Dec. 8.
- Draft rigging. J. H. Link. 2,043,383; June 9.
- Drafting apparatus. A. B. Fay. 2,042,885; June 2.
- Drafting apparatus. E. Marlo. 2,034,350; Mar. 17.
- Drafting implement, Combination. J. C. Hochman. 2,054,420; Sept. 15.
- Drafting, Device for. N. Niemic. 2,060,686; Nov. 10.
- Drafting instrument. J. K. Bilder. 2,043,729; June 9.
- Drafting instrument. G. H. Parker, Jr. 2,051,741; Aug. 18.
- Drafting machine. V. B. Wallace. 2,051,115; Aug. 18.
- Drag, Collapsible. E. W. Lorenz. 2,055,013; Sept. 22.
- Drag handle mechanism for fishing reels. W. L. Adams. 2,055,448; Sept. 22.
- Dragline excavator. M. L. Fykse. 2,042,460; June 2.
- Dragline fairlead assembly. E. J. Wilson. 2,043,362; June 9.
- Drain. H. Van Der Horst and R. E. Hanson. 2,049,340; July 28.
- Drain and pipe cleaner, Hydraulic and pneumatic. G. M. Gould. 2,052,563; Sept. 1.
- Drainboard. J. C. Nelson. 2,056,616; Oct. 6.
- Drain board structure. E. E. Brey. 2,038,638; Apr. 28.
- Drain cleaner. R. G. Kugelman. 2,042,407; May 26.
- Drain cleaner. E. A. Nagel. 2,059,532; Nov. 3.
- Drain cleaner. R. D. Woodward. 2,027,661; Jan. 14.
- Drain cleaning device. J. W. Harder. 2,039,792; May 5.
- Drain device for reservoirs. J. S. Y. Fralich and S. G. Down. 2,035,061; Mar. 24.
- Drain for automobile windows. J. L. Billman. 2,039,208; Apr. 28.
- Drain for windows. F. J. Westrope. 2,033,750; Mar. 10.
- Drain, Hose coupling. S. M. Meyer. 2,063,616; Dec. 8.
- Drain pipe cleaner. F. E. Tharp. 2,036,614; Apr. 7.
- Drain plug, Flowerpot. F. Higgins. 2,026,679; Jan. 7.
- Drain, Pump. B. R. McBath, Jr. 2,036,713; Apr. 7.
- Drain trap valve. L. Kirschner. 2,049,909; Aug. 4.
- Drain traps, Device for cleaning. O. E. Heisser. 2,059,733; Nov. 3.
- Drain valve device. C. C. Farmer. 2,055,123; Sept. 22.
- Drainage control. H. J. Mastenbrook. 2,062,672; Dec. 1.
- Drainage rack. S. E. Errett and J. L. Reid. 2,051,931; Aug. 25.
- Drainage receptacle. C. N. Mitchell. 2,030,708; Feb. 11.
- Drainer. R. Bentley. 2,059,432; Nov. 3.
- Dramatization screen, Invisible indirect lighting. E. E. H. Nelson. 2,053,732; Sept. 8.
- Drapes, portières, curtains, or the like. D. J. Tucker. 2,059,672; Nov. 3.
- Draping machine. E. H. Clark. 2,030,744; Feb. 11.
- Draughtboard or checkerboard. E. J. Boland. 2,045,339; June 23.
- Drawbar, Farm tractor universal. T. A. Barrentine and C. M. Simmons. 2,036,911; Apr. 7.
- Drawbar for trailers. T. H. Jacob. 2,056,523; Oct. 6.
- Draw works. T. S. Dietle. 2,045,220; June 23.
- Drawworks. D. W. Walters. 2,038,149; Apr. 21.
- Drawer and spacer plate combination. G. C. Brainard. 2,040,595; May 12.
- Drawer, Concealed coin. E. W. Pace. 2,030,712; Feb. 11.
- Drawer construction, Broiler. M. Gregorich. 2,064,601; Dec. 15.
- Drawer construction, Slide. N. A. Gussack. 2,032,054; Feb. 25.
- Drawer control mechanism. C. F. Meilink. 2,034,589; Mar. 17.
- Drawer for filing cabinets. G. C. Brainard. 2,055,170; Sept. 22.
- Drawer stop for cabinets and the like. J. R. Clark. 2,031,251; Feb. 18.
- Drawer support, Extension. E. W. Metcalf. 2,056,407; Oct. 6.
- Drawers. E. Gurney. 2,053,256; Sept. 8.
- Drawing, Apparatus for. C. B. Cushwa. 2,032,917; Mar. 3.
- Drawing board. H. E. Twombly. 2,060,355; Nov. 10.
- Drawing device. R. E. Anderson. 2,044,760; June 23.
- Drawing die. C. C. Richard. 2,060,690; Nov. 10.
- Drawing die. K. Schröder and H. Wolff. 2,058,110; Oct. 20.
- Drawing furnace. LeR. A. Lindberg. 2,029,176; Jan. 28.
- Drawing instrument. P. H. Dixon. 2,039,584; May 5.
- Drawing instrument, Bifurcated. E. Neumayer. 2,041,299; May 19.
- Drawing machine. W. Stahl. 2,052,904; Sept. 1.
- Drawing mechanism for textile rovings. F. Casablanco. 2,045,697; June 30.
- Drawings or other compositions, Producing. M. D. McIntosh. 2,038,516; Apr. 21.
- Dredge. R. O. Couch. 2,029,858; Feb. 4.
- Dredge apparatus, Hydraulic. W. H. Miller. 2,052,481; Aug. 25.
- Dredge bucket pin. C. B. Andrews. 2,036,976; Apr. 7.
- Dredge swinger, Hydraulic. F. Schaefer. 2,061,440; Nov. 17.
- Dredging apparatus. W. R. Ewing. 2,029,815; Feb. 4.
- Dredging apparatus. J. R. Sensibar. 2,031,388; Feb. 18.
- Dress. J. T. Cukor. 2,044,668; June 16.
- Dress display rack. H. G. Humphrey. 2,061,156; Nov. 17.
- Dress, Maternity. A. E. Haister. 2,051,444; Aug. 18.
- Dress protector. R. E. Katz and W. S. Kline. 2,045,359; June 23.
- Dress protector. R. Krantz. 2,052,144; Aug. 25.
- Dressing and polishing agents. L. Kollek, and M. Jahstorfer. 2,045,393; June 23.
- Dressing, Automobile top. E. B. Schroeder. 2,046,793; July 7.
- Dressing, First-aid. G. E. Gales, Jr. 2,054,768; Sept. 15.
- Drier: See—
- Centrifugal clothes drier. Hair drier.
- Centrifugal drier. Hay drier.
- Clothes drier. Hosiery drier.
- Cylinder web drier. Humidity regulated drier.
- Electric drier. Paint drier.
- Fabric drier. Photographic print drier.
- Festoon drier. Printed sheet drier.
- Fishing line drier. Tenter drier.
- Flash drier.
- Drier. O. S. and R. T. Anderson. 2,042,979; June 2.
- Drier. W. Clemens. 2,066,251; Dec. 29.
- Drier. D. Dalin. 2,034,860; Mar. 24.
- Drier. H. F. Hebley and K. Prins. 2,027,977; Jan. 14.
- Drier. W. L. Kauffman, 2d. 2,056,467-8; Oct. 6.
- Drier. W. L. Martin. 2,026,991; Jan. 7.
- Drier. W. Stoner. 2,058,739; Oct. 27.
- Drier. A. J. Vance and R. C. Moore. 2,039,129; Apr. 28.
- Drier. D. B. Vincent. 2,026,922; Jan. 7.
- Drier. H. B. Whitmore. 2,033,215; Mar. 10.
- Drier. L. H. Zeun. 2,033,169; Mar. 10.
- Drier and kiln unit, Combination. R. C. Newhouse. 2,027,059; Jan. 7.
- Drier and stretcher, Stocking. J. P. Blackman. 2,062,777; Dec. 1.
- Drier conveyer. C. T. Walter. 2,043,681; June 9.
- Drier for razors and razor blades. W. M. Larson. 2,059,699; Nov. 3.
- Drier or the like, Multiple service hair. J. E. Kelley. 2,057,033; Oct. 13.
- Dry cell. N. C. Cahoon. 2,060,796; Nov. 17.
- Dry cell. P. Corigliano and L. Platzman. 2,026,615; Jan. 7.
- Dry cell. A. S. Johnson. 2,034,817; Mar. 24.
- Dry cell. O. K. Reinhardt, and J. W. Baer. 2,062,107; Nov. 24.
- Dry cell. R. R. Smith. 2,060,832; Nov. 17.
- Dry cleaning. L. D. Myers. 2,059,475; Nov. 3.
- Dry cleaning or washing apparatus. W. R. MacDonald. 2,037,523; Apr. 14.
- Dry ice container, Vacuum insulated, mercury controlled. C. W. Beger. 2,032,649; Mar. 3.
- Drying and incinerating sewage, garbage, etc. F. B. Schilling. 2,063,630; Dec. 8.
- Drying and mixing mechanism. E. R. Lockridge and L. W. Meyer. 2,030,645; Feb. 11.
- Drying apparatus. G. E. Barozzi. 2,037,559; Apr. 14.
- Drying apparatus. J. F. Dornfeld. 2,049,199; July 28.
- Drying apparatus. A. W. Ferre. 2,055,073; Sept. 22.
- Drying apparatus. W. L. Martin. 2,026,992; Jan. 7.
- Drying apparatus. W. L. Martin. 2,027,603; Jan. 14.
- Drying containers internally, Device for. A. Loacker. 2,049,812; Aug. 4.
- Drying cylinder machine. C. Rosenblad. 2,038,855; Apr. 28.
- Drying device for inked sheets, Automatic. H. M. Kannee. 2,048,870; July 28.
- Drying device for safety razor blades. A. P. Drachman. 2,052,021; Aug. 25.
- Drying machine. C. M. Otis. 2,029,117; Jan. 28.
- Drying machine. C. M. Otis. 2,050,626; Aug. 11.
- Drying machine. C. A. Wardle. 2,038,395; Apr. 21.
- Drying machine, Portable. W. L. Martin. 2,063,896; Dec. 15.
- Drying, Method of and apparatus for. H. Suhr. 2,061,259; Nov. 17.
- Drill: See—
- Bit rock drill. Roller boring drill.
- Core drill. Roller cutting drill.
- Earth boring drill. Rotary drill.
- Grain drill. Submarine drill.
- Pneumatic drill. Wagon drill.
- Pneumatic well drill. Well core drill.
- Portable drill. Well drill.
- Rock drill.
- Drill. W. G. Christian. 2,055,144-5; Sept. 22.
- Drill. W. J. McCallum. 2,042,114; May 26.
- Drill. H. C. Norley. 2,030,530; Feb. 11.
- Drill and boring tool, Combined. E. A. Baumbach. 2,050,413; Aug. 11.
- Drill bit. G. G. Harrington. 2,046,739; July 7.



- Drill bit. G. G. Harrington. 2,056,319; Oct. 6.  
 Drill bit. G. G. Harrington. 2,057,026; Oct. 13.  
 Drill bit. H. L. Kless. 2,030,374; Feb. 11.  
 Drill bit. S. E. Meinert. 2,036,817; Apr. 7.  
 Drill bit. M. E. Reedy. 2,032,328; Feb. 25.  
 Drill bit. R. R. Sanderson. 2,039,494; May 5.  
 Drill bit. F. A. Thaheld. 2,060,354; Nov. 10.  
 Drill bit. C. F. Williams and H. Gruner. 2,058,749; Oct. 27.  
 Drill bit, Separable. J. B. Baker. 2,052,019; Aug. 25.  
 Drill chuck. A. M. Stoner. 2,042,197; May 26.  
 Drill cleaning apparatus. O. E. Schiffner. 2,038,134; Apr. 21.  
 Drill cutter. H. Rogatz. 2,027,700; Jan. 14.  
 Drill feeding mechanism. J. L. Reilly. 2,047,224; July 14.  
 Drill feeding, Mechanism for intermittent and progressive. E. J. Kingsbury. 2,053,399; Sept. 8.  
 Drill-grinding mechanism. C. E. Young. 2,065,847; Dec. 29.  
 Drill head. D. T. Brownlee. 2,049,047; July 28.  
 Drill head, Multispindle. H. W. Ruppel. 2,045,891; June 30.  
 Drill hole deflector. J. D. Brack and H. F. Whiton. 2,061,316; Nov. 17.  
 Drill jig. W. Betz. 2,029,650; Feb. 4.  
 Drill mechanism. R. K. Jeffrey. 2,030,636-7; Feb. 11.  
 Drill pipe float valve. J. A. McKenzie. 2,063,821; Dec. 8.  
 Drill pipe protector. W. L. Skeen. 2,033,592; Mar. 10.  
 Drill press head. H. E. Tautz. 2,041,578; May 19.  
 Drill puller. F. S. Hale. 2,035,156; Mar. 24.  
 Drill rig, Portable. J. C. Curtis. 2,044,878; June 23.  
 Drill shaft and bit adapted to be used with percussive drills. R. A. Bedford. 2,042,088; May 26.  
 Drill steel extractor. J. C. Curtis. 2,044,877; June 23.  
 Drill stem. R. E. Kitching. 2,054,859; Sept. 22.  
 Drill stems, Rotating. J. E. Hauser. 2,058,689; Oct. 27.  
 Drill supporting frame, Rock. J. C. Curtis. 2,028,320; Jan. 21.  
 Drill tube joint. J. B. Graham. 2,034,808; Mar. 24.  
 Drilling apparatus. E. G. Gartin. 2,039,310; May 5.  
 Drilling apparatus. L. W. Greve and J. C. Curtis. 2,044,880; June 23.  
 Drilling apparatus. H. C. Johansen. 2,048,072; July 21.  
 Drilling apparatus. C. L. Walker. 2,035,852; Mar. 31.  
 Drilling apparatus, Rotary. L. R. Schuessler. 2,028,478; Jan. 21.  
 Drilling attachment for metal working machines. G. F. Yager and O. J. Heath. 2,055,888; Sept. 29.  
 Drilling bit, Rotary. W. J. Mitchell. 2,053,801; Sept. 8.  
 Drilling device, Direction changing. J. D. Brack. 2,061,317; Nov. 17.  
 Drilling machine. C. A. Hirschberg. 2,053,612; Sept. 8.  
 Drilling machine. E. J. Hirvonen. 2,049,444; Aug. 4.  
 Drilling machine. E. G. Lewis. 2,060,814; Nov. 17.  
 Drilling machine. A. Parjanen. 2,053,736; Sept. 8.  
 Drilling machine. J. W. Peacock. 2,056,206; Oct. 6.  
 Drilling machine clamp. A. R. Lawrence. 2,036,483; Apr. 7.  
 Drilling machine, Rotary. T. C. Patten. 2,031,731; Feb. 25.  
 Drilling rig, Portable. G. H. Gilman. 2,026,627; Jan. 7.  
 Drilling rig, Portable. C. A. Hirschberg. 2,053,665; Sept. 8.  
 Drilling tackle, Oil well. L. C. Black. 2,052,074; Aug. 25.  
 Drilling tool, Convertible. J. C. Wright. 2,034,075; Mar. 17.  
 Drills, Making twist. G. D. and H. A. Hayden. 2,034,514; Mar. 17.  
 Drink mill. F. W. Flegel. 2,028,595; Jan. 21.  
 Drink mixing and dispensing device. T. M. Costakos. 2,055,067; Sept. 22.  
 Drink mixing apparatus. W. A. Stroud. 2,064,861; Dec. 22.  
 Drink vending machine. T. Brady. 2,029,460; Feb. 4.  
 Drink vending machine, Automatic. T. Brady. 2,037,688; Apr. 14.  
 Drinking attachment for pumps. W. Heckart. 2,044,117; June 16.  
 Drinking cup, Paper. R. L. Allison. 2,045,746; June 30.  
 Drinking fountain. P. S. Martin. 2,031,723; Feb. 25.  
 Drinking tube. A. P. Gildersleeve. 2,063,803; Dec. 8.  
 Drinks, Method and apparatus for serving iced. J. W. Warren and R. H. Cobb. 2,048,041; July 21.  
 Drip protector for bottles. A. A. Scholl. 2,058,915; Oct. 27.  
 Drive and control therefor, Variable speed. P. B. Reeves. 2,043,008; June 2.  
 Drive and washer, Automatic. E. Davis. 2,056,833; Oct. 6.  
 Drive, Belt. E. J. Kingsbury. 2,046,917; July 7.  
 Drive clamp. V. Monroe. 2,051,998; Aug. 25.  
 Drive, Constant speed. H. C. Harrison. 2,047,733; July 14.  
 Drive device. C. F. Rossetter. 2,039,664; May 5.  
 Drive for calculating mechanism, Variable speed. A. Procofeff-Seversky. 2,026,912; Jan. 7.  
 Drive for drill spindles, Multiple hydraulic rotor. L. L. Schauer. 2,056,908; Oct. 6.  
 Drive for indicator elements. W. H. Cooper and C. A. Pinkham. 2,045,263; June 23.  
 Drive for individually sprung wheels. S. W. Thompson. 2,065,767; Dec. 29.  
 Drive for machine tool tables or carriages. F. A. Rouchaud. 2,056,741; Oct. 6.  
 Drive for parcel post machines, Control. G. W. Lawrence. 2,045,543; June 23.  
 Drive, Propeller. D. F. Cashman. 2,062,293; Dec. 1.  
 Drive for reciprocating elements, Motive fluid. C. B. Cottrell, 3d. 2,061,394; Nov. 17.  
 Drive for shaker conveyers. R. Moore. 2,027,284; Jan. 7.  
 Drive for stokers. W. F. Rieger. 2,039,031; Apr. 28.  
 Drive for textile machines, Automatic variable speed. E. Cannity. 2,029,854; Feb. 4.  
 Drive for vehicles, Steering wheel. B. W. Keese. 2,042,404; May 26.  
 Drive gearing for axle generators. W. B. Whitsitt. 2,053,983; Sept. 8.  
 Drive head. F. H. Barney and W. J. Gourley. 2,053,508; Sept. 8.  
 Drive means for forging machines and the like. W. W. Criley. 2,032,836; Mar. 3.  
 Drive mechanism. W. R. Bonham. 2,052,961; Sept. 1.  
 Drive mechanism. J. M. Cunningham. 2,049,690; Aug. 4.  
 Drive mechanism. H. E. Golber. 2,027,818; Jan. 14.  
 Driving mechanism. L. T. Pritchard. 2,062,930; Dec. 1.  
 Drive mechanism for fuel burners. H. J. Keeley. 2,051,559; Aug. 18.  
 Drive mechanism for hot metal mixers and the like. L. E. Allen. 2,057,356; Oct. 13.  
 Drive mechanism for motor vehicles. H. Sarrazin. 2,051,496; Aug. 18.  
 Drive mechanism for shaker conveyers. W. W. Sloane. 2,029,133; Jan. 28.  
 Drive mechanism for shaker conveyers. W. W. Sloane. 2,030,330; Feb. 11.  
 Driving mechanism for washing machines and the like. E. W. Forstrom. 2,064,653; Dec. 15.  
 Drive mechanism, Frictional. E. W. Pace. 2,050,542; Aug. 11.  
 Drive mechanism, Intermittent. J. M. Wall. 2,055,021; Sept. 22.  
 Drive mechanism, Reduction. M. C. Hoxie. 2,030,700; Feb. 11.  
 Driving mechanism, Variable. E. W. Miller. 2,063,262; Dec. 8.  
 Drive, Motorized. R. E. Manley. 2,027,111; Jan. 7.  
 Drive, Power transmission chain. W. H. Bendall. 2,062,115; Nov. 24.  
 Drive, Printing press. J. A. Isbell. 2,053,958; Sept. 8.  
 Drive shaft. J. P. Krejmas. 2,035,554; Mar. 31.  
 Drive shaft, Self-aligning. A. D. McCollum. 2,050,497; Aug. 11.  
 Drive system, Pneumatic. C. Peter. 2,029,634; Feb. 4.  
 Drive transmission unit, Individual. M. T. Voigt. 2,037,644; Apr. 14.  
 Drive transmission unit, Multiple. M. T. Voigt. 2,037,643; Apr. 14.  
 Drive, Two-speed supercharger. R. Chilton. 2,034,087; Mar. 17.  
 Drive, Two-speed turntable. B. R. Carson. 2,051,819; Aug. 25.  
 Drive unit. G. L. Morehead. 2,058,345; Oct. 20.  
 Drive, Variable speed. O. I. Judelson. 2,035,269; Mar. 24.  
 Drive, Variable speed dual. D. F. Warner. 2,059,830; Nov. 3.  
 Drives, Synchronizing, flywheel and gear. C. H. Howland-Shearn. 2,039,845; May 5.  
 Driving and brake mechanism. A. J. Horton. 2,058,589; Oct. 27.  
 Driving arrangement and construction for tandem axles. B. W. Keese. 2,033,246; Mar. 10.  
 Driving connection for lace making machines. H. Mehler. 2,044,732; June 16.  
 Driving control, Automatic. J. Good. 2,041,541; May 19.  
 Driving control means for automobiles. F. H. Jordan. 2,048,452; July 21.  
 Driving device for a machine for casting stereotype plates. K. Schäfer. 2,031,131; Feb. 18.  
 Driving device for textile machines. K. G. Schelbel. 2,059,659; Nov. 3.  
 Driving head for machines, Balanced. F. F. Johnson. 2,027,174; Jan. 7.  
 Driving light, Auxiliary. H. S. Phelps. 2,036,435; Apr. 7.  
 Driving means for adjustable parallel shafts, Electric. H. Nehlsen. 2,055,850; Sept. 29.  
 Driving means in embroidery machines. K. G. Schelbel. 2,034,598; Mar. 17.  
 Driving mechanism. G. E. Gunderson. 2,038,731; Apr. 28.  
 Driving mechanism. C. H. Havill and A. S. Walton. 2,054,377; Sept. 15.  
 Driving mechanism. R. P. Lansing. 2,033,835; Mar. 10.  
 Driving mechanism. F. Linder. 2,029,244; Jan. 28.  
 Driving mechanism. F. Linder. 2,031,783; Feb. 25.  
 Driving mechanism. N. M. Lower. 2,051,870; Aug. 25.  
 Driving mechanism. J. F. McCann and C. E. Johnson. 2,054,023; Sept. 8.  
 Driving mechanism. H. F. Patterson. 2,029,118; Jan. 28.  
 Driving mechanism. J. S. Schumaker and A. G. Schumaker. 2,026,999; Jan. 7.  
 Driving mechanism. B. H. Slocum. 2,051,752; Aug. 18.  
 Driving mechanism. E. W. Stacey. 2,034,062; Mar. 17.  
 Driving mechanism for a washing machine. J. T. Hume. 2,057,896; Oct. 20.  
 Driving mechanism for aircraft parts. M. J. Finnegan. 2,057,517; Oct. 13.



- Driving mechanism for automobiles, Lifting means and sideward. A. A. Thomas. 2,058,530; Oct. 27.
- Driving mechanism for engines, compressors, pumps, and other machines. R. E. Watts. 2,042,083; May 26.
- Driving mechanism for engines, Reversible accessory. H. E. Morehouse. 2,051,568; Aug. 18.
- Driving mechanism for filer, spinning, and doubling frames, with spindles driven by gear wheels. J. J. Keyser. 2,034,581; Mar. 17.
- Driving mechanism for glassware forming machines. A. G. Lauck. 2,061,663; Nov. 24.
- Driving mechanism for laundry machines. W. K. Voss. 2,053,054; Sept. 1.
- Driving mechanism for looms. E. R. Holmes. 2,055,233; Sept. 22.
- Driving mechanism for motion-picture projectors. E. S. Carpenter. 2,049,944; Aug. 4.
- Driving mechanism for propellers. S. K. Hoffman and C. H. Wiegman. 2,027,592; Jan. 14.
- Driving mechanism for rotary machines. H. Lightburn. 2,053,484; Sept. 8.
- Driving mechanism for talking film apparatus. H. Kuppenbender. 2,036,584; Apr. 7.
- Driving mechanism for windshield wipers. O. S. Ruud. 2,057,317; Oct. 13.
- Driving mechanism, Freewheel. J. R. Collyear. 2,044,420; June 16.
- Driving mechanism of the one-way clutch type. H. A. Palmer. 2,042,358; May 26.
- Driving mechanism, Synchronized. J. Zubaty. 2,044,930; June 23.
- Driving mount for centrifugals. F. I. Williams. 2,040,352; May 12.
- Driving wheel. C. H. Mekeel, Jr. 2,061,948; Nov. 24.
- Drop bottom container. F. K. Fildes. 2,036,170; Mar. 31.
- Drop-on connector. C. J. Lemont. 2,054,940; Sept. 22.
- Dropper and discharging device, Combined liquid. P. B. Brown. 2,037,207; Apr. 14.
- Dropper, Cooky. A. F. Larsen. 2,055,868; Sept. 29.
- Dropper for medicines, perfume and other liquids. L. W. Schaafl. 2,058,516; Oct. 27.
- Drought, dust, and weather excluder for doors and windows. N. Wood and D. P. Lockett. 2,059,674; Nov. 3.
- Drugs and the like, Apparatus for extracting. H. Bredin. 2,046,055; June 30.
- Drum, Adjustable tire building. H. C. Bostwick. 2,048,536; July 21.
- Drum apparatus for desiccating liquids and semiliquids, Heated. W. Sasse and E. Schneider. 2,046,489; July 7.
- Drum, Interchangeable grease shipping. M. B. Linton. 2,036,639; Apr. 7.
- Drum, Lined. T. Scudder. 2,065,293; Dec. 22.
- Drum lock. F. W. Meyer. 2,063,394; Dec. 8.
- Drum making machine. J. F. Esch. 2,040,785; May 12.
- Drum, Open head. H. G. Vaughn. 2,031,290; Feb. 18.
- Drum or like devices. H. L. Harrison. 2,032,747; Mar. 3.
- Drum pedal. F. J. La Londe. 2,027,869; Jan. 14.
- Drum, Rotating or oscillating. A. E. Jonsson. 2,046,685; July 7.
- Drum, Uni-tension. C. M. Au-Miller. 2,051,671; Aug. 18.
- Drum, Untensioned. C. M. Au-Miller. 2,061,244; Nov. 17.
- D-trans-II-oxo-camphor from iso-ketopinic acid, Preparing. Y. Asahina and M. Ishidate. 2,045,062; June 23.
- Dual rim wheel. C. L. Eksergian. 2,041,996; May 26.
- Duct. A. Cohn. 2,039,886; May 5.
- Dummy, Football. M. J. Gilman. 2,037,508; Apr. 14.
- Dump hoist. C. Martelock. 2,034,147; Mar. 17.
- Dump plate. C. A. Warg. 2,047,447; July 14.
- Dumper, Car. R. W. Kaltenbach. 2,054,199; Sept. 15.
- Dumper, Car. R. W. Kaltenbach. 2,060,218; Nov. 10.
- Dumper for carrier systems, Automatic. L. C. Smith. 2,035,410; Mar. 24.
- Dumping and draining apparatus. R. E. Kaestner. 2,059,997; Nov. 3.
- Dumping body for automobile trucks. T. G. Jungersen. 2,057,833; Oct. 20.
- Dumping device. A. J. Meyer. 2,065,601; Dec. 29.
- Duplex cigar box. D. H. Woodbery. 2,033,315; Mar. 10.
- Duplex container. W. A. Ringler. 2,046,484-5; July 7.
- Duplex container. W. A. Ringler. 2,047,033; July 7.
- Duplex receptacle. H. Hubbell, Jr. 2,051,856; Aug. 25.
- Duplex steam motor. G. E. Campbell. 2,037,697; Apr. 21.
- Duplicating apparatus. W. Ritzerfeld. 2,034,207-8; Mar. 17.
- Duplicating apparatus. W. Ritzerfeld. 2,064,989; Dec. 22.
- Duplicating attachment for typewriters. T. H. Clarkson-Jones. 2,048,188; July 21.
- Duplicating device attachable to a lathe. T. H. Henkel. 2,057,573; Oct. 13.
- Duplicating machine. J. E. Euth. 2,047,678; July 14.
- Duplicating machine. J. W. Hernlund and H. Jagger. 2,044,984; June 23.
- Duplicating machine. M. Hurst. 2,038,177; Apr. 21.
- Duplicating machine. R. L. Kelly. 2,038,571; Apr. 28.
- Duplicating machine. A. Marchev. 2,033,383; Mar. 10.
- Duplicating machine. A. Marchev. 2,045,020; June 23.
- Duplicating machine. A. Marchev. 2,064,071; Dec. 15.
- Duplicating machine. J. L. Rogers. 2,058,507; Oct. 27.
- Duplicating machine, Hydraulically controlled. C. B. Kain. 2,030,022; Feb. 4.
- Duplicating machine, Rotary. A. Marchev. 2,065,385; Dec. 22.
- Duplicating mechanism. J. W. Hernlund, C. C. McCain, and A. Marchev. 2,051,376; Aug. 18.
- Duplicating mechanism. H. G. Johnstone. 2,062,456; Dec. 1.
- Duplicating sales pad. E. Z. Lewis. 2,043,182; June 2.
- Duplicator. T. Danheiser. 2,053,267; Sept. 8.
- Duplicator. M. R. Germann. 2,062,876; Dec. 1.
- Duplicator. J. W. Hernlund, A. Marchev, and R. F. Morrison. 2,034,903; Mar. 24.
- Duplicator. S. Horii. 2,066,269; Dec. 29.
- Duplicator. R. R. Rockhill. 2,053,581; Sept. 8.
- Duplicator sheets, Manufacturing. L. J. Sauer. 2,038,607; Apr. 28.
- Dust and dirt separator. W. V. Paine. 2,047,594; July 14.
- Dust arrester. P. Gerard. 2,057,568; Oct. 13.
- Dust bounce for mops and the like. G. S. Leiner and C. A. Bernstein. 2,040,659; May 12.
- Dust catcher. F. R. McGee. 2,051,567; Aug. 18.
- Dust cloth. H. D. Merriam. 2,027,112; Jan. 7.
- Dust collecting apparatus. I. Fleming. 2,054,932; Sept. 22.
- Dust collecting system, Track shed. A. B. Osgood. 2,052,646; Sept. 1.
- Dust collector. E. A. Kleissler. 2,057,578; Oct. 13.
- Dust collector. R. C. Newhouse, T. B. Montgomery, and R. F. Feind. 2,047,908; July 14.
- Dust collector. J. F. Reif. 2,039,115; Apr. 28.
- Dust collector. H. van Tongeren. 2,039,692; May 5.
- Dust collector. F. H. Wagner. 2,045,503; June 23.
- Dust collector for mops. M. E. Morgan. 2,037,427; Apr. 14.
- Dust content of blast furnace gases, Apparatus for indicating and recording the. A. Wilhelmi. 2,063,775; Dec. 8.
- Dust cover. C. Borgmann. 2,059,545; Nov. 3.
- Dust deflector. G. S. Kelley. 2,055,768; Sept. 29.
- Dust extraction. B. Norton and J. N. Collins. 2,051,570; Aug. 18.
- Dust from gases, Separation of. A. Larsen. 2,041,553; May 19.
- Dust from grinding instruments, Device for catching. M. F. Sandman. 2,059,039; Oct. 27.
- Dust mop cleaner. C. L. Baker. 2,033,672; Mar. 10.
- Dust remover for drills and the like. P. A. Baumeister and A. D. Saunders. 2,041,689; May 26.
- Dust remover for pickers. H. W. Knowlton. 2,060,507; Nov. 10.
- Dust removing device. F. Ricks and C. T. Jones. 2,028,847; Jan. 28.
- Dust removing means for valve seat grinders or the like. E. A. Hall. 2,042,782; June 2.
- Dust separating apparatus. A. J. Sackett. 2,050,231; Aug. 4.
- Dust separator and heat exchange apparatus. H. H. Barbar. 2,060,169; Nov. 10.
- Dust suction device for cleaning furs, clothing, etc. S. Lanyi. 2,047,787; July 14.
- Dust trap for sintering machine. A. R. Watzke. 2,051,924; Aug. 25.
- Duster, Crop. J. B. Cary. C. G. Allgrunn, and J. E. Hollinger. 2,062,294-5; Dec. 1.
- Duster, Flexible hand. O. T. Schaefer and R. J. Wetcher. 2,048,033; July 21.
- Duster, Rock. A. J. Gurney. 2,053,825; Sept. 8.
- Dwellings, Prefabricated. C. L. Wooldridge. 2,058,543; Oct. 27.
- Dye and its preparation, Azo. F. H. Smith and C. K. Black. 2,027,206; Jan. 7.
- Dye and its production, Monoazo. A. H. Knight. 2,037,909; Apr. 21.
- Dye and its production, Mordant-dyeing monoazo. M. Raack. 2,047,910; July 14.
- Dye baths and printing colors for naphthol dyeing, Making of. H. Bertsch. 2,026,817; Jan. 7.
- Dye compositions and method of making. J. G. Kern. 2,048,745; July 28.
- Dye jig, Oscillating. S. B. Roberts. 2,045,874; June 30.
- Dye Mixture. W. P. Bolen. 2,057,668; Oct. 20.
- Dye powder compositions. W. M. Murch and F. M. Higgins. 2,058,489; Oct. 27.
- Dye preparation. W. Kritchevsky. 2,042,473; June 2.
- Dye preparation. W. Kritchevsky. 2,043,178-9; June 2.
- Dye preparations, Sulphur. W. Hagge. 2,055,746; Sept. 29.
- Dyeing animal fibers with metal complex compounds of organic acid dyestuffs. C. M. Rittinghausen and R. Haynn. 2,040,796; May 12.
- Dyeing apparatus. B. J. Goldsmith. 2,057,428; Oct. 13.
- Dyeing machine. G. E. Drum and W. H. Jaxheimer. 2,041,117; May 19.
- Dyeing machine. W. H. Suttentfield, O. L. York, and V. A. Howard. 2,048,302; July 21.
- Dyeing preparations. A. Landolt. 2,053,616; Sept. 8.
- Dyeings prepared with vat dyestuffs, Stripping. C. Schoeller. 2,042,194; May 26.
- Dyeing process. W. C. Black. 2,052,260; Aug. 11.
- Dyeing process. M. A. Dahlen, S. R. Detrick, R. E. Etzel-miller, and F. Zwilgmeyer. 2,058,418; Oct. 27.
- Dyeing process. J. O. Handy. 2,062,903; Dec. 1.
- Dyeing process. A. Wormald. 2,029,351; Feb. 4.
- Dyes and their preparation, Azo. S. Coffey, M. Lapworth, and W. A. Sexton. 2,041,697; May 26.
- Dyes and their preparation, Azo. S. Coffey and W. A. Sexton. 2,041,698; May 26.



- Dyes and their preparation, Azo. M. A. Dahlen and R. E. Etzelmler. 2,048,844; July 28.
- Dyes and their preparation, Azo. M. A. Dahlen and F. Zwilmeyer. 2,059,852; Nov. 3.
- Dyes and their preparation, Azo. E. F. Hitch, M. A. Dahlen, and M. E. Friedrich. 2,031,651; Feb. 25.
- Dyes and their preparation, Azo. H. Jordan. 2,030,991; Feb. 18.
- Dyes and their preparation, Azo. A. H. Knight. 2,030,214; Feb. 11.
- Dyes and their preparation, Azo. A. H. Knight. 2,044,082; June 16.
- Dyes and their preparation, Monoazo. H. Jordan and M. A. Dahlen. 2,032,093; Feb. 25.
- Dyes and their production, Azo. M. A. Dahlen. 2,030,970; Feb. 18.
- Dyes and their production, Azo. M. Raack and A. Thurm. 2,044,329; June 16.
- Dyes and their production, Azo. W. A. Sexton. 2,052,424; Aug. 25.
- Dyes and their production, Azo. W. A. Sexton. 2,057,063; Oct. 13.
- Dyes and their production, Cupriforous polyazo. W. Lange and U. Dreyer. 2,045,090; June 23.
- Dyes and their production, Metalliferous hydroxyazo. H. Schladebach and H. Hähle. 2,060,381; Nov. 10.
- Dyes and their production, Pyrazolone azo. W. Benade. 2,026,861; Jan. 7.
- Dyes and their production, Water-insoluble azo. M. A. Dahlen and M. E. Friedrich. 2,063,589; Dec. 8.
- Dyes, Blue, red, and brown metallized acid azo. M. L. Crossley and L. M. Shafer. 2,034,390; Mar. 17.
- Dyes containing a pyrazolone nucleus and producing them, Polymethine. E. H. Rodd and G. E. Watts. 2,032,502; Mar. 3.
- Dyes, Developing. D. W. Bissell. 2,047,543; July 14.
- Dyes, Flaked sulphur. W. S. Calcott, H. A. Lubs, and G. Barnhart. 2,037,005; Apr. 14.
- Dyes of the dibenzanthrone series, Vat. A. J. Wuertz. 2,053,308; Sept. 8.
- Dyes, Preparation of carbocyanine. L. G. S. Brooker and F. L. White. 2,058,406; Oct. 27.
- Dyes, Production of sulphur. R. W. Hess. 2,059,579; Nov. 3.
- Dyes, Tri-aryl-methane. F. W. Lynch and H. H. Stocks. 2,055,607; Sept. 29.
- Dyes, Trimethine-cyanine. W. Schneider. 2,060,382; Nov. 10.
- Dyestuff and its production, Disazo. A. Krebsler. 2,032,133; Feb. 25.
- Dyestuff and making same, Sulphonated. H. Siebenbürger. 2,041,871; May 26.
- Dyestuff derived from 3,3'-dibromo-indanthrene and making same, Vat. W. M. Murch. 2,044,993; June 23.
- Dyestuff, Disazo. G. Niemann. 2,031,426; Feb. 18.
- Dyestuff images, Producing photographic. B. Gaspar. 2,042,253; May 26.
- Dyestuff intermediate. N. H. Haddock, F. Lodge, and R. Robinson. 2,026,629; Jan. 7.
- Dyestuff layers, Color-photographic bleach out. B. Gaspar. 2,049,005; July 28.
- Dyestuff, Manufacture of new azo. M. Mendoza. 2,036,159; Mar. 31.
- Dyestuff mixture. J. Mueller. 2,053,041; Sept. 1.
- Dyestuff paste for printing cloth, Leuco vat. C. Krauss and A. Hagenböcker. 2,045,477; June 23.
- Dyestuff preparation. R. Herz and W. Brunner. 2,044,790; June 23.
- Dyestuff preparation, Vat or sulphur. H. Berthold. 2,063,147; Dec. 8.
- Dyestuff preparations and preparing them, Thioindigo. A. Hagenböcker and R. Brune. 2,029,714; Feb. 4.
- Dyestuffs and fiber dyed therewith, Water-insoluble azo. K. Zahn, K. Schimmelschmidt, and H. Koch. 2,061,126; Nov. 17.
- Dyestuffs and intermediates of the dibenzanthrone series, Manufacture of. A. J. Wuertz. 2,028,117; Jan. 14.
- Dyestuffs and making same, Chromiferous. F. Straub, E. Brunner, and W. Widmer. 2,048,898; July 28.
- Dyestuffs and making same, Indigoid. E. Kambl, J. Fröhlich, and E. Stöcklin. 2,038,364; Apr. 21.
- Dyestuffs and making same, Sulphur. P. Schetelig. 2,027,323; Jan. 7.
- Dyestuffs and making same, Sulphurized. A. Catineau and E. Dür. 2,036,186; Apr. 7.
- Dyestuffs and making same, Vat. H. Hauser and M. Bommer. 2,033,708; Mar. 10.
- Dyestuffs and preparing the same, Anthrimide carbazole vat. D. P. Graham. 2,028,103; Jan. 14.
- Dyestuffs and preparing the same, Azo. R. E. Etzelmler. 2,040,473; May 12.
- Dyestuffs and preparing them, Acid triphenylmethane. P. Wolff. 2,032,033; Feb. 25.
- Dyestuffs, and preparing them, Pyridino vat. M. A. Kunz, K. Koeberle, and G. Köchendoerfer. 2,039,809; May 5.
- Dyestuffs and preparing them, Water-soluble basic triphenylmethane. P. Wolff and W. Werner. 2,044,963; June 23.
- Dyestuffs and their application. G. H. Ellis and F. Brown. 2,029,312; Feb. 4.
- Dyestuffs and their manufacture, Ethylene azo. R. Wizinger. 2,029,647; Feb. 4.
- Dyestuffs and their production, Azo. D. Delfs. 2,053,394; Sept. 8.
- Dyestuffs and their production, Azo. B. Elstert, H. Krzikalla, and G. von Rosenberg. 2,059,094; Oct. 27.
- Dyestuffs and their production, Azo. A. H. Knight. 2,049,299; July 28.
- Dyestuffs and their production, Azo. A. H. Knight. 2,057,685; Oct. 20.
- Dyestuffs and their production, Azo. W. Koch and H. Winkler. 2,043,199; June 2.
- Dyestuffs and their production, Azo. H. Krzikalla and B. Elstert. 2,034,303-4; Mar. 17.
- Dyestuffs and their production, Azo. M. A. Kunz, H. Krzikalla, and W. Limbacher. 2,034,305; Mar. 17.
- Dyestuffs and their production, Azo. M. Mendoza. 2,041,851; May 26.
- Dyestuffs and their production, Conversion products of azo. J. Bosshart and F. Dobler. 2,061,545; Nov. 24.
- Dyestuffs and their production, Cupriforous azo. C. Paine. 2,047,647; July 14.
- Dyestuffs and their production, Disazo. A. H. Knight. 2,027,178; Jan. 7.
- Dyestuffs and their production, Monoazo. A. Conzettl. 2,036,122; Mar. 31.
- Dyestuffs and their production, Secondary disazo. A. H. Knight. 2,044,084; June 16.
- Dyestuffs and their production, Water insoluble azo. P. Petitcolas. 2,059,903; Nov. 3.
- Dyestuffs, Anthraquinone. N. H. Haddock, F. Lodge, and C. H. Lumsden. 2,049,648; Aug. 4.
- Dyestuffs, Anthraquinone. N. H. Haddock and F. Lodge. 2,063,246; Dec. 8.
- Dyestuffs, Anthraquinone. F. Lodge and H. A. Piggott. 2,053,343; Sept. 8.
- Dyestuffs, Anthraquinone lactam. S. Ellingworth, N. H. Haddock, F. Lodge, and C. H. Lumsden. 2,036,202; Apr. 7.
- Dyestuffs, Application of. N. Chappell, N. H. Haddock, and F. Lodge. 2,036,196; Apr. 7.
- Dyestuffs, Azo. F. Lange. 2,054,056; Sept. 8.
- Dyestuffs, Azo. H. Reindel and H. Krzikalla. 2,034,247; Mar. 17.
- Dyestuffs, Azo. H. Reindel, H. Krzikalla, and W. Limbacher. 2,034,668; Mar. 17.
- Dyestuffs, Azo. H. Roos. 2,061,104; Nov. 17.
- Dyestuffs, Black sulphur. P. Schick and A. Bansa. 2,032,635; Mar. 3.
- Dyestuffs by the fiber, Retarding the absorption of. C. Graenacher, F. Ackermann, A. Landolt, and W. Geigy. 2,053,321; Sept. 8.
- Dyestuffs containing chromium, Azo. F. Lange. 2,054,057; Sept. 8.
- Dyestuffs derived from aceanthrenequinone and preparing them, Vat. W. Eckert and H. Sieber. 2,046,254; June 30.
- Dyestuffs derived from p-amino-benzaldehyde compounds, Methine. O. Wahl. 2,043,081; June 2.
- Dyestuffs for wool and making same, Dinitroindazol. E. Sann. 2,047,435; July 14.
- Dyestuffs for wool, Dinitroindazol. E. Senn. 2,046,432; July 7.
- Dyestuffs insoluble in water and fiber dyed therewith, Azo. L. Laska and A. Zitscher. 2,047,514; July 14.
- Dyestuffs, Manufacture and application of arylamino anthraquinone. G. H. Ellis and F. Brown. 2,053,275; Sept. 8.
- Dyestuffs, Manufacture and use of. G. H. Ellis and F. Brown. 2,053,277; Sept. 8.
- Dyestuffs, Manufacture of indigoid. E. Kambl and E. Stöcklin. 2,034,622; Mar. 17.
- Dyestuffs, Manufacture of naphthazarine. C. Mettler. 2,066,119; Dec. 29.
- Dyestuffs, Manufacture of triphenyl-methane. P. W. Carleton. 2,044,562; June 16.
- Dyestuffs, Monoazo. R. Fleischhauer. 2,055,074; Sept. 22.
- Dyestuffs, Monoazo. M. Schmid. 2,043,869; June 9.
- Dyestuffs of the anthracene series, Vat. W. Eckert and O. Braunsdorf. 2,028,384; Jan. 21.
- Dyestuffs of the anthraquinone acridone series and making them. A. J. Wuertz and M. S. Wheelen. 2,052,592; Sept. 1.
- Dyestuffs of the anthraquinone-acridone series, Preparation of anthrimide carbazole. H. J. Weiland and W. Dettwyler. 2,036,663; Apr. 7.
- Dyestuffs of the anthraquinone series. P. Nawiasky, B. Stein, and R. Zell. 2,059,476; Nov. 3.
- Dyestuffs of the anthraquinone series. K. Weinand and E. Kalkbrenner. 2,027,658; Jan. 14.
- Dyestuffs of the anthraquinone series, Acid. P. Nawiasky, R. Zell, and W. Kuehne. 2,046,835; July 7.
- Dyestuffs of the anthraquinone series, Acid. K. Zahn and H. Koch. 2,033,316; Mar. 10.
- Dyestuffs of the anthraquinone series and making same, Vat. H. Scheyer and E. Schwamberger. 2,042,683; June 2.
- Dyestuffs of the anthraquinone series and making the same. G. H. Ellis and F. Brown. 2,053,273; Sept. 8.
- Dyestuffs of the anthraquinone series and preparing them, Acid. E. Diefenbach and E. Fischer. 2,029,258; Jan. 28.
- Dyestuffs of the anthraquinone series and the dyestuffs thus obtainable, Preparing acid wool. K. Zahn and H. Koch and K. Weinand. 2,042,757; June 2.
- Dyestuffs of the anthraquinone series, Manufacture of. W. Dettwyler. 2,042,423; May 26.



- Dyestuffs of the anthraquinone series, Producing new. P. Nawlasky and R. Robl. 2,039,023; Apr. 28.
- Dyestuffs of the anthraquinone series, Vat. H. Krzikalla and W. Limbacher. 2,041,550; May 19.
- Dyestuffs of the anthraquinone-2.1 (N) benzacridone series, Vat. W. Bruck. 2,031,406; Feb. 18.
- Dyestuffs of the benzanthranyl-aminoanthraquinone series, Brominated vat. E. Honold and R. Müller. 2,040,380; May 12.
- Dyestuffs of the benzidine series and their production, Insoluble disazo. A. Krebser. 2,036,944; Apr. 7.
- Dyestuffs of the dibenzanthrone series, Producing vat. K. Koeberle, H. Wolff, and E. Krauch. 2,029,237; Jan. 28.
- Dyestuffs of the flavanthrone series. W. Dettwyler. 2,049,896; Aug. 4.
- Dyestuffs of the indigo series, and producing same, Stable reduction products of. E. Muench and R. Wimmer. 2,045,553; June 23.
- Dyestuffs of the N,N-dihydro-1,2,2',1'-anthraquinone azine series and new intermediate products obtainable thereby, Preparing. K. Schirmacher, W. Schaich, A. Wolfram, H. Tampke, K. Billig, and W. Schirmacher. 2,044,404; June 16.
- Dyestuffs of the perylene series, Vat. P. Nawlasky and E. Berthold. 2,054,334; Sept. 15.
- Dyestuffs of the pyrene series and preparing them. H. Vollmann and H. Becker. 2,063,568; Dec. 8.
- Dyestuffs of the pyrenequinone series and making same. W. Kern. 2,065,710; Dec. 29.
- Dyestuffs of the triarylmethane series. O. Wahl, E. Teupel, and K. Schmidt. 2,039,571; May 5.
- Dyestuffs of the triphenylmethane series and related substances, Preparation of. A. A. Morton and J. R. Stevens. 2,029,830; Feb. 4.
- Dyestuffs on textile fibers, Fixation of. L. A. Lantz and A. L. Morrison. 2,033,836; Mar. 10.
- Dyestuffs on the fiber, Producing azo. C. S. Parker, C. L. Wall and F. Farrington. 2,046,425; July 7.
- Dyestuffs, Preparing metalliferous hydroxy-quinoline azo. H. Krzikalla and W. Limbacher. 2,052,833; Sept. 1.
- Dyestuffs, Production and application of new. G. H. Ellis and F. Brown. 2,029,313; Feb. 4.
- Dyestuffs, Production and use of. G. H. Ellis and F. Brown. 2,053,274; Sept. 8.
- Dyestuffs, Production of azo. H. Krzikalla and W. Kuehne. 2,028,981; Jan. 28.
- Dyestuffs, Purification of. L. H. Flett. 2,055,685; Sept. 29.
- Dyestuffs, Pyrazolone azo. G. H. Ellis. 2,047,315; July 14.
- Dyestuffs, Sulphur. W. Zerweck. 2,044,868; June 23.
- Dyestuffs, Triphenylmethane. H. Grotowsky. 2,064,258; Dec. 15.
- Dynamic balancing machine. E. L. Thearle. 2,043,845; June 9.
- Dynamic balancing machine. T. C. Van Degrieff. 2,037,443; Apr. 14.
- Dynamic characteristics, Measuring. E. L. Bowles. 2,031,923-5; Feb. 25.
- Dynamo-electric machine. S. R. Bergman. 2,030,678; Feb. 11.
- Dynamo-electric machine. J. F. Calvert. 2,042,208; May 26.
- Dynamo-electric machine. J. F. Calvert. 2,053,422; Sept. 8.
- Dynamo-electric machine. V. E. Carbonara. 2,045,831; June 30.
- Dynamo-electric machine. F. W. Merrill. 2,059,886.
- Dynamo-electric machine. A. F. Metzger. 2,058,339; Oct. 20.
- Dynamo-electric machine, Commutating type. S. R. Bergman. 2,049,348; July 28.
- Dynamometer. L. T. Folsom. 2,054,076; Sept. 15.
- Dynamometer. E. N. Kemler. 2,045,474; June 23.
- Dynamometer. J. L. Taylor. 2,035,576; Mar. 31.
- Dynamometer, Deflection. E. R. Harrall and R. D. Parrott. 2,043,953; June 9.
- Dynamometer, Mechanical. E. N. Kemler. 2,063,169; Dec. 8.
- Ear plug. L. M. Hoey. 2,053,995; Sept. 8.
- Ear protector. S. M. Burleigh. 2,060,553; Nov. 10.
- Ear protector. R. Dison. 2,051,686; Aug. 18.
- Earring. C. E. Barnes. 2,034,503; Mar. 17.
- Earring. E. C. Elliott and R. Winberg. 2,040,083; May 12.
- Earth boring apparatus. C. E. Reed. 2,047,110-11; July 7.
- Earth boring apparatus. C. E. Reed. 2,047,113; July 7.
- Earth boring drill. E. A. Reed. 2,045,368; June 23.
- Earth boring drill. C. E. Reed. 2,047,112; July 7.
- Earth boring drill. C. E. Reed. 2,058,625; Oct. 27.
- Earth boring drill. C. E. Reed. 2,058,627; Oct. 27.
- Earth boring drill. C. E. Reed. 2,058,629; Oct. 27.
- Earth boring drill, Rotary. C. E. Reed. 2,047,115-16; July 7.
- Earth cores, Apparatus for forming and surveying. J. R. McCurdy. 2,030,015; Feb. 4.
- Earth moving device. E. W. Austin. 2,051,283; Aug. 18.
- Earth moving device. W. D. Barrett and E. R. Greer. 2,059,431; Nov. 3.
- Earth moving device. R. E. Choate and W. E. Rodler. 2,030,352; Feb. 11.
- Earth moving device. R. E. Choate and W. E. Rodler. 2,031,463; Feb. 18.
- Earth producer and making the same, Coated diatomaceous. M. S. Badollet. 2,040,818; May 19.
- Earth product, Diatomaceous. A. F. Echberg. 2,065,126; Dec. 22.
- Earth resistances, Measuring. J. Boyd and B. E. Moritz, Jr. 2,036,193; Apr. 7.
- Earthquake resistant structure. A. C. Ruge. 2,053,226; Sept. 1.
- Earthworking devices, Attachment for. R. J. Bivin and H. M. Houston. 2,048,054; July 21.
- Earthworking tool. T. B. Winsor and G. B. Winsor. 2,061,691; Nov. 24.
- Earthenware, Manufacture of. W. B. Flower. 2,026,624; Jan. 7.
- Easel. A. C. Friedrichs. 2,032,872; Mar. 3.
- Easel. E. B. Morgan and W. M. Hanson. 2,044,589; June 16.
- Easel. J. Tepper. 2,064,232; Dec. 15.
- Easel. H. A. Wright. 2,046,010; June 30.
- Easel and book rack, Reading. D. Rubino. 2,034,835; Mar. 24.
- Easel, Collapsible display. L. A. Berlin. 2,034,371; Mar. 17.
- Easel, Studio. A. C. Huelsdonk. 2,059,525; Nov. 3.
- Easily removable washer. R. Langman. 2,036,152; Mar. 31.
- Eaves trough drain strainers. C. L. Weyand. 2,059,071; Oct. 27.
- Eddy current brake. J. W. Logan, Jr. 2,058,024; Oct. 20.
- Eddy current control for leers. C. S. Riley. 2,037,392; Apr. 14.
- Edge-burnishing machine. G. Boulton. 2,050,264; Aug. 11.
- Edge for hat brims, Reenforced. J. Cavanagh. 2,027,858; Jan. 14.
- Edge for plow shares, Detachable. W. J. Drummond. 2,047,862; July 14.
- Edge gauge mechanism. M. A. Patarsini. 2,053,887; Oct. 20.
- Edge grinding machine. J. P. Crowley. 2,046,060; June 30.
- Edge grinding machine. J. P. Crowley. 2,056,168; Oct. 6.
- Edge grinding machine. T. G. Wright. 2,057,809; Oct. 20.
- Edge-illuminated sign. T. J. D. Fuller, Jr. 2,027,034; Jan. 7.
- Edge runner-like mixing and kneading machine. L. and J. Ehrich. 2,031,149; Feb. 18.
- Edge testing machine. M. Knobel and L. H. Young. 2,065,713; Dec. 29.
- Edge welding. W. F. Newson. 2,038,668; Apr. 28.
- Edger, Lawn. J. Eckley. 2,051,988; Aug. 25.
- Edger, Lawn. C. S. Scott. 2,029,949; Feb. 4.
- Edges of an article of apparel, Adhesively binding the turned in. B. Liebowitz. 2,048,343; July 21.
- Edges of flexible materials, Securing adjacent. S. Jeffrey. 2,047,268; July 14.
- Edging of fabrics or other materials. G. J. Sutton. 2,047,337; July 14.
- Edging, Shelf. E. Karfiol. 2,057,646-7; Oct. 13.
- Edible container. J. Denaro. 2,046,729; July 7.
- Edible material into ice cream and the like, Injecting. H. A. Bendfeldt. 2,032,970; Mar. 3.
- Edible materials, Apparatus for canning. R. Rriend. 2,049,538; Aug. 4.
- Edible product, Apparatus for producing an. D. Farr. 2,057,941; Oct. 20.
- Edibles, Cooking. R. Romney, Jr. 2,036,360; Apr. 7.
- Editing for voice recording. J. H. Hammond, Jr. 2,064,305; Dec. 15.
- Educational and recreational apparatus. H. L. Platt. 2,034,535; Mar. 17.
- Educational apparatus. E. P. Pumar. 2,050,805; Aug. 11.
- Educational device. H. D. Brubaker. 2,065,424; Dec. 22.
- Educational device. J. P. Buckley. 2,060,974; Nov. 17.
- Educational device. G. L. LeFevre. 2,030,175; Feb. 11.
- Educational device. C. G. O'Donnell. 2,053,874; Sept. 8.
- Educational device for teaching the atomic and molecular theory of chemical substances. S. J. French. 2,052,457; Aug. 25.
- Educational test checking device. S. R. Harding. 2,060,308; Nov. 10.
- Educational test checking machine. S. R. Harding. 2,030,207; Feb. 11.
- Educational test device. J. E. Sveda and H. G. Lehmann. 2,048,976; July 28.
- Egg boiling device. M. A. Edgar. 2,039,477; May 5.
- Egg box. C. F. Fuller. 2,030,979; Feb. 18.
- Egg breaker. G. T. Brown. 2,039,678; May 5.
- Egg breaking and separating machine. W. G. Young, M. Hansen, and J. F. Pollon. 2,031,294; Feb. 18.
- Egg candling and stamping device. G. Hatcher. 2,065,694; Dec. 29.
- Egg candling device. J. McHenry. 2,054,294; Sept. 15.
- Egg case, All-metal collapsible. F. B. Elliott and E. I. Pollard. 2,027,683; Jan. 14.
- Egg case carrier. J. R. Martin. 2,049,568; Aug. 4.
- Egg cleaner. N. E. Bridgman. 2,035,042; Mar. 24.
- Egg grading scale. H. C. Haslam. 2,034,946; Mar. 24.
- Egg holder. J. A. Fortes. 2,030,106; Feb. 11.
- Egg holder. J. A. Fortes. 2,040,648-9; May 12.
- Egg material. B. R. Harris and M. C. Reynolds. 2,039,409; May 5.
- Egg package. W. A. Schurmann. 2,047,495; July 14.
- Egg packing machine. F. G. Funk. 2,045,767; June 30.



- Egg product. B. R. Harris and M. C. Reynolds. 2,026,631; Jan. 7.
- Egg product and emulsifier therefor. F. H. Clickner. 2,030,964; Feb. 18.
- Egg separator. G. Gray. 2,035,065; Mar. 24.
- Egg separator. J. K. Mohr. 2,060,683; Nov. 10.
- Egg tester. C. A. Harrison. 2,037,899; Apr. 21.
- Egg treatment process and product. F. Y. Chuck. 2,060,926; Nov. 17.
- Egg white, Alteration of. A. K. Balls and T. L. Swenson. 2,054,213; Sept. 15.
- Egg white, Alteration of. A. K. Balls and T. L. Swenson. 2,062,387; Dec. 1.
- Egg whites, Treating. S. Tranin. 2,056,082; Sept. 29.
- Eggs and like shaped articles, Means for use in the packing of. F. M. Brown. 2,048,776; July 28.
- Eggs, Apparatus for treating. W. L. Lomax. 2,065,384; Dec. 22.
- Eggs, Device for opening. C. T. Kammeyer. 2,032,939; Mar. 3.
- Eggs or the like, Device for storing. J. R. Surmann. 2,028,258; Jan. 21.
- Eggs, Poaching. A. L. Langel. 2,029,535; Feb. 4.
- Eggs, Sterilizing and drying. H. I. Rosner. 2,059,399; Nov. 3.
- Eggs, Treating. O. E. Droege. 2,043,372; June 9.
- Eggs treatment process and product. F. Y. Chuck. 2,038,540; Apr. 28.
- Ejector apparatus. J. W. McNulty. 2,033,843; Mar. 10.
- Ejector guide for automatic machine guns. F. T. Moore. 2,043,485; June 9.
- Ejector mechanism. S. B. Battey. 2,033,174; Mar. 10.
- Elastic article, Extensible. M. M. Harrison. 2,041,760; May 26.
- Elastic body for coating metal and other uses. W. W. Duecker and C. R. Payne. 2,056,836; Oct. 6.
- Elastic clutch. A. Kästner. 2,045,086; June 23.
- Elastic fabric. G. W. Lindley. 2,029,880; Feb. 4.
- Elastic fastening appliance for outboard motors. A. Le-sage. 2,052,636; Sept. 1.
- Elastic material, Crinkled. J. J. Galligan and W. J. Robinson. 2,031,703; Feb. 25.
- Elastic strands for elastic fabrics, Noncreep. S. C. Lilley. 2,031,375; Feb. 18.
- Elastic suspension device for vehicles. G. Brouhiet. 2,059,434; Nov. 3.
- Elastic waves, Method and apparatus for recording. F. Rieber. 2,051,153; Aug. 18.
- Electric accumulator. K. W. J. Hjelmblad. 2,041,834; May 26.
- Electric apparatus. L. Bignon. 2,033,508; Mar. 10.
- Electric appliance. M. W. McArdle. 2,046,200; June 30.
- Electric appliance. L. P. Young. 2,060,918; Nov. 17.
- Electric appliance supporting means. W. H. Fischer. 2,041,327; May 19.
- Electric arc discharge tube. G. Zecher. 2,030,420; Feb. 11.
- Electric arc extinguishing medium. W. S. Edsall. 2,038,507; Apr. 21.
- Electric arc lamp. M. Körting and F. Werner. 2,062,419; Dec. 1.
- Electric arc lamp. H. L. Thomas. 2,040,414; May 12.
- Electric battery. C. J. Gordon. 2,040,255; May 12.
- Electric battery. A. Rudolf. 2,038,060; Apr. 21.
- Electric brake. S. H. White. 2,066,131; Dec. 29.
- Electric cable, Flexible. F. M. Roeterink. 2,059,146; Oct. 27.
- Electric cell, Primary. D. Domizi. 2,051,987; Aug. 25.
- Electric combination lock. E. E. Teubner. 2,059,919; Nov. 3.
- Electric condenser. M. Osnos. 2,054,659; Sept. 15.
- Electric connector. R. A. Meeker. 2,064,440; Dec. 15.
- Electric connector. W. G. Pontis. 2,042,680; June 2.
- Electric connector. H. H. Wermin. 2,028,367; Jan. 21.
- Electric connector plug. F. B. Kingsbury. 2,043,666; June 9.
- Electric contact plug. C. L. Hile. 2,042,398; May 26.
- Electric contacting member. F. R. Hensel. 2,058,874; Oct. 27.
- Electric control. M. L. Dull. 2,030,573; Feb. 11.
- Electric control. M. E. Whitenack. 2,063,137; Dec. 8.
- Electric control apparatus for fuel burners. A. L. Rubel. 2,030,941; Feb. 18.
- Electric control apparatus for fuel burners. A. L. Rubel. 2,064,181; Dec. 15.
- Electric control means. H. T. Seeley. 2,031,509; Feb. 18.
- Electric control system. F. W. Lyle. 2,030,113; Feb. 11.
- Electric control system. F. H. Nicholson. 2,039,827; May 5.
- Electric control system. B. E. O'Hagan. 2,041,368; May 19.
- Electric control system. T. J. Smulski. 2,028,570-1; Jan. 21.
- Electric controller of the variable voltage type. H. F. Porter. 2,031,733; Feb. 25.
- Electric controlling apparatus. F. G. Logan. 2,036,708; Apr. 7.
- Electric controlling apparatus. F. G. Logan. 2,047,915; July 14.
- Electric conversion system. H. A. Rose and D. Silverman. 2,039,034; Apr. 28.
- Electric cord attachment plug. L. J. Clayton. 2,033,973; Mar. 17.
- Electric current interchange system. C. Ehrensperger. 2,056,655; Oct. 6.
- Electric current, Rectifying. F. A. Dahlgren. 2,048,998; July 28.
- Electric current regulator. S. Ruben. 2,033,482; Mar. 10.
- Electric dehydration system. C. H. M. Roberts. 2,033,152; Mar. 10.
- Electric dehydration, System for. J. T. Worthington. 2,033,567; Mar. 10.
- Electric device. W. G. Moran. 2,036,600; Apr. 7.
- Electric discharge apparatus. J. W. Dawson. 2,030,100; Feb. 11.
- Electric discharge apparatus. R. D. Evans. 2,053,426; Sept. 8.
- Electric discharge apparatus. D. D. Knowles. 2,062,270; Nov. 24.
- Electric discharge device. V. O. Allen. 2,054,234; Sept. 15.
- Electric discharge device. T. L. Dimond. 2,039,637; May 5.
- Electric discharge device. V. J. Francis and J. W. Ryde. 2,030,437; Feb. 11.
- Electric discharge device. J. O. Gargan and F. W. Young. 2,046,020; June 30.
- Electric discharge device. C. E. Kenty. 2,027,383; Jan. 14.
- Electric discharge device. P. Lenz. 2,060,678; Nov. 10.
- Electric discharge device. M. Reger and H. Straehler. 2,056,619; Oct. 6.
- Electric discharge device. J. W. Ryde and H. G. Jenkins. 2,030,404; Feb. 11.
- Electric discharge device. C. A. Sabbah. 2,059,037; Oct. 27.
- Electric discharge device. S. P. Sashoff. 2,050,383; Aug. 11.
- Electric discharge device. W. Uyterhoeven, M. J. Druyvesteyn, C. Verburg, and L. Blok. 2,056,629; Oct. 6.
- Electric discharge device, Gaseous. K. Becker. 2,056,152; Oct. 6.
- Electric discharge device, Gaseous. E. G. Dorgelo. 2,030,433-4; Feb. 11.
- Electric discharge device, Gaseous. E. G. Dorgelo and C. Bol. 2,056,648; Oct. 6.
- Electric discharge device, Gaseous. H. Ewest and G. Gaidies. 2,042,172; May 26.
- Electric discharge device, Gaseous. G. Gaidies. 2,046,941; July 7.
- Electric discharge device, Gaseous. C. E. Kenty. 2,030,376; Feb. 11.
- Electric discharge device, Gaseous. M. Pirani and K. Becker. 2,056,907; Oct. 6.
- Electric discharge device, Gaseous. P. Schouwstra. 2,042,162; May 26.
- Electric discharge device, Gaseous. W. Uyterhoeven, C. Verburg, and E. G. Dorgelo. 2,030,414; Feb. 11.
- Electric discharge device, Gaseous. K. Wiegand. 2,030,806; Feb. 11.
- Electric discharge device, Gaseous. K. Wiegand. 2,042,136; May 26.
- Electric discharge device, Gaseous. K. Wiegand. 2,056,635; Oct. 6.
- Electric discharge device, Gaseous. G. Zecher. 2,056,642; Oct. 6.
- Electric discharge device or vacuum tube. E. Wiegand. 2,029,144; Jan. 28.
- Electric discharge device, Self starting gaseous. T. E. Foulke. 2,056,660; Oct. 6.
- Electric discharge device, Self starting gaseous. J. A. St. Louis. 2,056,628; Oct. 6.
- Electric discharge devices, Apparatus for controlled. C. E. Kenty. 2,027,384; Jan. 14.
- Electric discharge lamp. L. Burns. 2,061,892; Nov. 24.
- Electric discharge lamp. E. Oosterhuis and G. Zecher. 2,039,978; May 5.
- Electric discharge lamp device, Gaseous. E. G. Dorgelo. 2,056,649; Oct. 6.
- Electric discharge lamp device, Gaseous. W. Uyterhoeven, J. Bruijnes, and C. Verburg. 2,056,630; Oct. 6.
- Electric discharge lamp device, Gaseous. W. Uyterhoeven and J. Bergmans. 2,056,631; Oct. 6.
- Electric discharge lamp, Gaseous. G. Gaidies and M. Reger. 2,042,148; May 26.
- Electric discharge lamp, Gaseous. A. Rüttenauer. 2,030,402; Feb. 11.
- Electric discharge lamp, Gaseous. A. Rüttenauer and O. Fritze. 2,030,403; Feb. 11.
- Electric discharge lamp, Gaseous. K. Wiegand. 2,030,805; Feb. 11.
- Electric discharge lamp, Gaseous. W. J. Winninghoff. 2,042,244; May 26.
- Electric discharge modulating system. F. B. Stone. 2,050,474; Aug. 11.
- Electric discharge tube. O. H. Biggs. 2,064,369; Dec. 15.
- Electric discharge tube. J. H. O. Harries. 2,038,360; Apr. 21.
- Electric discharge tube. G. L. Hertz. 2,030,521; Feb. 11.
- Electric discharge tube. J. L. H. Jonker. 2,044,613; June 16.
- Electric discharge tube. J. G. W. Mulder and G. Holst. 2,052,103; Aug. 25.
- Electric discharge tube. G. Zecher. 2,056,641; Oct. 6.
- Electric discharge tube, Gas-filled. F. M. Penning. 2,044,591; June 16.
- Electric discharge tubular lamp, Gaseous. K. Wiegand. 2,056,634; Oct. 6.



- Electric distribution, System of. W. J. McLachlan. 2,059,885; Nov. 3.
- Electric drier, Portable. A. C. McCord and G. L. Tinkham. 2,027,605; Jan. 14.
- Electric fan. J. M. Tauber. 2,060,699; Nov. 10.
- Electric fitting. P. D. Hartmann. 2,029,716; Feb. 4.
- Electric fixture. F. J. Hines. 2,060,990; Nov. 17.
- Electric fixture. A. E. Wiedenhoft. 2,052,433; Aug. 25.
- Electric flame producing device. P. S. Rao. 2,065,023; Dec. 22.
- Electric flare signal. W. E. Signor. 2,035,841; Mar. 31.
- Electric fluting machine. R. O. and L. A. Clark. 2,064,732; Dec. 15.
- Electric food mixer. A. F. Dormeyer. 2,048,183; July 21.
- Electric furnace. A. W. Fannin. 2,035,306; Mar. 24.
- Electric furnace. W. E. Moore. 2,046,085; June 30.
- Electric furnace. A. E. Rhoads. 2,061,090; Nov. 17.
- Electric furnace. P. Richalet. 2,041,486; May 19.
- Electric furnace. H. E. Stauss and J. Ogden. 2,063,274; Dec. 8.
- Electric furnace. D. L. Summey. 2,060,136; Nov. 10.
- Electric furnace, Rotating. P. Rosenfeldt. 2,061,741; Nov. 24.
- Electric gauge. R. Cowan. 2,028,501; Jan. 21.
- Electric generating system. D. S. Cole. 2,040,468; May 12.
- Electric generating system. D. S. Cole and L. S. Speth. 2,040,469; May 12.
- Electric generating system. L. S. Speth. 2,040,448; May 12.
- Electric generating system and apparatus. D. S. Cole and L. S. Speth. 2,040,470; May 12.
- Electric generator. C. M. Roach. 2,027,402; Jan. 14.
- Electric generator, Wind propeller. F. C. Plucker. 2,058,500; Oct. 27.
- Electric guide lamp. L. Ludwig. 2,050,438; Aug. 11.
- Electric hand lamp. O. Janzen. 2,035,812; Mar. 31.
- Electric hand lamp. J. Krös. 2,034,913; Mar. 24.
- Electric hand tool. R. Schumann. 2,031,133; Feb. 18.
- Electric heater. C. C. Abbott. 2,053,933; Sept. 8.
- Electric heater. P. A. Clapp. 2,060,039; Nov. 10.
- Electric heater. F. E. Finlayson. 2,043,195-6; June 2.
- Electric heater. A. Hermann. 2,028,604; Jan. 21.
- Electric heater. R. F. James. 2,030,820; Feb. 11.
- Electric heater. W. A. Merklein. 2,042,855; June 2.
- Electric heater. J. C. Sharp. 2,034,539; Mar. 17.
- Electric heater. C. E. Turpin and R. Jetter. 2,051,759; Aug. 18.
- Electric heater. W. O. Twombly. 2,049,387; July 28.
- Electric heating attachment for hot water bags and the like. W. Doyon. 2,064,248; Dec. 15.
- Electric heating circuit control. C. L. Gouglinour. 2,065,451; Dec. 22.
- Electric heating device and making same. B. O. and H. L. Beck, and C. H. Gunthorp. 2,060,968; Nov. 17.
- Electric heating installation. W. von Sauer. 2,046,008; June 30.
- Electric heating pad. R. C. Hilton. 2,064,001; Dec. 15.
- Electric heating pad. C. E. McDonald. 2,032,294; Feb. 25.
- Electric heating system. J. E. Gannon. 2,064,654; Dec. 15.
- Electric ignition plug. H. J. Linse. 2,060,680; Nov. 10.
- Electric immersion heater. T. Stiebel. 2,060,644; Nov. 10.
- Electric incandescent lamp. J. Bergmans. 2,045,512; June 23.
- Electric incandescent lamp. A. E. Noble. 2,064,490; Dec. 15.
- Electric incandescent lamp. H. F. Russell. 2,042,126; May 26.
- Electric incandescent lamp. C. Trope. 2,049,338; July 28.
- Electric indicating system. O. W. Livingston. 2,057,531; Oct. 13.
- Electric indicator for comparing field intensities. E. Kramar. 2,044,852; June 23.
- Electric insect trap. A. F. Keller. 2,038,495; Apr. 21.
- Electric interrupter and switch, Retarded. A. and A. Giordani. 2,057,427; Oct. 13.
- Electric iron stand. S. A. Duvall. 2,043,508; June 9.
- Electric lamp. E. Brody and T. Millner. 2,060,657; Nov. 10.
- Electric lamp. P. O. Cartun. 2,048,491; July 21.
- Electric lamp. L. J. Davies, C. Gilson, and W. J. Scott. 2,030,430; Feb. 11.
- Electric lamp. B. Erber. 2,030,695; Feb. 11.
- Electric lamp. A. A. Thomas. 2,042,199; May 26.
- Electric lamp, Adjustable duplex. A. Marchand. 2,041,847; May 26.
- Electric lamp, Changeable color. J. H. Fink and M. Horowitz. 2,066,145; Dec. 29.
- Electric lamp, Portable. R. L. Darling and R. R. Rundell. 2,049,762; Aug. 4.
- Electric lamp, Portable. B. R. Tykal. 2,034,255; Mar. 17.
- Electric light. C. W. Dake. 2,040,243; May 12.
- Electric light. O. T. McIlvaine. 2,060,584; Nov. 10.
- Electric light device, Changeable. C. Bowers. 2,041,589; May 19.
- Electric light source. G. Sperti. 2,046,096; June 30.
- Electric liquid heater. W. Rieder. 2,044,634; June 16.
- Electric machine, Dynamo. P. L. Alger. 2,046,992; July 7.
- Electric machine, Dynamo. J. H. Blankenbuehler. 2,057,471; Oct. 13.
- Electric machine, Dynamo. L. F. Keely. 2,055,931; Sept. 29.
- Electric machine, Dynamo. J. F. Martin and L. P. Kongsted. 2,057,241; Oct. 13.
- Electric machine, Dynamo. J. Wolkoff. 2,064,583; Dec. 15.
- Electric machine, Dynamo. A. P. Wood. 2,027,136; Jan. 7.
- Electric machines, Cooling of. P. Ehrmann. 2,043,655; June 9.
- Electric meter. E. L. Bowles. 2,029,355; Feb. 4.
- Electric meter. E. L. Bowles. 2,031,926; Feb. 25.
- Electric meter. A. L. Emens. 2,051,293; Aug. 18.
- Electric meter. S. S. Green and F. Holmes. 2,055,687; Sept. 29.
- Electric meter. F. Holmes. 2,046,307; June 30.
- Electric meter, Recording. L. A. Paine. 2,048,618; July 21.
- Electric motor. W. F. Bisley. 2,048,096; July 21.
- Electric motor. V. E. Carlson. 2,045,293; June 23.
- Electric motor. C. Desoutter. 2,045,218-19; June 23.
- Electric motor. H. D. Else. 2,053,425; Sept. 8.
- Electric motor. J. F. Gelnaw. 2,056,719; Oct. 6.
- Electric motor. J. J. Gough. 2,040,371; May 12.
- Electric motor. A. W. Haydon. 2,049,261; July 28.
- Electric motor. H. F. Jefferson. 2,027,867; Jan. 14.
- Electric motor. F. J. Lyden. 2,034,950; Mar. 24.
- Electric motor. J. Mannix. 2,026,642; Jan. 7.
- Electric motor. W. J. O'Leary. 2,047,487; July 14.
- Electric motor. C. A. Rall. 2,055,049; Sept. 22.
- Electric motor. A. G. Redmond. 2,038,446; Apr. 21.
- Electric motor. J. Schick. 2,064,038; Dec. 15.
- Electric motor. F. van der Woude. 2,037,606; Apr. 14.
- Electric motor. P. M. Warnick and W. H. Scott. 2,063,773; Dec. 8.
- Electric motor, Universal. G. P. Daiger. 2,046,675; July 7.
- Electric network, Frequency discriminating. H. L. Oura. 2,059,389; Nov. 3.
- Electric outlet. G. Carlson. 2,053,943; Sept. 8.
- Electric outlet. O. N. Plante. 2,028,009; Jan. 14.
- Electric plant, Emergency. L. C. Frank and S. A. Bobe. 2,063,994; Dec. 15.
- Electric plug. N. Chirelstein. 2,037,562; Apr. 14.
- Electric plug. S. T. Ezzo. 2,049,560; Aug. 4.
- Electric plug. B. F. Muldoon. 2,030,115; Feb. 11.
- Electric plug. P. Percy. 2,027,447; Jan. 14.
- Electric plug. W. H. Rozar. 2,056,587; Oct. 6.
- Electric plug. O. W. Schlums. 2,051,425; Aug. 18.
- Electric plug. W. Weich. 2,034,966; Mar. 24.
- Electric plug connector. G. E. Andre. 2,028,375; Jan. 21.
- Electric plug connector. E. O. Ericson. 2,061,190; Nov. 17.
- Electric pocket lamp. B. D. Lifschitz. 2,041,843; May 26.
- Electric power attachment for typewriters. T. H. Talley. 2,036,659; Apr. 7.
- Electric power converting apparatus. C. H. Willis and B. D. Bedford. 2,059,832; Nov. 3.
- Electric power transmission by electric cables, Underground. W. Vogel. 2,054,046; Sept. 8.
- Electric power unit. J. D. Christian. 2,027,149; Jan. 7.
- Electric pressure meter. R. W. Carlson. 2,059,549; Nov. 3.
- Electric projection lamp. T. W. Frech. 2,033,699; Mar. 10.
- Electric push plug. F. E. Wheeler. 2,053,386; Sept. 8.
- Electric radiation device. C. H. Braselton. 2,039,772; May 5.
- Electric ray producing device. O. T. McIlvaine. 2,040,753; May 12.
- Electric receptacle, Movable. W. J. Kelley. 2,042,105; May 26.
- Electric recording and reproducing apparatus. A. A. Thomas. 2,032,190; Feb. 25.
- Electric reduction furnace. A. E. Greene. 2,033,029; Mar. 3.
- Electric regulating system. W. F. Westendorp. 2,039,043; Apr. 28.
- Electric regulator. L. G. Tubbs. 2,057,458; Oct. 13.
- Electric regulator for furnaces and other apparatus. G. A. F. Machlet. 2,056,285; Oct. 6.
- Electric relay. H. L. Coe. 2,061,347; Nov. 17.
- Electric resistance device. E. R. Morton. 2,030,460; Feb. 11.
- Electric resistance welding system. E. J. W. Ragsdale. 2,057,632; Oct. 13.
- Electric revolving sign. E. T. Zange. 2,034,600; Mar. 17.
- Electric safety pilot. H. A. Mantz. 2,064,436; Dec. 15.
- Electric sign. M. L. Nelson. 2,043,707; June 9.
- Electric signal. A. A. Johnson. 2,042,316; May 26.
- Electric signal. F. Toscano. 2,030,279; Feb. 11.
- Electric snap switch. G. J. Meuer. 2,050,359; Aug. 11.
- Electric starting motor. D. Collins. 2,059,624; Nov. 3.
- Electric steam condenser. L. G. de Kermor. 2,041,116; May 19.
- Electric storage battery. F. J. Schnaubelt. 2,064,324; Dec. 15.
- Electric switch. J. Anderson. 2,058,656; Oct. 27.
- Electric switch. B. O. Austin. 2,060,481; Nov. 10.
- Electric switch. C. E. Beach, F. E. Weld and G. E. King. 2,038,405; Apr. 21.
- Electric switch. I. Bostian. 2,058,661; Oct. 27.
- Electric switch. T. A. Both. 2,050,918; Aug. 11.
- Electric switch. G. R. Brown. 2,047,931; July 14.



- Electric switch. H. A. Douglas. 2,047,950; July 21.  
 Electric switch. R. O. Eaton. 2,030,691; Feb. 11.  
 Electric switch. A. C. Gaynor. 2,050,698; Aug. 11.  
 Electric switch. G. B. Grosvenor. 2,036,628; Apr. 7.  
 Electric switch. H. J. Hammerly. 2,051,943; Aug. 25.  
 Electric switch. E. L. Horning. 2,057,525; Oct. 13.  
 Electric switch. W. R. Huttinger. 2,059,109; Oct. 27.  
 Electric switch. G. A. Johnson. 2,041,414; May 19.  
 Electric switch. J. Kopeliowitch and W. Wanger. 2,052,232; Aug. 25.  
 Electric switch. A. W. Krieger. 2,027,538; Jan. 14.  
 Electric switch. C. H. Larson. 2,064,477; Dec. 15.  
 Electric switch. W. K. Mason. 2,037,730; Apr. 21.  
 Electric switch. L. H. Matthias. 2,059,702; Nov. 3.  
 Electric switch. G. J. Meuer. 2,065,904; Dec. 29.  
 Electric switch. A. L. Moore. 2,046,401; July 7.  
 Electric switch. M. Morrison. 2,036,069; Mar. 31.  
 Electric switch. A. H. Nero. 2,057,536; Oct. 13.  
 Electric switch. J. G. Peterson. 2,038,902; Apr. 28.  
 Electric switch. R. A. Sandt. 2,047,083; July 7.  
 Electric switch. W. F. Steenweg. 2,059,670; Nov. 3.  
 Electric switch. A. D. Titzen. 2,047,902; July 14.  
 Electric switch. E. W. Tucker, Jr., and B. Heinrich. 2,056,494; Oct. 6.  
 Electric switch. E. Williams. 2,030,671; Feb. 11.  
 Electric switch. T. F. Windas. 2,044,025; June 16.  
 Electric switch, Foot operated. H. A. Douglas. 2,048,927; July 28.  
 Electric switch plug, Steam-operated automatic. A. C. Wilcox. 2,030,083; Feb. 11.  
 Electric switch, Thermostatically controlled. J. F. S. Briggs. 2,061,346; Nov. 17.  
 Electric system for vehicles. C. Pilkington. 2,038,195; Apr. 21.  
 Electric system, gearing and control for motor vehicles. A. H. Neuland. 2,045,197; June 23.  
 Electric system of lift control. N. C. Smart. 2,047,805; July 14.  
 Electric system, Supervised. H. C. Grant, Jr. 2,046,622; July 7.  
 Electric system, Supervised. H. C. Grant, Jr. 2,064,533; Dec. 15.  
 Electric systems, Protection of. F. H. Kierstead. 2,034,518; Mar. 17.  
 Electric systems, Supervision of. V. Aigner. 2,052,377; Aug. 25.  
 Electric terminal connector. E. Robinson. 2,061,291; Nov. 17.  
 Electric therapeutic lamp. A. E. Lower and H. C. Petzwal. 2,054,332; Sept. 15.  
 Electric time switch. R. L. Loudon and H. H. Geyer. 2,061,312; Nov. 17.  
 Electric timing apparatus. F. G. Kelly, Jr. 2,029,622; Feb. 4.  
 Electric traction system with compound motors and electric braking. L. Baqueyrisse. 2,050,252; Aug. 11.  
 Electric translating device for musical instruments. A. Lesti. 2,026,841; Jan. 7.  
 Electric treater for emulsions. H. C. Eddy. 2,033,418-9; Mar. 10.  
 Electric treater with diverging stream and method. R. L. Pettefer. 2,033,446; Mar. 10.  
 Electric treating system for emulsions. L. C. Waterman. 2,060,839; Nov. 17.  
 Electric valve. L. R. Ludwig. 2,036,287; Apr. 7.  
 Electric valve circuits. E. J. Clark. 2,039,057; Apr. 28.  
 Electric valve converting system and excitation apparatus therefor. A. H. Mittag. 2,034,524; Mar. 17.  
 Electric water heater. I. Florman. 2,043,510; June 9.  
 Electric water heater. N. McLeod. 2,055,500; Sept. 29.  
 Electric wave amplifying system. H. S. Black. 2,033,917; Mar. 17.  
 Electric wave-filter. A. Jaumann. 2,034,906; Mar. 24.  
 Electric wave generator. H. M. Lewis. 2,052,184; Aug. 25.  
 Electric wave signaling. A. G. Cooley. 2,049,424; Aug. 4.  
 Electric welder. W. H. Martin. 2,063,257; Dec. 8.  
 Electric welder control. E. A. Hobart. 2,049,377; July 28.  
 Electrical adding machine. F. B. Wadel. 2,061,745; Nov. 24.  
 Electrical advertising device. K. Hengel. 2,058,312; Oct. 20.  
 Electrical advertising sign. F. H. McDonald. 2,030,886; Feb. 18.  
 Electrical amplifier. P. N. Bossart. 2,029,354; Feb. 4.  
 Electrical analysis (apparatus). T. Zuschlag. 2,045,258; June 23.  
 Electrical analysis (method). T. Zuschlag. 2,045,257; June 23.  
 Electrical and key operated lock, Combined. F. Honsel. 2,045,186; June 23.  
 Electrical and other connectors. A. C. Hessel. 2,039,996; May 5.  
 Electrical apparatus. F. M. Clark. 2,028,589; Jan. 21.  
 Electrical apparatus. J. W. Dawson. 2,030,099; Feb. 11.  
 Electrical apparatus. H. M. Dressel. 2,026,772; Jan. 7.  
 Electrical apparatus. L. W. Dyer. 2,060,492; Nov. 10.  
 Electrical apparatus. J. H. Geisse. 2,041,125; May 19.  
 Electrical apparatus. C. J. Le Bel. 2,028,338; Jan. 21.  
 Electrical apparatus. C. I. McNeil. 2,031,784; Feb. 25.  
 Electrical apparatus. C. I. McNeil. 2,038,186-7; Apr. 21.  
 Electrical apparatus. B. E. O'Hagan. 2,049,923; Aug. 4.  
 Electrical apparatus. P. R. Pierson. 2,039,028; Apr. 28.  
 Electrical apparatus. T. J. Smulski. 2,061,048; Nov. 17.  
 Electrical apparatus. H. C. Walters. 2,064,093; Dec. 15.  
 Electrical apparatus and contacts therefor. J. H. Herring. 2,039,995; May 5.  
 Electrical apparatus for locating bodies having anomalous electrical admittances. W. M. Barret and R. H. Mayer. 2,066,135; Dec. 29.  
 Electrical apparatus for the transmission of angular movements. G. M. Pestarini. 2,030,762; Feb. 11.  
 Electrical apparatus, High voltage. L. W. Foster. 2,055,346; Sept. 22.  
 Electrical apparatus, Liquid immersed. V. M. Montsinger. 2,036,068; Mar. 31.  
 Electrical apparatus, Metal clad. A. S. Carlson. 2,036,792; Apr. 7.  
 Electrical appliance. W. H. Fischer. 2,040,369; May 12.  
 Electrical appliance and plug therefor. M. W. McArdle. 2,063,110; Dec. 8.  
 Electrical artificial larynx. R. R. Riesz. 2,056,295; Oct. 6.  
 Electrical blank heating machine. F. W. Gaines. 2,052,761; Sept. 1.  
 Electrical capacitor. F. M. Clark. 2,051,594; May 19.  
 Electrical circuit and relay therefor. F. X. Rees. 2,027,701; Jan. 14.  
 Electrical communication system. V. K. Zworykin. 2,028,857; Jan. 28.  
 Electrical compression or tension gauge. H. I. Becker. 2,058,946; Oct. 27.  
 Electrical condenser. A. Deutschmann. 2,065,934; Dec. 29.  
 Electrical condenser. W. Dubilier. 2,043,532; June 9.  
 Electrical condenser. P. Hetenyi. 2,028,775; Jan. 28.  
 Electrical condenser. S. Heyman. 2,054,478; Sept. 15.  
 Electrical condenser. F. H. Potter and R. F. MacAlpine. 2,057,790; Oct. 20.  
 Electrical condenser. E. A. Weaver. 2,049,553; Aug. 4.  
 Electrical condenser and its manufacture. P. E. Edelman. 2,055,216; Sept. 22.  
 Electrical conducting system. J. F. Wentz. 2,038,973; Apr. 28.  
 Electrical conductor. W. H. Moss. 2,057,688-90; Oct. 20.  
 Electrical conductor. E. F. Northrup. 2,031,975; Feb. 25.  
 Electrical conductor. D. R. G. Palmer. 2,034,532; Mar. 17.  
 Electrical conductor. L. L. Weaver. 2,060,913; Nov. 17.  
 Electrical conductor. L. L. Weaver and C. A. Webber. 2,060,914; Nov. 17.  
 Electrical conductor and making the same. R. Selquist. 2,055,948; Sept. 29.  
 Electrical conductor, Insulated. S. Ruben. 2,059,280; Nov. 3.  
 Electrical conductor, Insulated. A. S. Watson. 2,056,130; Sept. 29.  
 Electrical conductors, Making. C. Hardy. 2,053,662; Sept. 8.  
 Electrical connector. C. Auth. 2,052,272; Aug. 25.  
 Electrical connector. W. C. Banks. 2,038,203; Apr. 21.  
 Electrical connector. G. B. Benander. 2,055,329; Sept. 22.  
 Electrical connector. C. E. Gilbert. 2,060,617; Nov. 10.  
 Electrical connector. R. A. Goeller. 2,046,942; July 7.  
 Electrical connector. W. A. Heinrich. 2,062,882; Dec. 1.  
 Electrical connector. L. R. Landers. 2,060,761; Nov. 10.  
 Electrical connector. F. Marquart. 2,059,008; Oct. 27.  
 Electrical connector. W. J. McFadden. 2,050,440; Aug. 11.  
 Electrical connector. L. C. Ouellet. 2,054,465; Sept. 15.  
 Electrical connector. L. Pollock. 2,060,115; Nov. 10.  
 Electrical connector. M. H. Sinks. 2,053,114; Sept. 1.  
 Electrical connector. J. Wertzheiser. 2,051,925; Aug. 25.  
 Electrical connector. H. B. White. 2,054,612; Sept. 15.  
 Electrical connector. H. D. Wilson, Jr. 2,041,100; May 19.  
 Electrical connector, Lock joint friction. V. Pollmeni. 2,057,344; Oct. 13.  
 Electrical connector plug. J. E. Smith. 2,034,273; Mar. 17.  
 Electrical connector unit for metal clad switch gears. F. V. Calvert. 2,047,000; July 7.  
 Electrical connection. C. H. Reynolds. 2,032,501; Mar. 3.  
 Electrical connection. E. S. Stem. 2,026,755; Jan. 7.  
 Electrical connection for bus bars. F. Harvey. 2,038,107; Apr. 21.  
 Electrical connection means. H. A. Douglas. 2,066,144; Dec. 29.  
 Electrical connection plug. J. Wertzheiser. 2,060,709; Nov. 10.  
 Electrical contact. L. Casper. 2,056,919; Oct. 6.  
 Electrical contact. J. B. Ford. 2,032,926; Mar. 3.  
 Electrical contact. C. E. Gilbert. 2,046,509; July 7.  
 Electrical contact device. G. Priel. 2,059,488; Nov. 3.  
 Electrical contact device, Separable. C. L. Knutson. 2,031,564; Feb. 18.  
 Electrical contact pin. E. Kleinmann. 2,036,759; Apr. 7.  
 Electrical contact plug. E. Kleinmann and A. Mendel. 2,032,847; Mar. 3.  
 Electrical contact receptacle. A. L. Becket. 2,028,268; Jan. 21.  
 Electrical contactor. J. C. Tamsitt. 2,061,391; Nov. 17.  
 Electrical control apparatus. J. W. McNairy. 2,064,621; Dec. 15.



- Electrical control, Apparatus for. F. W. Godsey, Jr. 2,030,202; Feb. 11.
- Electrical control board. R. T. Pierce. 2,043,904; June 9.
- Electrical control equipment. C. R. Hodgson, H. H. Knowles, and G. N. Lemmon. 2,030,589; Feb. 11.
- Electrical control equipment. G. O. Wilms. 2,050,076; Aug. 4.
- Electrical control mechanism. E. Geiger. 2,043,699; June 9.
- Electrical control system. E. J. Dillman. 2,061,536; Nov. 17.
- Electrical control system. W. W. Macalpine. 2,049,712; Aug. 4.
- Electrical control system. A. Pfister. 2,027,196; Jan. 7.
- Electrical control system. A. S. Riggs. 2,048,082; July 21.
- Electrical control system. H. A. Rose. 2,053,445; Sept. 8.
- Electrical control system. J. W. Wattles. 2,065,844; Dec. 29.
- Electrical controller. E. G. Powell. 2,031,502; Feb. 18.
- Electrical controller. C. W. Wyman. 2,061,887; Nov. 24.
- Electrical controlling apparatus. C. F. Warner. 2,056,699; Oct. 6.
- Electrical controlling device. H. A. Wilhelm. 2,062,345; Dec. 1.
- Electrical controlling system. K. H. Hubbard. 2,035,602; Mar. 31.
- Electrical conversion system. L. R. Ludwig. 2,064,021; Dec. 15.
- Electrical cooking machine. A. Govoroff. 2,039,218; Apr. 28.
- Electrical cord connector. L. Kellner. 2,058,321; Oct. 20.
- Electrical current conductor. E. W. Bremer. 2,046,056; June 30.
- Electrical current in response to light, Apparatus for producing. A. J. McMaster and J. G. Wells. 2,035,906; Mar. 31.
- Electrical dehydration, Method and apparatus. P. W. Prutzman. 2,041,954; May 26.
- Electrical dehydration, Method and apparatus for. P. W. Prutzman. 2,027,615; Jan. 14.
- Electrical dehydration, Method and apparatus for. P. W. Prutzman. 2,027,616; Jan. 14.
- Electrical dehydrator high voltage supply. L. Dillon. 2,038,479; Apr. 21.
- Electrical demand, Apparatus for controlling. C. N. Paden. 2,036,434; Apr. 7.
- Electrical device. H. B. Fuchs. 2,043,744; June 9.
- Electrical device. O. M. Glunt. 2,031,945; Feb. 25.
- Electrical device. C. H. Gunthorp. 2,049,585; Aug. 4.
- Electrical device. C. H. Gunthorp. 2,057,718; Oct. 20.
- Electrical device. T. J. J. A. Manders. 2,042,540; June 2.
- Electrical device. G. A. Matthews and R. H. Cook. 2,050,665; Aug. 11.
- Electrical device. C. M. Petersen. 2,035,505; Mar. 31.
- Electrical device and a shock absorbing and distributing means therefor. Shockproof. A. C. Blakeman. 2,049,287; July 28.
- Electrical devices in isochronism, Apparatus for maintaining a plurality of. C. Tappan. 2,033,494; Mar. 10.
- Electrical devices, Method of and apparatus for testing. F. G. Taborsky. 2,031,016; Feb. 18.
- Electrical discharge control and television system. H. C. Gillespie. 2,063,804; Dec. 8.
- Electrical discharge device. D. D. Knowles. 2,062,268; Nov. 24.
- Electrical discharge device. J. G. W. Mulder, J. Bruijnes, and J. H. J. Maartens. 2,051,457; Aug. 18.
- Electrical discharge device. J. J. Torok. 2,050,397; Aug. 11.
- Electrical discharge device and electrode for same. R. E. Barclay. 2,062,959; Dec. 1.
- Electrical discharge device and operating same. C. G. Found. 2,034,571; Mar. 17.
- Electrical discharge in a gaseous conduction path, Initiating and controlling. R. E. Barclay. 2,062,960; Dec. 1.
- Electrical discharge relay. S. Ruben. 2,049,139; July 28.
- Electrical disconnecting device. M. G. Dahl. 2,064,736; Dec. 15.
- Electrical disk brake. A. Y. Dodge. 2,029,862; Feb. 4.
- Electrical display system. J. W. Harrington. 2,057,660; Oct. 20.
- Electrical distribution system. H. J. L. Frank and W. A. Harper. 2,036,265; Apr. 7.
- Electrical distribution system. H. J. L. Frank and W. A. Harper. 2,042,778; June 2.
- Electrical distribution system. H. J. L. Frank, W. A. Harper, and J. A. Messing. 2,061,515; Nov. 17.
- Electrical distribution system. W. H. Frank. 2,059,988; Nov. 3.
- Electrical distribution system. W. H. Frank and J. W. Harper. 2,041,675; May 19.
- Electrical distribution system. W. H. Frank and J. W. Harper. 2,059,986-7; Nov. 3.
- Electrical distribution system. F. Harvey. 2,039,793; May 5.
- Electrical distribution system. V. Karapetoff. 2,057,529; Oct. 13.
- Electrical distribution system. C. A. Woodrow. 2,046,990; July 7.
- Electrical distribution, System of. T. W. Drury. 2,040,688; May 12.
- Electrical distribution, System of. C. W. Lampson. 2,059,001-2; Oct. 27.
- Electrical disturbances, Reducing. D. G. McCaa. 2,031,539; Feb. 18.
- Electrical driving machine. C. R. Edwards. 2,051,249; Aug. 18.
- Electrical energy to varying loads, for example, to thermionic valve apparatus, Supply of. A. D. Blumlein. 2,035,457; Mar. 31.
- Electrical entrance plug. R. H. Money. 2,028,942; Jan. 28.
- Electrical fitting, Pliable. F. W. Hudson. 2,037,630; Apr. 14.
- Electrical fixture. J. W. Hooley. 2,038,290; Apr. 21.
- Electrical frequency regulator. A. R. Burt. 2,037,696; Apr. 21.
- Electrical frequency responsive device. W. G. Bird. 2,034,019; Mar. 17.
- Electrical gas treatment. C. W. J. Hedberg and R. B. Hesson. 2,040,378; May 12.
- Electrical generating system. W. J. Rady and H. C. Porter. 2,046,699; July 7.
- Electrical heater. R. Audain. 2,046,233; June 30.
- Electrical heating apparatus. L. C. H. Athill. 2,041,631; May 19.
- Electrical heating apparatus. A. G. Borden. 2,054,594; Sept. 15.
- Electrical heating device. J. H. Smith. 2,065,760; Dec. 29.
- Electrical heating system. J. C. Sharp. 2,064,634; Dec. 15.
- Electrical heating system. G. Slayter. 2,066,127; Dec. 29.
- Electrical heating system for buildings. J. H. Taylor. 2,042,742; June 2.
- Electrical ignition device. I. E. McCabe. 2,040,620; May 12.
- Electrical impulses, Recording and reproduction of. E. W. Kellogg. 2,031,835; Feb. 25.
- Electrical impulses, Recording and reproduction of. A. Ringel. 2,029,389; Feb. 4.
- Electrical indicating apparatus. E. Frischknecht and J. Abegglen. 2,052,539; Aug. 25.
- Electrical indicating apparatus. J. A. Proctor. 2,048,814; July 28.
- Electrical indicating device. C. F. Warrick. 2,028,263; Jan. 21.
- Electrical indicating instrument. L. H. Middleton. 2,040,060; May 5.
- Electrical indicator and tachometer. W. H. Campbell. 2,065,426; Dec. 22.
- Electrical installation. R. W. Atkinson and A. M. Hagen. 2,042,421; May 26.
- Electrical installation for rectifying alternating currents. J. G. W. Mulder. 2,034,823; Mar. 24.
- Electrical instrument. T. D. Parkin and K. S. Webb. 2,027,195; Jan. 7.
- Electrical instrument. M. S. Wilson and R. G. Jewell. 2,052,434; Aug. 25.
- Electrical insulation. H. R. Thies. 2,064,768; Dec. 15.
- Electrical insulation and preparation thereof, Fibrous. A. C. Clifford. 2,036,256; Apr. 7.
- Electrical insulation material. C. F. Obermaier. 2,038,378; Apr. 21.
- Electrical make-and-break contact. J. A. Weiger. 2,037,446; Apr. 14.
- Electrical measuring. I. M. Stein. 2,045,970; June 30.
- Electrical measuring and regulating system. H. L. Bernarde. 2,065,421; Dec. 22.
- Electrical measuring instrument. C. I. McNeil. 2,049,129; July 28.
- Electrical measuring instrument. J. R. Pattee. 2,057,845; Oct. 20.
- Electrical measuring instrument. R. Simpson. 2,051,399; Aug. 18.
- Electrical measuring means and electrically responsive means. G. K. Graham. 2,033,465; Mar. 10.
- Electrical measuring system. A. G. Jensen. 2,047,782; July 14.
- Electrical meter. A. W. Barber. 2,039,267; Apr. 28.
- Electrical meter. E. W. Gent. 2,038,277; Apr. 21.
- Electrical meter. W. H. Pratt. 2,044,542; June 16.
- Electrical meter system. P. Petri. 2,059,743; Nov. 3.
- Electrical mixer. J. Flaum. 2,065,440; Dec. 22.
- Electrical network. H. G. Tasker. 2,037,285; Apr. 14.
- Electrical network. M. Vos and F. R. V. Stålemark. 2,039,202; Apr. 28.
- Electrical oscillation generator. G. F. Brett. 2,027,017; Jan. 7.
- Electrical oscillation generator. N. M. Rust. 2,055,090; Sept. 22.
- Electrical outlet. O. A. Kottmann. 2,035,657; Mar. 31.
- Electrical outlet box. F. B. Adam. 2,033,602; Mar. 10.
- Electrical outlet, Extended. P. Manchester. 2,031,542; Feb. 18.
- Electrical outlet plug. H. Thorin. 2,049,093; July 28.
- Electrical plug. M. Leon. 2,044,948; June 23.
- Electrical power system. G. M. Pestarini. 2,049,390; July 28.
- Electrical precipitation apparatus. M. A. Lissman. 2,039,094; Apr. 28.
- Electrical precipitation, Apparatus for. H. B. Rüder and H. Fiesel. 2,061,045; Nov. 17.
- Electrical protective apparatus. C. H. Walsh. 2,049,552; Aug. 4.
- Electrical protective device. R. R. Pittman. 2,034,204; Mar. 17.



- Electrical protective system. C. M. Dowell. 2,057,138; Oct. 13.
- Electrical protective system. L. P. Ferris, R. K. Honaman, and L. S. Inskip. 2,053,988; Sept. 8.
- Electrical protective system. W. M. Hanna. 2,043,099; June 2.
- Electrical protective system. L. K. Swart. 2,032,512-13; Mar. 3.
- Electrical protective system. L. K. Swart. 2,040,219; May 12.
- Electrical protective system. L. K. Swart. 2,043,399; June 9.
- Electrical protective system. L. K. Swart. 2,044,512; June 16.
- Electrical protective system. L. K. Swart. 2,065,765; Dec. 29.
- Electrical protective system. L. K. Swart and J. D. Tebo. 2,054,008; Sept. 8.
- Electrical receptacle. J. Knell. 2,028,509; Jan. 21.
- Electrical receptacle. W. F. McIntosh. 2,039,916; May 5.
- Electrical receptacle plug. W. F. McIntosh. 2,030,016; Feb. 4.
- Electrical rectifier. P. H. Dowling. 2,046,153; June 30.
- Electrical regulating system. H. Bany. 2,031,452; Feb. 18.
- Electrical regulating system. H. Bany and R. N. Slinger. 2,063,077; Dec. 8.
- Electrical regulating system. R. H. Kaufmann. 2,046,952; July 7.
- Electrical regulation. L. W. Thompson and B. M. Cain. 2,033,014; Mar. 3.
- Electrical regulator. L. W. Thompson. 2,033,013; Mar. 3.
- Electrical relay. H. G. Blosser. 2,057,605; Oct. 13.
- Electrical relay. A. H. Lamb. 2,042,109; May 26.
- Electrical relay system. C. F. Warrick. 2,065,634; Dec. 29.
- Electrical remote control system. H. A. Ewen. 2,039,155; Apr. 28.
- Electrical reproducer. M. L. Dull. 2,030,574; Feb. 11.
- Electrical reproducing device. C. P. Mitchell. 2,036,091; Mar. 31.
- Electrical resistance and method of manufacture. A. H. Heyroth. 2,060,393; Nov. 10.
- Electrical resistance device. W. Dumke. 2,031,211; Feb. 18.
- Electrical resistance device. W. J. Hiscock. 2,060,417; Nov. 10.
- Electrical resistance device. L. W. Thompson. 2,033,015; Mar. 3.
- Electrical resistance element and alloy therefor. J. L. Thomas. 2,042,972; June 2.
- Electrical resistance elements and alloys therefor, Making. J. L. Thomas. 2,042,971; June 2.
- Electrical resistance elements, Making. P. G. Andres. 2,027,413; Jan. 14.
- Electrical resistor. J. J. Mucher. 2,055,849; Sept. 29.
- Electrical resistor and manufacturing the same, Flexible. J. J. Mucher. 2,035,911; Mar. 31.
- Electrical selecting or connecting device. J. F. T. Engblom. 2,032,270; Feb. 25.
- Electrical service, Method of and apparatus for evaluating. A. R. Williams. 2,039,863; May 5.
- Electrical signaling device. F. G. Beetem. 2,039,765; May 5.
- Electrical signaling system. H. R. Hayden. 2,056,852; Oct. 6.
- Electrical signaling system. E. A. Tubbs. 2,040,221; May 12.
- Electrical snubbing means. F. T. Fereday. 2,038,482; Apr. 21.
- Electrical speed control, Web roll. H. A. W. Wood. 2,039,470-1; May 5.
- Electrical standard. D. V. Edwards. 2,040,768; May 12.
- Electrical step-up device. L. W. Gensburg. 2,060,299; Nov. 10.
- Electrical storage battery. R. E. Pearson. 2,033,587; Dec. 29.
- Electrical switch. H. M. Dressel and K. C. Allison. 2,026,773; Jan. 7.
- Electrical switch. C. G. Koppitz. 2,062,580; Dec. 1.
- Electrical switch. A. Ramirez, Jr. and A. Schiavi. 2,040,214; May 12.
- Electrical switch gear. C. H. Hill and K. T. Ashdown. 2,054,674; Sept. 15.
- Electrical switchgear. H. J. Huber. 2,063,875; Dec. 8.
- Electrical system. H. Harz. 2,039,314; May 5.
- Electrical system. F. W. Lyle. 2,046,692; July 7.
- Electrical switch. S. Ruttenberg. 2,042,865; June 2.
- Electrical system. R. P. Siskind. 2,050,505; Aug. 11.
- Electrical system for controlling any industrial measuring values. M. U. Büchting. 2,056,769; Oct. 6.
- Electrical system for the remote indication of instrument readings. J. F. Lee and J. Glarratana. 2,066,114; Dec. 29.
- Electrical terminal. A. E. Rittenhouse. 2,060,426; Nov. 10.
- Electrical terminal connection. C. C. Abbott. 2,046,102; June 30.
- Electrical terminal plug. J. W. Peto. 2,050,374; Aug. 11.
- Electrical testing. W. S. Jennens. 2,064,633; Dec. 15.
- Electrical testing apparatus. P. B. Levitt. 2,042,009; May 26.
- Electrical testing device. C. M. Lindsay. 2,041,614; May 19.
- Electrical testing instrument. R. L. Triplett. 2,054,642; Sept. 15.
- Electrical testing means for gaseous fluids. C. H. Phelps. 2,052,421; Aug. 25.
- Electrical therapeutic pad. R. W. Chapman. 2,047,308; July 14.
- Electrical translation device. J. M. Kendall. 2,028,873; Jan. 28.
- Electrical treatment of gases or liquids, Method and apparatus for. G. Grave. 2,049,561; Aug. 4.
- Electrical uses, Apparatus for. E. E. Franz. 2,045,985; June 30.
- Electrical utility device. P. J. Fitzgerald. 2,061,868; Nov. 24.
- Electrical vacuum pump. C. W. Hansell. 2,063,249-50; Dec. 8.
- Electrical variations, System for detecting and amplifying modulated. W. R. Ferris. 2,058,432; Oct. 27.
- Electrical vibrator unit. E. C. Guedon, A. D. Burt, and F. Shoup. 2,063,311; Dec. 8.
- Electrical wave filter. D. F. Ciccolella. 2,035,261; Mar. 24.
- Electrical wave production. C. H. Rumpel. 2,055,208; Sept. 22.
- Electrically conductive bodies, Outgassing and purifying. H. E. Mendenhall. 2,039,655; May 5.
- Electrically controlled brake. R. L. Nash. 2,065,194; Dec. 22.
- Electrically controlled valve. R. J. McFall and F. H. Roland. 2,064,935; Dec. 22.
- Electrically heated apparatus and operating. G. A. Patterson. 2,052,649; Sept. 1.
- Electrically heated cup. H. E. Lacy. 2,046,125; June 30.
- Electrically operated fishing tool. W. T. Wells. 2,061,864; Nov. 24.
- Electrically operated signal. W. H. Balzer. 2,063,076; Dec. 8.
- Electrically operated switch. J. G. Sola. 2,051,622; Aug. 18.
- Electrically operated valve. J. H. Larscheidt. 2,032,621; Mar. 3.
- Electricity service meter. C. E. Sloop. 2,044,643; June 16.
- Electroacoustic device. H. F. Olson and F. Massa. 2,064,316; Dec. 15.
- Electroacoustic device. C. E. Stevens and W. T. Taber. 2,039,854; May 5.
- Electroacoustic device. W. T. Taber. 2,039,856; May 5.
- Electrochemical recording of electric currents. E. Glas. 2,038,486; Apr. 21.
- Electrode. F. Müller. 2,033,730; Mar. 10.
- Electrode and making the same, Flux coated. E. W. Vars. 2,046,981; July 7.
- Electrode and plug therefor, Therapeutic. F. C. Wappler. 2,043,083; June 2.
- Electrode and producing the same. J. P. Dyer. 2,048,854; July 28.
- Electrode, Arc welding. W. B. Miller. 2,063,182; Dec. 8.
- Electrode arrangement for controlling electric arcs. W. G. Thompson. 2,031,435; Feb. 18.
- Electrode construction. S. C. Miller. 2,064,485; Dec. 15.
- Electrode construction for discharge lamps. P. W. Blackburn. 2,053,318; Sept. 8.
- Electrode discharge tube energizing, Multiple. B. F. Miessner. 2,034,663; Mar. 17.
- Electrode, Flux-coated. P. R. Judy. 2,032,322; Feb. 25.
- Electrode, Flux-coated. H. R. Pennington. 2,051,775; Aug. 18.
- Electrode for act welding, Covered. J. J. Chyle. 2,052,699; Sept. 1.
- Electrode for electrical precipitators, Box collecting. E. Engert. 2,036,323; Apr. 7.
- Electrode for electrically heated steam boilers and the like. N. Hallman. 2,050,607; Aug. 11.
- Electrode for electron discharge devices. P. Kniepen. 2,036,579; Apr. 7.
- Electrode for luminous tube and making the same. R. Nauth. 2,065,947; Dec. 29.
- Electrode for magnesium and its alloys, Welding. D. E. Jarman. 2,054,054; Sept. 8.
- Electrode for use in electrothermal processes for the production of carbon black. J. J. Jakosky. 2,027,732; Jan. 14.
- Electrode holder. A. Bustamante. 2,044,058; June 16.
- Electrode holder. J. T. Catlett. 2,042,504; June 2.
- Electrode holder. J. Churchward. 2,059,438; Nov. 3.
- Electrode holder. A. J. and I. F. Fausek. 2,054,972; Sept. 22.
- Electrode holder. A. J. and I. F. Fausek. 2,056,045; Sept. 29.
- Electrode holder. H. Q. Gruell. 2,064,908; Dec. 22.
- Electrode holder, Electric arc welding. C. A. Bowlus. 2,060,606; Nov. 10.
- Electrode holder for searchlights. F. R. House. 2,051,377; Aug. 18.
- Electrode housing, High voltage. S. C. Miller. 2,046,960; July 7.
- Electrode, Illuminated cautery. A. Kleine. 2,029,487; Feb. 4.
- Electrode mounting. W. W. Eitel and J. McCullough. 2,030,361; Feb. 11.
- Electrode or welding rod. A. P. Strohmenger. 2,054,609; Sept. 15.
- Electrode, Resistance welding. H. F. Silliman. 2,038,390; Apr. 21.
- Electrode resistant to anodic attack. R. C. Brown. 2,053,214; Sept. 1.



- Electrode, Storage battery. H. R. Harner and M. F. Chubb. 2,035,315; Mar. 24.
- Electrode structure. S. F. Essig. 2,065,570; Dec. 29.
- Electrode structure for electric discharge lamps. J. L. Cox. 2,060,610; Nov. 10.
- Electrode structure for metal tubes. J. E. Beggs. 2,056,035; Sept. 29.
- Electrode supporting structure. W. W. Eitel and J. McCullough. 2,038,926; Apr. 28.
- Electrode system. W. C. van Geel and J. H. de Boer. 2,038,616; Apr. 28.
- Electrode system for producing solutions of metals. G. H. Meinzer. 2,036,949; Apr. 7.
- Electrode system having unsymmetrical conductivity. E. H. Reerink and J. H. de Boer. 2,041,569; May 19.
- Electrode treater and method, Multiple. G. B. Hanson and H. C. Eddy. 2,033,429; Mar. 10.
- Electrode treater and method, Multiple. L. E. McDonald. 2,033,143; Mar. 10.
- Electrode tube, Shielded. R. M. Heintz. 2,037,231; Apr. 14.
- Electrode, Welding. A. M. Candy. 2,050,271; Aug. 11.
- Electrode, Welding. R. A. Gilbert. 2,049,368; July 28.
- Electrode, Welding. R. K. Hopkins. 2,034,259; Mar. 17.
- Electrode, Welding. R. K. Hopkins. 2,039,167; Apr. 28.
- Electrode, Welding. J. H. Humberstone and V. Miller. 2,053,956; Sept. 8.
- Electrode, Welding. V. Miller and J. H. Humberstone. 2,060,681-2; Nov. 10.
- Electrode, Welding. E. W. Kronbach. 2,043,927; June 9.
- Electrode, Welding. C. M. Schaub. 2,037,596; Apr. 14.
- Electrodes, Apparatus for making welding. H. R. Geer. 2,063,497; Dec. 8.
- Electrodes for electrolytic condensers, Forming. J. E. Lilienfeld. 2,052,575; Sept. 1.
- Electrodes, Forming. W. W. Eitel and J. McCullough. 2,061,759; Nov. 24.
- Electrodes, Method and apparatus for spacing. J. P. Dyer. 2,043,698; June 9.
- Electrodes, Surgical. R. H. Wappler. 2,047,535; July 14.
- Electrode endoscopic instrument. F. C. Wappler. 2,038,393; Apr. 21.
- Electrode instrument. F. C. Wappler. 2,056,377; Oct. 6.
- Electrodeposition. P. R. Pine. 2,029,387; Feb. 4.
- Electrodeposition. C. E. Yates. 2,051,928; Aug. 25.
- Electrodeposition, Apparatus for. C. E. Yates. 2,035,517; Mar. 31.
- Electrodeposition, Method and apparatus for. C. E. Yates. 2,044,415; June 16.
- Electro-dynamic apparatus. E. L. Bowles and G. H. B. Smith, Jr. 2,036,252; Apr. 7.
- Electro-hydraulic control structure. L. M. Persons. 2,040,403; May 12.
- Electrolift. C. E. Johnson. 2,035,813; Mar. 31.
- Electrolysis. H. M. Doran and H. D. Houghton. 2,042,591; June 2.
- Electrolyte. H. Waterman. 2,062,543; Dec. 1.
- Electrolyte for electrolytic condensers. V. Yngve. 2,036,669; Apr. 7.
- Electrolytic bath for depositing chromium. C. Wickenhiser. 2,050,478; Aug. 11.
- Electrolytic condenser. J. B. Brennan. 2,060,022; Nov. 10.
- Electrolytic condenser. S. I. Cole. 2,058,773; Oct. 27.
- Electrolytic condenser. H. I. Danziger. 2,049,691; Aug. 4.
- Electrolytic condenser. P. McK. Deeley. 2,048,922; July 28.
- Electrolytic condenser. H. Emmens, W. C. van Geel, and A. F. P. J. Claassen. 2,039,154; Apr. 28.
- Electrolytic condenser. A. Georgiev. 2,057,094; Oct. 13.
- Electrolytic condenser. R. D. Mershon. 2,040,062; Aug. 4.
- Electrolytic condenser. S. Ruben. 2,050,587; Aug. 11.
- Electrolytic condenser. H. O. Siegmund. 2,033,309; Mar. 10.
- Electrolytic condenser. J. K. Sprague. 2,049,671; Aug. 4.
- Electrolytic condenser. W. F. Straub and H. J. Lemmens. 2,030,122; Feb. 11.
- Electrolytic condenser. A. E. van Arkel and H. J. M. van Embden. 2,042,283; May 26.
- Electrolytic condenser. W. C. van Geel and H. Emmens. 2,029,451; Feb. 4.
- Electrolytic condenser. V. F. Zahodiakin. 2,047,452; July 14.
- Electrolytic deposition of metals. J. Billiter. 2,061,554; Nov. 24.
- Electrolytic device. J. R. T. Craine. 2,051,592; Aug. 18.
- Electrolytic device. J. L. Lotsch. 2,066,154; Dec. 29.
- Electrolytic device. F. R. Rapids. 2,061,591; Nov. 24.
- Electrolytic device. P. Robinson. 2,031,793; Feb. 25.
- Electrolytic device. P. Robinson. 2,057,314-15; Oct. 13.
- Electrolytic device. P. Robinson and J. L. Collins. 2,035,022; Mar. 24.
- Electrolytic device. P. Robinson and C. Shugg. 2,028,564; Jan. 21.
- Electrolytic device. R. C. Sprague and J. F. McCann. 2,064,183; Dec. 15.
- Electrolytic device. H. J. M. van Embden. 2,048,417; July 21.
- Electrolytic device and making same. J. B. Brennan. 2,037,848; Apr. 21.
- Electrolytic process for producing magnesium. W. Moschel. 2,055,359; Sept. 22.
- Electromagnet. F. J. Redmond and J. N. Reynolds. 2,045,409; June 23.
- Electromagnetic apparatus. J. Bethenod and A. Claude. 2,030,957; Feb. 18.
- Electromagnetic brake. E. E. Hewitt. 2,055,106; Sept. 22.
- Electromagnetic brake. E. Rose. 2,053,166; Sept. 1.
- Electromagnetic clutch. A. B. Fuller. 2,039,714; May 5.
- Electromagnetic clutch. H. E. Hodgson. 2,036,477; Apr. 7.
- Electromagnetic contactor. L. Pierce. 2,032,147; Feb. 25.
- Electromagnetic control device. E. S. Bush. 2,054,806; Sept. 22.
- Electromagnetic device. B. M. Leece and D. S. Cole. 2,029,267; Jan. 28.
- Electromagnetic device. P. B. Murphy. 2,034,877; Mar. 24.
- Electromagnetic device. A. Stein. 2,064,700; Dec. 15.
- Electromagnetic device. H. M. Stoller. 2,046,705; July 7.
- Electromagnetic motor. M. P. McCarty. 2,043,386; June 9.
- Electromagnetic pump. J. W. Houston. 2,029,374; Feb. 4.
- Electromagnetic rail brake. C. Stedefeld and W. Black. 2,054,716; Sept. 15.
- Electromagnetic relay. E. G. Stalnaker. 2,056,745; Oct. 6.
- Electromagnetic switch. J. A. Bianco. 2,059,306; Nov. 3.
- Electromagnetic switch. A. H. Lamb. 2,040,389; May 12.
- Electromagnetic switch. R. H. Schmitt. 2,064,632; Dec. 15.
- Electromagnetic talking machine. S. Begun. 2,048,488; July 21.
- Electromagnetic talking machine. S. Begun. 2,058,399; Oct. 27.
- Electromagnetic translating device. J. A. Miller. 2,037,255; Apr. 14.
- Electromagnetic waves, Arrangement adapted to generate ultra short. E. Fetterowsky and H. Lux. 2,031,101; Feb. 18.
- Electromechanical frequency selector. G. L. Davies. 2,050,165; Aug. 4.
- Electromechanical reproducer for gunfire. A. V. Baranoff. 2,042,697; June 2.
- Electromedical treatment, Apparatus for. J. Pätzold and H. Böhm. 2,044,257; June 16.
- Electromusical instrument. V. Gourov. 2,036,691; Apr. 7.
- Electron contact relay. H. J. McCreary. 2,066,211; Dec. 29.
- Electron coupled generator and frequency. J. L. Reinhartz. 2,055,881; Sept. 29.
- Electron discharge apparatus. C. BoI, W. de Groot, and M. J. Druyvesteyn. 2,035,784; Mar. 31.
- Electron discharge apparatus. I. Langmuir. 2,032,620; Mar. 3.
- Electron discharge apparatus. A. E. Lyle. 2,057,305; Oct. 13.
- Electron discharge apparatus. T. M. Shrader. 2,037,396; Apr. 14.
- Electron discharge device. V. O. Allen. 2,063,360; Dec. 8.
- Electron discharge device. E. Brüche. 2,038,341; Apr. 21.
- Electron discharge device. R. W. Carlisle. 2,033,112; Mar. 10.
- Electron discharge device. H. Daene. 2,054,119; Sept. 15.
- Electron discharge device. C. E. Fay. 2,062,301-2; Dec. 1.
- Electron discharge device. M. K. Goldstein. 2,052,617; Sept. 1.
- Electron discharge device. E. W. Herold. 2,036,696; Apr. 7.
- Electron discharge device. F. Herriger. 2,043,659; June 9.
- Electron discharge device. A. S. Hopping. 2,042,057; May 26.
- Electron discharge device. G. Jobst and F. Sammer. 2,064,346; Dec. 15.
- Electron discharge device. J. B. Johnson and H. N. Weinhardt. 2,063,314; Dec. 8.
- Electron discharge device. D. Journeaux. 2,056,609; Oct. 6.
- Electron discharge device. H. Kniepkamp. 2,041,292; May 19.
- Electron discharge device. J. P. Laico. 2,027,180; Jan. 7.
- Electron discharge device. J. P. Laico. 2,062,319; Dec. 1.
- Electron discharge device. J. P. Laico. 2,062,892; Dec. 1.
- Electron discharge device. E. Löpp. 2,045,663; June 30.
- Electron discharge device. J. W. Marden. 2,042,951; June 2.
- Electron discharge device. G. D. O'Neill. 2,054,229; Sept. 15.
- Electron discharge device. R. T. Orth. 2,040,267; May 12.
- Electron discharge device. H. W. Parker. 2,030,930; Feb. 18.
- Electron discharge device. A. L. Pipper. 2,040,530; May 12.
- Electron discharge device. F. W. Reynolds. 2,055,593; Sept. 29.
- Electron discharge device. V. L. Ronci. 2,064,320; Dec. 15.
- Electron discharge device. A. L. Samuel. 2,044,369; June 16.
- Electron discharge device. A. L. Samuel. 2,061,594; Nov. 24.
- Electron discharge device. A. L. Samuel. 2,062,334; Dec. 1.



- Electron discharge device. A. L. Samuel. 2,063,341-2; Dec. 8.
- Electron discharge device. T. M. Shrader. 2,058,834; Oct. 27.
- Electron discharge device. K. Steimel. 2,054,452; Sept. 15.
- Electron discharge device. K. Steimel. 2,056,872; Oct. 6.
- Electron discharge device. H. C. Thompson. 2,035,003; Mar. 24.
- Electron discharge device. W. C. White and T. A. Elder. 2,059,072; Oct. 27.
- Electron discharge device and anode therefor. G. M. Dinnick. 2,042,929; June 2.
- Electron discharge device and support therefor. B. Salzberg. 2,034,422; Mar. 17.
- Electron discharge device control system. C. Brynhildsen and E. Kern. 2,026,771; Jan. 7.
- Electron discharge device control system. E. Kern. 2,028,706; Jan. 21.
- Electron discharge device, Magnetically controlled. H. E. Hollmann. 2,054,126; Sept. 15.
- Electron discharge device, Operating an. H. Rothe. 2,058,829; Oct. 27.
- Electron discharge device, Shielded. W. Kautter and H. O. Roosenstein. 2,062,663; Dec. 1.
- Electron discharge device system. A. Leuthold. 2,056,610; Oct. 6.
- Electron discharge tube. H. Cohn. 2,042,506; June 2.
- Electron discharge tube. J. H. O. Harries. 2,045,527; June 23.
- Electron discharge tube. G. Jobst. 2,038,738; Apr. 28.
- Electron discharge tube. G. Jobst. 2,052,712; Sept. 1.
- Electron discharge tube. G. Jobst and F. Sammer. 2,051,950; Aug. 25.
- Electron discharge tube. W. L. Krahle. 2,042,607; June 2.
- Electron discharge tube. D. Prinz. 2,061,387; Nov. 17.
- Electron discharge tube. H. O. Roosenstein, W. Kautter, and H. Rothe. 2,029,391; Feb. 4.
- Electron discharge tube. H. Rothe. 2,048,409; July 21.
- Electron discharge tube. J. van der Mark. 2,032,781; Mar. 3.
- Electron discharge tube and circuit arrangement. K. Steimel. 2,031,137; Feb. 18.
- Electron emission control arrangement. W. van B. Roberts. 2,052,725; Sept. 1.
- Electron emission device. H. S. Cooper. 2,061,755; Nov. 24.
- Electron emitter. J. R. Wilson, J. T. Acker, and C. D. Hartman. 2,041,802; May 26.
- Electron emitter, Coating an. H. M. Lang and A. H. Rosenbaum. 2,053,090; Sept. 1.
- Electron streams, Control of. H. C. Ressler and M. P. Wilder. 2,060,825; Nov. 17.
- Electron tube. E. Brüche. 2,034,174; Mar. 17.
- Electron tube. E. Brüche. 2,044,347; June 16.
- Electron tube. E. A. Fritz. 2,051,081; Aug. 18.
- Electron tube. C. W. Hansell. 2,066,037; Dec. 29.
- Electron tube. G. Jobst and H. Rothe. 2,045,656; June 30.
- Electron tube. M. H. Loughridge. 2,048,129; July 21.
- Electron tube. H. B. McElrath. 2,032,545; Mar. 3.
- Electron tube. F. Michelssen. 2,058,482; Oct. 27.
- Electron tube and circuit therefor. H. F. Elliott. 2,045,982; June 30.
- Electron tube apparatus. R. P. Ballou. 2,027,510; Jan. 14.
- Electron tube control for reversible motive means. A. S. Riggs. 2,047,984; July 21.
- Electron tube cooling system. N. E. Lindenblad. 2,045,659; June 30.
- Electron tube system. S. Y. White. 2,032,193; Feb. 25.
- Electron tubes, in a retarding field circuit arrangement. R. Urtel. 2,034,011; Mar. 17.
- Electronic device. A. A. Thomas. 2,052,542; Aug. 25.
- Electronic distributor. W. G. H. Finch. 2,057,773; Oct. 20.
- Electronic indicating device. W. T. Gibson and D. H. Black. 2,059,575; Nov. 3.
- Electronic relay. F. H. Gulliksen. 2,030,107; Feb. 11.
- Electronic tube. G. Solomon. 2,040,883; May 19.
- Electronic tube system. J. M. Schmierer. 2,040,341; May 12.
- Electronic vacuum tube. A. A. Thomas. 2,037,352; Apr. 14.
- Electronic vacuum tube. A. A. Thomas. 2,064,865; Dec. 22.
- Electrooptical image production. H. E. Ives. 2,034,760; Mar. 24.
- Electrooptical image production. H. E. Ives and R. C. Mathes. 2,058,832; Oct. 27.
- Electrooptical image production. R. C. Mathes. 2,058,898; Oct. 27.
- Electrooptical scanning system. H. E. Ives. 2,064,475; Dec. 15.
- Electrooptical system. A. D. Dowd. 2,041,822; May 26.
- Electrooptical system. F. Gray. 2,031,598; Feb. 25.
- Electrooptical system. F. Gray. 2,063,998; Dec. 15.
- Electrooptical system. J. R. Hefele. 2,037,166; Apr. 14.
- Electrooptical system. J. W. Horton. 2,031,952; Feb. 25.
- Electrooptical system. H. E. Ives. 2,037,167; Apr. 14.
- Electrooptical system. H. E. Ives. 2,052,298; Aug. 25.
- Electrooptical system. H. E. Ives and F. Gray. 2,037,471; Apr. 14.
- Electrooptical system. R. F. Mallina. 2,049,917; Aug. 4.
- Electrooptical system. H. Nyquist. 2,031,728; Feb. 25.
- Electrooptical system. J. J. Rogan. 2,055,088; Sept. 22.
- Electrooptical testing device for timepieces. A. Disteli. 2,055,231; Sept. 22.
- Electroplating. A. F. Reilly. 2,060,530; Nov. 10.
- Electroplating apparatus. E. Ericksson. 2,055,070; Sept. 22.
- Electroplating machine, Automatic. A. H. Hannon. 2,030,984; Feb. 18.
- Electroplating machine, Straight line. A. H. Hannon. 2,055,745; Sept. 29.
- Electroplating zinc on cadmium zinc alloys. E. C. Domm. 2,038,551; Apr. 28.
- Electropneumatic brake. B. S. Aikman. 2,061,888; Nov. 24.
- Electropneumatic brake. G. W. Baughman. 2,061,890; Nov. 24.
- Electropneumatic brake. D. F. Brown. 2,065,209; Dec. 22.
- Electropneumatic brake. C. A. Campbell. 2,040,976; May 19.
- Electropneumatic brake. J. F. Craig. 2,032,167; Feb. 25.
- Electropneumatic brake. C. C. Farmer. 2,058,008; Oct. 20.
- Electropneumatic brake. J. W. Logan, Jr. 2,052,202; Aug. 25.
- Electropneumatic brake. J. C. McCune. 2,039,733; May 5.
- Electropneumatic brake. J. C. McCune. 2,042,115; May 26.
- Electropneumatic brake. R. E. Miller and P. L. Crittenden. 2,052,190; Aug. 25.
- Electropositive composition and making same. A. B. Cummins. 2,036,258; Apr. 7.
- Electroresponsive apparatus. R. Wideröe. 2,027,214; Jan. 7.
- Electroresponsive device. R. W. Goff. 2,064,656; Dec. 15.
- Electroresponsive device. H. M. Stevens. 2,029,137; Jan. 28.
- Electrostatic cleaning device. N. R. Bernz. 2,060,018; Nov. 10.
- Electrostatic condenser. P. G. Jacobson. 2,041,186; May 19.
- Electrostatic device. F. Hauße and C. Fröhmer. 2,032,932; Mar. 3.
- Electrostatically charging materials, Device for. H. Barthel. 2,049,940; Aug. 4.
- Electrothermally operated valve. J. V. Giesler and W. B. Mackintosh. 2,044,427; June 16.
- Electrothermostatic apparatus. T. J. Smulski. 2,063,705; Dec. 8.
- Elements for slide fasteners, Manufacture of. F. Ulrich. 2,060,141; Nov. 10.
- Elevator: See—  
 Air water elevator. Slip elevator.  
 Door type slip elevator. Well elevator.  
 Hydraulic material elevator.
- Elevator. J. T. Austin. 2,052,690; Sept. 1.
- Elevator. J. Cochran. 2,060,753; Nov. 10.
- Elevator. E. H. Johnson. 2,038,047; Apr. 21.
- Elevator. L. B. Neighbour. 2,026,794; Jan. 7.
- Elevator apparatus. M. B. McLaughlin. 2,028,405; Jan. 21.
- Elevator car control. H. R. Cullmer. 2,060,283; Nov. 10.
- Elevator construction. Slip. H. E. Grau, C. A. Lundeen and G. E. Mullinix. 2,065,130; Dec. 22.
- Elevator construction. Slip. C. A. Lundeen. 2,065,140; Dec. 22.
- Elevator control device. J. Rice. 2,044,447; June 16.
- Elevator control system. E. M. Bouton, W. A. Clark, and H. W. Williams. 2,046,722; July 7.
- Elevator control system. E. M. Bouton and H. W. Williams. 2,046,721; July 7.
- Elevator control system. A. Pinto and R. A. Waite. 2,040,184; May 12.
- Elevator control system. H. W. Williams. 2,064,045; Dec. 15.
- Elevator for conveyer systems. C. S. Larson and W. A. Kuebler. 2,048,938; July 28.
- Elevator for external upset pipe. H. E. Grau and C. A. Lundeen. 2,053,284; Sept. 8.
- Elevator for liquids for feeding fuel to automobile engines. L. Guichard. 2,062,709; Dec. 1.
- Elevator for wheeled vehicles. B. Wenzel. 2,036,006; Mar. 31.
- Elevator guide. S. B. Sanford. 2,057,118; Oct. 13.
- Elevator operating apparatus. E. B. Thurston, J. A. Brubaker, and F. F. Turner. 2,062,432; Dec. 1.
- Elevator push button switch. S. B. Sanford and D. C. Larson. 2,051,654; Aug. 18.
- Elevator safety device. F. Hymans. 2,031,043; Feb. 18.
- Elevator safety device. A. Porcelli. 2,039,606; May 5.
- Elevator signal apparatus. J. C. Tamsitt. 2,039,568; May 5.
- Elevator signal system. M. N. Farch. 2,039,479; May 5.
- Elevator system. E. L. Dunn. 2,032,475; Mar. 3.
- Elevator system. H. F. Krantz. 2,052,634; Sept. 1.
- Elevator system. D. C. Larson. 2,064,170; Dec. 15.
- Elevator system, Electric. G. B. Grosvenor. 2,036,629; Apr. 7.
- Elevator system, One-way. F. Miller. 2,028,620; Jan. 21.
- Elevator yoke. F. J. Young. 2,043,460; June 9.
- Elongation testing machine. O. F. Freeland. 2,033,622-4; Mar. 10.



- Embalming apparatus. O. F. and G. J. Brosh. 2,060,925; Nov. 17.
- Embalming composition. H. I. Jones. 2,048,008; July 21.
- Emblem. F. Weindel, Jr. 2,042,416; May 26.
- Embossing apparatus. J. J. Braund. 2,029,651; Feb. 4.
- Embossing apparatus. R. R. Hunt. 2,058,880; Oct. 27.
- Embossing, Method of and apparatus for. S. Kauffman and G. C. Doss. 2,060,577; Nov. 10.
- Embroiderer. D. Litsey. 2,066,116; Dec. 29.
- Embroidering machine. M. Bretschneider. 2,030,495; Feb. 11.
- Embroidering machine, Rotary. C. A. Kaiser. 2,037,725; Apr. 21.
- Embroidery machine. A. Chiti. 2,042,590; June 2.
- Embroidery machine. V. Zwicker. 2,033,367; Mar. 10.
- Emergency shut-off valve. C. E. Anderson. 2,034,390; Mar. 24.
- Emergency tire chain. F. Kunz and S. A. Minery. 2,053,953; Sept. 8.
- Emergency valve, Multiple-operated. K. Watson. 2,038,619; Apr. 28.
- Emergency wheel. H. J. Finke, Jr. 2,031,257; Feb. 18.
- Emplacing member for gun carriages and mounts. G. M. Barnes. 2,030,051; Feb. 11.
- Empty and load brake. C. C. Farmer. 2,039,713; May 5.
- Emulsification, Apparatus for. G. C. Hurrell. 2,036,810; Apr. 7.
- Emulsification process. R. Hueter. 2,054,257; Sept. 15.
- Emulsified compounds, Process of burning. R. H. Russell. 2,033,010; Mar. 3.
- Emulsifier. F. H. Clickner. 2,030,965; Feb. 18.
- Emulsifying apparatus. T. H. Alfreds. 2,026,604; Jan. 7.
- Emulsifying apparatus. C. F. Chapman. 2,033,412; Mar. 10.
- Emulsifying device. H. C. Johnson. 2,041,068; May 19.
- Emulsifying machine. C. E. Greener. 2,030,251; Feb. 11.
- Emulsifying method. C. F. Chapman. 2,033,413; Mar. 10.
- Emulsion. B. R. Harris. 2,052,025-6; Aug. 25.
- Emulsion. W. C. O'Kane. 2,041,264; May 19.
- Emulsion. G. W. Rigby. 2,047,225; July 14.
- Emulsion, Bituminous. J. B. Small. 2,027,404; Jan. 14.
- Emulsion for surfacing roads. R. J. Lacau. 2,040,208; May 12.
- Emulsion oil composition. A. W. Burwell and A. Kempe. 2,043,922; June 9.
- Emulsion, Print-out. G. E. Fallesen and C. J. Staud. 2,030,860; Feb. 18.
- Emulsions. G. J. Manson. 2,030,385; Feb. 11.
- Emulsions and apparatus for carrying out such method, Breaking. G. L. Hassler. 2,045,465; June 23.
- Emulsions and preparing the same, Stable bituminous. V. E. Watts. 2,040,115; May 12.
- Emulsions, Bituminous. L. Kirschbraun. 2,061,076; Nov. 17.
- Emulsions, Making. T. Robinson. 2,055,612; Sept. 29.
- Emulsions, Method and apparatus for breaking. H. C. Eddy. 2,034,285; Mar. 17.
- Emulsions, Method and apparatus for electrically treating. H. C. Eddy. 2,033,420; Mar. 10.
- Emulsions, Method and apparatus for treating. C. F. Kiech. 2,061,197; Nov. 17.
- Emulsions of oil and water, Breaking. T. B. Wayne. 2,050,640; Aug. 11.
- Emulsions of oil and water, Breaking and resolving of. T. B. Wayne. 2,050,639; Aug. 11.
- Emulsions of resins of the polyhydric alcohol polybasic acid type and the application thereof. W. Baird. 2,035,520; Mar. 31.
- Emulsions, Preventing foaming of. H. E. Buc. 2,052,164; Aug. 25.
- Emulsions, Separating. W. Woelflin. 2,047,989; July 21.
- Enamel and making same, Vitreous. C. J. Kinzie. 2,063,252; Dec. 8.
- Enamel and making, Wrinkle finish. C. R. Bragdon. 2,048,632; July 21.
- Enamel, Baking. A. N. Parrett. 2,047,797; July 14.
- Enamel, Baking. S. J. Roskosky. 2,047,889; July 14.
- Enamel coating for cans. S. C. Shirley. 2,055,507; Sept. 29.
- Enamel dispersions, Vitreous. R. S. Bley. 2,053,209; Oct. 20.
- Enamel opacifier, Vitreous. W. J. Harshaw and W. D. Stillwell. 2,033,707; Mar. 10.
- Enamel spraying apparatus. A. Ziska and J. K. Marshall. 2,048,912; July 28.
- Enamel to can ends, Applying a protective. A. L. Kronquest. 2,046,197; June 30.
- Enamel ware manufacture, Continuous. H. T. Bebb. 2,035,363; Mar. 24.
- Enamelware, Production of. J. E. Rosenberg. 2,043,559; June 9.
- Enameling. W. G. Martin. 2,039,178; Apr. 28.
- Enameling machine. C. S. Larson. 2,048,937; July 28.
- Encased reel. J. R. Doherty. 2,063,662; Dec. 8.
- Enclosure for beds. R. V. Riley. 2,035,343; Mar. 24.
- Enclosure for electrical devices. F. F. Looch. 2,063,099; Dec. 8.
- Enclosure for flexible connections. W. J. Belcher. 2,045,565; June 30.
- Enclosure, Heating, cooling, and ventilating seated. R. H. Mautsch. 2,065,192; Dec. 22.
- Enclosures in envelopes, Mechanism for assembling and inserting. E. P. Donnellan. 2,058,005; Oct. 20.
- End-closing container, Knock-down polygonal webbed. A. J. Weiss. 2,031,806; Feb. 25.
- End connection for flat metal strip guard rails. A. E. Brickman and G. A. Gleason. 2,051,465; Aug. 18.
- End construction for mine cars. R. A. Shields. 2,065,759; Dec. 29.
- End construction, Front. E. E. Lundberg. 2,043,050; June 2.
- End detector for knitting machines. J. Wachsman. 2,056,307; Oct. 6.
- End fitting for mast arms. J. T. Seyler. 2,054,887; Sept. 22.
- Endgate, Detachable. J. R. Hansen. 2,049,295; July 28.
- End matching device for rolling mill packs. T. W. Allsworth. 2,065,880; Dec. 29.
- End plate mechanism for roller mills. E. P. Peters. 2,037,390; Apr. 14.
- End-welding, Apparatus for. J. D. Crecca and S. S. Scott. 2,057,670; Oct. 20.
- Endless conveyer band filter. M. Lamort. 2,043,181; June 2.
- Endless conveyer for driers. J. A. Hogg. 2,037,904; Apr. 21.
- Endless film reel. H. Heinis. 2,042,599; June 2.
- Endless tread machine. B. H. Flynn. 2,063,238; Dec. 8.
- Ends of tubular members for a welded joint, Preparing the. C. M. Houston. 2,042,100; May 26.
- Energy, Method and apparatus for the storage of. A. T. Stuart. 2,036,613; Apr. 7.
- Energy of a falling body, Absorbing the. W. A. Gibson. 2,035,367; Mar. 24.
- Energy translating system. P. E. Stogoff. 2,032,958; Mar. 3.
- Engine: See—
- |   |                                      |
|---|--------------------------------------|
| Air cooled engine.                          | Rotary combustion engine.            |
| Ball crank engine.                          | Rotary engine.                       |
| Beating engine.                             | Rotary explosive engine.             |
| Combustion engine.                          | Rotary gasoline engine.              |
| Diesel engine.                              | Single sleeve-valve engine.          |
| Fire engine.                                | Steam engine.                        |
| Fluid engine.                               | Steam locomotive engine.             |
| Fuel-injection compression-ignition engine. | Terminal combustion engine.          |
| High compression engine.                    | Two-cycle combustion engine.         |
| Injection internal combustion engine.       | Two-cycle engine.                    |
| Internal combustion engine.                 | Two-stroke combustion engine.        |
| Oil engine.                                 | Two-stroke engine.                   |
| Opposed piston engine.                      | Two stroke piston-controlled engine. |
| Reciprocating engine.                       | V-type 2-cycle engine.               |
| Reciprocating piston engine.                | Welded steel engine.                 |
| Rocket engine.                              |                                      |
- Engine. W. O. Bechman. 2,028,310; Jan. 21.
- Engine. C. W. Dake. 2,056,567; Oct. 6.
- Engine. C. Gardner. 2,050,603; Aug. 11.
- Engine. W. G. Gernandt. 2,061,571; Nov. 24.
- Engine. J. W. Hatfield. 2,052,765; Sept. 1.
- Engine. H. Junkers. 2,031,318; Feb. 18.
- Engine. L. P. Kalb and H. H. Timian. 2,034,397; Mar. 17.
- Engine. J. W. Kinnucan and J. O. Fink. 2,030,213; Feb. 11.
- Engine. W. F. Logan. 2,059,802; Nov. 3.
- Engine. V. P. McVoy. 2,040,865; May 19.
- Engine. A. J. Meyer. 2,034,409-10; Mar. 17.
- Engine. A. J. Meyer. 2,039,103; Apr. 28.
- Engine. A. J. Meyer. 2,043,111; June 2.
- Engine. A. J. Meyer. 2,048,018; July 21.
- Engine. A. J. Meyer. 2,062,369; Dec. 1.
- Engine. A. J. Meyer. 2,065,602; Dec. 29.
- Engine. H. Morreau. 2,050,578; Aug. 11.
- Engine. M. J. Murphy. 2,033,350; Mar. 10.
- Engine. L. W. Rich. 2,032,952; Mar. 3.
- Engine. P. L. Scott. 2,046,003; June 30.
- Engine. P. L. Scott. 2,048,223; July 21.
- Engine. C. A. Simpson. 2,042,364; May 26.
- Engine. H. H. Timian. 2,043,079; June 2.
- Engine. H. H. Timian. 2,049,596; Aug. 4.
- Engine. H. H. Timian and E. R. Jacoby. 2,065,630; Dec. 29.
- Engine. E. T. Vincent. 2,031,871; Feb. 25.
- Engine. E. T. Vincent. 2,043,080; June 2.
- Engine. C. A. Winslow. 2,031,242; Feb. 18.
- Engine. R. D. Young. 2,063,970; Dec. 15.
- Engine accessory. A. Copony. 2,028,826; Jan. 28.
- Engine accessory drive. H. Schneider. 2,035,096; Mar. 24.
- Engine and automatic control therefor, Internal combustion. W. A. Robinson. 2,030,939; Feb. 18.
- Engine and cooling apparatus therefor, Internal combustion. O. D. Treiber. 2,037,354; Apr. 14.
- Engine and fuel injection device, Injection. O. H. Ensign. 2,062,644; Dec. 1.
- Engine and fuel pump apparatus therefor, Internal combustion. O. D. Treiber. 2,039,942; May 5.
- Engine and gun assembly, Aircraft. M. Birkigt. 2,053,691; Sept. 8.
- Engine and operating same, Internal combustion. R. N. Du Bois. 2,047,998; July 21.
- Engine and operating same, Internal combustion. A. J. Meyer. 2,065,600; Dec. 29.
- Engine bed for railway cars. M. P. Blomberg. 2,056,229; Oct. 6.
- Engine breather. H. S. Eberhard. 2,034,134; Mar. 17.
- Engine charges, Forming and controlling combustion. H. Schmitt. 2,036,834; Apr. 7.



- Engine compressor, Free piston. H. Jänicke. 2,028,331; Jan. 21.
- Engine construction. G. J. Wobanka. 2,033,601; Mar. 10.
- Engine construction, Rotary. C. Bancroft. 2,061,131; Nov. 17.
- Engine control. R. Blue. 2,058,401; Oct. 27.
- Engine control apparatus. C. I. McNeil. 2,061,164; Nov. 17.
- Engine control, Motor vehicle. L. A. Summers. 2,040,716; May 12.
- Engine cooling means. J. M. Shoemaker. 2,049,751; Aug. 4.
- Engine cooling system. W. F. Davis. 2,037,708; Apr. 21.
- Engine cooling system. A. L. MacClain. 2,031,541; Feb. 18.
- Engine cranking mechanism, Automobile. M. S. O'Brien. 2,041,479; May 19.
- Engine cylinder. F. B. Stearns. 2,056,056; Sept. 29.
- Engine cylinder grinding machine. J. Sunnen. 2,040,281; May 12.
- Engine cylinder turbulence, Effecting. F. B. Stearns. 2,049,630; Aug. 4.
- Engine "Diesel", Internal combustion. H. Pokorney. 2,029,941; Feb. 4.
- Engine-electric power unit, Internal combustion. C. Schaer. 2,055,209; Sept. 22.
- Engine especially for fluid gears, Rotary piston. E. Sturm. 2,049,092; July 28.
- Engine fed with heavy fuels, Internal combustion. A. Bagnolo. 2,065,419; Dec. 22.
- Engine fuel pump, Hydrocarbon. L. H. Haney. 2,028,208; Jan. 21.
- Engine in which the fuel is preheated, Internal combustion. O. Simmen. 2,028,527; Jan. 21.
- Engine installations, Combined reciprocating and turbine. S. S. Cook. 2,045,322; June 23.
- Engine of opposed piston type. H. Schneider and P. C. Brooks. 2,054,232; Sept. 15.
- Engine of the liquid fuel injection compression ignition type, Internal combustion. H. R. Ricardo. 2,058,827; Oct. 27.
- Engine of the liquid fuel injection compression ignition type, Internal combustion. H. R. Ricardo. 2,065,025; Dec. 22.
- Engine of the liquid fuel injection type, Internal combustion. H. R. Ricardo. 2,037,339; Apr. 14.
- Engine of the liquid fuel injection type, Internal combustion. H. R. Ricardo. 2,066,228; Dec. 29.
- Engine of the two-stroke type, Internal combustion. D. G. Mackenzie. 2,042,722; June 2.
- Engine or motor. H. D. Rice, Jr., and J. M. Babb. 2,043,518; June 9.
- Engine or pump. W. O. Worth. 2,054,110; Sept. 15.
- Engine pressure indicator. K. J. DeJuhasz. 2,040,082; May 12.
- Engine priming device. R. B. Bukolt. 2,044,277; June 16.
- Engine, pump and the like, Rotary. J. Fareso, Sr. 2,041,121; May 19.
- Engine scavenging system, Internal combustion. E. Luchsinger. 2,043,296; June 9.
- Engine starting apparatus. R. Chilton. 2,038,163; Apr. 21.
- Engine starting apparatus. R. Chilton. 2,048,057; July 21.
- Engine starting apparatus. J. B. Dyer. 2,046,730; July 7.
- Engine starting apparatus. J. B. Dyer. 2,065,889; Dec. 29.
- Engine starting apparatus. R. P. Lansing. 2,030,882; Feb. 18.
- Engine starting apparatus. R. P. Lansing. 2,031,781; Feb. 25.
- Engine starting apparatus. R. P. Lansing and R. M. Nardone. 2,043,623; June 9.
- Engine starting apparatus. R. M. Nardone. 2,041,141; May 19.
- Engine starting apparatus. C. O. Nygren. 2,041,722; May 26.
- Engine starting device. H. W. Harty. 2,055,976; Sept. 29.
- Engine starting device. N. Herzmark. 2,035,161; Mar. 24.
- Engine starting device. W. J. Ryan. 2,032,953; Mar. 3.
- Engine starting device. L. Weglein, Jr. 2,052,007; Aug. 25.
- Engine starting mechanism. J. Gartner. 2,048,064; July 21.
- Engine starting mechanism. T. E. Kitley. 2,035,708; Mar. 31.
- Engine starting mechanism. R. P. Lansing. 2,031,782; Feb. 25.
- Engine starting mechanism. R. P. Lansing. 2,047,078; July 7.
- Engine starting mechanism. R. P. Lansing. 2,048,075; July 21.
- Engine starting mechanism. F. Linder. 2,029,243; Jan. 28.
- Engine starting mechanism. F. Linder. 2,057,386; Oct. 13.
- Engine starting mechanism. R. M. Nardone. 2,038,191; Apr. 21.
- Engine starting mechanism. C. O. Nygren. 2,041,723; May 26.
- Engine support. J. P. Smith. 2,044,920; June 23.
- Engine temperature control, Marine. F. O. Fernstrum. 2,060,187; Nov. 10.
- Engine valve gear. L. R. C. Cossart. 2,064,293; Dec. 15.
- Engine valve, Internal combustion. V. F. Zahodiakin. 2,032,162; Feb. 25.
- Engine valve operating mechanism. R. K. Lee. 2,055,454; Sept. 22.
- Engine with combined admission and exhaust valve gear, Four-stroke-cycle. A. L. Cases. 2,045,122; June 23.
- Engine with reciprocating blade, Internal combustion. R. A. Babel. 2,053,017; Sept. 1.
- Engines, Apparatus for controlling. E. A. Rockwell and S. M. Fairchild. 2,062,824; Dec. 1.
- Engines, Apparatus for starting internal combustion. O. Simmen. 2,054,525; Sept. 15.
- Engines, Cooling of motor car. F. Nallinger. 2,050,451; Aug. 11.
- Engines, Maneuvering control for reversible. E. Rathbun. 2,040,333; May 12.
- Engines, Method and means to run carburetor internal combustion. N. G. A. Gustafsson. 2,059,334; Nov. 3.
- Engines on fuel of low volatility, Apparatus for and process of operating internal combustion. A. Moore. 2,028,989; Jan. 28.
- Engines, Operation of internal combustion. D. T. O'Sullivan. 2,064,561; Dec. 15.
- Engines, Scavenging and super-charging two-cycle. F. B. Stearns. 2,056,057; Sept. 29.
- Engines, Scavenging of two-cycle. E. S. Dennison. 2,051,469; Aug. 18.
- Engines, Starting internal combustion. M. A. Caserta. 2,056,710; Oct. 6.
- Engines, Supercharging internal combustion. S. Winters. 2,033,166; Mar. 10.
- Engines, System for charging internal combustion. M. A. Lauret. 2,034,144; Mar. 17.
- Engines, Testing device for internal combustion. P. G. Turner. 2,030,727; Feb. 11.
- Engraved patterns for silverware and the like, Producing. H. M. Ballou. 2,032,039; Feb. 25.
- Engraving or pattern reproducing mechanism. R. Kremer and R. Cummins. 2,034,240; Mar. 17.
- Engraving process and etching resist. W. Howey. 2,062,028; Nov. 24.
- Enlargement apparatus with automatic focusing device. C. Luz. 2,043,970; June 9.
- Enolic sulphuric esters of hydroindanthrones, Manufacture of new. D. A. W. Fairweather and R. F. Thomson. 2,041,402; May 19.
- Ensilage cutter. C. E. Everett. 2,047,410; July 14.
- Ensilage distributor. H. A. Teisberg. 2,040,506; May 12.
- Entrichitic substances, Producing. J. Waddell. 2,056,992; Oct. 13.
- Entrainment separator for fractionating towers. J. H. Puls. 2,055,048; Sept. 22.
- Entrance enclosure structure. L. G. Jacobson. 2,043,174; June 2.
- Envelope. E. B. Berkowitz. 2,049,729; Aug. 4.
- Envelope. E. B. Berkowitz. 2,055,716; Sept. 29.
- Envelope. E. B. Berkowitz. 2,062,776; Dec. 1.
- Envelope. J. A. Chadbourne. 2,056,132; Sept. 29.
- Envelope. R. P. Drake. 2,037,504; Apr. 14.
- Envelope. V. E. Heywood. 2,051,711; Aug. 18.
- Envelope. G. H. Kennedy, Jr. 2,026,837; Jan. 7.
- Envelope. A. Lewis. 2,056,472; Oct. 6.
- Envelope. W. G. Schram and F. C. Birchall. 2,041,434; May 19.
- Envelope. A. Walton, Jr. 2,060,149; Nov. 10.
- Envelope case. J. H. Plotkin. 2,053,630; Sept. 8.
- Envelope fastener. A. Novick. 2,053,491; Sept. 8.
- Envelope fastener and making and applying the same. A. Novick. 2,053,490; Sept. 8.
- Envelope feed mechanism. L. A. Cherry and C. N. Fuller. 2,038,645; Apr. 28.
- Envelope flap opening and moistening device. J. Q. Finck. 2,028,277; Jan. 21.
- Envelope for electric discharge devices. H. Cheney and L. J. Davies. 2,042,143; May 26.
- Envelope for gas cells. M. Hagedorn and A. Jung. 2,036,526; Apr. 7.
- Envelope for letters. O. P. F. Nigoul. 2,044,541; June 16.
- Envelope, Garment. S. Reich. 2,054,661; Sept. 15.
- Envelope, Illustrated letter. U. Sorrentino. 2,052,729; Sept. 1.
- Envelope machine. L. C. Pearce. 2,045,490; June 23.
- Envelope making machine. H. Wolff. 2,056,336; Oct. 6.
- Envelope moistening device. K. and P. Gommel. 2,052,820; Sept. 1.
- Envelope opening machine. A. J. Keiser. 2,027,045; Jan. 7.
- Envelope, Paper. E. E. Perkins. 2,032,067; Feb. 25.
- Envelope sealing machine. W. H. Bryson. 2,061,546; Nov. 24.
- Envelope, Series. I. Masterson and H. Dorman. 2,028,341; Jan. 21.
- Envelope, Shirt. L. Blumenstock. 2,039,383-4; May 5.
- Envelope structure. A. V. Holloway. 2,030,634; Feb. 11.
- Envelopes and machine therefor, Manufacture of. V. E. Heywood. 2,048,069; July 21.
- Envelopes, bags, or other containers, Manufacture of. A. Novick. 2,060,821; Nov. 17.
- Envelopes, bags, or other containers, Manufacture of. A. Novick. 2,061,004; Nov. 17.
- Envelopes with pasted-in windows, Mechanism for the manufacture of. A. Winkler and M. Dünnebieer. 2,051,510; Aug. 18.



- Enveloping machine. M. Vierengel. 2,064,997; Dec. 22.
- Epinephrine-type compound, and stabilizing it, Stabilized. M. S. Kharasch. 2,047,144; July 7.
- Epsom salt crystals, Producing uniform. T. W. Langer. 2,034,685; Mar. 17.
- Equalizer for two-part beds. S. Krakauer and S. S. Marcus. 2,056,727; Oct. 6.
- Equalizer system. A. Wallace. 2,060,750; Nov. 10.
- Equalizing and spring system. H. Glaenger and A. Wallace. 2,038,560; Apr. 28.
- Equipment for spinning machinery. M. F. Haas. 2,045,079; June 23.
- Eraser. J. Glendinning. 2,038,354; Apr. 21.
- Eraser. J. Meilner. 2,054,163; Sept. 15.
- Eraser. E. A. Sell. 2,029,000; Jan. 28.
- Eraser device. R. S. Henderson. 2,046,743; July 7.
- Eraser holder, Pencil attached. J. J. Woessner. 2,045,431; June 23.
- Eraser, Metallic ink. W. J. Staples. 2,057,984; Oct. 20.
- Ergot alkaloids, Solution of. W. G. Christiansen and J. Lee. 2,033,921; Mar. 17.
- Ergot preparation and obtaining the same. A. McCrea. 2,056,360; Oct. 6.
- Error indicator for open-wire circuits. L. C. Roberts. 2,037,150; Apr. 14.
- Escalator. K. H. W. Herker. 2,039,994; May 5.
- Escapement device. F. Eibert. 2,063,371; Dec. 8.
- Escapement device for paper carriages of typewriters. F. Eibert. 2,046,731; July 7.
- Escutcheon, Door handle. L. A. Menges. 2,052,053; Aug. 25.
- Ester composition containing phenyl propionate, Cellulose organic. H. B. Smith. 2,051,535; Aug. 18.
- Ester compositions containing phenyl cyclohexane, Cellulose organic. H. B. Smith. 2,051,536; Aug. 18.
- Esterification process. W. J. Bannister. 2,029,694; Feb. 4.
- Esterification process. A. Hoche. 2,046,821; July 7.
- Esters. R. E. Thomas. 2,062,950; Dec. 1.
- Esters and products thereof, Production of unsaturated. H. P. A. Groll and G. Hearne. 2,042,221; May 26.
- Esters, Dehydrating. G. T. Reich. 2,031,669; Feb. 25.
- Esters from halogenated paraffins. W. E. Lawson. 2,049,207; July 28.
- Esters, Hydrogenated. N. D. Scott. 2,065,756; Dec. 29.
- Esters, Hydrolysis of organic. H. Dreyfus. 2,058,574; Oct. 27.
- Esters, Making chlorhydrin. C. G. Harford. 2,054,814; Sept. 22.
- Esters of abietic acid, Hydrogenation of. D. C. Butts. 2,042,585; June 2.
- Esters of alicyclic carboxylic acids, Ether alcohol. H. J. Barrett and E. F. Izard. 2,063,144; Dec. 8.
- Esters of aliphatic acids, Manufacture of. H. M. Guinot. 2,053,029; Sept. 1.
- Esters of boric acid. F. W. Johnson. 2,040,997; May 19.
- Esters of carboxylic acids and their production, Napthenyl. H. J. Barrett and W. A. Lazier. 2,047,664; July 14.
- Esters of carboxylic acids and their production, Vinyl. W. Reppe. 2,066,075; Dec. 29.
- Esters of cellulose, Making organic. C. Dreyfus and G. Schneider. 2,044,776; June 23.
- Esters of cellulose, Precipitation of mixed. C. J. Malm. 2,030,883; Feb. 18.
- Esters of cellulose, Preparation of high viscosity mixed. C. J. Malm. 2,026,986; Jan. 7.
- Esters of cellulose, Preparing fibrous. W. O. Kenyon and G. P. Waugh. 2,033,716; Mar. 10.
- Esters of cellulose, Treating organic. A. Dobry. 2,059,934; Nov. 3.
- Esters of cellulose, Treating organic. C. Dreyfus and G. Schneider. 2,028,763; Jan. 28.
- Esters of dihydronaphthalene-dicarboxylic acids and making the same. N. D. Scott. 2,060,829; Nov. 17.
- Esters of dithiocarbamic acids and making, Thiazyl. J. Teppema. 2,054,453; Sept. 15.
- Esters of esterified glycolic acids. W. Lübbert and E. L. Müller. 2,027,991; Jan. 14.
- Esters of levulinic acid, Manufacture of. G. J. Cox and M. L. Dodds. 2,029,412; Feb. 4.
- Esters of methacrylic acid, Manufacture of. W. Cocker, J. S. H. Davies, and R. Hill. 2,054,242; Sept. 15.
- Esters of methacrylic acid, Production of. J. W. C. Crawford. 2,042,458; June 2.
- Esters of methacrylic acid, Production of. J. W. C. Crawford. 2,056,771; Oct. 6.
- Esters of N-P-aminoaryl-carbamic acids and producing the same. R. E. Etzelmler. 2,026,618; Jan. 7.
- Esters of phenylcarbamic acid. T. H. Rider. 2,033,740; Mar. 10.
- Esters of phosphoric acid, Producing neutral. K. Buchheim. 2,059,084; Oct. 27.
- Esters of polycarboxylic acids and making the same, Alicyclic carbinol. H. J. Barrett and W. A. Lazier. 2,047,663; July 14.
- Esters of polyhydroxy substances, Sulphonated higher unsaturated carboxylic. B. R. Harris. 2,029,168; Jan. 28.
- Esters of strong acids with anthra pyrimidines, Production of compounds of. K. Koeberle. 2,055,933; Sept. 29.
- Esters of sulphodicarboxylic acids. A. O. Jaeger. 2,028,091; Jan. 14.
- Esters of sulphonated carboxylic acids. H. Bertsch. 2,032,314; Feb. 25.
- Esters of synthetic origin, Producing edible fatty. H. D. Royce. 2,048,818; July 28.
- Esters of tertiary butyl acetic acid. F. C. Whitmore and A. H. Homeyer. 2,052,995; Sept. 1.
- Esters of the dicarboxylic acid esters of cellulose and the products resulting therefrom, Preparation of hydroxy-alkyl. C. J. Malm and C. R. Fordyce. 2,051,219; Aug. 18.
- Esters of the thio acids of phosphorus. P. L. Salzberg and J. H. Wernitz. 2,063,629; Dec. 8.
- Esters of unsaturated acids, Preparation of. E. E. Reid. 2,028,012; Jan. 14.
- Esters, Polyhydric alcohol. W. E. Lawson. 2,062,918; Dec. 1.
- Esters, Preparing mixed. R. H. Kienle. 2,065,331; Dec. 22.
- Esters, Preparation of. H. L. Cox and P. S. Greer. 2,030,835; Feb. 11.
- Esters, Production of. H. Bertsch. 2,032,313; Feb. 25.
- Esters, Production of. J. W. C. Crawford. 2,041,820; May 26.
- Esters, Production of. J. A. Nieuwland and F. J. Sowa. 2,036,353; Apr. 7.
- Esters, Production of crystallized hormone. E. Schwenk and F. Hildebrandt. 2,054,271; Sept. 15.
- Etching apparatus. E. F. Kinzler. 2,036,232; Apr. 7.
- Etching apparatus, Electric. H. S. Stark. 2,058,365; Oct. 20.
- Etching process. R. A. Zarse. 2,026,603; Jan. 7.
- Etching, Process of. J. M. Booe. 2,052,962; Sept. 1.
- Ether can. I. Newman. 2,034,481; Mar. 17.
- Ether, Cellulose. D. C. Ellsworth. 2,047,952; July 21.
- Ether compounds. A. W. Baldwin and A. J. Hailwood. 2,062,958; Dec. 1.
- Ether hydrochlorides of pseudourea, Preparation of the. M. Battagay. 2,039,514; May 5.
- Ether, Means and composition for the stabilization of divinyl. R. T. Major and W. L. Ruigh. 2,044,800; June 23.
- Ether, Production and purification of diethyl. H. L. Cox and P. S. Greer. 2,050,600; Aug. 11.
- Ether, Purification of. W. A. Lott. 2,056,972; Oct. 13.
- Ether, Purification of. F. W. Nitardy. 2,053,439; Sept. 8.
- Ether suitable for general anesthesia, Production of stabilized divinyl. R. T. Major and W. L. Ruigh. 2,044,801; June 23.
- Ether, Treatment and packaging of. F. W. Nitardy. 2,058,250; Oct. 20.
- Ethers, Absorption of. H. Klein. 2,039,170; Apr. 28.
- Ethers, Dichloroalkyl. G. A. Perkins. 2,042,862; June 2.
- Ethers having at least 8 carbon atoms in the molecule, Preparation of. E. Elbel. 2,028,654; Jan. 21.
- Ethers, Manufacture of cyclic. H. Dreyfus. 2,056,960; Oct. 13.
- Ethers of alkaloids and making them, O-alkyl. F. L. Pyman and H. H. L. Levene. 2,048,622; July 21.
- Ethers of cellulose, Preparation of aralkyl. E. J. Lorand. 2,052,145; Aug. 25.
- Ethers of cellulose, Producing high viscosity aralkyl. E. J. Lorand. 2,051,492; Aug. 18.
- Ethers of cellulose, Recovery of aralkyl. E. J. Lorand. 2,056,612; Oct. 6.
- Ethers of dinitrophenol, Producing pure. L. G. Wesson. 2,048,172; July 21.
- Ethers of 4-chloro resorcinol, Alkyl. R. R. Read. 2,036,827; Apr. 7.
- Ethers of glycol, Preparation of dialkyl. H. L. Cox and T. D. Roper, Jr. 2,044,468; June 16.
- Ethers of higher alcohols with polar groups and application of the same for textile purposes, Manufacturing mixed. M. D. Rozenbroek. 2,066,125; Dec. 29.
- Ethers of morphine and its dehydrogenated derivatives, and methods of production. L. F. Small. 2,958,521; Oct. 27.
- Ethers of polyhydric alcohols. A. W. Baldwin and I. M. Heilbron, and W. E. Jones. 2,038,705; Apr. 28.
- Ethers of polyhydric alcohols, Manufacture of cyclic. H. Dreyfus. 2,062,404; Dec. 1.
- Ethers, Preparation of unsaturated. H. P. A. Groll and C. J. Otto. 2,042,219; May 26.
- Ethers, Producing vinyl. W. Reppe and W. Wolff. 2,066,076; Dec. 29.
- Ethers to alcohols, Converting. W. K. Lewis. 2,045,785; June 30.
- Ethyl barbituric compound, Saturated-branched chain-primary-alkyl. H. A. Shonle. 2,066,280; Dec. 29.
- Ethylene diamine, Production of. F. C. Bersworth. 2,028,041; Jan. 14.
- Ethylene glycol, Producing. W. A. Lazier. 2,060,880; Nov. 17.
- Ethylene, Producing. H. M. Smith and P. Grandone. 2,061,598; Nov. 24.
- Ethylpropylacrolein, Hydrogenation of. W. J. Toussaint. 2,060,267; Nov. 10.
- Evacuator. W. C. Groeniger. 2,055,490; Sept. 29.
- Evacuator, Adjustable. W. C. Groeniger. 2,055,489; Sept. 29.
- Evacuatory. H. N. and L. P. Tweed. 2,058,645; Oct. 27.
- Evaporating and equipment therefor. W. A. Darrah. 2,042,145; May 26.
- Evaporating method and means therefor. E. Öman. 2,032,182; Feb. 25.
- Evaporating process and apparatus therefor. H. K. Moore. 2,044,095; June 16.
- Evaporation. H. E. A. Göth. 2,032,087; Feb. 25.



- Evaporator. R. A. Sandberg and O. F. Gottlieb. 2,049,475; Aug. 4.
- Evaporator. C. H. Steenstrup. 2,042,558; June 2.
- Evaporator. J. Touborg. 2,052,370; Aug. 25.
- Evaporator device. D. P. Heath. 2,059,864; Nov. 3.
- Evaporator, Finned. F. R. Erbach. 2,044,069; June 16.
- Evaporator, Flooded. L. W. Atchison. 2,042,493; June 2.
- Evaporator for refrigerating apparatus. W. D. Collins. 2,042,507; June 2.
- Evaporator for refrigerating machines. L. W. Atchison. 2,043,917; June 9.
- Evaporator for refrigerating machines. F. T. Grothouse. 2,046,943; July 7.
- Evaporator for refrigerating machines. F. T. Grothouse. 2,064,659; Dec. 15.
- Evaporator for refrigerating machines. D. F. Newman. 2,060,633; Nov. 10.
- Evaporator for refrigeration systems. A. E. Schneider. 2,043,496; June 9.
- Evaporator, One-piece sheet metal. D. P. Heath. 2,046,740; July 7.
- Evaporator, Refrigerator. L. W. Atchison. 2,060,653; Nov. 10.
- Evaporator, Sheet metal. D. P. Heath. 2,060,072; Nov. 10.
- Evaporator, Shell and tube. W. H. Carrier. 2,059,725; Nov. 3.
- Evener motion for pickers, Sensitized. J. A. Morrell. 2,026,905; Jan. 7.
- Examination conducting device. H. A. Toops. 2,052,369; Aug. 25.
- Excavating machine. R. L. Brown. 2,032,911; Mar. 3.
- Excavating machine. R. A. Denovan. 2,062,744; Dec. 1.
- Excavating machine. R. E. Ljungkull. 2,049,653; Aug. 4.
- Excavating machine. W. J. Newman. 2,031,279; Feb. 18.
- Excavating material and machine therefor. W. J. Newman. 2,041,013; May 19.
- Excavating, Method of and apparatus for. L. Ranney. 2,057,691; Oct. 20.
- Excavator: See—  
Dragline excavator.
- Excavator. C. N. Hudson. 2,046,874; July 7.
- Excavator. H. Siebert. 2,055,111; Sept. 22.
- Excavator, Chain crowd shovel. E. H. Lichtenberg, E. L. Tranaas, and W. F. Steffen. 2,055,660; Sept. 29.
- Excavator, loader, and conveyer, Combination. W. M. Hollerbach. 2,060,867; Nov. 17.
- Exchange system, Common medium multichannel. L. Espenschied. 2,064,894; Dec. 22.
- Exchange system, Common medium multichannel. L. Espenschied and N. Monk. 2,064,895; Dec. 22.
- Exchange system, Common medium multichannel. L. Espenschied and E. I. Green. 2,064,896; Dec. 22.
- Exchange system, Common medium multichannel. E. I. Green. 2,064,904; Dec. 22.
- Exchange system, Common medium multichannel. E. I. Green. 2,064,905; Dec. 22.
- Exchange system, Common medium multichannel. E. I. Green, N. Monk and W. H. Tidd. 2,064,906; Dec. 22.
- Exchange system, Common medium multichannel. E. I. Green. 2,064,907; Dec. 22.
- Exchange system, Common medium multichannel. N. Monk. 2,064,938; Dec. 22.
- Exchange system, Common medium multichannel. W. H. Tidd. 2,064,961; Dec. 22.
- Excitation control apparatus. R. D. Evans. 2,053,427; Sept. 8.
- Execution device. R. Cramer and A. C. Orthmann. 2,064,822; Dec. 22.
- Exerciser. E. F. Birch. 2,042,764; June 2.
- Exercising and treatment apparatus. P. E. Erickson. 2,062,299; Dec. 1.
- Exercising apparatus. G. Averill. 2,048,587; July 21.
- Exercising apparatus. J. H. Catron. 2,051,366; Aug. 18.
- Exercising apparatus. R. J. Forhan. 2,027,273; Jan. 7.
- Exercising apparatus. W. R. Williams. 2,054,402; Sept. 15.
- Exercising device. C. A. Johnson. 2,060,938; Nov. 17.
- Exercising device for use in connection with bicycles. L. Back. 2,043,977; June 16.
- Exercising machine. N. Orgitano. 2,032,303; Feb. 25.
- Exhalation valve. E. W. Bullard. 2,038,267; Apr. 21.
- Exhaust consumer. A. F. Ittner. 2,038,567; Apr. 28.
- Exhaust control means. S. A. and J. C. Dobyne. 2,056,505; Oct. 6.
- Exhaust deflector. J. DeMooy. 2,027,579; Jan. 14.
- Exhaust means for rotors. R. A. Norling. 2,060,107; Nov. 10.
- Exhaust of explosion motors, Apparatus for regularizing the. E. C. Saint-Jacques. 2,057,304; Oct. 13.
- Exhaust oxidizing receiver. R. A. Barr and J. A. Luke. 2,037,692; Apr. 21.
- Exhaust silencer. L. L. Haas. 2,036,138; Mar. 31.
- Exhaust silencer. R. D. St. Stephens. 2,054,956; Sept. 22.
- Exhaust silencer for internal combustion engines. H. C. Austin. 2,031,451; Feb. 18.
- Exhaust steam injector. R. G. Makely. 2,032,427; Mar. 3.
- Exhaust steam injector. E. Rawson. 2,032,500; Mar. 3.
- Exhibitor, Changeable. J. Petersen and C. R. Bushnell. 2,045,249; June 23.
- Exhibitor sign, Electric changeable. B. Schlachman. 2,049,929; Aug. 4.
- Exit door lock. J. C. Schatzlein. 2,056,537; Oct. 6.
- Exit doorlock. H. G. Volght. 2,029,901; Feb. 4.
- Expander device. J. Pountnay. 2,046,087; June 30.
- Expander for cracking hydrocarbon oils. E. W. Zublin. 2,055,212; Sept. 22.
- Expander for piston skirts. W. J. Six. 2,034,005; Mar. 17.
- Expander for pistons. T. J. Allen. 2,045,819; June 30.
- Expanding and contracting device. J. A. Wilmesherr. 2,043,140; June 2.
- Expanding and guiding apparatus. P. A. Sperry. 2,064,993; Dec. 22.
- Expanding clutch. E. L. Lipp. 2,034,051; Mar. 17.
- Expanding device. J. A. Wilmesherr. 2,043,141; June 2.
- Expanding necktie holder. C. A. Ritter. 2,027,119; Jan. 7.
- Expansive bit. J. C. Stokes. 2,060,352; Nov. 10.
- Expansive cover. R. C. Pierce. 2,041,950; May 26.
- Expansive mold. E. E. W. Bowen. 2,061,137; Nov. 17.
- Expansion device. G. E. R. Saleh. 2,028,881; Jan. 28.
- Expansion insert or caster socket for tubular legs or the like. W. F. Herold. 2,028,328; Jan. 21.
- Expansion joint. C. C. Bargreen. 2,043,571; June 9.
- Expansion joint. W. H. Eichelman and E. E. Hall. 2,040,367; May 12.
- Expansion joint. A. C. Fischer. 2,065,521; Dec. 29.
- Expansion joint. G. B. Gaiennie. 2,053,281; Sept. 8.
- Expansion joint. E. E. Hall and W. H. Eichelman. 2,042,524; June 2.
- Expansion joint. R. Hall. 2,044,430; June 16.
- Expansion joint. J. L. Herwood. 2,035,476; Mar. 31.
- Expansion joint. C. E. Kyte and R. F. Reid. 2,045,089; June 23.
- Expansion joint. A. J. Lawrence. 2,042,408; May 26.
- Expansion joint. F. J. Plym. 2,066,052; Dec. 29.
- Expansion ring hose coupling. H. W. Goodall. 2,046,114; June 30.
- Explosive. W. D. Crater. 2,055,403; Sept. 22.
- Explosive. W. E. Kirst and C. A. Woodbury. 2,033,198; Mar. 10.
- Explosive. G. M. Norman and C. D. Bitting. 2,062,011; Nov. 24.
- Explosive charges, Preparing. C. A. Woodbury and P. G. Wrightsman. 2,063,572; Dec. 8.
- Explosive composition. S. G. Baker, Jr. 2,048,050; July 21.
- Explosive composition. N. G. Johnson and H. A. Lewis. 2,033,196; Mar. 10.
- Explosive container. J. R. Holran and E. T. Lednum. 2,037,906; Apr. 21.
- Explosive devices, Making. A. Fabrizio. 2,056,509; Oct. 6.
- Explosive manufacture. F. R. Wilson. 2,064,581; Dec. 15.
- Exposure apparatus for cameras. H. F. Tönnies. 2,051,061; Aug. 18.
- Extensible connector. J. and L. Kreisler. 2,064,760; Dec. 15.
- Exposure control for photographic apparatus. O. Risdorfer. 2,059,032; Oct. 27.
- Exposure gauge. L. A. Marks. 2,061,974; Nov. 24.
- Exposure meter. N. Miller. 2,046,646; July 7.
- Exposure meter. E. F. Weston. 2,046,665; July 7.
- Expressor. W. L. Kauffman. 2d. 2,056,466; Oct. 6.
- Extensible coupling. J. M. Bacigalupi. 2,031,754; Feb. 25.
- Extensible table. W. B. Harrington. 2,031,649; Feb. 25.
- Extensible top table. D. F. Ferney. 2,061,622; Nov. 24.
- Extension attachment for ladders, scaffolds and the like. W. L. Hobbs. 2,057,777; Oct. 20.
- Extension for ironing machine rolls. J. Mikulasek. 2,060,234; Nov. 10.
- Extension head for lifting jacks. F. A. Graham. 2,029,022; Jan. 28.
- Extension lamp bracket. V. Vavro. 2,061,723; Nov. 24.
- Extension table. N. Bekus. 2,040,593; May 12.
- Extension table. J. Cooper. 2,045,441; June 23.
- Extension table. E. C. Groves. 2,039,482; May 5.
- Extension table. L. F. Normand. 2,035,565; Mar. 31.
- Extension table. W. P. Yow. 2,029,280; Jan. 28.
- External contracting brake. R. S. Tyler and W. M. Reichart. 2,026,715; Jan. 7.
- Extracting method and apparatus. J. J. de la Roza, Sr. 2,063,367; Dec. 8.
- Extraction, Apparatus for continuous. G. E. Ramer. 2,051,495; Aug. 18.
- Extraction apparatus for production of beverages. H. H. Bell. 2,059,622; Nov. 3.
- Extractor: See—  
Battery cell extractor. Fruit juice extractor.  
Burr extractor. Gelatin and glue extractor.  
Centrifugal extractor. Grapefruit juice extractor.  
Centrifugal laundry ex- Juice extractor.  
tractor. Multiple hull extractor.  
Clinker extractor. Tar extractor.  
Drill steel extractor. Tomato-juice extractor.
- Extractor apparatus. E. R. Gould. 2,045,986; June 30.
- Extractor for washing machines. P. E. Goldhof and F. A. Conterman. 2,049,057; July 28.
- Extractors, Apparatus for loading centrifugal. H. Krantz and H. Buysch. 2,065,978; Dec. 29.
- Extracts, Preparing meat and fish. K. Hatta. 2,045,949; June 30.
- Extruding machine. V. Royle. 2,037,823; Apr. 21.
- Extruding machine. V. E. Royle. 2,061,407; Nov. 17.
- Extruding machine. T. H. Williams. 2,057,467; Oct. 13.
- Extrusion. H. B. Updegraff. 2,047,237; July 14.



- Extrusion apparatus. A. G. Hewitt. 2,032,171; Feb. 25.  
 Extrusion apparatus. E. Kinsella and R. J. Ward. 2,026,740; Jan. 7.  
 Extrusion apparatus. J. Voss and O. Schnecko. 2,043,455; June 9.  
 Extrusion device. O. S. Petrescu. 2,056,982; Oct. 13.  
 Extrusion device. C. T. Walter. 2,043,682; June 9.  
 Extrusion device and process. A. Schade and E. Schweitzer. 2,053,920; Sept. 8.  
 Extrusion device, Jacketed. C. T. Walter. 2,043,686; June 9.  
 Extrusion method. F. Singer. 2,036,182; Mar. 31.  
 Eye and nose protector. G. I. Everett and D. W. Colton. 2,037,772; Apr. 21.  
 Eye construction for double bar bumpers. H. S. Jandus and N. Y. Kristensen. 2,037,794; Apr. 21.  
 Eyecup. C. D. Lukens. 2,028,984; Jan. 28.  
 Eyecup. L. W. Schaaf. 2,058,515; Oct. 27.  
 Eyecup and bottle closure, Combined. A. Barol. 2,065,501; Dec. 29.  
 Eyecup or the like, Boric acid. J. G. Ford. 2,061,941; Aug. 25.  
 Eye for dolls, Artificial. N. Popovich. 2,039,928; May 5.  
 Eye for shuttles, Threading. S. Woodruff. 2,057,127; Oct. 13.  
 Eyeglass case. R. M. Dugdale. 2,043,431; June 9.  
 Eyeglass cleaner. F. Seburger. 2,055,314; Sept. 22.  
 Eyeglass construction. J. A. Lauber and R. M. Schupbach. 2,027,109; Jan. 7.  
 Eyeglass construction. G. E. Nerney. 2,040,527; May 12.  
 Eyeglass construction. G. E. Nerney. 2,047,646; July 14.  
 Eyeglass construction. G. E. Nerney. 2,049,511; Aug. 4.  
 Eyeglass construction. I. Sundstrom. 2,046,706 July 7.  
 Eyeglass hanger. A. Bongiovanni and S. Sgro. 2,049,684; Aug. 4.  
 Eyeglass lens. E. Culver and A. H. Emerson. 2,030,968; Feb. 18.  
 Eyeglass mounting and producing same. C. F. Kramer. 2,063,170; Dec. 8.  
 Eyeglass pad and support, Combined. F. H. Soden. 2,041,975; May 26.  
 Eyeglasses. G. W. Bailey. 2,057,287-8; Oct. 13.  
 Eyeglasses. H. Higham. 2,046,021; June 30.  
 Eyeglasses. C. M. Scherer. 2,035,195; Mar. 24.  
 Eyeglasses and the like. P. H. Meyer. 2,050,957; Aug. 11.  
 Eyeglasses, Folding oxford. V. Tanasso and J. J. Pomeranz. 2,061,411; Nov. 17.  
 Eyemountings for dolls. N. Paganello. 2,040,329; May 12.  
 Eyepiece for gas masks. T. A. O'Leary. 2,060,823; Nov. 17.  
 Eye protecting screen. B. C. Tracey. 2,056,027; Sept. 29.  
 Eye protector. W. B. Schofield. 2,060,127; Nov. 10.  
 Eye protector. H. F. Shindel. 2,031,676; Feb. 25.  
 Eyeshade. J. R. Woodworth. 2,027,008; Jan. 7.  
 Eye testing and recording apparatus. B. Garrison. 2,029,228; Jan. 28.  
 Eye testing apparatus. W. J. Toerpe. 2,051,973; Aug. 25.  
 Eye testing, Apparatus for. A. L. Boyd. 2,057,412; Oct. 13.  
 Eye testing instrument. A. Ames, Jr. 2,063,015; Dec. 8.  
 Eyelet assembly. C. W. Meyer. 2,031,325; Feb. 18.  
 Eyelet, Attaching. L. N. Hayden. 2,058,311; Oct. 20.  
 Eyelet socket. H. Reiter. 2,031,429; Feb. 18.  
 Eyeletting or riveting implement. E. L. Sibley. 2,048,170; July 21.  
 Eyelets, Apparatus for beading. D. Polly. 2,049,822; Aug. 4.  
 Eyes, Apparatus for treating the. G. M. O'Gorden. 2,035,664; Mar. 31.  
 Fabric: See—  
   Coated fabric. Ornamental composite fabric.  
   Elastic fabric. ric.  
   High glazed coated fabric. Ornamental narrow fabric.  
   Hosiery toe fabric. Ornamental woven fabric.  
   Imitation linen fabric. Pile fabric.  
   Impervious fabric. Stocking ankle fabric.  
   Knitted fabric. Structural fabric.  
   Lockstitch knit fabric. Textile fabric.  
   Needled fabric. Warp fabric.  
 Fabric, Apparatus for cleaning. J. B. Sando. 2,064,084; Dec. 15.  
 Fabric. S. Cohn. 2,060,664; Nov. 10.  
 Fabric. P. A. Sperry. 2,043,451; June 9.  
 Fabric and colored strand therefor, Elastic. F. P. Jecusco. 2,041,837; May 28.  
 Fabric and hosiery produced therefrom, Knitted. G. Gastrich. 2,042,149; May 26.  
 Fabric and impregnating the same, Cord. W. Coverly. 2,058,954; Oct. 27.  
 Fabric and its manufacture, Stabilized nonslipable. H. C. Borghetty. 2,050,156; Aug. 4.  
 Fabric and its method of manufacture, Textile. H. L. Shoub. 2,066,079; Dec. 29.  
 Fabric and making same, Printed. D. Ferguson and H. H. Schell. 2,029,768; Feb. 4.  
 Fabric and making same, Runproof. G. Gastrich. 2,055,457; Sept. 22.  
 Fabric and making the same. W. B. Serrington. 2,055,019; Sept. 22.  
 Fabric and making the same, Colored fire-resistant. W. L. Wirbelauer. 2,058,120; Oct. 20.  
 Fabric and making the same, Decorated. N. C. Thackeray. 2,051,353; Aug. 18.  
 Fabric and making the same, Knitted. A. Friedmann. 2,057,375; Oct. 13.  
 Fabric and making the same, Treated. J. Driscoll and D. S. Bruce. 2,033,928; Mar. 17.  
 Fabric and making the same, Woven wire. R. J. Guba. 2,054,813; Sept. 22.  
 Fabric and method of knitting fabrics by circular knitting machines, Knitted. F. E. Deans, C. F. Manger, and C. H. Wainwright. 2,048,432; July 21.  
 Fabric and preventing yarn strains therein, Knitted. G. Gastrich. 2,032,476; Mar. 3.  
 Fabric and production thereof, Waterproof. H. L. Bender and F. I. Bennett, Jr. 2,055,450; Sept. 22.  
 Fabric and weaving same, Knotted tuft. W. A. Rice and F. G. Shinn. 2,063,853; Dec. 8.  
 Fabric, Apparatus for inspecting. R. K. Boadwee and W. P. Seem. 2,059,308; Nov. 3.  
 Fabric, Apparatus for severing bias cut. H. Willshaw, H. Smith, and F. A. Davenport. 2,031,401; Feb. 18.  
 Fabric, Apparatus for winding. G. F. Wike. 2,060,269; Nov. 10.  
 Fabric article, Multi-ply. F. R. Redman. 2,045,963; June 30.  
 Fabric articles, Conditioning. F. J. Couch. 2,043,466; June 9.  
 Fabric articles, Making coated. R. C. Palicki. 2,060,342; Nov. 10.  
 Fabric belting splice and making the same. H. M. Kuhn. 2,056,278; Oct. 6.  
 Fabric blanks, Method and apparatus for cutting. E. E. Murray. 2,027,925; Jan. 14.  
 Fabric centering apparatus. J. P. Griggs. 2,064,793; Dec. 15.  
 Fabric containing rubber-like strands, Mechanism for and method of making expansible plain knitted. C. E. Drumbheller. 2,033,095; Mar. 3.  
 Fabric containing rubber-like strands, Mechanism for and method of making highly elastic, plain knitted. C. E. Drumbheller. 2,052,087; Aug. 25.  
 Fabric containing rubber-like strands, Plain knitted. C. E. Drumbheller. 2,033,096; Mar. 3.  
 Fabric containing rubber-like strands, Plain knitted. C. E. Drumbheller. 2,052,088; Aug. 25.  
 Fabric, Decorating. W. Witte. 2,042,033; May 26.  
 Fabric, Delustering. C. Dreytus and H. Platt. 2,063,907; Dec. 15.  
 Fabric drier. G. Venturini. 2,038,457; Apr. 21.  
 Fabric edging. R. Loeb. 2,050,664; Aug. 11.  
 Fabric engaging device. J. O. Pollack. 2,037,089; Apr. 14.  
 Fabric filter. F. W. Manning. 2,055,872; Sept. 29.  
 Fabric filter, Surface type. F. W. Manning. 2,055,874; Sept. 29.  
 Fabric finishing. J. T. Gibbons. 2,036,036; Mar. 31.  
 Fabric folding and marking machine. J. M. Biddle. 2,032,830; Mar. 3.  
 Fabric for bedsprings and other articles, Wire. J. Laden. 2,046,564; July 7.  
 Fabric for humidification of air and method of making. L. L. Heffner. 2,045,137; June 23.  
 Fabric inspecting apparatus. R. K. Boadwee and W. P. Seem. 2,059,307; Nov. 3.  
 Fabric mainly consisting of cellulosic fibers and manufacturing same, Woven or knitted. R. Lant. 2,032,992; Mar. 3.  
 Fabric, Making a knitted. L. Wallerstein, R. A. Gale, and T. G. Hawley, Jr. 2,029,972; Feb. 4.  
 Fabric, Making pile. F. M. Kaufman. 2,064,208; Dec. 15.  
 Fabric measuring machine. R. H. Walter. 2,036,901; Apr. 7.  
 Fabric, Method and apparatus for treating woven wire. F. Crossman and W. C. Sutton. 2,037,067; Apr. 14.  
 Fabric, Method and composition for treating friction. J. W. Abernethy, S. J. Smyer, and A. B. Kuhn. 2,037,189; Apr. 14.  
 Fabric or the like, Mechanism for pinking. G. M. Hoskwith. 2,052,630; Sept. 1.  
 Fabric, particularly adapted for use in bracelets, Metal. A. S. Blackinton. 2,032,831; Mar. 3.  
 Fabric printing machine. I. Magath. 2,035,137; Mar. 24.  
 Fabric, Producing pile. A. G. Holland. 2,062,884; Dec. 1.  
 Fabric, Production of knitted. R. K. Mills. 2,056,686; Oct. 6.  
 Fabric, Production of ladderproof knitted. W. Doehner. 2,033,688; Mar. 10.  
 Fabric spreader. A. P. Lewis. 2,042,010; May 26.  
 Fabric structure and treatment. J. Bebie and G. L. Doelling. 2,040,819; May 19.  
 Fabric take-off device. J. D. Marks. 2,057,199; Oct. 13.  
 Fabric take-off mechanism for knitting machines. P. Schmidt. 2,030,944; Feb. 18.  
 Fabric take-up device for flat warp knitting-machines. H. Wirth. 2,064,710; Dec. 15.  
 Fabric testing machine. A. P. Nonweiler. 2,051,269; Aug. 18.  
 Fabric treating process. S. Cohn. 2,060,661; Nov. 10.  
 Fabricated structure. W. Dalton. 2,055,339; Sept. 22.  
 Fabricated structure and making. H. C. Jennison. 2,058,884-7; Oct. 27.  
 Fabricated structure and making the same. H. C. Jennison. 2,052,13940; Aug. 25.  
 Fabrics and in the production thereof, Knitted. T. H. Jones. 2,038,493; Apr. 21.



- Fabrics and preparing the same, Gas retaining. T. P. Sager. 2,037,049; Apr. 14.
- Fabrics, Apparatus for cleaning. R. A. Hetzer. 2,041,711; May 26.
- Fabrics, Apparatus for impregnating nonwoven. E. C. Richardson and M. J. Vittengl. 2,060,897; Nov. 17.
- Fabrics, Apparatus for testing textile. C. L. Simon. 2,050,976; Aug. 11.
- Fabrics, Cleaning. D. B. Merrill. 2,052,891; Sept. 1.
- Fabrics, Cleaning. L. D. Myers. 2,056,141; Sept. 29.
- Fabrics composed of cellulose derivatives, Manufacture of mixed. A. Ruperti. 2,054,913; Sept. 22.
- Fabrics containing organic derivatives of cellulose, Treatment of. H. Platt. 2,060,113; Nov. 10.
- Fabrics, Dressing. C. Bener. 2,031,245; Feb. 18.
- Fabrics, Fulling. J. Nuesslein and C. Schoeller. 2,051,389; Aug. 18.
- Fabrics, Impregnating cellulosic. P. Meunier. 2,049,217; July 28.
- Fabrics, Making knitted. L. B. Holt. 2,045,776; June 30.
- Fabrics, Manufacture of cemented pile. P. S. Smith. 2,051,010; Aug. 11.
- Fabrics, Manufacturing abrasive coated. R. C. Benner and R. L. Melton. 2,053,361; Sept. 8.
- Fabrics, Manufacture of pile. R. P. Ferreras. 2,040,840; May 19.
- Fabrics, Manufacture of rubberized. L. Wells. 2,038,328; Apr. 21.
- Fabrics, Method and apparatus for shrinking textile. G. F. Simpson. 2,052,948; Sept. 1.
- Fabrics, Method and apparatus of weaving knotted. W. A. Rice and F. G. Shinn. 2,041,864; May 26.
- Fabrics, Method and mechanism for producing knitted. E. Richter. 2,034,990; Mar. 24.
- Fabrics, Method of and apparatus for washing. L. Pierce. 2,030,394; Feb. 11.
- Fabrics of multiple loom width, Producing. A. Lanz. 2,041,841; May 26.
- Fabrics, Producing novel knitted double-faced elastic. F. W. Plumb. 2,062,999; Dec. 1.
- Fabrics, Producing warp knit. F. W. Plumb. 2,053,877; Sept. 8.
- Fabrics, Production of coated. C. A. Alt, E. H. Nollau, and D. A. Rankin. 2,033,170; Mar. 10.
- Fabrics, Production of knitted. W. H. Boaler. 2,060,020; Nov. 10.
- Fabrics similar to ribbed goods with the aid of knitting machines, Producing. H. Diem. 2,059,682; Nov. 3.
- Fabrics, textiles, garments, and the like, Apparatus for chemically cleaning and drying. G. Wolff. 2,057,259; Oct. 13.
- Fabrics to seal threads thereof, Method of and composition for treating. F. J. Major. 2,049,618; Aug. 4.
- Fabrics, Treating. S. Cohn. 2,045,755; June 30.
- Fabrics, Treatment of. R. W. Brown. 2,035,527; Mar. 31.
- Fabrics, Treatment of. M. M. Kasanof. 2,037,797; Apr. 21.
- Fabrics, Treatment of. M. M. Kasanof. 2,039,649; May 5.
- Fabrics, Weaving loop pile. W. T. Wilson. 2,043,942; June 9.
- Fabrics, Weaving of. R. Rossmann. 2,039,454; May 5.
- Fabrics, Weaving pile. F. M. Kaufman. 2,060,502; Nov. 10.
- Fabrics, Weaving warp pile. G. A. Morgan. 2,060,103; Nov. 10.
- Fabrics with liquids, Apparatus and method for treating. F. Gut. 2,036,693; Apr. 7.
- Face lifter. M. L. McLaughlin. 2,030,603; Feb. 11.
- Faceplate for electric switches and the like, Illuminated. W. LaHodny and G. C. Hoff. 2,032,540; Mar. 3.
- Facer plates, Attachment for packing. W. M. Murray. 2,052,242; Aug. 25.
- Facial measuring apparatus. S. H. Boll and J. E. Lewis. 2,043,230; June 9.
- Facsimile receiving system. W. G. H. Finch. 2,066,261-2; Dec. 29.
- Facsimile reception. H. M. Elsey. 2,063,992; Dec. 15.
- Facsimile system. E. N. Chereau, E. M. Deloraine, L. R. Guilbaud, F. E. A. Smets, and S. Van Mierlo. 2,044,831; June 23.
- Facsimile system. N. G. H. Finch. 2,060,778; Nov. 10.
- Facsimile system. H. Shore. 2,031,134; Feb. 18.
- Facsimile system. J. N. Whitaker. 2,055,513; Sept. 29.
- Factis and making same. C. Ellis. 2,054,283; Sept. 15.
- Fading elimination. J. W. Conklin. 2,027,022; Jan. 7.
- Fading elimination. M. Osnos. 2,034,769; Mar. 24.
- Fan. F. Charavay. 2,037,880; Apr. 21.
- Fan. A. A. Criqui. 2,031,466; Feb. 18.
- Fan. L. L. Dyer. 2,044,285; June 16.
- Fan. E. A. Freed. 2,050,523; Aug. 11.
- Fan. O. L. Gibbs. 2,032,610; Mar. 3.
- Fan. M. Horsky and W. Paseka. 2,032,616; Mar. 3.
- Fan. H. C. Hueglin. 2,035,479; Mar. 31.
- Fan. A. G. Langenkamp and R. H. McElroy. 2,030,993; Feb. 18.
- Fan. M. S. Leonard. 2,063,174; Dec. 8.
- Fan. M. S. Leonard. 2,065,716; Dec. 29.
- Fan. C. A. Mahon. 2,028,985; Jan. 28.
- Fan. W. W. McCloskey. 2,038,183; Apr. 21.
- Fan. C. R. Paton. 2,032,224; Feb. 25.
- Fan. W. K. Skolfield. 2,027,844; Jan. 14.
- Fan and cutter, Combined. E. and N. Russwurm. 2,064,689; Dec. 15.
- Fan and fan housing, Integral. H. S. Colby. 2,038,417; Apr. 21.
- Fan and heater, Combined. E. Meyrowitz. 2,036,597; Apr. 7.
- Fan and motor construction. W. S. Bowen. 2,031,688; Feb. 25.
- Fan and vibration damper, Combination. R. K. Lee. 2,041,555; May 19.
- Fan and vibration damper, Combination. J. C. Zeder. 2,041,507; May 19.
- Fan attachment. S. Siegel. 2,040,504; May 12.
- Fan blade. R. K. Lee. 2,033,345; Mar. 10.
- Fan, Centrifugal. H. Baenniger. 2,048,049; July 21.
- Fan, Centrifugal. H. F. Hagen. 2,050,700-1; Aug. 11.
- Fan, Circulating. V. Weber. 2,056,547; Oct. 6.
- Fan construction. F. H. Kile. 2,052,180; Aug. 25.
- Fan construction. T. Troller. 2,040,452; May 12.
- Fan, Controlling delivery. F. Sewick. 2,031,136; Feb. 18.
- Fan, Electric. H. H. C. Fuller. 2,027,687; Jan. 14.
- Fan, Electric. J. G. Macdonald. 2,037,250; Apr. 14.
- Fan, Electric. W. M. Young. 2,027,662; Jan. 14.
- Fan, Electrically operated. D. E. Rogers. 2,050,764; Aug. 11.
- Fan, Exhaust. J. M. Barrett. 2,052,596; Sept. 1.
- Fan-heater. B. A. Benson. 2,041,897; May 26.
- Fan motor support. E. F. Guth. 2,046,511; July 7.
- Fan, Multistage. A. E. Seelig. 2,037,395; Apr. 14.
- Fan or blower. B. M. Guthrie. 2,056,517; Oct. 6.
- Fan switch. M. E. Henning. 2,060,671; Nov. 10.
- Fan units for drying machines. C. H. Reumann. 2,047,156; July 7.
- Fan, Ventilating. F. Charavay. 2,043,736; June 9.
- Fan, Ventilating. W. H. Hipkiss. 2,062,513; Dec. 1.
- Fans, Attachment for electric. J. E. Wall. 2,050,773; Aug. 11.
- Fare box, Motor driven. N. Lawson. 2,035,754; Mar. 31.
- Farming implement. J. Plavan. 2,064,687; Dec. 15.
- Fastener: See—
- |                                |                                  |
|--------------------------------|----------------------------------|
| Adjustable fastener.           | Gripping fastener.               |
| Apparel fastener.              | Guy wire fastener.               |
| Attaching snap fastener.       | Hook fastener.                   |
| Auto hood fastener.            | Interlocking fastener.           |
| Automobile hood fastener.      | Lock fastener.                   |
| Bag fastener.                  | Metal fastener.                  |
| Bag-frame fastener.            | Mophead fastener.                |
| Barrel head fastener.          | Nonseparable fastener.           |
| Belt fastener.                 | Panel fastener.                  |
| Box fastener.                  | Paper fastener.                  |
| Carpet and rug fastener.       | Percolator top fastener.         |
| Closure fastener.              | Safety fastener.                 |
| Clothesline fastener.          | Sash fastener.                   |
| Collar fastener.               | Separable fastener.              |
| Container cover fastener.      | Separable interlocking fastener. |
| Corrugated fastener.           | Shipping case fastener.          |
| Corrugated joint fastener.     | Slide fastener.                  |
| Corset fastener.               | Slide operated fastener.         |
| Cowl fastener.                 | Sliding fastener.                |
| Door fastener.                 | Spring fastener.                 |
| Doorknob and spindle fastener. | Strap fastener.                  |
| Envelope fastener.             | Tag fastener.                    |
| Fence post fastener.           | Window fastener.                 |
| Gate or door fastener.         | Window sash fastener.            |
| Glazing fastener.              |                                  |
- Fastener. D. A. Brennan. 2,030,095; Feb. 11.
- Fastener. D. A. Brennan. 2,043,462; June 9.
- Fastener. L. W. Burwick. 2,028,714; Jan. 21.
- Fastener. S. E. Campbell. 2,031,407; Feb. 18.
- Fastener. A. Carp. 2,058,059; Oct. 20.
- Fastener. E. F. Gaines. 2,043,745; June 9.
- Fastener. A. W. Grosshans and H. H. Evans. 2,032,280; Feb. 25.
- Fastener. R. S. Kelley. 2,031,959; Feb. 25.
- Fastener. G. B. Newkirk. 2,035,913; Mar. 31.
- Fastener. B. C. Place. 2,043,007; June 2.
- Fastener. B. C. Place. 2,048,812; July 28.
- Fastener. B. C. Place. 2,063,827; Dec. 8.
- Fastener. F. Schäfer. 2,035,436; Mar. 24.
- Fastener. S. T. Swidersky. 2,041,498; May 19.
- Fastener. A. H. Temple. 2,035,028; Mar. 24.
- Fastener. G. A. Tinnerman. 2,047,298; July 14.
- Fastener. P. W. White and P. Heinze. 2,045,935; June 30.
- Fastener and fastener secured installation. C. L. Hall. 2,035,429; Mar. 24.
- Fastener and making the same, Separable slide. L. H. Morin. 2,063,515; Dec. 8.
- Fastener and producing same. H. Rosenberg. 2,032,099; Feb. 25.
- Fastener applying implement. A. H. Maynard. 2,037,334; Apr. 14.
- Fastener applying machine. E. Bernstiel and J. W. Schaller. 2,034,018; Mar. 17.
- Fastener-attaching device. E. D. Simons. 2,042,866; June 2.
- Fastener attaching machine. L. N. Hayden. 2,028,704; Jan. 21.
- Fastener devices, Manufacturing separable. D. Marinsky. 2,041,848; May 26.
- Fastener-distributing mechanism. W. T. B. Roberts. 2,034,774; Mar. 24.
- Fastener for closures. C. N. Curtis. 2,060,284; Nov. 10.
- Fastener for emergency doors, Closure. R. N. Friend. 2,064,202; Dec. 15.



- Fastener for fastening hook lines to trot lines. A. Galbraith. 2,060,007; Nov. 10.
- Fastener for garments of elastic fabric. L. Roseman. 2,064,222; Dec. 15.
- Fastener for retorts, Door or closure. T. W. Reid. 2,043,628; June 9.
- Fastener for shipping containers, Lid. B. B. Wilson. 2,058,651; Oct. 27.
- Fastener for shoe laces or the like. O. B. Voit and A. Vanacore. 2,049,932; Aug. 4.
- Fastener for tire chains, Strap. F. E. Stahl and R. W. Waterstrat. 2,027,003; Jan. 7.
- Fastener for trim panels. A. J. Smith. 2,059,049; Oct. 27.
- Fastener for trim panels and the like. F. G. Richardson. 2,056,691; Oct. 6.
- Fastener for trim strips. H. C. Kellogg. 2,061,970; Nov. 24.
- Fastener for trimming material. A. P. Ball. 2,037,301; Apr. 14.
- Fastener for wall panels. J. G. Hamilton. 2,065,525; Dec. 29.
- Fastener for wreath frames and easels, Adjustable. R. C. Aughtry. 2,035,288; Mar. 24.
- Fastener handle. W. Dzus. 2,054,519; Sept. 15.
- Fastener installation and fastener for the same. W. I. Jones. 2,031,563; Feb. 18.
- Fastener installation and fastener for the same, Rotary operative. R. O. Chaffee. 2,032,315; Feb. 25.
- Fastener installation and fastener for the same, Snap. J. C. Calhoun. 2,065,325; Dec. 22.
- Fastener installation and stud member. W. H. Churchill. 2,037,678; Apr. 14.
- Fastener secured installation. W. I. Jones. 2,048,659; July 21.
- Fastener secured installation and fastener member therefor. C. L. Hall. 2,041,335-6; May 19.
- Fastener secured installation, Snap. W. I. Jones. 2,048,660; July 21.
- Fastener secured installations and fasteners for the same. A. W. Kimbell. 2,061,467; Nov. 17.
- Fastener slide, Safety removable. B. Pruzan. 2,065,736; Dec. 29.
- Fastener slider, Separable. B. A. Kotowski. 2,048,636; July 21.
- Fastener slider, Separable. M. Winterhalter. 2,045,626; June 30.
- Fastener sliders, Making separable. G. Sundback. 2,041,156; May 19.
- Fastener socket, Slide. G. Johnson. 2,051,715; Aug. 18.
- Fastener structure, Slide operative. D. Silberman. 2,060,830; Nov. 17.
- Fastener supplying apparatus. H. B. Newhall. 2,036,352; Apr. 7.
- Fastener turning machine. F. L. Brandt. 2,034,740; Mar. 24.
- Fastener unit. G. E. Prentice. 2,029,585; Feb. 4.
- Fastener units, Making. G. E. Prentice. 2,048,709; July 28.
- Fasteners and the like, Applying belt. J. K. Diamond. 2,048,108; July 21.
- Fasteners, Apparatus and method for assembling separable interlocking. G. Sundback. 2,045,884; June 30.
- Fasteners from metallic ribbon, Producing. J. S. McChesney. 2,061,036; Nov. 17.
- Fasteners, Making separable. W. L. Gilmore. 2,050,999; Aug. 11.
- Fasteners, Making separable. E. O. Seaver. 2,048,639; July 21.
- Fasteners, Making slide. S. Quisling. 2,030,895; Feb. 18.
- Fasteners, Making toothed. J. S. McChesney. 2,061,035; Nov. 17.
- Fasteners, Producing flanged joint. J. S. McChesney. 2,061,037; Nov. 17.
- Fastening. R. I. Anderson. 2,051,066; Aug. 18.
- Fastening. F. N. La Chapelle. 2,037,727; Apr. 21.
- Fastening and securing means. G. W. Gail. 2,028,597; Jan. 21.
- Fastening, Automatic rail joint. M. Betke. 2,046,542; July 7.
- Fastening device. R. E. Beegle. 2,040,510; May 12.
- Fastening device. M. A. Bispham. 2,026,930; Jan. 7.
- Fastening device. O. N. Gredell. 2,048,334; July 21.
- Fastening device. A. L. Le Page. 2,050,189; Aug. 4.
- Fastening device. G. L. Moore and J. R. Steele. 2,034,266; Mar. 17.
- Fastening device. P. C. Morris. 2,054,060; Sept. 8.
- Fastening device. H. Rodemeyer. 2,055,882; Sept. 29.
- Fastening device. W. L. Rowe. 2,041,780; May 26.
- Fastening device. H. E. Sipe. 2,035,674; Mar. 31.
- Fastening device. A. H. Smeby. 2,050,200-1; Aug. 4.
- Fastening device. A. Supplie. 2,041,444; May 19.
- Fastening device. G. A. Tinnerman. 2,062,685; Dec. 1.
- Fastening device. G. A. Tinnerman. 2,064,091; Dec. 15.
- Fastening device for lenses. D. Slotsky. 2,037,279; Apr. 14.
- Fastening device for manhole covers. H. W. Weber. 2,057,866; Oct. 20.
- Fastening-distributing device. J. C. Jorgensen. 2,047,205; July 14.
- Fastening for the handles of tools. D. W. Winzeler. 2,031,142; Feb. 18.
- Fastening inserting machine. F. C. Eastman. 2,034,752; Mar. 24.
- Fastening inserting machine. G. Goddu. 2,052,618; Sept. 1.
- Fastening inserting machine. F. N. LaChapelle. 2,035,080; Mar. 24.
- Fastening-inserting machine. O. L. Lawson. 2,055,544; Sept. 29.
- Fastening inserting machine. F. L. MacKenzie. 2,028,840; Jan. 28.
- Fastening inserting machine. F. M. Moody. 2,064,027; Dec. 15.
- Fastening inserting machine. F. Ricks and H. E. Elliott. 2,052,659; Sept. 1.
- Fastening-inserting machine. J. F. Standish. 2,040,885; May 19.
- Fastening-inserting mechanism. E. A. Holmgren. 2,034,039; Mar. 17.
- Fastening installation and fastener therefor. C. L. Hall. 2,037,682; Apr. 14.
- Fastening means. T. S. Grimes. 2,040,374; May 12.
- Fastening means. B. Lee and F. P. Bevis. 2,032,022; Feb. 25.
- Fastening means for tool handles. M. A. Nyberg. 2,052,791; Sept. 1.
- Fastening method and means. A. V. Cullen. 2,065,659; Dec. 29.
- Fastening tool handle. E. A. Litchfield. 2,043,003; June 2.
- Fastening, Tool handle. H. Rettstadt. 2,029,794; Feb. 4.
- Fastening, Tool handle. R. J. Walker. 2,049,341; July 28.
- Fastenings and making the same. G. A. Smith. 2,059,406; Nov. 3.
- Fat and making same, Cooking. H. S. Coith and V. M. Votaw. 2,061,122; Nov. 17.
- Fat stabilization. D. P. Grettie. 2,052,289; Aug. 25.
- Fats and fatty oils, Refining of crude. E. W. Fawcett. 2,047,196; July 14.
- Fats and greases, Hydrolysis of. J. R. Moore and E. K. Wallace. 2,065,145; Dec. 22.
- Fats and oils, Refining. V. Jersey. 2,029,722; Feb. 4.
- Fats and oils, Stabilization of animal and vegetable. J. K. Hunt and G. H. Latham. 2,063,602; Dec. 8.
- Fats and oils, Stabilization of animal and vegetable. C. S. Marvel. 2,047,642; July 14.
- Fats or oils into fatty acids and glycerine, Decomposing. J. O. Peirce. 2,042,411; May 26.
- Fatty aldehydes, Preparing higher. A. W. Ralston and C. B. Jackson. 2,033,539; Mar. 10.
- Fatty substances soluble in concentrated alkaline baths. R. Hueter and H. Waldfrieden. 2,050,969; Aug. 11.
- Faucet. L. J. Dawson. 2,057,231; Oct. 13.
- Faucet. M. Esnard. 2,057,233; Oct. 13.
- Faucet. A. A. Ewald. 2,048,855; July 28.
- Faucet. H. W. Fowler. 2,038,620; Mar. 10.
- Faucet. W. U. Griffiths. 2,030,510; Feb. 11.
- Faucet. F. Healy. 2,039,902; May 5.
- Faucet. C. J. Muend. 2,046,030; June 30.
- Faucet. F. M. and E. S. Reiland. 2,034,420; Mar. 17.
- Faucet. F. E. Rice. 2,033,785; Mar. 10.
- Faucet. F. E. Rice. 2,049,663; Aug. 4.
- Faucet. F. E. Rice. 2,058,631; Oct. 27.
- Faucet and air pump for liquid containers, Combined. A. H. Welker. 2,033,312; Mar. 10.
- Faucet and drinking fountain, Combination. C. L. Maguire. 2,040,391; May 12.
- Faucet and valve, All metal springless automatic. J. C. Ross. 2,028,923; Jan. 28.
- Faucet, Automatic. R. Rupert. 2,039,933; May 5.
- Faucet, Beer. F. E. Rice. 2,041,371; May 19.
- Faucet, Beverage dispensing. E. H. Smith. 2,035,202; Mar. 24.
- Faucet connection. C. H. Hagopian. 2,051,211; Aug. 18.
- Faucet, Filter. C. S. Knight. 2,042,106; May 26.
- Faucet, Foam controlling beer. J. Howard and S. E. Richeson. 2,028,283; Jan. 21.
- Faucet resealing tool. J. V. Jardine. 2,034,396; Mar. 17.
- Fault indicator and rectifier for electrical circuits of motor vehicles. H. M. and K. G. Ryan. 2,044,546; June 16.
- Feather cleaning and sterilizing machine. H. Hirsch. 2,027,590; Jan. 14.
- Feather renovating. T. A. Johnson. 2,032,579; Mar. 3.
- Feathers from fowl, Method and apparatus for removing. E. H. Hinchliffe. 2,027,729; Jan. 14.
- Feathers, Method and apparatus for curling. E. Amkraut. 2,049,241; July 28.
- Fecundity calculating device. C. A. Decary and A. Bohémier. 2,034,027; Mar. 17.
- Feed and making same, Pelleted. C. E. Lee. 2,056,107; Sept. 29.
- Feed collet. S. Baxendale. 2,037,304; Apr. 14.
- Feed collet for automatic screw machines. A. Naert. 2,055,155; Sept. 22.
- Feed control on feeding and filling devices, Apparatus for automatically regulating the. J. Mayo. 2,050,496; Aug. 11.
- Feed device. J. M. Darbaker. 2,041,235; May 19.
- Feed device, Helical. W. R. Postlewaite. 2,048,948; July 28.
- Feed dog recutting fixture. L. C. Corcoran. 2,031,464; Feb. 18.
- Feed finger for screw machines and the like. E. W. Brinkman. 2,035,942; Mar. 31.
- Feed for chain making machines, Wire. F. A. Dieterich and H. Weinacker. 2,063,593; Dec. 8.



- Feed for machine tools, Hydraulic. W. Ferris. 2,047,181; July 14.
- Feed for machine tools, Hydraulic. O. G. Tweddell. 2,063,414; Dec. 8.
- Feed for pneumatic tool lubricators, Adjustable. J. W. Arnold. 2,046,313; July 7.
- Feed gear. W. Holm. 2,035,162; Mar. 24.
- Feed head, Automatic. C. E. Broders. 2,053,514; Sept. 8.
- Feed in poultry houses, Apparatus for conveying. E. H. Raymond. 2,043,595; June 9.
- Feed mechanism. S. P. Wimpee and S. P. Wimpee, Jr. 2,054,844; Sept. 22.
- Feed mechanism for centerless grinding machines for grinding and polishing workpieces. F. B. Hatebur. 2,048,265; July 21.
- Feed mechanism for duplicating machines. C. L. Winter. 2,046,931; July 7.
- Feed mechanism for machine tool units. E. J. Kingsbury. 2,030,007; Feb. 4.
- Feed mechanism for punch presses, Automatic. D. L. Morgan. 2,051,312; Aug. 18.
- Feed mechanism for separating coupons, tickets, or the like. E. M. Calmes. 2,036,919; Apr. 7.
- Feed mechanism, Intermittent. J. R. Sontagh and H. C. Holden. 2,064,275; Dec. 15.
- Feed pusher. C. W. Bettcher and T. F. Cox. 2,054,592; Sept. 15.
- Feed regulating device. G. Spiess. 2,042,131; May 26.
- Feed system, Uniform. H. Ernst and L. F. Nenninger. 2,028,766; Jan. 28.
- Feed valve. M. P. De Motte. 2,057,768; Oct. 20.
- Feed water regulator. W. L. Hunter. 2,029,321; Feb. 4.
- Feeder: See—
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| Adhesive feeder.        | Material feeder. |
| Cloth feeder.           | Rabbit feeder.   |
| Disappearing feeder.    | Sheet feeder.    |
| Divisional feeder.      | Tin pot feeder.  |
| Ferric chloride feeder. | Vacuum feeder.   |
| Glass feeder.           | Weighing feeder. |
| Liquid feeder.          |                  |
- Feeder. W. A. Morton. 2,038,190; Apr. 21.
- Feeder. O. J. Olson. 2,059,482; Nov. 3.
- Feeder. L. V. Pickell. 2,044,326; June 16.
- Feeder and catcher apparatus for rolling mills. J. E. Fawell. 2,029,915; Feb. 4.
- Feeder device. C. N. Ash. 2,038,260; Apr. 21.
- Feeder for printing presses. F. R. Belluche. 2,059,677; Nov. 3.
- Feeder for suction molds, Glass. S. G. Stuckey. 2,063,565; Dec. 8.
- Feeder for thermoplastic material. F. L. O. Wadsworth. 2,062,622; Dec. 1.
- Feeder mechanism. G. F. Yager and O. J. Heath. 2,062,854; Dec. 1.
- Feeding and batching apparatus. H. S. Lenhart. 2,040,660; May 12.
- Feeding and coating systems. T. A. Federwitz and W. T. Bailey. 2,065,178; Dec. 22.
- Feeding and measuring apparatus. P. Landrock. 2,065,939; Dec. 29.
- Feeding and treating system for fluids. L. D. Jones. 2,058,889; Oct. 27.
- Feeding apparatus. A. A. Holbeck. 2,031,369; Feb. 18.
- Feeding apparatus for starch tables. S. Shurback. 2,066,142; Dec. 29.
- Feeding attachment for clothes wringers. C. Elser. 2,061,096; Nov. 17.
- Feeding attachment for meat grinders. W. Naturkacz. 2,030,758; Feb. 11.
- Feeding device. J. A. Ball. 2,059,199; Nov. 3.
- Feeding device. R. S. Buckman and R. E. Neidig. 2,056,385; Oct. 6.
- Feeding device. N. J. Dziedzic and H. H. McKee. 2,034,751; Mar. 24.
- Feeding device. C. T. Fuetterer. 2,048,606; July 21.
- Feeding device. C. L. Post. 2,030,152; Feb. 11.
- Feeding device. W. A. Smith, Sr. 2,027,562; Jan. 14.
- Feeding device. A. B. Wahlquist. 2,062,952; Dec. 1.
- Feeding device and using the same. H. J. Brownlee. 2,059,435; Nov. 3.
- Feeding device for egg testing and grading machines. J. McHenry. 2,032,946; Mar. 3.
- Feeding device for foxes, poultry, or other animals confined in cages or similar rooms. E. Gilbo. 2,052,460; Aug. 25.
- Feeding device for grinders. K. L. Herrmann. 2,041,764; May 26.
- Feeding device for mills. A. C. Lindgren and C. R. Raney. 2,052,311; Aug. 25.
- Feeding device, Proportional. J. B. Wade. 2,045,502; June 23.
- Feeding means. C. N. Ash. 2,057,286; Oct. 13.
- Feeding means. E. C. Chandler. 2,034,796; Mar. 24.
- Feeding means for duplicating machines. J. D. Edmunds. 2,062,643; Dec. 1.
- Feeding means for receptacle closure caps. J. A. Johnson. 2,040,851; May 19.
- Feeding means for round bars. W. S. Bidle. 2,038,204; Apr. 21.
- Feeding means for sealing pads for receptacle closure caps. J. A. Johnson. 2,028,218-19; Jan. 21.
- Feeding means for underfeed stokers. F. L. Hitchcock. 2,034,099; Mar. 17.
- Feeding mechanism. L. V. Andrews. 2,055,139; Sept. 22.
- Feeding mechanism. C. V. Munson. 2,052,936; Sept. 1.
- Feeding mechanism. C. L. Post. 2,049,513; Aug. 4.
- Feeding mechanism. W. P. Shomaker. 2,057,279; Oct. 13.
- Feeding mechanism, Circular. M. J. Milmoie. 2,042,269; May 26.
- Feeding mechanism for arc lamps. F. C. Coates. 2,051,824; Aug. 25.
- Feeding mechanism for rock drills. J. C. Curtis. 2,029,223; Jan. 28.
- Feeding mechanism for rock drills. J. C. Curtis. 2,030,685; Feb. 11.
- Feeding mechanism for rock drills. J. C. Curtis. 2,042,927; June 2.
- Feeding mechanism for rock drills. J. C. Curtis. 2,055,003; Sept. 22.
- Feeding mechanism for rock drills. L. L. Richardson. 2,059,491; Nov. 3.
- Feeding, severing, and moistening device. F. W. Storck. 2,061,524; Nov. 17.
- Feeler mechanism for looms. S. O. Dodge. 2,030,688; Feb. 11.
- Feeding mechanism for sewing machines, Duplex. H. Feldmann. 2,049,292; July 28.
- Feeding mechanism or the like. C. L. Mattison. 2,053,915; Sept. 8.
- Feeds, Apparatus for the manufacture of prepared. F. D. Snyder. 2,047,599; July 14.
- Feeler tip for weft detectors. O. V. Payne. 2,045,960; June 30.
- Feet, Apparatus for treating. H. J. Dorrance. 2,030,358; Feb. 11.
- Feldspar, Purifying. N. G. and S. C. Smith. 2,062,072; Nov. 24.
- Felling machine for seaming fabric sections. C. S. Thompson. 2,031,193; Feb. 18.
- Felly, rim, and tire structure, Combined. P. N. Chiasson. 2,032,261; Feb. 25.
- Felt and making same. P. Drewsen. 2,029,310; Feb. 4.
- Felt cleaner for paper mills. L. L. Lapeyrouse. 2,043,415; June 9.
- Felt conditioning machine. C. H. Manton. 2,033,990; Mar. 17.
- Felt, Drying and impregnating. H. D. Brown. 2,050,483; Aug. 11.
- Felt for paper machines and the like, Drier. W. A. Barrell. 2,047,542; July 14.
- Felt for paper machines and the like, Drier. W. A. Barrell. 2,047,610; July 14.
- Felt, Papermaker's. J. P. Koester. 2,041,137; May 19.
- Felt, Waterlaid. M. O. Schur and W. L. Hearn. 2,033,485; Mar. 10.
- Felts, Manufacture of bituminized. M. O. Schur and W. L. Hearn. 2,049,978; Aug. 4.
- Fence. G. W. Dillon. 2,057,018; Oct. 13.
- Fence adjustment, Joinder. H. E. Tautz. 2,037,286; Apr. 14.
- Fence bracket. L. Lefforge. 2,051,302; Aug. 18.
- Fence construction. C. S. Brown and T. A. Delaney. 2,039,879; May 5.
- Fence, Portable wire. J. Kundert. 2,052,774; Sept. 1.
- Fence post. J. B. Cuneo. 2,027,765; Jan. 14.
- Fence post. F. J. Gzamba. 2,046,250; June 30.
- Fence post. N. A. Ochiltree. 2,029,439; Feb. 4.
- Fence post. A. R. Schantz. 2,038,133; Apr. 21.
- Fence post construction. C. S. Brown. 2,065,562; Dec. 29.
- Fence post fastener. W. N. Jernegan. 2,053,195; Sept. 1.
- Fence post, Metal. D. Willman. 2,064,237; Dec. 15.
- Fence tying tool. M. Moffett. 2,048,460; July 21.
- Fencing. G. Loken. 2,032,806; Mar. 3.
- Fender accessory. J. Haltenberger. 2,048,862; July 28.
- Fender, Front box. A. E. Balthazor. 2,057,322; Oct. 13.
- Fender guide. J. H. Cohen. 2,050,981; Aug. 11.
- Fender, Marine. E. F. Maas. 2,062,919; Dec. 1.
- Fender, Marine. D. T. Whitlock. 2,027,800; Jan. 14.
- Fender straightening machine. J. H. Ferguson. 2,051,835; Aug. 25.
- Fender tool. E. Eronen. 2,054,248; Sept. 15.
- Fenderwell support for tires. B. M. Short. 2,031,984; Feb. 25.
- Fermentation and dehydrating apparatus, Sanitary. J. B. Goldsborough. 2,062,264; Nov. 24.
- Fermentation of sugar-containing liquids, Alcoholic. F. Boinot. 2,054,736; Sept. 15.
- Fermentation of sugar-containing liquids, Alcoholic. F. Boinot. 2,063,223; Dec. 8.
- Fermentation process. A. S. Schultz, G. W. Kirby, and C. N. Frey. 2,032,443; Mar. 3.
- Fermenting medium of organic compounds produced by the fermentation, Removal from a. H. Dreyfus. 2,053,770; Sept. 8.
- Ferric chloride feeder. W. C. Laughlin. 2,066,152; Dec. 29.
- Ferro-alloy, Production of. J. N. Ostrofsky. 2,058,494; Oct. 27.
- Ferro-chromium free of carbon, Production of. A. Foss. 2,035,955; Mar. 31.
- Ferrocobalt, Manufacture of. F. L. Bosqui. 2,058,126; Oct. 20.
- Ferrocobalt, Production of. F. L. Bosqui. 2,051,433; Aug. 18.
- Ferrous articles, Cleaning. U. C. Tainton and F. W. Harris. 2,063,529; Dec. 8.
- Ferrous bodies, Composite. P. A. E. Armstrong and R. R. Rogers. 2,044,742; June 16.



- Ferrous bodies with other metals, Coating. A. O. Rodriguez. 2,046,036; June 30.
- Ferrous bodies with other metals, Coating. A. O. Rodriguez. 2,046,037; June 30.
- Ferrule applying tool. L. W. G. Flynt. 2,060,860; Nov. 17.
- Ferrule, Metal. C. T. Walter. 2,060,542; Nov. 10.
- Ferrule, Vehicle hardware. A. Person. 2,063,335; Dec. 8.
- Fertilizer and charcoal from waste organic matter, Producing. G. T. Reich. 2,043,009; June 2.
- Fertilizer and effecting distribution thereof. V. W. Brewer. 2,061,500; Nov. 17.
- Fertilizer and making same. A. G. Stillwell. 2,049,524; Aug. 4.
- Fertilizer and product thereof, Producing superphosphate. L. H. Facer. 2,061,567; Nov. 24.
- Fertilizer attachment for hand corn planter. W. J. Langer. 2,064,668; Dec. 15.
- Fertilizer bag. L. J. Pettett, J. R. Brown, and H. N. Mills. 2,036,357; Apr. 7.
- Fertilizer base material. A. G. Stillwell. 2,049,525; Aug. 4.
- Fertilizer, Carbonaceous. J. Jannek and H. Weitzel. 2,048,658; July 21.
- Fertilizer depositing apparatus. K. H. Conley. 2,043,318; June 9.
- Fertilizer discharging mechanism. C. W. Robinson. 2,044,186; June 16.
- Fertilizer distributor. C. W. Michael and W. E. Michael. 2,042,014; May 26.
- Fertilizer distributor. O. H. Morgan. 2,034,876; Mar. 24.
- Fertilizer distributor. N. E. Welty and A. J. Locken. 2,058,539; Oct. 27.
- Fertilizer, Granulating. G. E. Cox. 2,035,866; Mar. 31.
- Fertilizer implement. A. E. Urban. 2,044,821; June 23.
- Fertilizer in granular form. O. Balz, A. Leber, and H. Diekmann. 2,061,534; Nov. 17.
- Fertilizer, Manufacture of. H. L. Hartenstein. 2,044,297; June 16.
- Fertilizer material, Production of. E. W. Harvey and H. A. Beekhuis, Jr. 2,038,788; Apr. 28.
- Fertilizer, Method of and apparatus for distributing. R. C. Zuckerman. 2,036,559; Apr. 7.
- Fertilizer preparation. H. B. Siems. 2,047,393; July 14.
- Fertilizer. Preparing phosphate. E. W. Harvey. 2,053,432; Sept. 8.
- Fertilizer, Producing phosphate. J. K. Plummer. 2,036,494; Apr. 7.
- Fertilizer production from sewage. O. V. Austin. 2,029,648; Feb. 4.
- Fertilizer, Production of mixed. C. Kircher and K. O. Schmitt. 2,036,701; Apr. 7.
- Fertilizers and compositions, Manufacture of. W. H. Kniskern and L. V. Rohner. 2,036,481; Mar. 9.
- Fertilizers and their production. E. W. Harvey. 2,036,870; Apr. 7.
- Fertilizers, Production of. J. F. C. Hagens, L. Rosenstein, and W. Hirschkind. 2,057,025; Oct. 13.
- Fertilizers, Production of. E. W. Harvey. 2,060,310; Nov. 10.
- Fertilizing, Apparatus for. F. S. Milburn. 2,057,785; Oct. 20.
- Fertilizing materials. E. H. Wenzel. 2,035,286; Mar. 24.
- Festoon, drier. C. A. Dickhaut and C. C. Willis. 2,043,795; June 9.
- Fiber and making the same, Water-resistant indurated. D. W. Hollingworth. 2,059,947; Nov. 3.
- Fiber articles, Manufacture of impregnated. G. A. Richter and M. O. Schur. 2,045,410; June 23.
- Fiber-binder products, Manufacture of sheeted. M. O. Schur. 2,057,166; Oct. 13.
- Fiberboard and forming same, Acoustical. J. N. Devereux. 2,033,124; Mar. 10.
- Fiber conduit installation. H. Sweet. 2,056,304; Oct. 6.
- Fiber-liberating process. G. A. Richter. 2,032,437; Mar. 3.
- Fiber liberation and in fibrillized products thereof, Art of. A. C. Whitford. 2,048,719; July 28.
- Fiber, Manufacturing staple. E. Witte. 2,066,168; Dec. 29.
- Fiber products, Manufacture of. D. M. Sutherland, Jr. 2,030,946; Feb. 18.
- Fiber refining and refiner. D. M. Sutherland, Jr. 2,035,994; Mar. 31.
- Fiber spoke gear. F. H. Bengé and J. Petho. 2,050,916; Aug. 11.
- Fiber, Stabilizing sheet vulcanized. H. R. Stratford. 2,028,932; Jan. 28.
- Fiber treating composition. L. A. Kramer. 2,057,960; Oct. 20.
- Fibers and other fine solids, Liquid treating masses of. A. H. Adams. 2,044,458; June 16.
- Fibers, Apparatus for coating. E. Bleibler. 2,062,389; Dec. 1.
- Fibers, Bleaching animal. C. F. Fabian and A. N. Sachanen. 2,057,296; Oct. 13.
- Fibers, Direct manufacture and employment of artificial. B. Borzykowski. 2,053,175; Sept. 1.
- Fibers, Disintegration of. P. F. Brown. 2,054,280; Sept. 15.
- Fibers dyed with water-insoluble azo-dyestuffs. A. Bergdolt, A. Ossenbeck, E. Tietze, and F. Gund. 2,032,463; Mar. 3.
- Fibers, Dyeing and printing vegetable and artificial. W. Tischbein. 2,061,860; Nov. 24.
- Fibers in fibrous material, Separation of the individual. O. Kristoffersen. 2,039,807; May 5.
- Fibers, Liberating. J. A. Manahan. 2,026,584; Jan. 7.
- Fibers, Making wool-like artificial. A. von Weinberg, H. Rein and O. Eisenhut. 2,063,209; Dec. 8.
- Fibers, Preparation of artificial. M. Belloc. 2,035,939; Mar. 31.
- Fibers, Preparing and utilizing natural. O. C. Greene. 2,056,185; Oct. 6.
- Fibrous bodied article and producing same, Joined. E. C. Sloan. 2,041,974; May 26.
- Fibrous esterification of cellulose employing homogenizers of the benzene series. E. C. Yackel and W. O. Kenyon. 2,036,382; Apr. 7.
- Fibrous layers from surfaces, Removing. M. Leatherman. 2,052,884; Sept. 1.
- Fibrous masses, Drying. E. J. Abbott. 2,039,285; May 5.
- Fibrous material and making the same. E. Hurst. 2,055,411; Sept. 22.
- Fibrous material, Bleaching. K. Butz, G. Deuschle, and G. Simon. 2,048,991; July 28.
- Fibrous material, Converting a. R. and H. Freudenberg, R. Runkel, and G. Lange. 2,032,123; Feb. 25.
- Fibrous material, Finishing. W. Schrauth. 2,056,114; Sept. 29.
- Fibrous material from hides, Working up. O. W. Becker. 2,056,595; Oct. 6.
- Fibrous material, Method and apparatus for the treatment of. T. L. Dunbar. 2,038,925; Apr. 28.
- Fibrous material, Method of and apparatus for disintegrating. R. W. McLean. 2,055,630; Sept. 29.
- Fibrous material, Treating. J. M. Mothersall. 2,051,047; Aug. 18.
- Fibrous materials, Apparatus for fluid treating. E. J. Abbott. 2,031,588; Feb. 25.
- Fibrous materials, Apparatus for pressing and dehydrating. C. F. Brodin. 2,038,712; Apr. 28.
- Fibrous materials, Apparatus for the continuous treatment of. L. H. Sperry. 2,028,419; Jan. 21.
- Fibrous materials by impregnation, Printing of. M. R. Greiser. 2,027,820; Jan. 14.
- Fibrous materials, Packaging of. V. B. Trevelyan. 2,057,121; Oct. 13.
- Fibrous materials, Simultaneously seasoning and treating water-swollen. A. J. Stamm. 2,060,902; Nov. 17.
- Fibrous product and making the same. G. H. Ellis. 2,027,581; Jan. 14.
- Fibrous products and making the same. G. H. Ellis. 2,030,626; Feb. 11.
- Fibrous products, Manufacture of saturated. I. J. Novak. 2,049,469; Aug. 4.
- Fibrous sheets, Treatment of. Q. L. Quinlivan. 2,045,676; June 30.
- Fibrous units, Process and apparatus for forming tapered. F. W. Adams. 2,048,045; July 21.
- Field standard for testing liquid measuring devices. T. A. Seraphin. 2,031,230; Feb. 18.
- Field tiller. O. B. Johnson. 2,029,872; Feb. 4.
- Figures from tuft yarn balls, Making animal. J. E. Levy and C. Mangiapani. 2,044,949; June 23.
- Figures in still slide screen projections, Enabling movement of. D. M. Fegan. 2,058,581; Oct. 27.
- Filament devices, Method and apparatus for manufacturing thoriated. R. R. Hoffman. 2,057,098; Oct. 13.
- Filament manufacture and the like, Artificial. H. Dreyfus. 2,060,048; Nov. 10.
- Filament support. R. C. Shermund. 2,030,326; Feb. 11.
- Filament testing apparatus. D. C. Scott. 2,037,273; Apr. 14.
- Filament winding. R. Elasnér and C. F. Gram. 2,055,282; Sept. 22.
- Filament, yarn, or thread, Artificial. W. I. Taylor. 2,034,008; Mar. 17.
- Filaments and films, Preparation of dyed. R. Rüsch and H. Schmidt. 2,043,069; June 2.
- Filaments and like materials, Apparatus for the production of artificial. H. Dreyfus. 2,030,972; Feb. 18.
- Filaments and like products, Treatment of artificial. W. A. Dickie and P. F. C. Sowter. 2,058,422; Oct. 27.
- Filaments and similar articles, Coating. J. Flaws, Jr. 2,062,124; Nov. 24.
- Filaments and similar materials, Manufacture of artificial. E. Kinsella. 2,045,326; June 23.
- Filaments and the like, Manufacture and treatment of. H. Dreyfus. 2,065,668; Dec. 29.
- Filaments and the like, Manufacture of artificial. H. Dreyfus. 2,035,464; Mar. 31.
- Filaments and the like, Production of. H. Dreyfus. 2,057,712; Oct. 20.
- Filaments, Apparatus for the winding of. G. A. M. Heim. 2,062,881; Dec. 1.
- Filaments, films, and like products from viscose, Production of artificial. H. Dreyfus. 2,057,711; Oct. 20.
- Filaments, films and the like, and making the same. W. Whitehead. 2,059,425; Nov. 3.
- Filaments, etc., Apparatus for twisting. W. Whitehead. 2,052,683; Sept. 1.
- Filaments, fabrics and the like, Treatment of. H. Dreyfus. 2,033,977; Mar. 17.
- Filaments, films, and the like, Making. W. Whitehead. 2,052,590; Sept. 1.
- Filaments from a raw material which has been solidified by the action of solid, liquid, or gaseous media, Producing. H. Ziegner. 2,043,722; June 9.



- Filaments, Manufacture of coiled coil or double helical. C. J. Smithells. 2,034,540; Mar. 17.
- Filaments or threads, Manufacture of artificial. H. Dreyfus. 2,026,730; Jan. 7.
- Filaments or threads, Production of artificial. R. H. J. Riley, R. H. Parkinson, and H. H. Sims. 2,063,897; Dec. 15.
- Filaments, Preparing artificial. C. Dreyfus and W. Whitehead. 2,060,047; Nov. 10.
- Filaments, Producing artificial. C. Dreyfus and W. Whitehead. 2,036,860; Apr. 7.
- Filaments, Production of artificial. H. Dreyfus. 2,047,313; July 14.
- Filaments, Production of artificial. W. I. Taylor. 2,042,743; June 2.
- Filaments, Spinning of artificial. C. Dreyfus and W. Whitehead. 2,036,861; Apr. 7.
- Filaments, Spinning of artificial. C. Dreyfus and W. Whitehead. 2,065,517; Dec. 29.
- Filaments, Spinning of artificial. C. Dreyfus and W. Whitehead. 2,065,519; Dec. 29.
- Filaments, threads, and the like, Manufacture of artificial. H. Dreyfus. 2,032,565; Mar. 3.
- Filaments, threads, and the like, Treatment of. W. I. Taylor. 2,034,009; Mar. 17.
- Filaments, threads and the like, Winding of. J. W. Lubberhuizen and H. Toehl. 2,034,404; Mar. 17.
- Filaments, threads, bands, and the like, Manufacture and production of colored artificial. S. Robertson. 2,040,712; May 12.
- Filaments, threads, bands, ribbons and the like, from cellulose derivatives, Production of. A. Eichengrün. 2,057,141; Oct. 13.
- Filaments, threads, ribbons, films, and other artificial products, Manufacture of artificial. H. Dreyfus. 2,039,307; May 5.
- Filaments, threads, yarns, ribbons, films, foils, sheets, and like materials, Manufacture of artificial. H. Dreyfus. 2,062,406; Dec. 1.
- Filaments, Treatment of formed. A. Hartmann. 2,062,712; Dec. 1.
- Filaments within electric light globes, Method and mechanism to repair broken. C. J. Seilander. 2,034,960; Mar. 24.
- Filaments, yarns, fabrics, and like materials, Production of. H. Dreyfus. 2,053,766-7; Sept. 8.
- Filaments, yarns, fabrics, and the like. H. Dreyfus. 2,049,430; Aug. 4.
- Filaments, yarns, or threads, Production of artificial. H. Dreyfus, W. A. Dickie and W. I. Taylor. 2,065,124; Dec. 22.
- File. P. J. Murphy. 2,058,347; Oct. 20.
- File. E. B. Perrine. 2,055,219; Sept. 22.
- File and making the same. P. E. Heller. 2,027,039; Jan. 7.
- File, Card. A. Lebeau. 2,034,241; Mar. 17.
- File casing, Reinforced collapsible. S. Scheinman. 2,061,485; Nov. 17.
- File, Curved tooth. P. E. Heller. 2,027,040; Jan. 7.
- File, Desk. G. F. Mattman. 2,056,683; Oct. 6.
- File holder and guide. F. W. Barr. 2,038,628; Apr. 28.
- File, Receipt control. H. W. Clark. 2,029,754; Feb. 4.
- File, Sample and advertising. E. T. Gash. 2,050,308; Aug. 11.
- File, Storage. A. C. Strayer. 2,049,337; July 28.
- File, Visible margin. R. S. Daniel. 2,064,737; Dec. 15.
- Filing apparatus. E. and C. H. Schofield. 2,046,655; July 7.
- Filing card or loose leaf. F. Thomas. 2,039,752; May 5.
- Filing device. D. A. Beeler. 2,042,167; May 26.
- Filing device. H. M. Uhlig. 2,030,728; Feb. 11.
- Filler. H. Grümmer. 2,060,304; Nov. 10.
- Filler and separator for shipping cases, Combination. H. W. Blair. 2,049,349; July 28.
- Filler, Belt clamp. A. B. Ryan. 2,059,401; Nov. 3.
- Filler, Egg case. R. W. Gates. 2,065,447; Dec. 22.
- Filler, Egg crate. W. E. Lincoln. 2,039,486; May 5.
- Filler for grease guns. T. Clemenson. 2,050,648; Aug. 11.
- Filler, marking, and coating composition. T. T. Holt. 2,046,557; July 7.
- Filler valve. G. L. N. Meyer. 2,063,326; Dec. 8.
- Fillers, Apparatus for conditioning shoe bottom. C. F. Eaton. 2,061,226; Nov. 17.
- Filling and capping machine, Combined. S. F. Anderson. 2,029,299; Feb. 4.
- Filling and closing machine. G. J. Huntley and J. S. Bartley. 2,029,823; Feb. 4.
- Filling and closing means for receptacles. G. R. Pierce. 2,055,704; Sept. 29.
- Filling and forming same. J. C. Shotton. 2,035,347; Mar. 24.
- Filling machine. R. B. Bagby. 2,032,163; Feb. 25.
- Filling machine. M. Goldberg. 2,028,657; Jan. 21.
- Filling machine. H. R. Phillips. 2,034,921; Mar. 24.
- Filling machine. H. R. Phillips and H. J. Clarke. 2,049,722; Aug. 4.
- Filling machine, Multiple. H. R. Baldwin. 2,037,691; Apr. 21.
- Filling material. F. R. Grant. 2,040,256; May 12.
- Filling method and apparatus. J. C. Goshorn. 2,032,359; Mar. 3.
- Filling station, Self-serving. J. E. Head. 2,051,597; Aug. 18.
- Fills and inlays in wood, Making. C. A. Crowley. 2,057,882; Oct. 20.
- Film advancing mechanism for motion picture apparatus. A. W. Tondreau. 2,026,660; Jan. 7.
- Film and method of photography, Motion picture. C. B. Dreyer. 2,028,275; Jan. 21.
- Film and picture and producing it, Composite. C. Scott. 2,050,021; Aug. 4.
- Film and picture and producing them, Composite. C. Scott. 2,061,678; Nov. 24.
- Film and producing the same, Spliced. E. I. Sponable. 2,049,523; Aug. 4.
- Film and treating same, Photographic. D. K. Allison. 2,036,994; Apr. 14.
- Film, Apparatus for advancing. G. G. Moreno. 2,041,011; May 19.
- Film, Apparatus for copy lenticular. O. E. Miller. 2,047,282; July 14.
- Film, Apparatus for feeding motion picture. O. Wittel. 2,059,834; Nov. 3.
- Film, Apparatus for intermittently advancing strip. G. G. Moreno. 2,060,334; Nov. 10.
- Film bands, Device for accommodating wound. W. Scupin. 2,041,152; May 19.
- Film-coating means for blades. J. W. Steele. 2,058,366; Oct. 20.
- Film-copying apparatus. K. Wahl. 2,033,499; Mar. 10.
- Film, Cuprammonium cellulose. R. Etzkorn and E. Knehe. 2,035,645; Mar. 31.
- Film cut-out. G. J. Meyers, Jr. 2,059,890; Nov. 3.
- Film drag applying device. W. A. Schulz. 2,064,570; Dec. 15.
- Film drive. C. R. Skinner. 2,054,451; Sept. 15.
- Film drive mechanism. R. F. Brady. 2,032,398; Mar. 3.
- Film driving apparatus. A. J. Bradford. 2,031,817; Feb. 25.
- Film driving apparatus. P. J. Brownscombe. 2,046,723; July 7.
- Film driving device, Cinematographic. A. L. V. C. Debie. 2,027,678; Jan. 14.
- Film driving mechanism for sound picture systems. L. A. Elmer and H. W. MacDougall. 2,033,277; Mar. 10.
- Film drying method and apparatus. D. H. Edwards. 2,046,553; July 7.
- Film extruding press. W. Stelkens. 2,047,395; July 14.
- Film feed apparatus, Intermittent. A. Paillard. 2,061,879; Nov. 24.
- Film feeding device, Motion picture. J. F. Leventhal. 2,044,478; June 16.
- Film feeding mechanism. R. F. Mallina. 2,043,354; June 9.
- Film feeding mechanism for films having sound track. E. Boecking. 2,031,756; Feb. 25.
- Film feeding mechanism, Intermittent. B. R. Carson. 2,059,206; Nov. 3.
- Film for color photography. J. G. Capstaff. 2,026,964; Jan. 7.
- Film for processes in color-cinematography, Lenticulated. H. Frieser and E. Gretener. 2,049,697; Aug. 4.
- Film for the purpose of synchronization, Marking sound and moving picture. R. Schmidt. 2,044,333; June 16.
- Film-forming composition. L. Rosenthal and R. Hebermehl. 2,029,588; Feb. 4.
- Film forming mechanism. E. M. Kratz. 2,039,229; Apr. 28.
- Film framing device. E. Boecking. 2,037,454; Apr. 14.
- Film from plastic material, Producing continuous. H. A. Levey. 2,045,328; June 23.
- Film gate. M. H. Ames. 2,063,016; Dec. 8.
- Film gate. C. N. Batsel and I. J. Larson. 2,032,393; Mar. 3.
- Film gate. E. Boecking. 2,037,453; Apr. 14.
- Film guiding apparatus. R. W. Benfer. 2,038,980; Apr. 28.
- Film handling apparatus. W. D. Foster. 2,051,785; Aug. 18.
- Film handling apparatus. W. D. Foster. 2,051,786; Aug. 18.
- Film handling apparatus. W. D. Foster. 2,051,787; Aug. 18.
- Film handling apparatus. W. D. Foster and F. D. Sweet. 2,051,788; Aug. 18.
- Film handling apparatus. W. D. Foster and F. D. Sweet. 2,056,846; Oct. 6.
- Film handling apparatus. F. D. Sweet and W. D. Foster. 2,036,894; Apr. 7.
- Film handling apparatus. O. Wittel. 2,063,285; Dec. 8.
- Film handling apparatus and control therefor. W. D. Foster and F. D. Sweet. 2,051,036; Aug. 18.
- Film holder and hanger. A. J. Viken. 2,028,262; Jan. 21.
- Film loop control for motion picture machines. P. J. Berggren. 2,045,748; June 30.
- Film lubricating device. G. F. Rackett. 2,044,810; June 23.
- Film magazine. H. N. Fairbanks. 2,051,206; Aug. 18.
- Film magazine. D. F. Lyman. 2,026,984; Jan. 7.
- Film magazine. H. G. Tasker. 2,061,177; Nov. 17.
- Film magazine. L. E. Wiggins. 2,044,267; June 16.
- Film magazine construction. O. Wittel. 2,036,378; Apr. 7.
- Film magazine, Endless. F. H. Owens. 2,039,108; Apr. 28.
- Film magazine, Photographic. A. S. Howell. 2,032,213; Feb. 25.
- Film magazine, spool, and film therefor, Photographic. A. S. Howell. 2,032,214; Feb. 25.
- Film making machine and method. A. J. Davidson. 2,051,201; Aug. 18.



- Film, Making stripping. N. F. Beach. 2,059,843; Nov. 3.  
 Film, Method and apparatus for developing sound record motion picture. M. Tanatar. 2,036,442; Apr. 7.  
 Film, Motion picture. L. A. Elmer and T. E. Shea. 2,048,497; July 21.  
 Film moving mechanism. M. Merta. 2,046,572; July 7.  
 Film, Nonhalation photographic. A. D. Slack. 2,036,440; Apr. 7.  
 Film of aluminium, Colored oxide. W. Anderau. 2,030,236; Feb. 11.  
 Film of moisture, Controlling a. M. B. Goddard. 2,063,672; Dec. 8.  
 Film of the monopack type adapted for color photography, Photographic. H. von Fraunhofer. 2,030,903-4; Feb. 18.  
 Film pack. J. H. S. Parker and W. N. Schuler. 2,059,900; Nov. 3.  
 Film packet, X-ray. L. A. Gideon. 2,049,497; Aug. 4.  
 Film, Phonographic. R. Bernheim. 2,029,979; Feb. 4.  
 Film, Photographic. W. Forstmann. 2,054,284; Sept. 15.  
 Film printing apparatus, Photographic. L. A. Wilson and J. Johnson. 2,044,454; June 16.  
 Film, Printing lenticular. J. Eggert and G. Heymer. 2,064,892; Dec. 22.  
 Film, Printing lenticular. J. Eggert and G. Heymer. 2,065,670; Dec. 29.  
 Film printing machine, Continuous. A. E. Freedmann and A. Zimmerman. 2,045,549; June 23.  
 Film, Production of a colored sound. B. Gaspar. 2,062,304; Dec. 1.  
 Film, Quickproof process. L. G. Simjian. 2,036,369; Apr. 7.  
 Film reel. H. A. De Vry. 2,031,635; Feb. 25.  
 Film reel. R. S. Gavin. 2,065,575; Dec. 29.  
 Film reel. L. Goldhammer. 2,058,438; Oct. 27.  
 Film reel. F. L. Hess. 2,044,569; June 16.  
 Film reel, Moving picture. T. O. Strauss. 2,032,336; Feb. 25.  
 Film rewinder. I. Serrurier. 2,062,016; Nov. 24.  
 Film roll. A. Tanzen. 2,060,956; Nov. 17.  
 Film sheets such as phenol resin, Cutting. E. M. Cummings. 2,035,946; Mar. 31.  
 Film splicing device. I. E. Cohn and W. E. Tait. 2,064,414; Dec. 15.  
 Film stop for cameras, Automatic. C. W. Crumrine. 2,027,332; Jan. 7.  
 Film treatment process. A. I. Mackler. 2,053,621; Sept. 8.  
 Film window shutter, Automatic. J. Mihalyi. 2,043,902; June 9.  
 Filming and coating composition. H. A. Levey. 2,044,220; June 16.  
 Films and filaments, and products thereof, Preparation of. G. W. Rigby. 2,040,880; May 19.  
 Films and film packs, Device for developing cut. F. C. Schnelz. 2,056,298; Oct. 6.  
 Films and foil, Manufacture of. A. H. Chiverton. 2,052,695; Sept. 1.  
 Films and foils of organic cellulose esters, Treatment of. M. Hagedorn and P. Möller. 2,030,983; Feb. 18.  
 Films and making the same, Bridging. M. Greenan. 2,037,893; Apr. 21.  
 Films and resulting product, Making hardened gelatin. B. B. Burbank. 2,046,320; July 7.  
 Films, Apparatus for reproducing goffered. J. G. Captaff. 2,058,409; Oct. 27.  
 Films, Apparatus for taking or projecting lenticulated. F. Fischer, F. Strecker, and H. Neugebauer. 2,029,614; Feb. 4.  
 Films, Arrangement for the copying by projection of lenticulated. K. Rantsch. 2,061,088; Nov. 17.  
 Films by cathode disintegration, Forming thin metallic. J. von Bosse and K. Richter. 2,028,853; Jan. 28.  
 Films by projection, Device for copying lenticulated. K. Rantsch and H. Neugebauer. 2,051,392; Aug. 18.  
 Films, Casting transparent. E. M. Kratz. 2,027,829; Jan. 14.  
 Films, Copying lenticulated. F. Strecker. 2,040,280; May 12.  
 Films, Device for the rewinding of photographic. H. J. Streckmans. 2,031,079; Feb. 18.  
 Films, Feeding strip. A. S. Newman. 2,036,717; Apr. 7.  
 Films, foils, and the like containing cellulose derivatives, Manufacture of. H. Dreyfus. 2,045,348; June 23.  
 Films, foils or skins, Making transparent. F. Eichmann and H. Nerad. 2,027,682; Jan. 14.  
 Films for color photography, Apparatus for the production of lens line-screen. C. Roehrich. 2,048,816; July 28.  
 Films for the making of differential counts, Apparatus for preparing blood. D. J. B. Lubin. 2,029,496; Feb. 4.  
 Films, Making light sensitive. L. T. Troland. 2,044,864; June 23.  
 Films, Manufacture of. A. Weihe. 2,037,292; Apr. 14.  
 Films, Manufacture of glue. G. Eckerbom. 2,057,563; Oct. 13.  
 Films, Manufacture of photographic. H. Le B. Gray. 2,059,862; Nov. 3.  
 Films, Manufacture of rubber. P. H. Watkins. 2,030,729; Feb. 11.  
 Films, Obtainment of photographic sound. R. Berthon. 2,040,237; May 12.  
 Films or plates, Retouching photographic. K. Kipphan. 2,026,899; Jan. 7.  
 Films, Producing combined sound and picture. C. B. Dreyer. 2,055,215; Sept. 22.  
 Films, Production of. C. W. Bonnicksen. 2,030,566; Feb. 11.  
 Films, Production of color cinematograph. J. E. Thornton. 2,040,575; May 12.  
 Films, Rolling device for. M. J. A. Bombrun. 2,039,949; May 5.  
 Films, Synchronizing sound and motion picture. G. I. Roberts and G. H. Rufe. 2,065,028; Dec. 22.  
 Filter: See—  
     Air and like filter. Fabric filter.  
     Air filter. Gas filter.  
     Band-pass filter. Juice extraction filter.  
     Beverage filter. Machine filter.  
     Coffee filter. Magazine fabric filter.  
     Continuous filter. Nasal filter.  
     Continuous rotary filter. Odor filter.  
     Dairy sediment filter. Oil filter.  
     Desk filter. Regenerative filter.  
     Electric wave-filter. Rotary drum filter.  
     Electrical wave filter. Self cleaning filter.  
     Endless conveyer band filter. Unsymmetrical wave filter.  
     Filter. S. Barker. 2,064,403; Dec. 15.  
     Filter. P. Beghetti. 2,052,013; Aug. 25.  
     Filter. C. G. Bennett. 2,041,043; May 19.  
     Filter. J. Bertirotti. 2,055,167; Sept. 22.  
     Filter. H. B. Bryan and A. D. Capehart. 2,039,281; May 5.  
     Filter. R. N. Burckhalter and J. M. Osburn. 2,031,589; Feb. 25.  
     Filter. C. H. Cuno. 2,031,935; Feb. 25.  
     Filter. H. T. Durant and E. O. Stubbings. 2,027,681; Jan. 14.  
     Filter. T. C. Ewell. 2,034,611; Mar. 17.  
     Filter. H. B. Faber and F. A. De Lisle. 2,051,079; Aug. 18.  
     Filter. J. W. FitzGerald. 2,063,086; Dec. 8.  
     Filter. M. A. Goldman. 2,028,061; Jan. 14.  
     Filter. C. W. Hansell. 2,048,067; July 21.  
     Filter. E. C. Hardy. 2,042,308; May 26.  
     Filter. R. D. Hill. 2,047,266; July 14.  
     Filter. F. Jaeger. 2,037,134; Apr. 14.  
     Filter. J. E. Justus. 2,043,379; June 9.  
     Filter. R. P. F. Liddell and L. W. Williams. 2,038,355; Apr. 21.  
     Filter. R. C. Pierce. 2,035,758; Mar. 31.  
     Filter. W. H. Pierce. 2,064,030; Dec. 15.  
     Filter. W. Raisch. 2,027,652; Jan. 14.  
     Filter. W. Raisch. 2,060,896; Nov. 17.  
     Filter. W. Raisch and J. H. Fedeler, Jr. 2,028,949; Jan. 28.  
     Filter. A. Schwiars. 2,041,495; May 19.  
     Filter. E. E. Trafton. 2,065,768; Dec. 29.  
     Filter. C. G. Vokes. 2,057,219; Oct. 13.  
     Filter. A. O. Walker. 2,035,851; Mar. 31.  
     Filter. D. H. Wells. 2,064,510; Dec. 15.  
     Filter. E. F. Wemhoener. 2,048,718; July 28.  
     Filter. J. W. and T. D. Whitfield, and H. Chapman. 2,054,577; Sept. 15.  
     Filter and cooler, Cream. W. F. Badberg. 2,050,148; Aug. 4.  
     Filter and liquid and gas separator. R. T. Smith. 2,048,956; July 28.  
     Filter and making same. R. P. F. Liddell. 2,042,537; June 2.  
     Filter and making the same, Air. C. E. Jacobs. 2,047,634; July 14.  
     Filter and oil cooler, Combined metal plate oil. J. R. Holmes. 2,063,742; Dec. 8.  
     Filter and operating same. E. J. Sweetland. 2,042,564; June 2.  
     Filter and purifier, Water. L. H. Hoop. 2,057,237; Oct. 13.  
     Filter apparatus. M. A. Goldman. 2,028,062; Jan. 14.  
     Filter apparatus and method. H. H. Chesny. 2,041,048; May 19.  
     Filter base, Oil. W. F. Muench. 2,031,327; Feb. 18.  
     Filter circuit. K. Schubert. 2,027,067; Jan. 7.  
     Filter device. L. E. Mallory and J. T. Nash. 2,032,140; Feb. 25.  
     Filter element. H. G. Kamrath. 2,063,743; Dec. 8.  
     Filter for flues, Air. R. A. Gordon and R. H. Falls. 2,050,605; Aug. 11.  
     Filter for liquids. S. H. Attwood. 2,032,828; Mar. 3.  
     Filter for pipes and cigar or cigarette holders. H. R. Segal. 2,033,867; Mar. 10.  
     Filter for removing solids from gases. R. B. Rathbun. 2,057,446; Oct. 13.  
     Filter for restaurants, Oil. C. A. Compton. 2,026,867; Jan. 7.  
     Filter for the spinning of artificial filaments, threads, and the like, Individual. M. Cusin. 2,038,348; Apr. 21.  
     Filter glass holder. F. M. Bowers. 2,055,117; Sept. 22.  
     Filter layer. W. Schneider. 2,036,546; Apr. 7.  
     Filter leaf. H. W. Denhard. 2,061,351; Nov. 17.  
     Filter leaf. M. F. Moran. 2,028,466; Jan. 21.  
     Filter, Manufacture of multicolor. A. Erlach. 2,038,831; Apr. 28.  
     Filter material and making same. C. M. Irwin. 2,066,271; Dec. 29.  
     Filter material around a well point, Installing a bed of. T. G. Griffin. 2,054,748; Sept. 15.



- Filter medium, Impermanent air. V. Dahlman. 2,056,001; Sept. 29.
- Filter press. H. Reitz. 2,048,352; July 21.
- Filter press. A. M. Wilson and O. E. Crosby. 2,045,740; June 30.
- Filter tube. A. J. Barrett. 2,057,814; Oct. 20.
- Filter unit, Air or gas. H. E. Birkholz. 2,029,406; Feb. 4.
- Filter unit for cameras. J. P. Gaty. 2,032,874; Mar. 3.
- Filtering apparatus. D. A. Baker. 2,046,864; July 7.
- Filtering apparatus and method. W. Paterson. 2,053,628; Sept. 8.
- Filtering device. C. J. Coberly and E. M. Wagner. 2,046,770; July 7.
- Filtering device. J. A. Matney. 2,029,078; Jan. 28.
- Filtering device or separator for filter type respirators or the like. N. Schwartz. 2,062,834; Dec. 1.
- Filtering device used in connection with internal combustion engines, or the like. W. Mautner. 2,034,242; Mar. 17.
- Filtering element and producing the same. E. Roberts. 2,061,850; Nov. 24.
- Filtering medium and producing the same. G. J. Esselen and W. F. Talbot. 2,037,370; Apr. 14.
- Filtering or straining apparatus. W. R. Beldam. 2,065,263; Dec. 22.
- Filtermasse washer. J. A. Rheinstrom. 2,061,089; Nov. 17.
- Filters, Device for obturating multicolor. W. Gehrke and G. Strohmeier. 2,041,465; May 19.
- Filters, Forming. C. H. Cuno. 2,031,936; Feb. 25.
- Filtration of infusions, Apparatus for. B. Cassol. 2,053,021; Sept. 1.
- Filtration, Process of. F. W. Manning. 2,055,869; Sept. 29.
- Finder, Monitoring. G. Laube and C. M. Miller. 2,062,585; Dec. 1.
- Finding for a clasp. A. Hurewitz. 2,059,582; Nov. 3.
- Finding for catches or pinstem joints and making same. E. Morehouse. 2,035,091; Mar. 24.
- Finding for clasps. G. W. Jenckes. 2,034,236; Mar. 17.
- Fine-grain developers. J. I. Crabtree and P. W. Vittum. 2,053,516; Sept. 8.
- Fineness modulus indicator. R. H. Johnson. 2,063,506; Dec. 8.
- Fineness of finely divided material, Method of and apparatus for determining a degree of. H. E. T. Haultain. 2,065,695; Dec. 29.
- Fines, Roasting. H. J. Cordy and W. J. Burgoyne. 2,047,995; July 21.
- Finger bar for shear machines, Adjustable. S. Biazzi. 2,039,699; May 5.
- Finger construction for gloves. C. L. Dunn. 2,054,559; Sept. 15.
- Finger moistener. G. H. Horley. 2,034,578; Mar. 17.
- Fingernail polish remover. C. E. Bishop. 2,032,042; Feb. 25.
- Fingerprint characteristics, Transmitting. B. B. Moran. 2,048,879; July 28.
- Fingerprints, Obtaining. J. J. McCarthy. 2,028,619; Jan. 21.
- Finger protector. W. P. Vollmer. 2,039,505; May 5.
- Finger ring. G. A. Armstrong. 2,054,667; Sept. 15.
- Finger ring. A. E. Coleman. 2,029,464; Feb. 4.
- Finger ring. H. Gutknecht. 2,055,791; Sept. 29.
- Finger ring. G. C. Minister. 2,035,562; Mar. 31.
- Finger ring. H. A. Niven and E. Kiff. 2,027,060; Jan. 7.
- Finger ring. J. S. Sessa. 2,055,315; Sept. 22.
- Finish, Air drying imitation leather. H. G. Kittredge and A. J. Turner. 2,037,331; Apr. 14.
- Finish, Bottle. E. A. Ravenscroft. 2,059,910; Nov. 3.
- Finish for rubber goods and making and applying the same. W. F. Gowdy. 2,053,144; Sept. 1.
- Finish, Ornamental surface. E. J. Grison. 2,055,658; Sept. 29.
- Finish removing process. C. Ellis. 2,029,992; Feb. 4.
- Finishes of the paint, varnish, enamel, and lacquer type comprising a baked coating carrying a synthetic resin, Surface. C. Ellis. 2,037,710; Apr. 21.
- Finishes to metal and other materials, Securing adherence of. W. W. Werring and T. S. Huxham. 2,047,758; July 14.
- Finishes to metallic sheets and the like, Applying. R. M. Penton. 2,056,424; Oct. 6.
- Finishing machine. G. A. Carlson. 2,059,724; Nov. 3.
- Finishing machine. R. Monforte. 2,045,331; June 23.
- Finishing screed, Vibrating. S. S. Dodds. 2,034,942; Mar. 24.
- Finishing system. H. J. Barrett. 2,063,078; Dec. 8.
- Finger ring. E. Kiff. 2,065,811; Dec. 29.
- Fire alarm. J. W. Alexander. 2,029,402; Feb. 4.
- Fire alarm. G. H. Davis. 2,048,630; July 21.
- Fire alarm. C. N. Kalstrom and B. S. Pope. 2,059,113; Oct. 27.
- Fire alarm device. C. J. Rohland. 2,043,122; June 2.
- Fire alarm, Electrical. R. P. Jameson. 2,053,082; Oct. 20.
- Fire alarm switch. P. G. Backes. 2,036,388; Apr. 7.
- Fire alarm system. O. I. H. Ekman. 2,028,653; Jan. 21.
- Fire alarm system. F. Reid. 2,052,057; Aug. 25.
- Firearm. F. F. Burton. 2,037,065; Apr. 14.
- Firearm. G. H. Garrison. 2,032,929; Mar. 3.
- Firearm. M. A. Gill. 2,042,934; June 2.
- Firearm. C. C. Loomis. 2,039,814; May 5.
- Firearm. C. C. Loomis. 2,047,789; July 14.
- Firearm. L. Marquis, Jr. 2,046,523; July 7.
- Firearm. G. H. North and R. J. Baker. 2,031,785; Feb. 25.
- Firearm. U. Onorati. 2,041,015; May 19.
- Firearm. G. Sandine. 2,059,658; Nov. 3.
- Firearm, Automatic. G. End and J. Gaetzi. 2,031,305; Feb. 18.
- Firearm, Automatic. G. End. 2,052,287; Aug. 25.
- Firearm, Automatic. F. T. Moore. 2,050,538; Aug. 11.
- Firearm, Automatic. G. Norman. 2,053,489; Sept. 8.
- Firearm, Automatic. E. A. Swenson. 2,057,169; Oct. 13.
- Firearm equipment for aircraft. E. Zindel. 2,029,692; Feb. 4.
- Firearm, Gas controlled automatic. C. Sutter and E. A. Dugied. 2,052,368; Aug. 25.
- Firearm, Repeating. J. Browning. 2,050,038; Aug. 4.
- Firearm, Repeating. A. A. Dicke. 2,035,539; Mar. 31.
- Firearm sight. I. O. Mossberg. 2,030,312; Feb. 11.
- Firearm sight construction. C. J. Jefferson. 2,039,907; May 5.
- Firearm, Upturn-and-pullback bolt-action. O. F. Mossberg. 2,030,149; Feb. 11.
- Firearms, Finger rest for. A. P. Curtis. 2,036,925; Apr. 7.
- Firearms, Recoil-absorbing device for. N. Galliot. 2,065,273; Dec. 22.
- Firearms, Safety release mechanism for. C. H. Lepp. 2,041,661; May 19.
- Firebox superheater. A. B. Blome. 2,032,396; Mar. 3.
- Fire control apparatus, Multistage. W. A. Ray. 2,038,675; Apr. 28.
- Fire control computer. S. G. Myers and E. W. Chafee. 2,057,261; Oct. 13.
- Fire engine. C. H. Fox. 2,037,774; Apr. 21.
- Fire escape. G. A. Applegarth. 2,046,762; July 7.
- Fire escape. B. Gilowitz. 2,029,419; Feb. 4.
- Fire escape device. A. R. Burke. 2,051,516; Aug. 18.
- Fire extinguisher. J. Neumann. 2,057,840; Oct. 20.
- Fire extinguisher. F. C. Rahlmann. 2,030,468; Feb. 11.
- Fire extinguisher. C. A. Thomas and C. A. Hochwalt. 2,063,772; Dec. 8.
- Fire extinguisher and blowout preventer. M. Belcher. 2,041,394; May 19.
- Fire extinguishing and alarm apparatus. E. A. Lowe and J. R. Hamilton. 2,027,051; Jan. 7.
- Fire extinguishing apparatus. V. J. Hill, Jr., H. E. Heigis, and A. Towart, Jr. 2,066,290; Dec. 29.
- Fire extinguishing apparatus. E. A. Lowe. 2,044,313; June 16.
- Fire extinguishing apparatus. D. Mapes. 2,031,965; Feb. 25.
- Fire extinguishing apparatus. D. Mapes. 2,044,438; June 16.
- Fire extinguishing apparatus. B. Pålsson. 2,029,336; Feb. 4.
- Fire extinguishing foam, Method and apparatus for producing. L. G. M. Timpson. 2,057,218; Oct. 13.
- Fire extinguishing foam, Production of. L. C. Miller. 2,045,400; June 23.
- Fire extinguishing system. S. E. Allen. 2,050,687; Aug. 11.
- Fire extinguishing system. S. E. Allen. 2,059,190; Nov. 3.
- Fire extinguishing system. D. A. Gillen. 2,053,075; Sept. 1.
- Fire fighting apparatus, Portable. I. H. Hatten. 2,044,687; June 16.
- Fire-fighting system. W. F. Conran. 2,049,760; Aug. 4.
- Fire hose rack. G. D. Waller. 2,047,342; July 14.
- Fire hose reel, Automatic. V. E. Davis. 2,053,654; Sept. 8.
- Fire-hose support. O. Ruehmann. 2,045,966; June 30.
- Fire kindler. F. V. Chaney. 2,059,208; Nov. 3.
- Fireplace heater. A. B. Modine. 2,052,643; Sept. 1.
- Fireplace heater. H. E. Smith. 2,059,539; Nov. 3.
- Fireplace heater attachment. W. R. Dobbins. 2,043,429; June 9.
- Firepot. C. J. Moir. 2,036,599; Apr. 7.
- Firepot construction. E. Greenfield and F. J. Thibault. 2,064,535; Dec. 15.
- Fireproofing. R. G. Quinn. 2,030,653; Feb. 11.
- Fire protection system and apparatus, Automatic. H. E. Heigis. 2,033,073; Mar. 3.
- Fire resistant composition. E. R. Hanson. 2,028,715; Jan. 21.
- Fireworks article, Automatically righting. A. Cimorosi. 2,058,567; Oct. 27.
- Fireworks tube container. R. B. Whiteside. 2,053,454; Sept. 8.
- Fires, Apparatus for extinguishing. W. Tappe. 2,064,278; Dec. 15.
- Fires, Extinguishing oil well. J. N. Hasse. 2,045,772; June 30.
- Fires on board ships, Device for extinguishing. R. Pugnet. 2,055,590; Sept. 29.
- Firing mechanism. G. M. McCann and C. T. Kohler. 2,044,008; June 16.
- Firing mechanism for automatic firearms. H. Lauf. 2,044,219; June 16.
- Firing mechanism for machine guns. F. T. Moore and G. H. Tansley. 2,050,539; Aug. 11.
- Fish boning device. H. L. Nelms. 2,030,463; Feb. 11.
- Fish, Canning. E. David and A. F. Schmidt. 2,055,230; Sept. 22.
- Fish canning machine. S. S. Jacobs and W. E. Rooney. 2,037,724; Apr. 21.
- Fish-canning machine. W. E. Rooney. 2,039,350; May 5.



- Fish canning machine. W. E. Rooney. 2,044,813; June 23.
- Fish-cleaning wheel. E. H. Waugh. 2,054,576; Sept. 15.
- Fish cooking method. P. D. V. Manning, D. D. Peebles, and A. H. Potbury. 2,060,232; Nov. 10.
- Fish cutting machine. R. F. Jones. 2,048,701; July 28.
- Fish holder. B. F. Smith and J. H. De Fee. 2,064,696; Dec. 15.
- Fishhook. R. B. Edmondson. 2,047,676; July 14.
- Fishhook. R. R. Gould. 2,054,976; Sept. 22.
- Fishhook. L. Pachner and F. Koller. 2,051,651; Aug. 18.
- Fish hook and spear combination. Y. Okamoto and M. Mayeda. 2,051,737; Aug. 18.
- Fishhook extricator. W. A. Behr. 2,054,236; Sept. 15.
- Fishline. W. J. Moore. 2,065,606; Dec. 29.
- Fishline reel holder. C. J. Clarke. 2,038,344; Apr. 21.
- Fishline supporting and reeling device. N. D. Hathaway. 2,064,428; Dec. 15.
- Fish lure. C. Bryan. 2,037,310; Apr. 14.
- Fish lure. W. J. DeWitt. 2,028,050; Jan. 14.
- Fish lure. W. J. De Witt. 2,064,419; Dec. 15.
- Fish lure. C. W. Du Bois. 2,045,703; June 30.
- Fish lure. A. W. Hauffman and T. Zetterberg. 2,043,244; June 9.
- Fish lure. C. Helin. 2,033,829; Mar. 10.
- Fish lure. F. Knill. 2,038,940; Apr. 28.
- Fish lure. E. Liotta. 2,028,983; Jan. 28.
- Fish lure. W. G. Marsh. 2,053,954; Sept. 8.
- Fish lure. M. M. Peterson. 2,036,075; Mar. 31.
- Fish lure. G. E. Rayercraft. 2,034,832; Mar. 24.
- Fish net. J. J. Itczak. 2,055,218; Sept. 22.
- Fish pack and packing fish. P. S. Wetmore. 2,041,986; May 26.
- Fish plate for laterally joining two or more metallic strips. A. B. Ralson. 2,029,635; Feb. 4.
- Fish product and treating fish. H. E. Bergen. 2,058,849; Oct. 27.
- Fish screen, Self-cleaning. E. Damman. 2,056,445; Oct. 6.
- Fish stringer. J. R. Plasters. 2,047,834; July 14.
- Fish stringer. J. M. Withey. 2,062,386; Dec. 1.
- Fish, Treating. C. S. Ash and P. Berglund. 2,064,872; Dec. 22.
- Fishing apparatus. H. E. Blecker. 2,064,408; Dec. 15.
- Fishing apparatus. A. Johnson. 2,030,875; Feb. 18.
- Fishing appliance. G. Rojo. 2,057,595; Oct. 13.
- Fishing bobber. C. C. Stuck. 2,043,817; June 9.
- Fishing device. J. P. Gibbs. 2,033,701; Mar. 10.
- Fishing device, Night. H. Kozikowski. 2,032,537; Mar. 3.
- Fishing device, Surf. E. A. Azzara. 2,031,811; Feb. 25.
- Fishing float. G. C. Walberg. 2,052,262; Aug. 25.
- Fishing fly, Artificial. J. H. Meinecke. 2,033,530; Mar. 10.
- Fishing harness. W. F. Baxter. 2,060,751; Nov. 10.
- Fishing leader. J. Heidrich. 2,060,499; Nov. 10.
- Fishing line drier, Folding. B. Johnson. 2,041,249; May 19.
- Fishing line submerger. O. Kallberg. 2,062,718; Dec. 1.
- Fishing lure. J. W. Murray. 2,036,954; Apr. 7.
- Fishing lure, Artificial. C. E. Delk. 2,066,254; Dec. 29.
- Fishing net. O. Dahl. 2,056,772; Oct. 6.
- Fishing pole holder. O. E. Hair. 2,027,772; Jan. 14.
- Fishing reel. W. L. Adams. 2,055,447; Sept. 22.
- Fishing reel. W. L. Adams. 2,059,765; Nov. 3.
- Fishing reel. W. G. Balz. 2,057,178; Oct. 13.
- Fishing reel. J. C. Berry. 2,028,311; Jan. 21.
- Fishing reel. F. Burdick. 2,048,835; July 28.
- Fishing reel. F. M. Case. 2,055,451; Sept. 22.
- Fishing reel. R. M. James. 2,051,259; Aug. 18.
- Fishing reel. F. A. King. 2,054,823; Sept. 22.
- Fishing reel. H. F. Marnes. 2,027,053; Jan. 7.
- Fishing reel. H. F. Maynes. 2,027,305; Jan. 7.
- Fishing reel. H. F. Maynes. 2,040,777; May 12.
- Fishing reel. H. F. Maynes. 2,055,358; Sept. 22.
- Fishing reel. J. V. Schafer. 2,035,924; Mar. 31.
- Fishing reel. J. V. Schafer. 2,049,666; Aug. 4.
- Fishing reel. M. Shakespeare. 2,042,737; June 2.
- Fishing reel. W. Shakespeare, Jr. 2,035,279; Mar. 24.
- Fishing reel. M. Stringer. 2,054,306; Sept. 15.
- Fishing reel. R. G. Wenzel. 2,059,763; Nov. 3.
- Fishing rod. F. S. Harris. 2,034,901; Mar. 24.
- Fishing rod. J. R. Howard and B. Biggers. 2,029,484; Feb. 4.
- Fishing rod handle. R. R. McKechnie, Jr. 2,057,535; Oct. 13.
- Fishing rod holder. A. S. Haislip. 2,055,842; Sept. 29.
- Fishing rods, Device for holding. E. A. Raithel. 2,033,007; Mar. 3.
- Fishing tackle. C. Dantszen. 2,032,919; Mar. 3.
- Fishing tackle accessory. R. A. Arens. 2,062,245; Nov. 24.
- Fishing tool. W. H. Dumble. 2,026,778; Jan. 7.
- Fishing tool. J. C. Wright and J. H. Howard. 2,054,278; Sept. 15.
- Fitting. D. E. Lindquist. 2,039,542; May 5.
- Fitting. J. C. Steiner. 2,059,154; Oct. 27.
- Fitting and manufacturing the same. D. E. Lindquist, A. W. Brown, and E. Whybrew. 2,057,038; Oct. 13.
- Fitting, Automatic ball closing. C. T. Bard. 2,030,019; Feb. 4.
- Fitting, Electric. F. A. Reno. 2,056,806; Oct. 6.
- Fitting, Electrical disconnecting. R. T. Roth. 2,049,749; Aug. 4.
- Fitting for automobile brake controls, End. G. A. Gleason. 2,040,987; May 19.
- Fitting for fluid pressure systems. B. Dick. 2,054,652; Sept. 15.
- Fitting for hydraulic brake systems. B. Dick. 2,062,449; Dec. 1.
- Fitting for lubrication, Pressure. J. F. MacIndoe. 2,059,701; Nov. 3.
- Fitting for tubes, Flexible. A. L. Parker. 2,035,978; Mar. 31.
- Fitting, Return bend. R. Burke. 2,039,388; May 5.
- Fitting, Return bend. C. B. Harbison. 2,043,436; June 9.
- Fitting, Service entrance. H. E. Miller. 2,035,331; Mar. 24.
- Fitting, Supply and waste. C. J. Kohler. 2,044,249; June 16.
- 5-halogen-2-aminotoluenes, Production of. R. L. Perkins. 2,031,666; Feb. 25.
- 5-tertiarybutyl-1-mercapto-benzo-thiazole and making same. E. C. Britton and A. J. Dietzler. 2,042,205; May 26.
- Fixed dual condenser. P. Hetenyl. 2,053,334; Sept. 8.
- Fixture. G. Adolfson. 2,048,313; July 21.
- Fixture, Bathroom. R. C. Hazeltine. 2,043,540; June 9.
- Fixture for assembling rubber articulated joints. J. P. Tarbox. 2,031,797; Feb. 25.
- Fixture for gears. M. M. Matchett. 2,045,156; June 23.
- Fixture housing, Floor outlet. E. B. Sargent. 2,029,393; Feb. 4.
- Fixture support. G. Arras. 2,052,069; Aug. 25.
- Fixture support. F. R. Ernst. 2,059,858; Nov. 3.
- Fixture support. D. G. Saaf. 2,046,184; June 30.
- Flag holder. J. W. Lane. 2,061,361; Nov. 17.
- Flag lock. O. G. Saunders and G. A. Christ. 2,061,636; Nov. 24.
- Flag shaft throwing mechanism, Electrically operated. G. C. Coil. 2,062,553; Dec. 1.
- Flake filling mechanism for spinning frames. I. B. McKeown. 2,046,919; July 7.
- Flame heating, Luminous. W. A. Morton. 2,056,531; Oct. 6.
- Flame-producing mechanism and associated receptacle. L. V. Aronson. 2,033,108; Mar. 10.
- Flame propagation analyzer. A. E. Krogh. 2,052,181; Aug. 25.
- Flap for aircraft, Trimming and balancing. R. J. Minshall and R. L. Cram. 2,045,667; June 30.
- Flap, Split. F. E. Weick. 2,043,275; June 9.
- Flare. S. Wiley. 2,044,024; June 16.
- Flare. S. Wiley. 2,060,841; Nov. 17.
- Flash drier. J. Crites. 2,033,757; Mar. 10.
- Flash lamp. K. May. 2,057,583; Oct. 13.
- Flash lamp. J. A. M. van Lempt. 2,037,101; Apr. 14.
- Flashlight. G. H. Barber and G. B. Pratt. 2,040,423; May 12.
- Flashlight. F. T. Hoeck. 2,034,188; Mar. 17.
- Flashlight. G. Maier. 2,029,578; Feb. 4.
- Flashlight and lighter, Combined. O. C. Britisch. 2,066,028; Dec. 29.
- Flashlight and warning signal, Combined. W. E. Martin. 2,049,069; July 28.
- Flashlight apparatus. P. Olds. 2,034,482; Mar. 17.
- Flashlight apparatus. P. Olds. 2,061,248; Nov. 17.
- Flashlight attachment for gasoline hose nozzles. R. L. Boring. 2,042,385; May 26.
- Flashlight device. C. Albers. 2,028,428; Jan. 21.
- Flashlight device. A. Fröhlich. 2,034,029; Mar. 17.
- Flash-light display rack. O. P. Storch. 2,028,026; Jan. 14.
- Flashlight, Electric. G. C. Fullmer. 2,065,307; Dec. 22.
- Flashlight holding device. H. Golden. 2,041,332; May 19.
- Flashlight synchronizing device. G. A. Ley. 2,047,877; July 14.
- Flashlights, Adjustable head for. W. Dabgin. 2,029,861; Feb. 4.
- Flash remover. D. E. Jenkins. 2,053,831; Sept. 8.
- Flash roasting. H. Freeman. 2,030,628; Feb. 11.
- Flashing. L. Friedberg. 2,041,329; May 19.
- Flashing. H. H. Habicht. 2,056,317; Oct. 6.
- Flashing. A. S. Weinstein. 2,027,133-4; Jan. 7.
- Flashing assembly. W. A. Weaver. 2,057,462; Oct. 13.
- Flashing, Metal. H. Callaway. 2,062,050; Nov. 24.
- Flashing on concrete, Nail-on counter. L. S. Wilson. 2,057,285; Oct. 13.
- Flashing structure. L. A. O'Brien. 2,055,260; Sept. 22.
- Flashings, Method and apparatus for bending ribbed sheet metal. A. Cheney. 2,046,608; July 7.
- Flask and cup, Combination. H. G. McCarty. 2,058,336; Oct. 20.
- Flask, Dental. R. Berk. 2,059,928; Nov. 3.
- Flask filling apparatus. W. F. Piper. 2,054,338; Sept. 15.
- Flask for vulcanizing teeth, Dental. A. Field. 2,043,475; June 9.
- Flask, Foundry. I. R. Smith. 2,065,348; Dec. 22.
- Flatcar. A. F. Klasing. 2,042,260; May 26.
- Flat, Egg. R. Guyer. 2,055,379; Sept. 22.
- Flat hosiery frame. W. Rottloff. 2,036,775; Apr. 7.
- Flatiron. W. J. Sarringar. 2,036,504; Apr. 7.
- Flatiron. W. M. Schwartz. 2,029,948; Feb. 4.
- Flatiron and other heated apparatus. J. Landberg. 2,057,385; Oct. 13.
- Flatiron attachment. A. Kowalski. 2,033,580; Mar. 10.
- Flatiron, Automatic. E. A. Roehl, F. W. Carpenter, and M. L. Warner. 2,052,662; Sept. 1.
- Flatirons and the like, Manufacturing. J. W. Myers. 2,053,405; Sept. 8.
- Flat knitting frame. A. Richter. 2,038,449; Apr. 21.



- Flat knitting machine. W. Heintz. 2,038,735; Apr. 28.  
 Flat screen. C. L. Durkee. 2,054,968; Sept. 22.  
 Flavanthrone, Producing. F. L. English. 2,062,450; Dec. 1.  
 Flavoring material. A. A. Lund. 2,046,567; July 7.  
 Flavoring of foodstuffs. L. P. Kyrides and H. H. Re-tailiau. 2,027,387; Jan. 14.  
 Flaw detection. A. H. Davis, Jr. 2,065,119; Dec. 22.  
 Flaw detector mechanism. W. M. Perry. 2,061,979; Nov. 24.  
 Flaws, Detecting. H. C. Drake. 2,031,469; Feb. 18.  
 Flaws in electrical conductors, Detecting. L. J. DeLanty. 2,030,101; Feb. 11.  
 Flexible article. D. E. Strain. 2,046,886; July 7.  
 Flexible conduit connector. B. T. Wiechers. 2,065,297; Dec. 22.  
 Flexible coupling. R. Henry. 2,062,575; Dec. 1.  
 Flexible coupling. A. L. Lee. 2,042,608; June 2.  
 Flexible coupling. J. F. McCann. 2,051,770; Aug. 18.  
 Flexible coupling. M. T. Schumb. 2,060,473; Nov. 10.  
 Flexible coupling. G. H. Thomas. 2,060,140; Nov. 10.  
 Flexible coupling. H. A. Thrush. 2,054,009; Sept. 8.  
 Flexible coupling. J. S. Tully. 2,027,499; Jan. 14.  
 Flexible coupling. P. R. Yates. 2,038,466; Apr. 21.  
 Flexible flotation gear. G. A. Luburg, E. Molloy, and F. E. Flader. 2,064,674; Dec. 15.  
 Flexible hose support. G. E. Bronson. 2,034,558; Mar. 17.  
 Flexible inflated device. F. G. Manson. 2,046,335; July 7.  
 Flexible metal tube. R. Debenedetti. 2,039,781; May 5.  
 Flexible metal tube. R. Debenedetti. 2,044,900; June 23.  
 Flexible pocket receptacle. W. R. Buxton. 2,030,496; Feb. 11.  
 Flexible shaft coupling. J. L. Taylor. 2,041,218; May 19.  
 Flight attitude and movement indicator. D. B. Howard, and K. B. Wolfe. 2,055,495; Sept. 29.  
 Flight apparatus. J. E. L. Hall. 2,031,310; Feb. 18.  
 Flight instrument, Combination. W. L. Smith. 2,063,764; Dec. 8.  
 Flight meter. E. J. Rogers. 2,041,151; May 19.  
 Flinging device for ball games. R. B. Philipp. 2,029,790; Feb. 4.  
 Flints, Making pyrophoric. C. H. Van Dusen, Jr., and E. C. Dietrich. 2,062,486; Dec. 1.  
 Float. C. W. Webber. 2,051,281; Aug. 18.  
 Float control. L. C. Beadle. 2,029,405; Feb. 4.  
 Float for fishing lines. V. Cantini. 2,041,322; May 19.  
 Float for water gauges. H. G. Hohwiesner. 2,036,699; Apr. 7.  
 Float light. H. C. Clauser. 2,055,277; Sept. 22.  
 Float mechanism for bottle fillers, Adjustable. J. Kantor. 2,040,384; May 12.  
 Float switch. C. Morrow. 2,055,501; Sept. 29.  
 Float switch. H. A. Palmer. 2,054,205; Sept. 15.  
 Float switch. J. Paolini. 2,057,586; Oct. 13.  
 Float valve. A. Curioni. 2,035,300; Mar. 24.  
 Float Valve. A. Karges. 2,059,359; Nov. 3.  
 Float valve. A. P. Ricard. 2,040,272; May 12.  
 Float valve. V. E. Schmiedeknecht. 2,044,816; June 23.  
 Float valve, Nonsiphoning. V. E. Schmiedeknecht. 2,046,792; July 7.  
 Floating bearing. W. Stahlecker. 2,034,670; Mar. 17.  
 Floating tool holder. W. M. Ziegler. 2,042,648; June 2.  
 Floats for fishing nets and the like. W. H. Webster. 2,049,789; Aug. 4.  
 Flocculation in oil well strata, Producing. A. G. Loomis. 2,042,011; May 26.  
 Flock, Apparatus for applying. W. B. Thompson. 2,041,627; May 19.  
 Flock, Apparatus or tool for applying. W. B. Thompson. 2,064,505; Dec. 15.  
 Floodlight. R. B. Benjamin. 2,040,821; May 19.  
 Floor. C. A. Hach. 2,029,713; Feb. 4.  
 Floor. A. M. Isaacson. 2,029,721; Feb. 4.  
 Floor. R. H. McCarthy. 2,029,732; Feb. 4.  
 Floor and roof construction. D. Brown. 2,045,117; June 23.  
 Floor block. C. C. Fulbright. 2,031,596; Feb. 25.  
 Floor clip. J. A. MacLean. 2,030,216; Feb. 11.  
 Floor cleaning appliance. A. J. Babbs. 2,043,878; June 9.  
 Floor construction. A. J. Wernette. 2,040,350; May 12.  
 Floor construction for bridges and the like. J. P. Growdon. 2,050,313; Aug. 11.  
 Floor construction, Waterproof and fireproof. O. S. Bowman. 2,031,249; Feb. 18.  
 Floor covering and the like. G. W. Blair and J. F. Schott. 2,032,832; Mar. 3.  
 Floor covering composition. E. Eichert. 2,033,421; Mar. 10.  
 Floor covering or rug. R. J. Jackson. 2,037,511; Apr. 14.  
 Floor, Fabricated wood. F. W. Cherry. 2,057,135; Oct. 13.  
 Floor, Freight car. H. Idoine. 2,056,137; Sept. 29.  
 Floor leveler for elevators. O. F. Shepard. 2,057,210; Oct. 13.  
 Floor machine. H. S. Boulton. 2,065,560; Dec. 29.  
 Floor machine. F. C. Hild. 2,039,903; May 5.  
 Floor machine. R. A. Ponselle. 2,045,406; June 23.  
 Floor polishing machine. E. S. Stinsman. 2,041,442; May 19.  
 Floor protection for railway cars. C. D. Bonsall. 2,060,164; Nov. 10.  
 Floor sanding machine. H. L. Myers. 2,031,665; Feb. 25.  
 Floor, Sectional. C. Tramill. 2,033,404; Mar. 10.  
 Floor supporting means. V. Di Giacomo. 2,060,046; Nov. 10.  
 Floor surfacing machine. F. E. Wadhams. 2,047,158; July 7.  
 Floor surfacing structure. D. H. Spitzli. 2,034,927; Mar. 24.  
 Floor treating device. J. Walker. 2,033,661; Mar. 10.  
 Floor treating mechanism. A. E. Moorhead. 2,041,140; May 19.  
 Floor valve. W. E. Sloan. 2,053,640; Sept. 8.  
 Floor waxing device. H. C. Thompson. 2,061,216; Nov. 17.  
 Floor, Wood. F. E. Bruce. 2,029,808; Feb. 4.  
 Flooring. C. G. Branstrator. 2,052,213; Aug. 25.  
 Flooring. L. F. Urbain. 2,046,593; July 7.  
 Flooring and the like. A. W. Lawrence, Jr. 2,038,433; Apr. 21.  
 Flooring, Block. B. C. Rockwell. 2,027,292; Jan. 7.  
 Flooring, Flexible wood. A. Elmendorf. 2,045,382; June 23.  
 Flooring material. A. L. Clapp. 2,033,325; Mar. 10.  
 Flooring material and making same. H. W. Richter. 2,026,594; Jan. 7.  
 Flooring material, Composite. H. C. Harvey. 2,035,884; Mar. 31.  
 Flooring, Metallic. G. L. Dresser. 2,050,935; Aug. 11.  
 Flooring, Wood. G. E. Murphy and W. M. Hippler. 2,037,259; Apr. 14.  
 Flooring, Wood block. E. L. Bruce, Jr. 2,054,015; Sept. 8.  
 Floors, Construction of terrazo and like. H. F. Wieger. 2,045,936; June 30.  
 Floors, Finishing. F. H. Lyons. 2,066,296; Dec. 29.  
 Floors, Laying tile. E. B. Gates. 2,050,001; Aug. 4.  
 Floral rack. F. A. Gilmore. 2,050,171; Aug. 4.  
 Flotation. M. W. MacAfee. 2,060,815; Nov. 17.  
 Flotation. M. W. MacAfee. 2,061,201; Nov. 17.  
 Flotation apparatus. A. C. Daman. 2,031,590; Feb. 25.  
 Flotation device, Inflatable. D. Mapes. 2,040,616; May 12.  
 Flotation device, Inflatable. D. Mapes. 2,041,662; May 19.  
 Flotation machine. R. P. Akins. 2,028,179; Jan. 21.  
 Flotation reagent. L. J. Christmann and D. W. Jayne, Jr. 2,043,192; June 2.  
 Flotation reagent. F. T. Whitworth. 2,038,400; Apr. 21.  
 Flotation separation apparatus. L. L. Mayer and R. M. Hale. 2,047,643; July 14.  
 Flotation frother. L. J. Christmann and D. W. Jayne, Jr. 2,065,053; Dec. 22.  
 Flour and dough, Recovering waste. P. A. Dubus. 2,062,215; Nov. 24.  
 Flour and like materials, Handling and shipping. G. C. Woodruff. 2,063,652; Dec. 8.  
 Flour, Apparatus for producing whole wheat or like. H. K. Pinkerton and G. A. Tipton. 2,058,175; Oct. 20.  
 Flour products, Apparatus for the treatment of various. S. Wood. 2,060,408; Nov. 10.  
 Flour with changed flavor and the product thereof, Producing a soya. M. Cohn. 2,052,215; Aug. 25.  
 Flow bean. D. G. Lorraine. 2,051,307; Aug. 18.  
 Flow bean valve. F. J. Schweitzer. 2,061,852; Nov. 24.  
 Flow control. K. W. Rausch. 2,032,853; Mar. 3.  
 Flow control device. A. Kingsley. 2,054,632; Sept. 15.  
 Flow control means. L. W. Eggleston. 2,060,185; Nov. 10.  
 Flow control mechanism. C. M. Stein. 2,044,646; June 16.  
 Flow controlling device. J. D. Lalor. 2,037,663; Apr. 14.  
 Flow controlling device for refrigerating systems. D. F. Newman. 2,056,016; Sept. 29.  
 Flow controlling device for refrigerating systems. C. Steenstrup. 2,056,022; Sept. 29.  
 Flow controlling unit for gas burners. N. T. Branche. 2,036,849; Apr. 7.  
 Flow from curved surfaces, Preventing the separation of the. E. A. Stalker. 2,037,940; Apr. 21.  
 Flow in substances, Causing cold. C. H. Howland-Shearman. 2,039,840; May 5.  
 Flow indicating meter. A. D. MacLean and C. B. Johnson. 2,052,720; Sept. 1.  
 Flow indicator. K. Muhleisen. 2,029,633; Feb. 4.  
 Flow lines, Method and apparatus for governing. W. E. Leibing. 2,026,947-8; Jan. 7.  
 Flow meter. P. F. K. Erbguth. 2,056,177; Oct. 6.  
 Flow meter. A. J. Fisher. 2,052,022; Aug. 25.  
 Flow meter. F. Korlandt. 2,038,511; Apr. 21.  
 Flow meter. E. R. Schofield. 2,033,306; Mar. 10.  
 Flow meter. G. H. Wotring. 2,032,245; Feb. 25.  
 Flow of automobile fuel pumps, Apparatus for measuring the. B. J. Haskins. 2,062,173; Nov. 24.  
 Flow of fluid materials, Apparatus and method for controlling. A. W. Keen. 2,057,032; Oct. 13.  
 Flow of liquids in pipe or conduit systems, Stabilizing the fluctuating. A. Arutunoff. 2,051,019; Aug. 18.  
 Flow proportioning means. A. F. Spitzglass. 2,052,512; Aug. 25.  
 Flow regulating valve. M. H. Grove. 2,042,781; June 2.  
 Flow restrictor for heating systems. W. K. Simpson. 2,052,992; Sept. 1.  
 Flow retarding device, Quiet. W. F. Peterson and A. U. Walter. 2,037,737; Apr. 21.  
 Flow shut-off mechanism. W. S. Brubaker and A. J. Saarinen. 2,055,964; Sept. 29.  
 Flower and method of and apparatus for making the same, Artificial. S. H. Rogers. 2,054,605; Sept. 15.



- Flower container. G. B. Hart. 2,047,321; July 14.  
 Flower exhibiting device. R. W. Simpson. 2,046,854; July 7.  
 Flower, fruit, and vegetable gathering tool. G. W. Conlee. 2,064,105; Dec. 15.  
 Flower holder. J. H. Luft. 2,043,297; June 9.  
 Flower holder. Z. Oshiro. 2,057,537; Oct. 13.  
 Flower holder. C. H. Pitcher. 2,052,940; Sept. 1.  
 Flower holder. I. M. Sinclair. 2,029,643; Feb. 4.  
 Flower holder. E. Stone. 2,057,856; Oct. 20.  
 Flower holder. C. B. Taber. 2,035,001; Mar. 24.  
 Flower-holding device, Ornamental. K. Shinoda. 2,041,681; May 19.  
 Flower-making device, Artificial. R. N. Burton. 2,062,276; Nov. 24.  
 Flowerpot. H. J. Judd. 2,045,189; June 23.  
 Flowerpot, Artificial. M. Kaplan. 2,062,577; Dec. 1.  
 Flowerpot making machine. C. W. Schmidt. 2,029,084; Jan. 28.  
 Flowerpot, Self-fertilizing. H. Steinbach. 2,028,255; Jan. 21.  
 Flower stand. E. Österlund. 2,050,893; Aug. 11.  
 Flower support. R. E. Wendell and F. Hlavacek, Jr. 2,029,043; Jan. 28.  
 Flowering and fruit formation in plants, Method of and material for forcing. K. R. Kerns. 2,047,874; July 14.  
 Flowers fresh, Keeping cut. J. Weissflog. 2,042,974; June 2.  
 Flue and regenerative by-product coke oven, Paired. P. M. Pinckard. 2,049,136; July 28.  
 Flue cleaner. E. W. Jacobson. 2,026,680; Jan. 7.  
 Flue cleaning device. H. I. Piatt. 2,041,779; May 26.  
 Flue cleaning machine. T. J. Jackson and J. A. Bekemans. 2,027,173; Jan. 7.  
 Flue cover. R. L. Loven. 2,033,435; Mar. 10.  
 Flue for gas ranges, Adjustable. J. Becvar. 2,044,761; June 23.  
 Flue structure. S. J. Lonergan. 2,057,154; Oct. 13.  
 Fluid actuated jack, Vehicle. A. H. Connell. 2,050,690; Aug. 11.  
 Fluid, Apparatus and process for treating gaseous. J. F. Wait. 2,036,899; Apr. 7.  
 Fluid, Apparatus for controlling pressure. R. Beck and J. Briscoe. 2,059,722; Nov. 3.  
 Fluid apportioning and dispensing device. A. R. Thompson. 2,034,964; Mar. 24.  
 Fluid brake. W. Fillingier. 2,061,147; Nov. 17.  
 Fluid center article. T. W. Miller. 2,044,913; June 23.  
 Fluid, Cleaning. G. L. Parkhurst. 2,053,007; Sept. 1.  
 Fluid compressor. O. H. and A. F. Pieper. 2,036,098; Mar. 31.  
 Fluid compressor. A. Trask. 2,065,162; Dec. 22.  
 Fluid compressor, exhaustor or circulating machine, Rotary. W. T. Bradley. 2,035,786; Mar. 31.  
 Fluid contacting apparatus. H. M. Weir. 2,027,410; Jan. 14.  
 Fluid container. H. K. Strickler. 2,043,339; June 9.  
 Fluid content of a container, Indicating the. W. N. Clurman. 2,027,417; Jan. 14.  
 Fluid content of capillary instruments, Regulating the. H. Engelhardt. 2,054,795; Sept. 22.  
 Fluid control device. F. E. Holmes. 2,049,775; Aug. 4.  
 Fluid control device. H. W. Link. 2,029,493; Feb. 4.  
 Fluid control means. W. T. Gray. 2,031,478; Feb. 18.  
 Fluid controlled switch. G. E. Pray. 2,041,726; May 26.  
 Fluid controlling and distributing apparatus. P. C. Temple. 2,064,864; Dec. 22.  
 Fluid controlling apparatus. G. B. Clinch. 2,058,061; Oct. 20.  
 Fluid controlling valve, Vented. A. L. Maggenti. 2,046,474; July 7.  
 Fluid cooling system. E. R. Goldfield. 2,041,241; May 19.  
 Fluid density, Apparatus for determining. O. P. Adams, C. D. Phillips, and J. E. Vorce. 2,035,039; Mar. 24.  
 Fluid discharge device. H. R. Barker. 2,054,964; Sept. 22.  
 Fluid dispenser. O. N. Wiswell. 2,036,514; Apr. 7.  
 Fluid dispensing apparatus. H. Bukoski and M. M. Woodward. 2,055,334; Sept. 22.  
 Fluid dispensing apparatus. W. K. Kearsley. 2,052,404; Aug. 25.  
 Fluid dispensing device. W. H. D. Brouse. 2,040,815; May 12.  
 Fluid dispensing device. P. Santurello. 2,048,142; July 21.  
 Fluid displacement device. H. Schneider. 2,028,414; Jan. 21.  
 Fluid distributing and delivery control means. L. Beeh. 2,049,487; Aug. 4.  
 Fluid distribution in contact masses. E. J. Houdry. 2,042,468; June 2.  
 Fluid engine. B. L. Hyman. 2,052,472; Aug. 25.  
 Fluid feeder for domestic water lines. J. R. Guilford. 2,033,427; Mar. 10.  
 Fluid feeding device. C. J. Eacock and C. H. Clauser. 2,061,566; Nov. 24.  
 Fluid feeding device, Proportional. E. E. Edwards and J. F. Putnam. 2,050,565; Aug. 11.  
 Fluid filtration, Cleansing. E. M. Heckman. 2,041,763; May 26.  
 Fluid fixture. G. T. Southgate. 2,053,210; Sept. 1.  
 Fluid flow control. H. J. Mastenbrook. 2,039,099; Apr. 28.  
 Fluid flow control device. W. A. Chryst. 2,029,357; Feb. 4.  
 Fluid flow control device. O. W. Hahn. 2,042,462; June 2.  
 Fluid flow control system. W. H. Green. 2,041,922; May 26.  
 Fluid flow controlling apparatus. D. W. Haering. 2,058,309; Oct. 20.  
 Fluid flow controlling mechanism, Electrically operated. C. G. Kronmiller. 2,052,929; Sept. 1.  
 Fluid flow indicator for steam traps. G. F. Gerdtz. 2,046,113; June 30.  
 Fluid flow measuring means. J. M. Naiman. 2,044,806; June 23.  
 Fluid flow-meter. H. M. Hammond. 2,035,472; Mar. 31.  
 Fluid flow system. R. Beck. 2,047,403; July 14.  
 Fluid from deep oil and water wells, Raising. C. C. Brown, S. N. Van Wert, and A. Arutunoff. 2,032,000; Feb. 25.  
 Fluid fuel burner. P. A. Celander. 2,055,426; Sept. 22.  
 Fluid fuel burner. E. J. Lattner. 2,033,837-8; Mar. 10.  
 Fluid fuel burner. E. A. Morrison. 2,040,523; May 12.  
 Fluid gauge. G. S. Affleck. 2,054,579; Sept. 15.  
 Fluid heater. W. H. Armacost. 2,029,284; Feb. 4.  
 Fluid, Heating of. E. F. Nelson. 2,060,338; Nov. 10.  
 Fluid, Hydraulic. M. R. Sherbino. 2,033,853; Mar. 10.  
 Fluid, Hydraulic pressure. B. Paxton. 2,060,110; Nov. 10.  
 Fluid lift pump. J. H. Gleason. 2,050,526; Aug. 11.  
 Fluid lift pump. E. W. Patterson. 2,038,441; Apr. 21.  
 Fluid machine. A. Hollander. 2,058,017; Oct. 20.  
 Fluid masses, Apparatus for mixing. G. M. Pfau, D. C. Bolin, and E. W. Zublin. 2,053,876; Sept. 8.  
 Fluid materials, Apparatus and method for the regulation of operations in treatment of. H. S. Coe. 2,037,761; Apr. 21.  
 Fluid measuring device. E. B. Thompson. 2,043,636; June 9.  
 Fluid measuring motor. H. T. Lamb, Jr. 2,033,719; Mar. 10.  
 Fluid meter. I. G. Loe. 2,040,390; May 12.  
 Fluid meter. P. S. Morgan. 2,043,963; June 9.  
 Fluid meter. W. H. Parker. 2,035,338; Mar. 24.  
 Fluid meter. E. L. Tornquist. 2,046,591; July 7.  
 Fluid meter, Indicating, recording, and integrating. E. F. Stover. 2,050,674; Aug. 11.  
 Fluid metering system and apparatus. G. G. Earl. 2,049,642; Aug. 4.  
 Fluid mixer. E. S. Judd. 2,043,621; June 9.  
 Fluid mixing device. L. L. Davies, J. V. Resek, and W. Carson, Jr. 2,049,197; July 28.  
 Fluid mixing device. L. L. Davies, J. V. Resek, and W. W. Carson, Jr. 2,064,244; Dec. 15.  
 Fluid mixtures, Method of and apparatus for proportioning. W. F. Bleecker. 2,057,226; Oct. 13.  
 Fluid motor. R. H. Carr. 2,045,945; June 30.  
 Fluid motor. B. Hefty. 2,042,001; May 26.  
 Fluid motor. E. C. Horton. 2,030,003; Feb. 4.  
 Fluid motor. C. F. Sibbe. 2,036,237; Apr. 7.  
 Fluid operated motor. D. E. Reed. 2,047,382; July 14.  
 Fluid operated regulating machine. C. J. King. 2,053,797; Sept. 8.  
 Fluid operated tool. F. B. Doyle. 2,058,425; Oct. 27.  
 Fluid pressure actuator. J. J. Kundig. 2,063,937; Dec. 15.  
 Fluid pressure brake. C. A. Campbell. 2,053,461; Sept. 8.  
 Fluid pressure brake. C. A. Campbell. 2,060,028; Nov. 10.  
 Fluid pressure brake. E. S. Cook. 2,035,045; Mar. 24.  
 Fluid pressure brake. E. S. Cook. 2,038,164; Apr. 21.  
 Fluid pressure brake. E. S. Cook and E. R. Fitch. 2,033,114; Mar. 10.  
 Fluid pressure brake. E. S. Cook and E. R. Fitch. 2,035,046; Mar. 24.  
 Fluid pressure brake. W. E. Dean, Jr. 2,039,710; May 5.  
 Fluid pressure brake. S. G. Down. 2,065,214; Dec. 22.  
 Fluid pressure brake. C. C. Farmer. 2,031,213; Feb. 18.  
 Fluid pressure brake. C. C. Farmer. 2,032,120; Feb. 25.  
 Fluid pressure brake. C. C. Farmer. 2,033,460-3; Mar. 10.  
 Fluid pressure brake. C. C. Farmer. 2,034,286; Mar. 17.  
 Fluid pressure brake. C. C. Farmer. 2,034,288; Mar. 17.  
 Fluid pressure brake. C. C. Farmer. 2,035,056; Mar. 24.  
 Fluid pressure brake. C. C. Farmer. 2,038,168; Apr. 21.  
 Fluid pressure brake. C. C. Farmer. 2,039,712; May 5.  
 Fluid pressure brake. C. C. Farmer. 2,042,092; May 26.  
 Fluid pressure brake. C. C. Farmer. 2,048,327; July 21.  
 Fluid pressure brake. C. C. Farmer. 2,052,171; Aug. 25.  
 Fluid pressure brake. C. C. Farmer. 2,054,855; Sept. 22.  
 Fluid pressure brake. C. C. Farmer. 2,055,121; Sept. 22.  
 Fluid pressure brake. C. C. Farmer. 2,065,216; Dec. 22.  
 Fluid pressure brake. C. C. Farmer and E. E. Hewitt. 2,032,119; Feb. 25.  
 Fluid pressure brake. C. C. Farmer and E. E. Hewitt. 2,034,290; Mar. 17.  
 Fluid pressure brake. C. C. Farmer and E. E. Hewitt. 2,045,182; June 23.  
 Fluid pressure brake. C. O. Glenn. 2,035,063; Mar. 24.  
 Fluid pressure brake. J. N. Good. 2,048,332; July 21.  
 Fluid pressure brake. J. Guillemain-Tarayre. 2,058,012; Oct. 20.  
 Fluid pressure brake. D. C. Hessian. 2,034,393; Mar. 17.  
 Fluid pressure brake. E. E. Hewitt. 2,032,172; Feb. 25.  
 Fluid pressure brake. E. E. Hewitt. 2,034,295-6; Mar. 17.  
 Fluid pressure brake. E. E. Hewitt. 2,035,067-9; Mar. 24.  
 Fluid pressure brake. E. E. Hewitt. 2,045,185; June 23.



- Fluid pressure brake. E. E. Hewitt. 2,048,336; July 21.  
 Fluid pressure brake. E. E. Hewitt. 2,048,337; July 21.  
 Fluid pressure brake. E. E. Hewitt. 2,052,176; Aug. 25.  
 Fluid pressure brake. E. E. Hewitt. 2,055,102; Sept. 22.  
 Fluid pressure brake. E. E. Hewitt. 2,058,014; Oct. 20.  
 Fluid pressure brake. E. E. Hewitt. 2,058,016; Oct. 20.  
 Fluid pressure brake. J. B. Hull. 2,042,101; May 26.  
 Fluid pressure brake. J. W. Logan, Jr. 2,055,460; Sept. 22.  
 Fluid pressure brake. G. T. McClure. 2,034,307; Mar. 17.  
 Fluid pressure brake. G. T. McClure and D. L. McNeal. 2,052,188; Aug. 25.  
 Fluid pressure brake. J. C. McCune. 2,039,732; May 5.  
 Fluid pressure brake. J. C. McCune. 2,045,158; June 23.  
 Fluid pressure brake. C. A. Nelson. 2,032,144-5; Feb. 25.  
 Fluid pressure brake. L. K. Silcox. 2,041,872; May 26.  
 Fluid pressure brake. L. K. Silcox. 2,053,500; Sept. 8.  
 Fluid pressure brake. A. W. Simmons. 2,032,154; Feb. 25.  
 Fluid pressure brake. R. R. Stevens. 2,028,631; Jan. 21.  
 Fluid pressure brake. F. B. Thomas. 2,041,307; May 19.  
 Fluid pressure brake. J. White. 2,034,276; Mar. 17.  
 Fluid pressure control apparatus. E. L. Dennis. 2,028,049; Jan. 14.  
 Fluid pressure control system. J. J. Kundig. 2,064,379; Dec. 15.  
 Fluid pressure controlling apparatus. F. O. De Millar. 2,057,087; Oct. 13.  
 Fluid pressure controlling valve. F. O. De Millar. 2,057,088; Oct. 13.  
 Fluid pressure gauge. G. E. Farley and F. A. Koester. 2,038,928; Apr. 28.  
 Fluid pressure in sheathed electric cables, Maintaining. L. Emanuelli. 2,040,204; May 12.  
 Fluid pressure, Measuring. W. J. Tietz and F. J. Lengvenis. 2,040,285; May 12.  
 Fluid pressure mechanism. B. Dick. 2,059,444; Nov. 3.  
 Fluid pressure motor. J. Bystricky. 2,057,364; Oct. 13.  
 Fluid pressure motor. F. F. T. Flint. 2,041,916; May 26.  
 Fluid pressure motor. G. Kuhn. 2,029,240; Jan. 28.  
 Fluid pressure motor, Reversible. L. A. Amtsberg. 2,037,358; Apr. 14.  
 Fluid pressure producing device. E. W. Rouch. 2,055,390; Sept. 22.  
 Fluid pressure regulating valve. W. A. McLean. 2,041,198; May 19.  
 Fluid pressure regulator. D. D. Dresback. 2,059,855; Nov. 3.  
 Fluid pressure regulator. B. L. Robart and E. P. Buell. 2,059,808; Nov. 3.  
 Fluid pressure relief device. G. H. Smith. 2,047,750; July 14.  
 Fluid pressure system. I. Von K. Hott and W. E. Webster. 2,055,690; Sept. 29.  
 Fluid pressures, Measuring. W. R. Martin. 2,037,425; Apr. 14.  
 Fluid pump. H. Ford. 2,037,127; Apr. 14.  
 Fluid pump. W. H. Hermsdorf and A. W. Aroner. 2,063,503; Dec. 8.  
 Fluid regulating valve. W. V. Jordan. 2,051,484; Aug. 18.  
 Fluid resistance of propelled vehicles, Reducing the. E. A. Stalker. 2,037,942; Apr. 21.  
 Fluid sample holder. J. A. Logan. 2,056,791; Oct. 6.  
 Fluid samples from drilled wells, Method and apparatus for obtaining. G. A. Macready. 2,040,619; May 12.  
 Fluid segregating apparatus. D. Samiran. 2,047,229; July 14.  
 Fluid segregating apparatus. D. Samiran. 2,057,693; Oct. 20.  
 Fluid separator. F. J. Leifheit and J. S. Caruthers. 2,037,245; Apr. 14.  
 Fluid straining device. D. J. Moran and E. O. Bennett. 2,041,366; May 19.  
 Fluid stream control. M. E. Haworth. 2,028,211; Jan. 21.  
 Fluid streams and device therefor, Uniting. W. C. Groeniger. 2,065,523; Dec. 29.  
 Fluidtight coupling. H. Tailleferre. 2,043,562; June 9.  
 Fluid-tightness for horizontal hydraulic cylinders, System for ensuring. G. L. R. J. Messier. 2,029,829; Feb. 4.  
 Fluid to internal combustion engines, Apparatus for feeding a combustible. C. F. Bachle. 2,032,902; Mar. 3.  
 Fluid to the cylinder of an internal combustion engine, Supplying an additional. P. L. Alby. 2,034,855; Mar. 24.  
 Fluid transmission system and fittings therefor. W. C. Groeniger. 2,065,524; Dec. 29.  
 Fluid treating device. J. K. Rummel. 2,046,583; July 7.  
 Fluid treating device. W. F. Wilhelm. 2,038,071; Apr. 21.  
 Fluid, Treating gaseous. J. F. Wait. 2,055,809; Sept. 29.  
 Fluid treating mechanism and method. W. S. Bowen. 2,060,166; Nov. 10.  
 Fluid treatment apparatus. E. R. Jones, A. B. Denton and J. A. Coombs. 2,040,941; May 19.  
 Fluid, Treatment of. A. S. Behrman. 2,055,475; Sept. 29.  
 Fluid turbine arrangement, Elastic. E. D. Dickinson. 2,057,561; Oct. 13.  
 Fluid under pressure, Device for controlling the action of a. S. Hertz and M. P. Berger. 2,037,627; Apr. 14.  
 Fluid valve. H. J. Butcher. 2,040,356; May 12.  
 Fluid vaporizer and mixer, Gaseous. H. E. Bucklen. 2,033,753; Mar. 10.  
 Fluid velocity, Device for measuring. W. V. Hukill. 2,061,941; Nov. 24.  
 Fluid, Weighted oil base drilling. T. V. Moore and G. E. Cannon. 2,055,666; Sept. 29.  
 Fluids, Absorbent working. J. Fleischer. 2,035,541; Mar. 31.  
 Fluids and apparatus therefor, Heating. J. G. Alther. 2,029,292; Feb. 4.  
 Fluids and gases, Apparatus for handling. M. A. S. Lavigne. 2,045,862; June 30.  
 Fluids, Apparatus for heating. L. A. Mekler. 2,051,880; Aug. 25.  
 Fluids, Apparatus for inspecting. F. X. Beau. 2,063,222; Dec. 8.  
 Fluids, Apparatus for metering. R. Lowe. 2,030,381; Feb. 11.  
 Fluids, Apparatus for metering. E. W. Neubauer. 2,037,994; Apr. 21.  
 Fluids, Apparatus for regulating and/or measuring the flow of. G. Wunsch and A. J. D. Humby. 2,042,374; May 26.  
 Fluids at low temperatures, Distilling. J. W. Packie and D. E. Stines. 2,062,375; Dec. 1.  
 Fluids, Detection of suspended matter in. H. C. Grant, Jr. 2,032,746; Mar. 3.  
 Fluids, Device for handling canned. O. N. Wiswell. 2,040,584; May 12.  
 Fluids, Generation of heated. F. W. Ofeldt. 2,062,925; Dec. 1.  
 Fluids, Halogenation of organic. R. M. Deanesly and G. Hearne. 2,031,938; Feb. 25.  
 Fluids, Heating of. J. G. Alther. 2,029,293-4; Feb. 4.  
 Fluids, Heating of. J. B. Heid. 2,046,897; July 7.  
 Fluids, Heating of. J. D. Seguy. 2,049,473; Aug. 4.  
 Fluids, Impelling and compressing gaseous. J. W. Woodruff. 2,052,155; Aug. 25.  
 Fluids into fuel gas, Converting hydrocarbon. F. E. Frey, W. F. Huppke, and J. A. Guyer. 2,029,657; Feb. 4.  
 Fluids, Method and apparatus for heating. J. G. Alther. 2,029,291; Feb. 4.  
 Fluids, Method and apparatus for pumping. G. K. Parker. 2,065,926; Dec. 29.  
 Fluids, Method of and apparatus for heating. L. de Florez. 2,043,095; June 2.  
 Fluids, Method of and apparatus for reducing the velocity of. A. G. McGee. 2,048,613; July 21.  
 Fluids, Process and apparatus for treating hydrocarbon. M. P. Youker. 2,051,325; Aug. 18.  
 Fluids, Regulating the flow of. F. Meyer. 2,036,950; Apr. 7.  
 Fluids, Separating. J. P. Walker. 2,057,257; Oct. 13.  
 Fluids, System and apparatus for release of. D. Mapes. 2,029,629; Feb. 4.  
 Fluorescent coating method. C. P. Marsden. 2,032,761; Mar. 3.  
 Fluorescent screen. R. H. Varian. 2,056,545; Oct. 6.  
 Fluorescent solid composition. B. H. Jacobson. 2,037,793; Apr. 21.  
 Fluorescent substance. H. Rabe. 2,028,472; Jan. 21.  
 Fluorination process and apparatus. L. C. Holt, M. A. Youker, and R. F. Laird. 2,058,453; Oct. 27.  
 Fluorine compounds, Organic. H. A. Lubs and A. L. Fox. 2,033,949; Mar. 17.  
 Fluorine containing vat dyes. J. E. Cole. 2,061,186; Nov. 17.  
 Fluorine from potable waters, Removing. G. H. Meinzer. 2,043,705; June 9.  
 Fluorine from water, Removal of. H. V. Churchill. 2,059,553; Nov. 3.  
 Fluoro-phenyl-thioureas and preparing same, Unsymmetrical. H. A. Lubs and A. L. Fox. 2,061,243; Nov. 17.  
 Fluoroscope. F. C. Wappler and A. Farber. 2,055,188; Sept. 22.  
 Flush, Closet rim. J. R. Beam. 2,050,152; Aug. 4.  
 Flush tank. F. J. Brannen. 2,048,674; July 28.  
 Flush tank. F. M. Heath. 2,058,449; Oct. 27.  
 Flush valve. W. J. Crist and C. W. Hess. 2,042,391; May 26.  
 Flush valve. A. C. Dobrick. 2,035,693; Mar. 31.  
 Flush valve. A. N. Pasman. 2,039,109; Apr. 28.  
 Flush valve. W. E. Sloan. 2,038,135; Apr. 21.  
 Flush valve. W. E. Sloan. 2,046,004; June 30.  
 Flush valve. W. E. Sloan. 2,049,521; Aug. 4.  
 Flush valve. W. A. Stout. 2,047,120; July 7.  
 Flush valve, Electrically operated. J. D. Andrews. 2,056,087; Sept. 29.  
 Flusher for cleaning automobile water cooling systems, Reversible. F. W. Green. 2,029,232; Jan. 28.  
 Flushing apparatus. J. H. Colliot. 2,028,193; Jan. 21.  
 Flushing apparatus. J. A. Perry. 2,055,801; Sept. 29.  
 Flushing apparatus for water closets and like purposes, Automatic. P. E. Vuagnat. 2,055,271; Sept. 22.  
 Flushing device. E. A. Fredrickson and J. G. Cekal. 2,033,064; Mar. 3.  
 Flushing device. H. Rancke. 2,040,444; May 12.  
 Flushing device for drains. M. B. Acosta. 2,061,553; Nov. 24.  
 Flushing valve. J. J. Goodrie. 2,061,423; Nov. 17.  
 Flushing valve. R. Martin and A. C. Arbogast. 2,038,229; Apr. 21.  
 Flushing valve. T. F. Payne. 2,061,084; Nov. 17.  
 Flushometer. E. C. Wilson. 2,066,086; Dec. 29.  
 Flux. F. M. Levy. 2,045,017; June 23.  
 Flux for cadmium and its alloys and regenerating same. C. E. Swartz. 2,040,283; May 12.  
 Flux meter. R. F. Edgar. 2,054,672; Sept. 15.



- Flux, Welding. M. R. Moritz and T. C. R. Shepherd. 2,052,400; Aug. 25.
- Fluxing composition. C. C. Callis and R. B. Derr. 2,052,278; Aug. 25.
- Fly, Artificial. A. Wanless. 2,035,005; Mar. 24.
- Fly box. E. L. Martinez. 2,065,234; Dec. 22.
- Fly catcher. W. S. Driggers. 2,029,989; Feb. 4.
- Fly escape structure. E. C. Klaiber. 2,043,043; June 2.
- Fly paper protective device. T. F. O'Connell. 2,037,431; Apr. 14.
- Fly screen. W. B. J. Moren. 2,029,889; Feb. 4.
- Flywheel. H. D. Geyer. 2,060,565; Nov. 10.
- Flywheel, Balancing. S. J. Kruczek. 2,062,583; Dec. 1.
- Flyer. P. A. Gwaltney and W. G. Reynolds. 2,046,376; July 7.
- Flyer for spinning machines. H. C. Herr. 2,036,697; Apr. 7.
- Flyer for spinning machines. H. C. Herr. 2,040,135; May 12.
- Flyer for spinning machines. H. C. Herr and H. E. Herr. 2,042,340; May 26.
- Flying machine. C. Dornier. 2,052,086; Aug. 25.
- Flying machine. V. K. Fry. 2,058,678; Oct. 27.
- Foam column, Portable. J. Verner. 2,055,640; Sept. 29.
- Foam, Device for producing. E. Waldschmidt. 2,043,599; June 9.
- Foam elimination in reclaiming used oils. W. T. Bissell. 2,050,415; Aug. 11.
- Foam indicating and control apparatus, Mechanical. O. W. Carrick and R. W. Seniff. 2,038,414; Apr. 21.
- Foam, Preventing. C. Iddings and J. N. Kennedy. 2,045,551; June 23.
- Foam producer. V. G. W. Gilbert. 2,049,255; July 28.
- Foam production. V. G. W. Gilbert. 2,051,841; Aug. 25.
- Foam retarding tube. L. W. Schrader. 2,028,295; Jan. 21.
- Foaming solutions, Method and apparatus for concentrating briskly. E. Öman and S. H. Ledin. 2,027,115; Jan. 7.
- Focusing adjustment for cameras by means of the finder. P. Deutzenberg. 2,060,613; Nov. 10.
- Focusing and finding attachment for cameras. C. B. Austin. 2,040,422; May 12.
- Fodder, Preserving green. A. Steindorff, K. Pfaff, W. Staudermann, A. Johannsen, and F. Spoun. 2,054,026; Sept. 8.
- Fog, Dispelling. H. G. Houghton, Jr. 2,052,626; Sept. 1.
- Fog-forming apparatus of long duration with increased starting effect, Device for. C. Hoffmann. 2,038,841; Apr. 28.
- Foil, Protective cellulose. H. I. Schulz and J. Appel. 2,053,011; Sept. 1.
- Foil wrappers, Sealing. E. A. Jareckie. 2,036,873; Apr. 7.
- Foils, Manufacture of. M. Hagedorn. 2,027,688; Jan. 14.
- Foils, Producing embossing. K. Kurz. 2,062,226; Nov. 24.
- Fold line machine. B. Liebowitz and A. Moses. 2,066,272; Dec. 29.
- Fold lines in collars in like articles, Method and apparatus for forming. B. Liebowitz. 2,066,294; Dec. 29.
- Foldable and reclining chair. R. O. Stockil. 2,037,945; Apr. 21.
- Foldable bleacher seat. P. E. Horn. 2,061,235; Nov. 17.
- Foldable screen. R. Panza. 2,028,918; Jan. 28.
- Foldable table. J. V. Horr. 2,050,840; Aug. 11.
- Folded and pressed ring. P. J. Fitzgerald. 2,036,520; Apr. 7.
- Folded blank box. R. E. Paige. 2,050,894; Aug. 11.
- Folder. L. Aker. 2,035,254; Mar. 24.
- Folder. C. I. Harby. 2,052,623; Sept. 1.
- Folder, Advertising. T. P. Cunningham. 2,028,650; Jan. 21.
- Folder, Advertising. A. T. Fischer. 2,056,350; Oct. 6.
- Folder and manufacturing the same, Filing. F. D. Jonas. 2,037,579; Apr. 14.
- Folder, Loose leaf. C. P. Swank. 2,042,366; May 26.
- Folder, Reinforced file. F. J. Yawman. 2,062,436; Dec. 1.
- Folder, Stencil sheet. D. H. Robinot. 2,055,751; Sept. 29.
- Folding and gluing mechanism. D. Daneke and L. C. Williams. 2,031,879; Feb. 25.
- Folding apparatus. W. F. Mayer. 2,056,903; Oct. 6.
- Folding attachment. G. Spiess. 2,065,989; Dec. 29.
- Folding book-shaped box. C. C. Wilson. 2,061,992; Nov. 24.
- Folding box. E. A. Locke, Jr. 2,038,845; Apr. 28.
- Folding box. W. R. Quagliotti. 2,041,021; May 19.
- Folding box. F. L. Roe. 2,031,575; Feb. 18.
- Folding box. N. Rosenthal. 2,036,542; Apr. 7.
- Folding box. N. Rosenthal. 2,038,317; Apr. 21.
- Folding box. D. H. Shapiro. 2,047,804; July 14.
- Folding bracket. R. W. Swanson. 2,038,143; Apr. 21.
- Folding chair. R. G. Geller. 2,044,473; June 16.
- Folding container. G. L. Reed and R. G. Woods. 2,049,620; Aug. 4.
- Folding dip or minnow net bow. G. C. Moldenhauer. 2,029,582; Feb. 4.
- Folding display container. O. J. Towell. 2,054,473; Sept. 15.
- Folding machine. W. J. Beattie. 2,062,202; Nov. 24.
- Folding machine. M. J. Bergen. 2,035,522; Mar. 31.
- Folding machine. H. W. Cabbert. 2,063,156; Dec. 8.
- Folding machine. P. R. Glass. 2,044,289; June 16.
- Folding machine. C. A. Harless. 2,037,469; Apr. 14.
- Folding machine. R. Hitchcock. 2,058,876; Oct. 27.
- Folding machine. O. W. Johnson. 2,034,040; Mar. 17.
- Folding machine. L. M. Kahn. 2,054,426; Sept. 15.
- Folding machine. W. E. Naugler. 2,044,097; June 16.
- Folding machine. R. G. Reid. 2,049,546; Aug. 4.
- Folding machine. F. Schwartz. 2,047,710; July 14.
- Folding receptacle. H. C. Bates. 2,045,575; June 30.
- Folding screen. J. B. Friedman. 2,055,862; Sept. 29.
- Folding table. C. Flagstad. 2,060,367; Nov. 10.
- Folding table. F. R. Greyson. 2,038,838; Apr. 28.
- Folding table. W. E. Hardy. 2,053,789; Sept. 8.
- Folding table. U. K. Johannsen. 2,050,846; Aug. 11.
- Folding table. M. R. Nelson. 2,027,609; Jan. 14.
- Folding table. C. W. Sadenwater. 2,064,859; Dec. 22.
- Folding table. T. M. Webber. 2,044,235; June 16.
- Folding table. C. F. Weed. 2,042,326; May 26.
- Follow block. J. S. Nevitt. 2,045,047; June 23.
- Follower for filing drawers. G. T. Gourley and F. J. Malat. 2,043,323; June 9.
- Follower for steering gears for vehicles. F. G. Matravers. 2,028,939; Jan. 28.
- Food and food packaging. A. H. Blount. 2,042,581; June 2.
- Food, Apparatus for grinding and chopping. W. C. McNitt. 2,049,920; Aug. 4.
- Food, Apparatus for treating. F. D. Chapman. 2,057,366; Oct. 13.
- Food carrying case. W. Kesslinger. 2,034,472; Mar. 17.
- Food chopping machine. A. C. Van Hooendonk. 2,043,216; June 2.
- Food, Coating articles of. G. Gören. 2,050,004; Aug. 4.
- Food container, Heat-insulating. E. L. Schellens. 2,038,763; Apr. 28.
- Food container, Paper. W. H. Arthur. 2,032,343; Mar. 3.
- Food cooking and service table. E. M. Horn. 2,043,797; June 9.
- Food, Detection of deterioration of. K. W. Haeseler. 2,063,245; Dec. 8.
- Food disher. R. L. Pfieger. 2,034,117; Mar. 17.
- Food flavoring composition. A. Alt. 2,027,361; Jan. 14.
- Food handling and preparing apparatus. J. D. Ferry. 2,056,845; Oct. 6.
- Food handling apparatus. H. L. Johnston. 2,047,476; July 14.
- Food handling apparatus. H. L. Johnston. 2,060,807; Nov. 17.
- Food material and making it. R. G. Perewe. 2,037,042; Apr. 14.
- Food materials, Treating. W. W. Cowgill. 2,037,009; Apr. 14.
- Food materials, Treatment of. W. W. Cowgill. 2,061,188; Nov. 17.
- Food mixer. E. Moss. 2,028,408; Jan. 21.
- Food mixer support. W. E. Phillips. 2,047,288; July 14.
- Food mixing device with beater ejector. E. Knapp. 2,048,455; July 21.
- Food package and making the same. O. V. Clearwater. 2,062,249; Nov. 24.
- Food package, Heat insulated. R. B. Derr. 2,031,254; Feb. 18.
- Food preparer. E. F. Martinet. 2,063,692; Dec. 8.
- Food preparing machine. H. R. Brand and C. A. Fausel. 2,033,178; Mar. 10.
- Food processing, Apparatus for. J. Mills. 2,054,092; Sept. 15.
- Food processing machine, Animal. J. F. Webster. 2,044,376; June 16.
- Food product. C. B. Camp. 2,061,184; Nov. 17.
- Food product and its manufacture. W. A. McKinney and H. G. Lorenzen. 2,031,724; Feb. 25.
- Food product and making same. W. C. Baxter. 2,065,550; Dec. 29.
- Food product and making the same. W. P. Kesel. 2,045,782; June 30.
- Food product and making the same. A. L. Kurz. 2,027,596; Jan. 14.
- Food product and making the same, Novel. G. Leonard and B. E. Eldred. 2,053,871; Sept. 8.
- Food product and process. Y. S. Kang. 2,040,943; May 19.
- Food product and producing the same. W. E. Baier. 2,055,782; Sept. 29.
- Food products, Apparatus for sterilizing. W. W. Reece. 2,058,826; Oct. 27.
- Food product, Making a. C. H. Vogt. 2,037,355; Apr. 14.
- Food product, Producing a. J. T. Knowles. 2,037,029; Apr. 14.
- Food products. A. Lepper. 2,060,679; Nov. 10.
- Food products and resulting product, Treating. S. H. Ayers and C. W. Lang. 2,054,066; Sept. 15.
- Food products, Condimentation of. A. A. Levinson and L. K. Pillsbury. 2,035,136; Mar. 24.
- Food products, Handling and displaying. E. A. Weisel. 2,026,764; Jan. 7.
- Food products, Method and apparatus for preserving. G. W. Mathews and C. J. Beust. 2,030,014; Feb. 4.
- Food products, Treating. F. D. Chapman. 2,049,639; Aug. 4.
- Food products, Treating. O. H. Hansen. 2,052,709; Sept. 1.
- Food protecting material. H. A. Levey. 2,043,897; June 9.
- Food slicing and sandwich making machine. W. Alloo. 2,055,398; Sept. 22.



- Food storage places, Apparatus for cooling. J. R. Ballard. 2,047,249; July 14.
- Food treating apparatus. J. Schmidt. 2,065,752; Dec. 29.
- Food treating machine. J. G. Clarke. 2,054,409; Sept. 15.
- Foods and beverages and utensils therefor, Device for the conservation and treatment of. H. S. Vincent. 2,060,435; Nov. 10.
- Foods and beverages, Preservation of. M. A. O'Callaghan. 2,057,049; Oct. 13.
- Foods and products thereof, Vitaminizing. F. Elger. 2,058,220; Oct. 20.
- Foods and the like, Apparatus for cutting. M. Stöppel. 2,040,017; May 5.
- Foods, Apparatus for preparing. C. B. Krause. 2,046,784; July 7.
- Foods, Packaging. R. C. Irons. 2,044,245; June 16.
- Foodstuffs, Apparatus for canning. J. Mills. 2,054,093; Sept. 15.
- Foodstuffs, Treating. D. L. Loetscher. 2,060,736; Nov. 10.
- Foodstuffs, Treatment of. E. H. C. Grapengeter. 2,054,500; Sept. 15.
- Foot adjusting device, Automatic recoil. A. Morgan. 2,052,102; Aug. 25.
- Foot appliance. J. G. Cronan and J. E. Heraty. 2,033,758; Mar. 10.
- Foot arch support. W. Wisbrun. 2,039,675; May 5.
- Foot, Artificial. J. F. Rowley. 2,036,830; Apr. 7.
- Football game. H. B. Downey. 2,064,466; Dec. 15.
- Football game. W. H. Lundquist. 2,044,506; June 16.
- Football game and apparatus. J. Sapp. 2,039,740; May 5.
- Foot construction for dolls or the like. T. Graitcer. 2,043,658; June 9.
- Foot construction for full-fashioned hosiery. G. Gastrich. 2,055,458; Sept. 22.
- Foot for chair legs. O. H. Kistemacher. 2,052,715; Sept. 1.
- Foot massaging device. J. A. Brogan. 2,037,495; Apr. 14.
- Foot measuring instrument. B. C. Maxwell. 2,044,587; June 16.
- Footpad. W. P. Koppe. 2,057,722; Oct. 20.
- Foot power press. W. Colclough. 2,055,250; Sept. 22.
- Foot protecting device for skaters. A. A. Ohler. 2,029,787; Feb. 4.
- Foot protector. M. Le Dorf. 2,038,844; Apr. 28.
- Footrest. W. C. and W. B. Van Dresser. 2,032,157; Feb. 25.
- Footrest for operating chairs. A. J. May. 2,044,992; June 23.
- Foot warming appliance. A. L. Widdis. 2,052,857; Sept. 1.
- Footwear. N. D. Mattison. 2,059,470; Nov. 3.
- Footwear. E. F. Roberts. 2,048,294; July 21.
- Footwear. E. B. Ward. 2,048,904; July 28.
- Footwear. W. S. Wilson. 2,033,313; Mar. 10.
- Footwear and method of making. E. W. Dunbar. 2,034,091; Mar. 17.
- Footwear and producing same, Article of. W. R. Hickler. 2,029,371; Feb. 4.
- Footwear, Making turned. G. Del Re. 2,064,417; Dec. 15.
- Footwear, Remedial. La P. Van Sant. 2,064,507; Dec. 15.
- Footage indicator for motion picture apparatus. O. Wittel. 2,027,007; Jan. 7.
- Footage indicator for photographic apparatus. O. Wittel. 2,039,697; May 5.
- Footing for towers. H. O. Hill. 2,036,047; Mar. 31.
- Foramiforous elements, Apparatus for making. L. Cammen. 2,047,001; July 7.
- Force-measuring device. K. L. Tate. 2,037,949; Apr. 21.
- Force pump. G. Woods. 2,056,994; Oct. 13.
- Forceps, Dental. G. C. Krajieski. 2,030,798; Feb. 11.
- Forceps, Endoscopic. F. C. Wappler. 2,034,785; Mar. 24.
- Forceps, Obstetrical. J. B. Jacobs. 2,034,299; Mar. 17.
- Forehead and temple perspiration absorber. W. S. Huntington. 2,051,714; Aug. 18.
- Forehearth for molten glass. W. T. Honiss. 2,036,872; Apr. 7.
- Forehearth structure. W. A. Morton. 2,061,367; Nov. 17.
- Foreign matter from vermiculite, Separating. P. S. Denning. 2,058,959; Oct. 27.
- Foreign substances to a vitreous body, Affixing. W. J. Winninghoff. 2,056,637; Oct. 6.
- Forging apparatus. C. Fassinger. 2,053,141; Sept. 1.
- Forging machine. W. W. Criley. 2,038,165; Apr. 21.
- Forging machine. W. H. Wineman. 2,063,968-9; Dec. 15.
- Forging manipulator. W. D. Keller. 2,053,291; Sept. 8.
- Forging means. G. Spatta. 2,027,406; Jan. 14.
- Forging, Method of. G. Spatta. 2,053,975; Sept. 8.
- Fork, Hay. J. H. and A. T. Whiteman. 2,049,679; Aug. 4.
- Form, Adjustable dress. B. H. Leppelman. 2,048,342; July 21.
- Form, Adjustable hat. L. Kalvin. 2,045,231; June 23.
- Form and carbon carrying control device. G. H. Sargent. 2,041,025; May 19.
- Form attaching supporting means. S. S. Colt. 2,028,647; Jan. 21.
- Form, Collapsible tire-band. H. C. Bostwick. 2,042,498; June 2.
- Form, Concrete. A. F. Bemis. 2,050,257; Aug. 11.
- Form, Concrete. H. Hayes. 2,055,977; Sept. 29.
- Form, Display. S. G. Allan. 2,057,079; Oct. 13.
- Form, Flexible model. I. Rosenfeld. 2,056,740; Oct. 6.
- Form for building construction. O. M. Stanley. 2,058,268; Oct. 20.
- Form for casting hollow concrete walls, Elevating. J. T. McDowell. 2,045,789; June 30.
- Form for concrete building structures, Permanent metallic. A. G. Olsen. 2,062,724; Dec. 1.
- Form for continuous concrete pipe. G. L. Carlson. 2,053,814; Sept. 8.
- Form for making concrete castings. H. Russell. 2,060,246; Nov. 10.
- Form for making concrete roads. B. Masor. 2,031,612; Feb. 25.
- Form for making dipped rubber articles, Dipping. H. Becher and J. Stein. 2,058,552; Oct. 27.
- Form for use in fabricating motor valves. G. R. Rich. 2,045,799; June 30.
- Form, Garment drying and shaping. U. D. and E. G. Irwin. 2,060,395; Nov. 10.
- Form grading and subgrading machine. J. H. Knox and B. Garner. 2,043,413; June 9.
- Form, Hollow shoe. L. W. Reinhardt. 2,039,261; Apr. 28.
- Form in an end part of a pipe, Clamping an inner. F. W. Shaffer. 2,037,935; Apr. 21.
- Form, Inflatable article. J. J. Lee. 2,053,372; Sept. 8.
- Form or mold for walls of concrete and the like. R. T. Wales. 2,037,444; Apr. 14.
- Form or rail, Road. G. H. Miller. 2,055,040; Sept. 22.
- Form, Printing. F. L. Speiden. 2,065,156; Dec. 22.
- Form relating means. S. S. Colt. 2,044,833; June 23.
- Form, Shoe. J. F. Clark and E. B. Clark. 2,041,695; May 26.
- Form, Shoe. W. J. De Witt. 2,059,727; Nov. 3.
- Form, Shoe. W. J. de Witt. 2,066,098; Dec. 29.
- Form, Shoe. W. J. De Witt and I. Goodfellow. 2,047,673; July 14.
- Form, Shoe. A. G. Legge. 2,027,048; Jan. 7.
- Form, Sleeve. H. O. Moore. 2,035,909; Mar. 31.
- Form support. S. S. Colt. 2,037,965; Apr. 21.
- Form, Work glove. R. C. Palicki. 2,035,094; Mar. 24.
- Formaldehyde derivatives of 1-mercaptothiazoles, Preparing. A. M. Clifford. 2,040,467; May 12.
- Formaldehyde, Making. E. B. Punnett. 2,065,394; Dec. 22.
- Formals of aliphatic partial ethers of polyhydric alcohols and making the same. G. W. Seymour. 2,036,304; Apr. 7.
- Formamide to produce hydrocyanic acid, Dehydration of. H. A. Bond and N. D. Scott. 2,042,451; June 2.
- Formation tester, Gun-type. W. G. Lane. 2,029,491; Feb. 4.
- Formation testing and core taking device. O. J. Williams. 2,058,119; Oct. 20.
- Formed artificial products, Manufacture of. L. Ubbelohde. 2,054,208; Sept. 15.
- Former for making cellulose structures as honeycomb and the like. J. E. Walker. 2,061,295; Nov. 17.
- Forming machine. J. Dichter. 2,050,088; Aug. 4.
- Forming machine. W. H. Knowles. 2,042,851; June 2.
- Forming machine. J. L. Simmons. 2,065,102; Dec. 22.
- Forming machine. W. C. Van Dresser and W. B. Van Dresser. 2,047,717; July 14.
- Forming mill. S. W. Wheeler. 2,064,453; Dec. 15.
- Forms, Finishing helical. B. W. Twyman. 2,040,347; May 12.
- Forms, Method and apparatus for making hosiery. W. J. De Witt. 2,029,706; Feb. 4.
- Forms or diaphragms, Apparatus for preparing molded deep. F. Raffles. 2,045,163; June 23.
- Forms, plates, and the like, Apparatus for registering and aligning printers'. C. A. Betts. 2,028,965; Jan. 28.
- Formtile structure. E. A. Nelson. 2,054,679; Sept. 15.
- Formula control for washing machines, Automatic. F. Balzer and G. B. Knapmeyer. 2,064,053; Dec. 15.
- Foul line signal. S. E. Yannes. 2,037,671; Apr. 14.
- Foundation supporting means, Honeycomb. F. Knorr. 2,064,349; Dec. 15.
- Foundations, Building deep. E. Widugier. 2,065,003; Dec. 22.
- Fountain: See —
- Drinking fountain. Poultry drinking fountain.
- Ink fountain. Wash fountain.
- Fountain apparatus, Drinking. A. G. Haws. 2,030,289; Feb. 11.
- Fountain apparatus, Drinking. C. Roberge. 2,033,083; Mar. 3.
- Fountain attachment, Soda. C. L. Kee. 2,066,040; Dec. 29.
- Fountain display, Illuminated. J. Bergman. 2,034,792; Mar. 24.
- Fountain draft arm, Soda. L. R. Brantly. 2,060,551; Nov. 10.
- 4-acetyl-5-tertiary-butyl-1,3-xylene, Manufacture of. W. V. Wirth. 2,047,656; July 14.
- 4-amino-dinitro-diphenylamines and preparing them. L. Laska and R. Heil. 2,059,800; Nov. 3.
- 4-aminodiphenylamine derivatives and intermediates obtained thereby, Manufacture of. A. Zitscher and W. Seidenfaden. 2,028,373; Jan. 21.
- 4:4'-dimethyl-6:6'-dihalogen thioindigo. P. W. Carleton and E. L. Mattison. 2,062,443; Dec. 1.



- 4-hydroxy-pyrene and preparing it. M. Corell and H. Vollmann. 2,052,216; Aug. 25.
- Four-point contact chain. R. W. Dull and E. Goertz. 2,056,602; Oct. 6.
- 4,6 diamino 2-alkyl pyridines and producing the same. H. J. Schneiderwirth. 2,062,680; Dec. 1.
- Four-wire system with echo suppressors. H. Mayer. 2,041,562; May 19.
- Fowl rack. C. J. Ellis. 2,051,989; Aug. 25.
- Foxing cementing machine. E. W. Stacey. 2,039,359; May 5.
- Foxing laying machine. E. W. Stacey. 2,041,379; May 19.
- Fractional distillation, Apparatus for. F. L. Maker. 2,031,610; Feb. 25.
- Fractionating apparatus. D. K. Dean and E. N. Sieder. 2,040,431; May 12.
- Fractionating column. H. Suess. 2,064,390; Dec. 15.
- Fractionating, Method of and apparatus for. M. R. Fenske. 2,037,316; Apr. 14.
- Fractionation, Apparatus for and process of. W. Hagenbuch. 2,042,150; May 26.
- Fractionation column equipment. E. B. McConnell. 2,055,301; Sept. 22.
- Fracture and orthopedic operating frame. A. Stephenson. 2,027,795; Jan. 14.
- Fracture and orthopedic operating machine. H. M. Bergamini. 2,027,805; Jan. 14.
- Fracture appliance. A. A. Thomas. 2,056,749; Oct. 6.
- Fracture reducing frame. C. W. Putney. 2,053,632; Sept. 8.
- Fracture reduction apparatus. J. J. Ettinger. 2,032,653; Mar. 3.
- Fracture reduction apparatus. J. J. Ettinger. 2,035,952; Mar. 31.
- Frame: See—
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| Air filter frame.                        | Motor vehicle chassis frame. |
| Aligning frame.                          | Picture frame.               |
| Automobile frame.                        | Pool ball frame.             |
| Awning frame.                            | Printing frame.              |
| Bag frame.                               | Quilting frame.              |
| Bicycle frame.                           | Racket frame.                |
| Big frame.                               | Register frame.              |
| Bird cage seed guard frame.              | Riding saddle frame.         |
| Car truck side frame.                    | Sash and window frame.       |
| Carriage frame.                          | Setting frame.               |
| Collapsible bag frame.                   | Sewing machine frame.        |
| Creeling winding frame.                  | Side frame.                  |
| Display frame.                           | Sign display frame.          |
| Flat hosliery frame.                     | Spectacle frame.             |
| Flat knitting frame.                     | Spinning frame.              |
| Fracture and orthopedic operating frame. | Stretching frame.            |
| Fracture reducing frame.                 | Surgical traction frame.     |
| Furniture side frame.                    | Tube frame.                  |
| Handbag frame.                           | V-type engine frame.         |
| Heddle frame.                            | Vacuum printing frame.       |
| Implement frame.                         | Vehicle chassis frame.       |
| Machine frame.                           | Velocipede frame.            |
| Monogram frame.                          | Window frame.                |
| Motor car frame.                         | Windshield frame.            |
- Frame. W. D. Antrim. 2,037,611; Apr. 14.
- Frame. C. H. Lawrence. 2,040,556; May 12.
- Frame and bolster construction, Car truck side. A. O. Buckius. 2,029,982; Feb. 4.
- Frame and cover, Metal. R. E. Moore. 2,056,362; Oct. 6.
- Frame and rail for tile, Metal. C. Roeder. 2,032,226; Feb. 25.
- Frame assembly for mirrors and the like. M. H. Storch. 2,049,029; July 28.
- Frame assembly for mirrors and the like. M. H. Storch. 2,056,811; Oct. 6.
- Frame building construction, Rigid. G. E. Strehan. 2,033,595; Mar. 10.
- Frame construction for mine cars and other vehicles. H. W. Sanford. 2,037,929; Apr. 21.
- Frame corner structure. W. F. Roberts. 2,028,353; Jan. 21.
- Frame for automobiles and the like, Seat. J. D. Sherman, C. S. Reed, and O. C. Currie. 2,061,923; Nov. 24.
- Frame for combustion engines, Welded. J. Radloff. 2,045,493; June 23.
- Frame for constructing building boards. A. Rafter. 2,055,804; Sept. 29.
- Frame for constructing building boards, Metal. A. Rafter. 2,049,925; Aug. 4.
- Frame for handbags purses, or the like. G. S. Merk. 2,042,793; June 2.
- Frame for internal combustion engines. R. F. Good. 2,036,269; Apr. 7.
- Frame for motor vehicles. E. G. Grinham. 2,050,945; Aug. 11.
- Frame for spring beds, Bottom. W. A. Holt. 2,040,995; May 19.
- Frame for stretching doilies. W. L. Davis. 2,053,465; Sept. 8.
- Frame members with metal veneer facing strips, Forming. J. F. Levan. 2,041,004; May 19.
- Frame structure for tents, Collapsible. J. Q. Adams. 2,044,659; June 16.
- Frame transferring mechanism and drive therefor. J. B. Tiedmann. 2,057,351; Oct. 13.
- Frame welder. E. R. Fausset. 2,060,561; Nov. 10.
- Framework for air filters. F. L. Myers and H. V. Smith. 2,044,221; June 16.
- Framework, Metallic structural. J. A. Ferguson. 2,031,765; Feb. 25.
- Framing device for motion picture projectors. H. A. de Vry. 2,041,236; May 19.
- Framing for brief cases, Protecting. A. I. Klotz. 2,043,833; June 9.
- Framing mechanism for motion picture machines. P. J. Berggren. 2,049,042; July 28.
- Frankfurter roll slitting machine. L. G. Hobbs and K. J. Cederholm. 2,059,108; Oct. 27.
- Free-wheel device. P. Moreau. 2,027,924; Jan. 14.
- Freewheel mechanism and back pedal brake. E. Müller. 2,043,486; June 9.
- Freewheeling attachment for automobiles. J. M. Simpson. 2,032,335; Feb. 25.
- Freewheeling device for motor vehicles. A. Maier. 2,028,512; Jan. 21.
- Free wheeling device with automatic control. E. R. Evans. 2,044,901; June 23.
- Freewheeling mechanism. C. E. Starr. 2,064,230; Dec. 15.
- Freewheeling mechanism of motor cars. K. Maybach. 2,034,263; Mar. 17.
- Free-wheeling system for vehicles. H. J. Murray. 2,051,385; Aug. 18.
- Freeness detector. H. D. Wells. 2,027,660; Jan. 14.
- Freezer, Confection. L. A. M. Phelan and L. E. Koch. 2,059,604; Nov. 3.
- Freezer, Ice cream. R. H. Jordan. 2,036,217; Apr. 7.
- Freezer, Ice cream. D. L. Stull and M. D. Grayson. 2,055,735; Sept. 29.
- Freezer, Ice cream. G. E. Tuscan and W. F. Mathewson. 2,064,131; Dec. 15.
- Freezer mechanism. E. Fulton. 2,054,724; Sept. 15.
- Freezer, Portable ice cream. E. F. Smith. 2,034,213; Mar. 17.
- Freezing and dispensing apparatus. J. R. Engelmann. 2,064,597; Dec. 15.
- Freezing apparatus. G. F. Thoma. 2,030,233; Feb. 11.
- Freezing apparatus, Fast. D. MacBride. 2,042,013; May 26.
- Freezing, Apparatus for effecting quick. F. T. Eisenmann. 2,053,520; Sept. 8.
- Freezing device, Continuous. H. D. Geyer. 2,064,655; Dec. 15.
- Freezing mechanism. C. Morrow. 2,050,975; Aug. 11.
- Freezing unit for refrigerators. G. F. Keyes. 2,064,837; Dec. 22.
- Freight container. R. Ellis. 2,033,191-2; Mar. 10.
- Freight container. B. F. Fitch. 2,028,770; Jan. 28.
- Freight container. B. F. Fitch. 2,034,723; Mar. 24.
- Freight container, Demountable. B. F. Fitch. 2,028,900; Jan. 28.
- Freight container, Less than carload. G. L. Bennett. 2,037,700; Apr. 21.
- Freight on vehicles, Positioning. B. F. Fitch. 2,030,862; Feb. 18.
- Frequency changer. C. W. Hansell. 2,063,248; Dec. 8.
- Frequency changing system. O. E. Keall. 2,038,570; Apr. 28.
- Frequency changing system. F. E. Terman. 2,055,736; Sept. 29.
- Frequency control. R. S. Ohl. 2,041,855; May 26.
- Frequency control distribution. H. A. Affel. 2,036,383; Apr. 7.
- Frequency control system. W. G. Cady. 2,064,289; Dec. 15.
- Frequency control system. D. K. Gannett. 2,033,237; Mar. 10.
- Frequency control system, Automatic. M. G. Crosby. 2,065,565; Dec. 29.
- Frequency controlled mechanism. W. Koenig. 2,035,132; Mar. 24.
- Frequency controlling means. G. L. Usselman. 2,058,114; Oct. 20.
- Frequency converter. W. A. Harris. 2,033,986; Mar. 17.
- Frequency generating system. C. H. Rumpel. 2,049,177; July 28.
- Frequency generator, Submultiple. R. L. Miller. 2,028,232; Jan. 21.
- Frequency generator system. B. Stallard. 2,049,179; July 28.
- Frequency meter. W. E. Stitz. 2,060,834; Nov. 17.
- Frequency modulation. M. G. Crosby. 2,032,403; Mar. 3.
- Frequency modulation. C. W. Hansell. 2,027,975; Jan. 14.
- Frequency modulation apparatus. G. L. Usselman. 2,030,125; Feb. 11.
- Frequency range converter. G. W. Walton. 2,041,036; May 19.
- Friction and electric brake, Combined. J. W. Logan, Jr. 2,052,200; Aug. 25.
- Friction and vibration of rotor elements, apparatus for minimizing. E. Klahn. 2,054,055; Sept. 8.
- Friction brake. E. A. Kliever. 2,041,935; May 26.
- Friction brake. J. Sneed. 2,054,470; Sept. 15.
- Friction clutch. A. W. Anderson. 2,058,655; Oct. 27.
- Friction clutch. A. Bolton. 2,057,761; Oct. 20.
- Friction clutch. B. T. Carlsson and G. O. Winhammar. 2,048,372; July 21.
- Friction clutch. G. Fast. 2,026,733; Jan. 7.
- Friction clutch. J. E. Freeborn. 2,039,590; May 5.



- Friction clutch. H. Nutt and H. V. Reed. 2,056,203; Oct. 6.
- Friction clutch. H. Nutt and H. V. Reed. 2,062,101-2; Nov. 24.
- Friction control for pull lines. W. W. Foster. 2,062,705; Dec. 1.
- Friction device. J. F. McCann. 2,035,242; Mar. 24.
- Friction disk brake. M. M. McCumber. 2,051,566; Aug. 18.
- Friction disk, Reinforced toothed. F. C. Stanley. 2,062,480; Dec. 1.
- Friction element. R. E. Spokes and H. H. Willard. 2,049,522; Aug. 4.
- Friction element and making the same. J. Driscoll and D. S. Bruce. 2,033,929; Mar. 17.
- Friction element composition. H. J. Lidkea and R. E. Spokes. 2,052,779; Sept. 1.
- Friction elements, Making composition. J. D. Alley. 2,026,767; Jan. 7.
- Friction gear. R. Erban. 2,057,482; Oct. 13.
- Friction material and manufacturing same. I. J. Novak. 2,051,888; Aug. 25.
- Friction shoe. C. S. Crickmer. 2,035,637; Mar. 31.
- Friction top can. H. A. Fink. 2,064,739; Dec. 15.
- Friction transmission for motor vehicles. J. Ehrlich. 2,057,140; Oct. 13.
- Friction unit for railway car trucks. C. D. Barrett. 2,065,992; Dec. 29.
- Frier, Deep fat. A. S. Levin. 2,053,568; Sept. 8.
- Frying and cooking apparatus. W. L. Goodman. 2,041,175; May 19.
- Frog and switch track work. D. P. Steward and J. V. Stewart. 2,030,231; Feb. 11.
- Front-end construction for rock drills. J. C. Curtis. 2,051,825; Aug. 25.
- Front end suspension for track laying tractors. J. G. Heaslet. 2,064,747; Dec. 15.
- Front for radiators, Auxiliary. F. B. Herz. 2,056,123; Sept. 29.
- Froth flotation concentration of ores. C. H. Keller. 2,044,851; June 23.
- Froth flotation device. G. Gutzeit. 2,054,539; Sept. 15.
- Froth flotation machine. J. M. Patek. 2,063,751; Dec. 8.
- Fruit and nut feeding mechanism. C. W. Vogt. 2,032,962; Mar. 3.
- Fruit and nuts into ice cream, Apparatus for injecting. C. W. Vogt. 2,032,961; Mar. 3.
- Fruit and the like, Apparatus for treating. E. M. Brogden. 2,039,280; May 5.
- Fruit and vegetable filling table. H. Burge. 2,029,054; Jan. 28.
- Fruit and vegetable grading machine. J. Schmidt and E. C. Eberts. 2,040,569; May 12.
- Fruit and vegetable paring implement. E. Carlson. 2,036,920; Apr. 7.
- Fruit and vegetable washer. C. H. Ayars. 2,039,276; May 5.
- Fruit and vegetable washer. W. L. Dean and F. S. Lampard. 2,050,964; Aug. 11.
- Fruit and vegetables, Preserving. W. H. Ewell. 2,028,970; Jan. 28.
- Fruit, Apparatus for treating. R. D. McDill and L. E. Jones. 2,033,044; Mar. 3.
- Fruit, berry, and vegetable box. M. L. Harris. 2,054,785; Sept. 15.
- Fruit box. J. J. Tozzi. 2,040,286; May 12.
- Fruit brusher, Transverse. H. J. Brandenburg. 2,035,587; Mar. 31.
- Fruit cleaning apparatus, Attachment for. C. L. Sherwood. 2,027,553; Jan. 14.
- Fruit, Conditioning. A. E. Nelson. 2,042,857; June 2.
- Fruit container. E. O'Brien. 2,065,150; Dec. 22.
- Fruit conveyer. T. Caton. 2,032,258; Feb. 25.
- Fruit cutting apparatus. G. D. Gardner. 2,056,183; Oct. 6.
- Fruit dicing machine. B. Weirauch. 2,062,689; Dec. 1.
- Fruit for removing rind oil, Apparatus for treating citrus. F. C. Dormont. 2,052,548; Sept. 1.
- Fruit halving and pitting machine. C. W. Froehlich. 2,057,300; Oct. 13.
- Fruit jar holder. A. De Marco. 2,039,891; May 5.
- Fruit jar holder. E. J. Schwartz. 2,028,415; Jan. 21.
- Fruit jar wrench. O. Kielman. 2,046,269; June 30.
- Fruit juice extracting machine. H. F. Watkins. 2,040,114; May 12.
- Fruit juice extractor. H. Y. Edgerton. 2,057,564; Oct. 13.
- Fruit juice extractor. N. M. Faulds. 2,065,271; Dec. 22.
- Fruit juice extractor. S. S. Griffin. 2,032,477; Mar. 3.
- Fruit juice (grape), Treating. G. Grindrod. 2,059,788; Nov. 3.
- Fruit juice, Treating. G. Grindrod. 2,059,789; Nov. 3.
- Fruit juices, Preparing. G. D. Beal and R. B. McKinnis. 2,047,935; July 21.
- Fruit juices, Treating. F. W. Robison. 2,035,619; Mar. 31.
- Fruit marking appliance. H. J. Mumma. 2,040,526; May 12.
- Fruit marking machine. H. J. Mumma and F. Ahlburg. 2,040,525; May 12.
- Fruit, Method and apparatus for proportioning and mixing. A. M. Erickson and H. E. Gray. 2,043,739; June 9.
- Fruit packer's stand. E. R. Walker. 2,057,284; Oct. 13.
- Fruit packing accessory. D. E. Lower and M. P. Roche. 2,034,626; Mar. 17.
- Fruit pitting machine. O. M. Wolff. 2,059,163; Oct. 27.
- Fruit pitting, stemming, and slicing machine. A. H. Nelson. 2,035,912; Mar. 31.
- Fruit-pressing device, Automatic. F. A. Randall and J. D. Cantoni. 2,050,585; Aug. 11.
- Fruit sizing machine. A. F. Allen. 2,063,008; Dec. 8.
- Fruit sorting apparatus and method. C. E. Whipple. 2,060,153; Nov. 10.
- Fruit, Treating. R. B. Harvey. 2,049,563; Aug. 4.
- Fruit treating machine. P. Van Wyk. 2,059,066; Oct. 27.
- Fruit washer. A. B. Thompson. 2,056,333; Oct. 6.
- Fruit, Washing. E. M. Wayland. 2,045,680; June 30.
- Fruit washing machine. P. Secondo. 2,057,982; Oct. 20.
- Fruits and the like, Packing dried. C. B. Pape. 2,055,800; Sept. 29.
- Fruits, Treating. H. R. Rutledge. 2,063,628; Dec. 8.
- Fuel. C. S. Marvel. 2,031,497; Feb. 18.
- Fuel adjuncts into internal combustion engines, Apparatus for introducing. J. H. Gravell. 2,052,763; Sept. 1.
- Fuel and process of making, Briquetted. F. Holz. 2,040,609; May 12.
- Fuel and producing the same, Motor. H. T. Bennett and L. G. Story. 2,038,630; Apr. 28.
- Fuel and gas, Apparatus for burning pulverized. E. G. Bailey. 2,064,366; Dec. 15.
- Fuel and producing said fuel. J. N. Vandegrift and C. Postel. 2,066,083; Dec. 29.
- Fuel, Apparatus for burning. A. J. Boynton. 2,031,757; Feb. 25.
- Fuel, Apparatus for burning. F. D. Hoffman. 2,034,812; Mar. 24.
- Fuel, Apparatus for burning. G. J. Morgan. 2,057,276; Oct. 13.
- Fuel, Apparatus for burning liquid. M. A. Powers. 2,064,080; Dec. 15.
- Fuel, Apparatus for producing. J. N. Vandegrift, C. Postel, and C. V. Linn. 2,041,883; May 26.
- Fuel, Apparatus for producing. J. N. Vandegrift and C. Postel. 2,066,082; Dec. 29.
- Fuel apparatus, Pulverized. J. E. Kennedy. 2,053,340; Sept. 8.
- Fuel atomizing and injecting assembly for internal combustion engines. F. D. Butler. 2,037,702; Apr. 21.
- Fuel briquette and making the same, Solid. F. M. Pukli. 2,036,642; Apr. 7.
- Fuel briquette and the production of same. L. J. J. Hazelzet. 2,042,894; June 2.
- Fuel briquettes, Apparatus for the carbonizing of. E. B. A. Zwoyer and A. L. Stillman. 2,038,623; Apr. 28.
- Fuel briquettes, Making. A. A. Roberts. 2,046,532; July 7.
- Fuel burner. I. Bencowitz and J. Wood. 2,049,150; July 28.
- Fuel burner. H. G. Chatain. 2,034,022; Mar. 17.
- Fuel burner. R. M. Hardgrove. 2,055,722; Sept. 29.
- Fuel burner. F. V. Risinger. 2,063,697; Dec. 8.
- Fuel burner. W. F. Steinmetz. 2,061,988; Nov. 24.
- Fuel burner. W. F. Wiltshire. 2,047,570; July 14.
- Fuel burner, Fluid. E. J. Lattner. 2,034,686; Mar. 17.
- Fuel burner, Gaseous. W. F. Lukemeier. 2,040,558; May 12.
- Fuel burner, Liquid. J. Fletcher. 2,044,720; June 16.
- Fuel, Burning. E. G. Bailey. 2,058,051; Oct. 20.
- Fuel burning apparatus. E. H. Carruthers and D. B. Green. 2,048,321; July 21.
- Fuel burning apparatus. J. Eaton and W. O. Lum. 2,048,495; July 21.
- Fuel burning apparatus, Liquid. G. F. Hodges and F. B. Cota. 2,066,039; Dec. 29.
- Fuel burning apparatus, Liquid. M. A. Powers. 2,039,607; May 5.
- Fuel burning device. J. S. Skelly. 2,049,668; Aug. 4.
- Fuel burning device, Liquid hydrocarbon. B. W. Tullis. 2,035,680; Mar. 31.
- Fuel, Burning liquid. B. H. Lundborg and O. V. Tillberg. 2,058,089; Oct. 20.
- Fuel burning method. M. A. Powers. 2,065,393; Dec. 22.
- Fuel burning system and apparatus therefor. I. V. Abadjieff. 2,056,702; Oct. 6.
- Fuel carbureting or vaporization means for internal combustion engines. H. Akast and R. K. Smith. 2,054,734; Sept. 15.
- Fuel coating composition. E. W. Carlson and P. J. Wiezevich. 2,062,350; Dec. 1.
- Fuel combustion apparatus, Liquid. G. E. Bjorklund. 2,045,895; June 30.
- Fuel combustion apparatus, Liquid. G. Dalén and G. E. Bjorklund. 2,043,991; June 16.
- Fuel composition, Motor. T. W. Bartram. 2,055,810; Sept. 29.
- Fuel compounds and process of making the same. I. C. Nourse. 2,055,503; Sept. 29.
- Fuel containing olefine polymers and making the fuel, Motor. F. A. Howard. 2,049,062; July 28.
- Fuel control for carburetors. O. Werner. 2,064,579; Dec. 15.
- Fuel control means, Fluid. J. Whalen. 2,056,414; Oct. 6.
- Fuel control means for airship engines. J. H. Smith. 2,060,536; Nov. 10.
- Fuel control, Thermostatic. O. W. Hahn. 2,064,909; Dec. 22.
- Fuel control valve. P. H. Hamilton. 2,033,336; Mar. 10.



- Fuel converter for gasoline engines. J. J. Simpson and D. Simpson. 2,050,504; Aug. 11.
- Fuel distributing apparatus, Liquid. H. Palmer. 2,040,707 May 12.
- Fuel distributing means for stokers. J. A. Hoffman. 2,045,357; June 23.
- Fuel distributor. H. P. Anderson. 2,044,601; June 16.
- Fuel distributor. F. P. Roesch. 2,058,828; Oct. 27.
- Fuel distributor for stokers. H. P. Anderson. 2,033,061; Mar. 3.
- Fuel economizer. G. J. Judd and C. A. Morgan. 2,037,169; Apr. 14.
- Fuel economizer. W. N. Nicholls and C. E. Ormsby. 2,033,534; Mar. 10.
- Fuel feed burner. H. S. Lee. 2,031,048; Feb. 18.
- Fuel feed controller and gear shift position indicator for automobiles. A. C. Velo. 2,060,705; Nov. 10.
- Fuel feed for internal combustion engines. F. W. and F. T. Gamage. 2,059,688; Nov. 3.
- Fuel feed for internal combustion engines. J. A. Speed. 2,051,351; Aug. 18.
- Fuel feed mechanism for internal combustion engines. J. Zubaty. 2,052,737; Sept. 1.
- Fuel feed of internal combustion engines, Regulating the. P. Filehr. 2,065,272; Dec. 22.
- Fuel feeding apparatus. M. K. Mazer and S. C. Friedman. 2,029,780; Feb. 4.
- Fuel feeding system. E. A. Rockwell. 2,031,282; Feb. 18.
- Fuel for Diesel engines. W. Wike, R. Stadler, and F. Lappe. 2,028,308; Jan. 21.
- Fuel for high pressure liquid fuel injection engines. G. M. Maverick. 2,045,788; June 30.
- Fuel gases to internal combustion engines, Apparatus for supplying. P. R. Schreurs. 2,057,165; Oct. 13.
- Fuel gauge. P. Kollman. 2,036,582; Apr. 7.
- Fuel injection and distribution means. A. C. Peterson. 2,033,535; Mar. 10.
- Fuel-injection compression-ignition engine. E. V. Jung. 2,045,858; June 30.
- Fuel injection device. H. C. Edwards. 2,035,265; Mar. 24.
- Fuel injection pump. F. L. Parsons. 2,038,311; Apr. 21.
- Fuel injection pump. A. H. J. Thomas. 2,050,134; Aug. 4.
- Fuel injection pump. G. A. Wahlmark. 2,031,346; Feb. 18.
- Fuel injection system. C. R. Alden. 2,027,360; Jan. 14.
- Fuel injection system. A. M. Rothrock. 2,044,814; June 23.
- Fuel injection system for internal combustion engines. K. J. E. Hesselman. 2,040,846; May 19.
- Fuel injector. A. M. Starr. 2,050,392; Aug. 11.
- Fuel injector apparatus. R. L. Collins. 2,041,167; May 19.
- Fuel injector for internal-combustion prime-movers. G. Amery. 2,053,312; Sept. 8.
- Fuel, Manufacture of motor. E. W. Isom. 2,046,749; July 7.
- Fuel, Manufacturing motor. J. F. M. Taylor, B. S. Greensfelder, and R. N. Shiras. 2,055,455; Sept. 22.
- Fuel measuring and registering device. E. A. Woehle. 2,033,270; Mar. 10.
- Fuel, Method and torch for burning liquid. H. G. Hughey. 2,031,163; Feb. 18.
- Fuel, Method of and apparatus for feeding. J. W. Smith. 2,035,203; Mar. 24.
- Fuel mixer. A. M. Balogh. 2,064,720; Dec. 15.
- Fuel, Mixing and burning. P. L. Scott. 2,033,155; Mar. 10.
- Fuel mixing and feeding apparatus, Comminuted. W. J. Porteous. 2,048,139; July 21.
- Fuel mixing device, Gaseous. W. A. and A. L. Dean. 2,035,538; Mar. 31.
- Fuel mixing valve, Gaseous. J. Riise. 2,031,332; Feb. 18.
- Fuel modifying device for internal combustion engines. C. F. and F. C. Miller, and A. D. Booth. 2,053,200; Sept. 1.
- Fuel, Motor. E. G. Borden. 2,047,355; July 14.
- Fuel, Motor. H. E. Buc. 2,046,243; June 30.
- Fuel, Motor. L. A. Clarke. 2,034,024; Mar. 17.
- Fuel, Motor. F. B. Downing and H. W. Walker. 2,053,466; Sept. 8.
- Fuel, Motor. R. G. Sloane and J. I. Wasson. 2,066,234; Dec. 29.
- Fuel, Motor. R. de M. Taveau. 2,034,643; Mar. 17.
- Fuel of internal combustion engines, Controlling. V. P. Reynolds. 2,035,191; Mar. 24.
- Fuel oil burner. A. Bliss. 2,027,717; Jan. 14.
- Fuel-oil burner. F. C. Dolff. 2,049,583; Aug. 4.
- Fuel oil burner. P. Duncan. 2,043,471; June 9.
- Fuel preparing and mixing apparatus for internal combustion engines. W. S. Falconer. 2,030,508; Feb. 11.
- Fuel pressure regulator, Liquid. F. B. Stearns. 2,059,759; Nov. 3.
- Fuel, Process and apparatus for burning. H. S. Lee. 2,032,135; Feb. 25.
- Fuel, Producing motor. W. M. Stratford. 2,034,317; Mar. 17.
- Fuel, Producing solidified. A. B. Ray. 2,046,209; June 30.
- Fuel, Production of motor. E. J. Houdry. 2,035,478; Mar. 31.
- Fuel products, Motor. T. H. Rogers and V. Voorhees. 2,030,940; Feb. 18.
- Fuel pump. A. M. Babitch and G. W. Harry. 2,036,452; Apr. 7.
- Fuel pump. K. C. Burkhardt. 2,057,624; Oct. 13.
- Fuel pump. L. H. Grisell. 2,037,894; Apr. 21.
- Fuel pump. H. I. Grubbs. 2,041,468; May 19.
- Fuel pump. C. F. High. 2,060,076; Nov. 10.
- Fuel pump. W. G. Noack. 2,056,204; Oct. 6.
- Fuel pump. S. Wiltse. 2,028,371; Jan. 21.
- Fuel pump, Automobile. C. Zimmer. 2,058,936; Oct. 27.
- Fuel pump protector. J. E. Foster. 2,053,607; Sept. 8.
- Fuel pump rocker arm gauge, Automobile. C. Zimmer. 2,058,937; Oct. 27.
- Fuel pumping system for engines. E. T. Vincent. 2,053,543; Sept. 8.
- Fuel saving device. R. C. Lee. 2,029,110; Jan. 28.
- Fuel saving device for internal combustion engines. A. W. Kushinsky. 2,035,237; Mar. 24.
- Fuel saving device for internal combustion engines. A. W. Kushinsky. 2,046,389; July 7.
- Fuel supply and control system. F. L. Hitchcock. 2,041,833; May 26.
- Fuel supply and regulating system for internal combustion engines. M. Hurst. 2,055,578; Sept. 29.
- Fuel supply apparatus for oil burners. W. T. Bradbury. 2,061,138; Nov. 17.
- Fuel supply device. F. A. Kommer. 2,055,356; Sept. 22.
- Fuel supply for internal combustion engines, Automatic auxiliary. I. E. Coffey. 2,030,745; Feb. 11.
- Fuel supply system. P. L. Scott. 2,046,491; July 7.
- Fuel supply system. P. S. Tice. 2,033,211; Mar. 10.
- Fuel supply system for automobiles, Pneumatically operated. A. A. Lane. 2,059,005; Oct. 27.
- Fuel supply system for internal combustion engines. G. R. Ericson and L. D. Boyce. 2,059,325; Nov. 3.
- Fuel supply unit for oil burners or the like. A. C. Kleckner and H. E. Fellows. 2,051,301; Aug. 18.
- Fuel system for oil burning engines. C. L. Cummins. 2,056,259; Oct. 6.
- Fuel tank cap lock. C. B. Adams. 2,041,387; May 19.
- Fuel tank, Safety. H. L. Adams. 2,041,450; May 19.
- Fuel tank, Siphonproof. W. C. Readeker. 2,038,676; Apr. 28.
- Fuel to internal combustion engines, Supplying. S. Olsen. 2,048,406; July 21.
- Fuel treating process and products obtained thereby, Motor. T. W. Bartram. 2,062,201; Nov. 24.
- Fuel, Treatment of motor. W. L. Benedict. 2,051,814; Aug. 25.
- Fuel, Treatment of motor. C. D. Lowry, Jr. 2,051,871-3; Aug. 25.
- Fuel, Treatment of motor. J. C. Morrell. 2,033,145; Mar. 10.
- Fuel vapor and air mixer. W. G. Shaver and J. C. Farner. 2,064,693; Dec. 15.
- Fuel vaporizer and burner, Liquid. C. A. French. 2,031,306; Feb. 18.
- Fuel vaporizing device. C. L. Chamberlain and F. H. Brown. 2,049,687; Aug. 4.
- Fuels. L. E. Levi. 2,062,463; Dec. 1.
- Fuels and products resulting therefrom, Treating hydrocarbon motor. G. W. Ayers, Jr. 2,039,576; May 5.
- Fuels, Apparatus for burning liquid. T. J. Stephens. 2,054,588; Sept. 15.
- Fuels, Burning liquid. H. A. Tiffany. 2,030,124; Feb. 11.
- Fuels, especially refuse, Apparatus for burning low-grade. V. Kolb. 2,029,576; Feb. 4.
- Fuels for internal combustion engines. S. Whyte. 2,032,242; Feb. 25.
- Fuels, Improving motor. J. C. Geniesse and R. Reuter. 2,039,894; May 5.
- Fuels into internal combustion engines, Introducing anti-knock. W. N. Thatcher. 2,050,978; Aug. 11.
- Fuels, Manufacture of stabilized motor. E. Ayres. 2,048,770; July 28.
- Fuels, Process and apparatus for manufacturing motor. M. P. Youker. 2,035,209; Mar. 24.
- Fuels, Storing motor. E. N. Roberts. 2,050,732; Aug. 11.
- Fuels, Treating hydrocarbon. H. Reinecke. 2,028,014; Jan. 14.
- Fuels, Treating hydrocarbon motor. J. Hyman and G. W. Ayers, Jr. 2,039,595; May 5.
- Fulcrum for forging manipulators. W. D. Keller and E. H. Kendall. 2,053,292; Sept. 8.
- Fulling mill. E. Cannity. 2,039,882; May 5.
- Fume and dust eliminator. W. D. Sullivan. 2,032,101; Feb. 25.
- Fume, Manufacture of metallic. C. F. Garesché. 2,065,218; Dec. 22.
- Fumigant composition. H. Schrader and E. Bossert. 2,037,439; Apr. 14.
- Fumigating, Apparatus for and method of. W. W. Hinds. 2,027,042; Jan. 7.
- Fumigating cap. W. C. Purdy. 2,046,132; June 30.
- Fumigating gas generator. J. J. Reid. 2,062,609; Dec. 1.
- Fumigating storage bag. H. Raff. 2,058,177; Oct. 20.
- Fungicide and insecticide. A. A. Nikitin, F. B. Myers, and J. F. Adams. 2,040,811; May 12.
- Funnel and can opener, Combination. C. J. Farrar. 2,036,746; Apr. 7.
- Funnel for use in spinning rayon and other synthetic threads. G. J. Wider. 2,060,964; Nov. 17.
- Fur and the like and composition therefor, Carroting. C. F. Fabian and A. N. Sachanen. 2,048,645; July 21.
- Fur and the like and composition therefor, Carroting. C. F. Fabian and A. N. Sachanen. 2,052,873; Sept. 1.
- Fur, Cutting. O. M. Dean. 2,040,364; May 12.
- Fur, Method and apparatus for cutting. M. E. Rutter and L. Rotter. 2,038,857; Apr. 28.



- Fur, Treating. I. Reiffel. 2,048,030; July 21.  
 Fur treating machine. F. W. Horstmann. 2,029,775; Feb. 4.  
 Fur trimmed article and making same. E. W. Dunbar. 2,051,291; Aug. 18.  
 Furrier's cutting tool. A. C. Delbon. 2,027,964; Jan. 14.  
 Furs, Reinforcing of. J. A. Kleine. 2,060,397; Nov. 10.  
 Furnace: See—  
   Aluminum furnace. Immersion tube type furnace.  
   Annealing furnace. Incinerating furnace.  
   Boiler furnace. Melting and holding furnace.  
   Coal-dust furnace. Metallurgical furnace.  
   Combination furnace. Mineral wool furnace.  
   Continuous furnace. Oil burning furnace.  
   Continuous strip annealing furnace. Open-hearth furnace.  
   Copper refining furnace. Ore smelting and converting furnace.  
   Cupel furnace. Regenerative furnace.  
   Distillation and liquation furnace. Rotary tube furnace.  
   Drawing furnace. Smelting furnace.  
   Electric furnace. Steam generating furnace.  
   Electric reduction furnace. Stoker furnace.  
   Gas converting furnace. Tilting furnace.  
   Gas furnace. Walking beam furnace.  
   Glass furnace. Warm air furnace.  
   Heat treating furnace. Water cooled furnace.  
   Heating furnace.  
   Hot air furnace.  
 Furnace. R. L. Beers. 2,065,556; Dec. 29.  
 Furnace. J. S. Bennett. 2,029,285; Feb. 4.  
 Furnace. E. H. Berryman and H. K. Huppert. 2,034,892; Mar. 24.  
 Furnace. J. O. Betterton. 2,063,579; Dec. 8.  
 Furnace. C. A. Bowen. 2,029,052; Jan. 28.  
 Furnace. C. L. Bryant. 2,037,496; Apr. 14.  
 Furnace. E. S. Burch. 2,035,297; Mar. 24.  
 Furnace. W. D. Burton. 2,054,805; Sept. 22.  
 Furnace. A. L. Dixon and C. J. Cardin. 2,049,950; Aug. 4.  
 Furnace. J. F. Forman. 2,062,357; Dec. 1.  
 Furnace. H. C. Frentzel, Jr. 2,037,070; Apr. 14.  
 Furnace. C. A. Gallagher and C. M. Allen. 2,027,817; Jan. 14.  
 Furnace. W. S. Gullette and T. B. Kimball. 2,055,452; Sept. 22.  
 Furnace. G. R. Lewers. 2,061,708; Nov. 24.  
 Furnace. R. von Mattekovich. 2,042,642-3; June 2.  
 Furnace. W. A. Ogg. 2,046,402; July 7.  
 Furnace. A. N. Otis. 2,060,634; Nov. 10.  
 Furnace. C. L. Shrum. 2,033,208; Mar. 10.  
 Furnace. F. A. Whiteley. 2,053,590; Sept. 8.  
 Furnace and the like, Open hearth. A. M. Rossman. 2,063,402; Dec. 8.  
 Furnace apparatus for the heat treatment of metallic or other bodies. A. W. Ogilvy-Webb. 2,039,203; Apr. 28.  
 Furnace casing construction, Ventilated. J. W. Norris. 2,043,487; June 9.  
 Furnace construction. D. Baird. 2,030,734; Feb. 11.  
 Furnace construction. O. F. Gottlieb. 2,046,115; June 30.  
 Furnace construction. H. V. Leahy. 2,065,533; Dec. 29.  
 Furnace construction. J. Schmeiler, Sr. 2,035,282; Mar. 24.  
 Furnace construction, Blast. O. R. Rice. 2,040,532; May 12.  
 Furnace control. C. R. Barnett. 2,058,945; Oct. 27.  
 Furnace control. L. R. Kettenring and F. J. Lillis. 2,065,712; Dec. 29.  
 Furnace controlling mechanism, Gas. A. D. MacLean. 2,054,481; Sept. 15.  
 Furnace filling device, Blast. O. R. Rice. 2,050,379; Aug. 11.  
 Furnace finger. P. S. Menough. 2,064,937; Dec. 22.  
 Furnace for electrolytic purposes. L. Ferrand. 2,061,146; Nov. 17.  
 Furnace for enameling, heat treating, etc., and applying heat therefor. W. A. Darrah. 2,062,642; Dec. 1.  
 Furnace for heating fluids. H. D. Loeb. 2,035,900; Mar. 31.  
 Furnace for heating metal sheets or plates, Conveyer. J. Fallon. 2,056,510; Oct. 6.  
 Furnace for heating sheets of plate glass or sheet glass before tempering, Electric. R. Magnien. 2,055,981; Sept. 29.  
 Furnace for roasting sulphurous ores. W. Mueller. 2,031,122; Feb. 18.  
 Furnace for the pyrolytic treatment of hydrocarbon oils. C. O. Melberg. 2,048,351; July 21.  
 Furnace header. G. P. Jackson. 2,054,434; Sept. 8.  
 Furnace heat regulator, Automatic. P. C. and W. P. Timm. 2,028,363; Jan. 21.  
 Furnace of the suspended arch type, Metallurgical. K. A. Lindner. 2,029,492; Feb. 4.  
 Furnace or boiler. H. Blackburn. 2,055,400; Sept. 22.  
 Furnace port. J. N. Wilson. 2,044,655; June 16.  
 Furnace pressure regulation. C. M. Terry. 2,053,750; Sept. 8.  
 Furnace structure. J. E. MacDonald. 2,058,810; Oct. 27.  
 Furnace system, Regenerative open hearth. W. J. Tourville. 2,046,419; July 7.  
 Furnace unit. F. F. Jackson. 2,059,794; Nov. 3.  
 Furnace wall. G. F. Davey. 2,051,683; Aug. 18.  
 Furnace wall. A. H. Stewart. 2,042,560; June 2.  
 Furnace wall and block unit for making the same. F. H. Bankert. 2,061,822; Nov. 24.  
 Furnace wall structure. A. S. Barker. 2,059,766; Nov. 3.  
 Furnaces, Annealing and other heat-treatment. A. G. Lobly. 2,031,270; Feb. 18.  
 Furnaces for melting and refining metals and the like, Operating. A. M. Rossman. 2,063,401; Dec. 8.  
 Furnaces, Method and apparatus for stoking. J. B. Miller. 2,056,478; Oct. 6.  
 Furnaces, Method of stoking. H. L. Kraefft. 2,027,485; Jan. 14.  
 Furnaces, Operating high frequency induction. L. Dreyfus. 2,051,773; Aug. 18.  
 Furnaces, Operating regenerative. E. A. Vlerow. 2,049,477; Aug. 4.  
 Furniture. H. E. Aulsbrook. 2,064,968; Dec. 22.  
 Furniture. F. A. Hayden. 2,044,166; June 16.  
 Furniture. W. McArthur, Jr. 2,035,489; Mar. 31.  
 Furniture, Collapsible. I. Stern. 2,054,915; Sept. 22.  
 Furniture construction, Metal. W. McArthur, Jr. 2,035,488; Mar. 31.  
 Furniture, Convertible. J. C. Ward, Jr. 2,033,795; Mar. 10.  
 Furniture, Folding. A. G. Parry. 2,044,364; June 16.  
 Furniture, Folding. E. Vanderminde. 2,052,955; Sept. 1.  
 Furniture, Folding article of. J. Kovats. 2,054,755; Sept. 15.  
 Furniture for printing, composing, and the like, Adjustable piece of. E. B. Zimmermann. 2,054,891; Sept. 22.  
 Furniture leg shoe. R. E. Miller. 2,030,649; Feb. 11.  
 Furniture leveling device, Automatic. A. Hervé. 2,054,977; Sept. 22.  
 Furniture, Metal. D. O. Peschel. 2,061,588; Nov. 24.  
 Furniture, Portable. F. Ames. 2,061,929; Nov. 24.  
 Furniture, Printing. C. Reckeweg. 2,034,154; Mar. 17.  
 Furniture roller or coaster. O. E. De Haven. 2,034,509; Mar. 17.  
 Furniture side frame. W. L. Gittings. 2,064,424; Dec. 15.  
 Furniture, Spring base. L. J. Zerbee. 2,064,137; Dec. 15.  
 Furniture spring seat. C. C. Meutsch. 2,026,843; Jan. 7.  
 Furniture spring suspension. C. C. Meutsch. 2,029,182; Jan. 28.  
 Furniture support. J. C. Ward, Jr. 2,059,420; Nov. 3.  
 Furniture top construction. D. E. Hunter. 2,032,878; Mar. 3.  
 Furrow attachment for gang plows. R. Pearson. 2,035,616; Mar. 31.  
 Furrow damming machine. R. H. Smith. 2,043,076; June 2.  
 Furyl-alkyl ketones, Mixed. A. W. Ralston and C. W. Christensen. 2,033,542; Mar. 10.  
 Furyl-alkyl ketones, Mixed. A. W. Ralston and C. W. Christensen. 2,033,548; Mar. 10.  
 Fuse. G. R. Brown. 2,031,457; Feb. 18.  
 Fuse. G. R. Brown. 2,041,590; May 19.  
 Fuse. W. C. Crimmins. 2,059,681; Nov. 3.  
 Fuse. G. R. Goodwin and C. A. Farrar. 2,060,464; Nov. 10.  
 Fuse. M. Lemos. 2,056,790; Oct. 6.  
 Fuse. H. A. Triplett. 2,066,129; Dec. 29.  
 Fuse. E. A. William. 2,043,024; June 2.  
 Fuse and assembling apparatus and method therefor, Electric. M. B. Wood. 2,046,669; July 7.  
 Fuse and fuse puller. M. B. Wood. 2,042,756; June 2.  
 Fuse and fusible element therefor, Enclosed electric. M. B. Wood. 2,055,115; Sept. 22.  
 Fuse and holder therefor. F. E. Lowenstein. 2,059,467; Nov. 3.  
 Fuse and switch receptacle. W. J. Bauroth. 2,026,957; Jan. 7.  
 Fuse-bulb, Automatic fire alarm. A. Merdan. 2,037,584; Apr. 14.  
 Fuse carrier. F. L. Novak. 2,049,309; July 28.  
 Fuse, Cartridge. F. C. La Mar. 2,036,177; Mar. 31.  
 Fuse clamp. C. M. Gura. 2,055,438; Sept. 22.  
 Fuse construction, Repeating. W. O. Schultz and A. G. Steinmayer. 2,051,771; Aug. 18.  
 Fuse construction, Repeating. W. O. Schultz and A. G. Steinmayer. 2,052,671; Sept. 1.  
 Fuse construction, Repeating. W. O. Schultz and A. G. Steinmayer. 2,063,466; Dec. 8.  
 Fuse cut-out. R. S. Bennett. 2,066,172; Dec. 29.  
 Fuse, Delay action electric. C. E. Sosson and H. Barlow. 2,048,038; July 21.  
 Fuse, Drop-out. W. O. Schultz and A. G. Steinmayer. 2,029,593; Feb. 4.  
 Fuse, Electric. O. H. Jung and P. E. Heffelfinger. 2,048,391; July 21.  
 Fuse, Electric. O. H. Jung and P. E. Heffelfinger. 2,055,866; Sept. 29.  
 Fuse, Electric. E. V. Sundt and B. Kollath. 2,041,383; May 19.  
 Fuse, Electric. E. H. Taylor. 2,030,613; Feb. 11.  
 Fuse for bombs. H. H. Zornig. 2,054,111; Sept. 15.  
 Fuse for candles and the like. H. C. Gibson, D. L. Woodberry, and J. Stank. 2,042,461; June 2.  
 Fuse for projectiles. L. E. Remondy. 2,047,884; July 14.  
 Fuse for projectiles. G. E. Rogers. 2,043,266; June 9.  
 Fuse for projectiles. H. H. Zornig. 2,044,026; June 16.  
 Fuse for projectiles, bombs and the like, Percussion. L. E. Remondy. 2,054,510; Sept. 15.  
 Fuse for projectiles, Point-detonating. D. L. Woodberry. 2,030,085; Feb. 11.  
 Fuse, High tension. G. L. Hill. 2,056,189; Oct. 6.



- Fuse, Housed type of drop-out. A. G. Steinmayer and W. O. Schultz. 2,050,072; Aug. 4.
- Fuse igniting device, Automatic blasting. J. F. Wiggert. 2,064,706; Dec. 15.
- Fuse indicator. F. C. La Mar. 2,062,669; Dec. 1.
- Fuse, Indicator. W. N. Wilcox. 2,052,267; Aug. 25.
- Fuse-making machine. H. P. Renwick. 2,043,838; June 9.
- Fuse mechanism. J. Sandin. 2,064,037; Dec. 15.
- Fuse, Multiple. S. J. Wynn. 2,034,366; Mar. 17.
- Fuse panel. A. Kenner and C. A. Smith. 2,065,897; Dec. 29.
- Fuse, Percussion. M. Birkigt. 2,057,410; Oct. 13.
- Fuse plug. M. M. Culbert. 2,034,975; Mar. 24.
- Fuse plug. O. A. Falk. 2,050,940; Aug. 11.
- Fuse, Plug. R. W. King. 2,041,000; May 19.
- Fuse plug. F. G. Leavenworth. 2,055,035; Sept. 22.
- Fuse plug. L. Ludwig. 2,041,295; May 19.
- Fuse plug. F. J. McHugh. 2,060,819; Nov. 17.
- Fuse, Plug. M. H. White. 2,036,008; Mar. 31.
- Fuse plug, Multiple. F. A. Schiller. 2,058,264; Oct. 20.
- Fuse, Repeating. T. F. Johnson. 2,059,796; Nov. 3.
- Fuse switch. C. A. Fox. 2,047,365; July 14.
- Fuse switch. C. L. Matthews and T. Birkenmaier. 2,060,514; Nov. 10.
- Fuse, Water-impact. H. J. Nichols. 2,035,186; Mar. 24.
- Fused wall receptacle. J. P. Niesen. 2,039,336; May 5.
- Fuses, Indicating the blowing of high-tension. H. Lapple. 2,036,223; Apr. 7.
- Fuses, Venting means for electric. L. Ludwig. 2,065,338; Dec. 22.
- Fusions, Apparatus for. J. F. Wait. 2,059,543; Nov. 3.
- Fuselage. J. Rouffaer. 2,059,492; Nov. 3.
- Fuselage construction. G. M. Bellanca. 2,043,980; June 16.
- Gable construction. W. T. Wells. 2,061,862; Nov. 24.
- Gaff, Folding blade. M. Glass. 2,052,705; Sept. 1.
- Gain control, Automatic. W. van B. Roberts. 2,041,150; May 19.
- Gain control, Automatic. W. van B. Roberts. 2,043,062; June 2.
- Gain control circuits. H. Friedrich. 2,058,972; Oct. 27.
- Gain control receiver, Automatic. G. Anders. 2,046,144; June 30.
- Gain control regulator. H. Broadwell. 2,058,561; Oct. 27.
- Galosh. J. Griffith. 2,033,935; Mar. 17.
- Galvanic cell. P. A. Marsal. 2,060,818; Nov. 17.
- Galvanized articles, Manufacture of hot. F. C. Elder. 2,049,834; Aug. 4.
- Galvanized sheet, Nonspangles. C. K. Lytle. 2,034,348; Mar. 17.
- Galvanizing apparatus. A. F. Bradley. 2,063,721; Dec. 8.
- Gambrel. G. Carsillo. 2,033,754; Mar. 10.
- Game. I. E. Burdick. 2,037,064; Apr. 14.
- Game. W. E. Davison. 2,036,462; Apr. 7.
- Game. W. J. Emmerich. 2,042,930; June 2.
- Game. G. Erickson. 2,057,888; Oct. 20.
- Game. E. Estes. 2,042,424; May 26.
- Game. E. A. Ford. 2,056,781; Oct. 6.
- Game. T. C. Glaser. 2,056,515; Oct. 6.
- Game. H. W. Goewey. 2,045,460; June 23.
- Game. C. A. Hastings. 2,036,630; Apr. 7.
- Game. W. P. Heath. 2,058,079; Oct. 20.
- Game. O. L. Klein. 2,029,107; Jan. 28.
- Game. L. D. Kropp. 2,026,580; Jan. 7.
- Game. A. H. Leonard, Jr. 2,049,267; July 28.
- Game. P. W. T. Loy. 2,055,036; Sept. 22.
- Game. C. W. Mabey. 2,054,516; Sept. 15.
- Game. H. N. McDermott. 2,048,077; July 21.
- Game. C. P. Michener. 2,044,122; June 16.
- Game. W. J. Morrill. 2,039,332; May 5.
- Game. D. H. Munro and R. E. Grieve. 2,048,944; July 28.
- Game. B. Read. 2,052,797; Sept. 1.
- Game. L. E. Ross. 2,039,352; May 5.
- Game. S. Salomon. 2,043,677; June 9.
- Game. K. C. Shyvers. 2,031,740; Feb. 25.
- Game. K. C. Shyvers and L. A. Durant. 2,053,379; Sept. 8.
- Game. J. F. Smith. 2,030,549; Feb. 11.
- Game. W. W. Wade. 2,049,280; July 28.
- Game. J. H. Watson. 2,032,677; Mar. 3.
- Game. C. E. Wood. 2,053,170; Sept. 1.
- Game and educational device. W. Hastings. 2,062,453; Dec. 1.
- Game and game apparatus therefor. A. E. Eccles and M. J. Hatfield. 2,055,097; Sept. 22.
- Game apparatus. R. Bates. 2,066,244; Dec. 29.
- Game apparatus. A. Bechtol. 2,037,108; Apr. 14.
- Game apparatus. A. Bissiri and F. G. Carling. 2,061,135; Nov. 17.
- Game apparatus. L. J. Blackmore. 2,062,204; Nov. 24.
- Game apparatus. E. E. Blau. 2,053,598; Sept. 8.
- Game apparatus. T. E. Brown, Jr., and S. Hardesty. 2,060,973; Nov. 17.
- Game apparatus. J. J. Carr. 2,054,738; Sept. 1.
- Game apparatus. B. V. Chambers. 2,060,797; Nov. 17.
- Game apparatus. J. V. Dean. 2,045,217; June 23.
- Game apparatus. J. Delwiche. 2,062,166; Nov. 24.
- Game apparatus. H. R. Doty. 2,039,782; May 5.
- Game apparatus. L. W. Gensburg. 2,050,309; Aug. 11.
- Game apparatus. D. E. Hooker. 2,040,310; May 12.
- Game apparatus. D. E. Hooker. 2,042,786; June 2.
- Game apparatus. M. Kellermann. 2,035,706; Mar. 31.
- Game apparatus. C. R. Kirk and E. E. Collison. 2,044,309; June 16.
- Game apparatus. C. R. Kirk and E. E. Collison. 2,054,983; Sept. 22.
- Game apparatus. A. Klemm. 2,040,855; May 19.
- Game apparatus. B. MacDougall. 2,029,177; Jan. 28.
- Game apparatus. B. MacDougall. 2,035,271; Mar. 24.
- Game apparatus. F. J. Marco. 2,042,723; June 2.
- Game apparatus. H. McClellan. 2,026,902; Jan. 7.
- Game apparatus. G. H. Miner. 2,064,025; Dec. 15.
- Game apparatus. H. Pallada. 2,036,603; Apr. 7.
- Game apparatus. B. Radtke. 2,044,328; June 16.
- Game apparatus. B. Radtke. 2,054,866; Sept. 22.
- Game apparatus. D. C. Rockola. 2,043,447; June 9.
- Game apparatus. D. C. Rockola. 2,047,800; July 14.
- Game apparatus. N. J. Ryan. 2,035,277; Mar. 24.
- Game apparatus. H. B. Scherer. 2,030,322; Feb. 11.
- Game apparatus. H. F. Scofield. 2,055,159; Sept. 22.
- Game apparatus. W. A. Tratsch and B. C. Grunig. 2,060,960; Nov. 17.
- Game apparatus. R. L. L. Warner. 2,055,566; Sept. 29.
- Game apparatus. T. Wossilek. 2,057,603; Oct. 13.
- Game apparatus. J. A. Yerkes. 2,046,595; July 7.
- Game apparatus, Cue ball bowling. L. H. Smith. 2,052,584; Sept. 1.
- Game apparatus, Electrically operated. J. M. Prentice. 2,029,834; Feb. 4.
- Game, Apparatus for playing a new. S. L. Jarvis. 2,044,906; June 23.
- Game apparatus, Mechanical. D. L. Alger. 2,034,321; Mar. 17.
- Game, Baseball. W. H. Parker and D. P. Gregory. 2,049,314; July 28.
- Game board. C. A. Anderson. 2,058,202; Oct. 20.
- Game board. F. E. Anderson. 2,050,914; Aug. 11.
- Game, Board. A. Spiro. 2,064,229; Dec. 15.
- Game board and accessories, Combination. T. R. Potter. 2,052,035; Aug. 25.
- Game-board or toy. E. L. Whitehall. 2,053,754; Sept. 8.
- Game board, Recording safety. H. F. Krantz. 2,029,928; Feb. 4.
- Game, Card. E. W. McCarroll. 2,063,941; Dec. 15.
- Game, Card. V. D. Shoup. 2,054,888; Sept. 22.
- Game construction. D. Grant. 2,051,476; Aug. 18.
- Game, Deflector ball. C. E. Post. 2,066,159; Dec. 29.
- Game device. E. H. Craig. 2,061,221; Nov. 17.
- Game device. J. W. Culp. 2,035,638; Mar. 31.
- Game device. A. T. Hamilton. 2,043,291; June 9.
- Game device. L. La Voice. 2,043,105; June 2.
- Game device. R. D. McIntosh. 2,039,969; May 5.
- Game device. G. E. Perry. 2,062,144; Nov. 24.
- Game device. C. P. Potter. 2,036,718; Apr. 7.
- Game device. J. McK. Semple. 2,039,121; Apr. 28.
- Game device. R. B. Stewart. 2,061,112; Nov. 17.
- Game device. W. T. Supina. 2,066,238; Dec. 29.
- Game device, Catcher and thrower. R. H. McCrea. 2,042,544; June 2.
- Game, Double dummy bridge. I. R. Paris. 2,030,466; Feb. 11.
- Game, Football. W. T. Anderson. 2,049,284; July 28.
- Game of skill. J. Brady. 2,034,324; Mar. 17.
- Game, Pin ball. C. H. Huenergardt. 2,035,748; Mar. 31.
- Game, Pinball. M. N. Tigerman. 2,051,229; Aug. 18.
- Game play indicator. F. F. Harrie. 2,064,745; Dec. 15.
- Game simulating golf, Apparatus for playing a. L. J. Simon. 2,051,751; Aug. 18.
- Game table. B. G. Gisser. 2,053,659; Sept. 8.
- Game table. J. K. Mitchell. 2,029,433; Feb. 4.
- Game table. J. Tazelaar. 2,035,204; Mar. 24.
- Game table. W. J. Turnbull. 2,031,989; Feb. 25.
- Game, Target. C. F. Cookson. 2,056,095; Sept. 29.
- Game totalizer. L. A. Durant. 2,054,616; Sept. 15.
- Game totalizing device. K. Knickerbocker. 2,058,323; Oct. 20.
- Game trap. C. M. Ward. 2,061,123; Nov. 17.
- Games, Apparatus for playing. O. L. Jeffries. 2,026,682; Jan. 7.
- Games, Appliance for use in practicing or playing. H. C. Deane and J. H. Naden. 2,032,081; Feb. 25.
- Games, Device for basket ball. A. A. Schabinger. 2,049,593; Aug. 4.
- Games scorer. R. H. Paul. 2,058,496; Oct. 27.
- Games such as bridge, Device for scoring in. E. Weatherall. 2,047,301; July 14.
- Garage. S. Eliot. 2,034,028; Mar. 17.
- Garage. H. Harnischfeger. 2,028,391; Jan. 21.
- Garage for automobiles and the like. J. Rome and K. Rubenstein. 2,028,476; Jan. 21.
- Garbage can. J. F. Geibel. 2,046,777; July 7.
- Garden flat. F. J. Ball. 2,046,236; June 30.
- Garden implement. J. B. Ronstadt. 2,045,728; June 30.
- Garden tool. C. R. Fish. Jr. 2,065,678; Dec. 29.
- Garden tool. E. Girardello. 2,058,225; Oct. 20.
- Garden tool. J. F. Hicbee. 2,041,179; May 19.
- Garden tool. G. A. Marshall. 2,049,713; Aug. 4.
- Garden tool. J. G. Rieff. 2,064,448; Dec. 15.
- Gardening tool. L. Jaenichen. 2,056,007; Sept. 29.
- Garment. B. Berkowitz. 2,033,606; Mar. 10.
- Garment. F. Chatfield. 2,062,161; Nov. 24.
- Garment. P. Cunningham. 2,033,456; Mar. 10.
- Garment. W. Daniel. 2,055,858; Sept. 29.
- Garment. M. C. Fridolph. 2,026,524; Jan. 7.
- Garment. J. E. Galazin. 2,040,985; May 19.
- Garment. I. Gerstman. 2,032,982; Mar. 3.
- Garment. J. Hirsch. 2,062,131; Nov. 24.



- Garment. W. D. Ide. 2,035,604; Mar. 31.  
 Garment. E. D. Kattermann. 2,045,391; June 23.  
 Garment. F. Lerner. 2,049,966; Aug. 4.  
 Garment. E. C. McKeefrey. 2,039,821; May 5.  
 Garment. T. Papageorge. 2,037,918; Apr. 21.  
 Garment. E. D. Price. 2,049,569; Aug. 4.  
 Garment. T. J. Smutny. 2,053,227; Sept. 1.  
 Garment. T. H. Vinyard. 2,033,266; Mar. 10.  
 Garment. V. N. Weiss. 2,065,780; Dec. 29.  
 Garment and carrying bag, Combined. J. R. Long. 2,058,474; Oct. 27.  
 Garment and closure therefor. R. M. Goldsmith. 2,059,337; Nov. 3.  
 Garment, Apparel. S. Zweben. 2,055,094; Sept. 22.  
 Garment, Athletic. L. G. Baer. 2,050,410; Aug. 11.  
 Garment bag. H. London. 2,052,932; Sept. 1.  
 Garment bagging device. B. T. Willson. 2,057,406; Oct. 13.  
 Garment, Carpenter's. V. T. Powell. 2,066,072; Dec. 29.  
 Garment carrier. A. Levine. 2,062,462; Dec. 1.  
 Garment clip. W. R. Teller, A. Frankenthaler, and W. S. Todd. 2,036,242; Apr. 7.  
 Garment, Combination. N. F. Dorn. 2,051,437; Aug. 18.  
 Garment, Combination. A. M. Le May. 2,054,330; Sept. 15.  
 Garment, Combination. H. Wipperman. 2,031,022; Feb. 18.  
 Garment, Combination. H. Wipperman. 2,034,167; Mar. 17.  
 Garment, Composite knitted. G. Gastrich. 2,035,876; Mar. 31.  
 Garment construction. E. G. Dann. 2,056,773; Oct. 6.  
 Garment construction. J. B. Ransom. 2,042,629; June 2.  
 Garment, Convertible. M. Abrams. 2,064,399; Dec. 15.  
 Garment, Convertible. H. Greenbaum. 2,048,120; July 21.  
 Garment, Convertible. S. B. Hyman. 2,051,482; Aug. 18.  
 Garment, Convertible. F. L. Prins. 2,055,802; Sept. 29.  
 Garment, Convertible. M. L. Schreier. 2,028,356; Jan. 21.  
 Garment designs, Creating, making, and duplicating. J. Bonanno. 2,053,176; Mar. 10.  
 Garment, Drop seat. M. Wolf and L. Reider. 2,039,946; May 5.  
 Garment for boys. B. Rubin. 2,034,312; Mar. 17.  
 Garment for boys. B. Rubin. 2,042,192; May 26.  
 Garment, Foundation. C. Brown. 2,052,163; Aug. 25.  
 Garment, Foundation. M. Ciringione. 2,048,492; July 21.  
 Garment, Foundation. M. A. Nathanson. 2,040,398; May 12.  
 Garment hanger. B. Balefant and H. Hassan. 2,044,346; June 16.  
 Garment hanger. F. A. Ballin, Jr. 2,065,499; Dec. 29.  
 Garment hanger. B. and A. B. Cahn. 2,034,859; Mar. 24.  
 Garment hanger. P. Friedman. 2,054,654; Sept. 15.  
 Garment hanger. O. Gebhardt. 2,056,047; Sept. 29.  
 Garment hanger. H. S. Geer. 2,045,848; June 30.  
 Garment hanger. O. E. Hoehn. 2,037,325; Apr. 14.  
 Garment hanger. R. Hoffman. 2,042,846; June 2.  
 Garment hanger. J. McB. Knote. 2,037,077; Apr. 14.  
 Garment hanger. H. O. Mills. 2,050,537; Aug. 11.  
 Garment hanger. A. G. Ratermann. 2,053,633; Sept. 8.  
 Garment hanger. F. Rosen. 2,046,654; July 7.  
 Garment hanger. F. S. Shaffer. 2,042,240; May 26.  
 Garment hanger. C. R. Tromp. 2,048,899; July 28.  
 Garment hanger. L. A. Young. 2,061,266; Nov. 17.  
 Garment, Heating. B. Hill. 2,051,524; Aug. 18.  
 Garment holder. M. Cohen. 2,060,459; Nov. 10.  
 Garment holder. F. P. Grunkemeyer. 2,055,744; Sept. 29.  
 Garment holder. G. C. Hoffman. 2,043,620; June 9.  
 Garment holder. F. E. Jacobs. 2,056,428; Oct. 6.  
 Garment holding rack. L. O. Duncan. 2,043,036; June 2.  
 Garment, Hose supporting. J. Monette. 2,062,596; Dec. 1.  
 Garment, Infant's. F. Behringer. 2,030,091; Feb. 11.  
 Garment, Infant's. E. E. Darling. 2,035,052; Mar. 24.  
 Garment, Infant's. B. M. Dickson. 2,051,685; Aug. 18.  
 Garment, Knit. C. L. Martin. 2,052,784; Sept. 1.  
 Garment, Lady's. H. S. Kohler and F. R. McKinnon. 2,032,323; Feb. 25.  
 Garment, Lady's. M. M. Messing. 2,066,298; Dec. 29.  
 Garment, Lady's. P. J. Victorius. 2,046,350; July 7.  
 Garment manufacture. E. I. Golding. 2,030,026; Feb. 4.  
 Garment measuring device. M. W. Greenberg. 2,063,922; Dec. 15.  
 Garment or hose supporter. M. Hawie. 2,036,141; Mar. 31.  
 Garment or ironing press. E. Davis. 2,035,794; Mar. 31.  
 Garment or ironing press. E. Davis. 2,035,796; Mar. 31.  
 Garment or ironing press. E. Davis. 2,035,797; Mar. 31.  
 Garment or ironing press. E. Davis. 2,036,321; Apr. 7.  
 Garment or ironing press. E. Davis. 2,045,447; June 23.  
 Garment or ironing press. W. B. Rice. 2,052,724; Sept. 1.  
 Garment or so-called overalls, Combination. G. H. Kayser. 2,058,238; Oct. 20.  
 Garment press. J. W. B. Coleman. 2,058,953; Oct. 27.  
 Garment pressing machine. H. G. Beede. 2,034,279; Mar. 17.  
 Garment pressing machine. V. Freda, J. Staffier, and L. Sunderland. 2,039,788; May 5.  
 Garment pressing machine. A. F. Hanney. 2,046,780; July 7.  
 Garment pressing machine. H. E. Page. 2,051,739; Aug. 18.  
 Garment pressing machine. H. E. Page. 2,058,495; Oct. 27.  
 Garment pressing machines, Attachment for. H. G. Sutton. 2,042,640; June 2.  
 Garment, Protective. R. Mathias. 2,045,157; June 23.  
 Garment rack joint. E. Levin. 2,065,902; Dec. 29.  
 Garment, Sanitary. E. Berg. 2,052,598; Sept. 1.  
 Garment, Shoulder-supported. H. L. Redmond. 2,035,377; Mar. 24.  
 Garment such as knickers and the like. F. Ebert. 2,064,249; Dec. 15.  
 Garment support. L. Jakupczyk. 2,065,976; Dec. 29.  
 Garment support. H. Klein. 2,061,238; Nov. 17.  
 Garment support. G. L. Moore. 2,057,045; Oct. 13.  
 Garment support, Extendible. T. E. Wayne. 2,039,758; May 5.  
 Garment tapering attachment for knitting machines. J. A. Firsching. 2,029,227; Jan. 28.  
 Garment with detachable elastic band, Drop seat. W. Murphey. 2,064,266; Dec. 15.  
 Garment with semiraglan sleeve. R. E. Berman. 2,036,013; Mar. 31.  
 Garment, Woman's. P. J. Moran. 2,044,623; June 16.  
 Garments, Attachment for women's. M. E. Lain. 2,030,306; Feb. 11.  
 Garments, Method of and apparatus for starching. H. Koplin. 2,052,354; Aug. 25.  
 Garments, Producing sewed. M. Popper. 2,034,354; Mar. 17.  
 Garments, Producing sewed. M. Popper. 2,052,516; Aug. 25.  
 Garnet abrasive, Producing a. R. H. Rizor. 2,050,212; Aug. 4.  
 Garter. A. J. Sobel. 2,040,635; May 12.  
 Garter grip. J. Jacobs. 2,044,728; June 16.  
 Garter grip. L. Locke. 2,055,311; Sept. 22.  
 Gas absorption machine. H. E. La Bour. 2,058,326; Oct. 20.  
 Gas administering. E. I. McKesson. 2,042,474; June 2.  
 Gas administering equipment. E. I. McKesson. 2,047,216; July 14.  
 Gas administration. E. I. McKesson. 2,035,492; Mar. 31.  
 Gas analysis. A. Kremser. 2,055,628; Sept. 29.  
 Gas analysis apparatus. M. P. Matuszak. 2,026,842; Jan. 7.  
 Gas analyzing process and apparatus. J. D. Morgan and A. P. Sullivan. 2,057,246; Oct. 13.  
 Gas and air mixer. J. E. Miller. 2,032,548; Mar. 3.  
 Gas and air mixing apparatus. J. J. Maxon. 2,035,904; Mar. 31.  
 Gas and coke in chamber ovens, Producing. C. Otto and W. Stäckel. 2,037,587; Apr. 14.  
 Gas and fume eliminator for internal combustion engines. J. H. Vander Veer. 2,035,775; Mar. 31.  
 Gas and liquid separating apparatus. J. C. Hobbs. 2,058,240; Oct. 20.  
 Gas and liquid storage device. J. H. Wiggins. 2,050,405; Aug. 11.  
 Gas and liquid storage device. J. H. Wiggins. 2,050,684-6; Aug. 11.  
 Gas and making same, Heating and illuminating. W. H. Hampton and J. T. Rutherford. 2,064,805; Dec. 15.  
 Gas and oil separator. R. A. Werts. 2,049,578; Aug. 4.  
 Gas and transportation storage and utilization equipment, Customer's liquefied petroleum. F. S. Endacott. 2,047,953; July 21.  
 Gas, Apparatus for cleaning. J. P. Irwin, C. B. Thorne, and M. Cox. 2,056,789; Oct. 6.  
 Gas, Apparatus for processing. J. C. Swan. 2,032,074; Feb. 25.  
 Gas, Apparatus for producing. N. F. Pratt. 2,051,742; Aug. 18.  
 Gas, Apparatus for producing a dry fixed. F. J. Nolan. 2,059,268-9; Nov. 3.  
 Gas, Apparatus for producing fixed combustible. W. B. Wingert. 2,047,759; July 14.  
 Gas, Apparatus for production of inert CO<sub>2</sub> containing. L. Doelling. 2,037,158; Apr. 14.  
 Gas, Apparatus for the manufacture of combustible. D. J. Young. 2,055,190; Sept. 22.  
 Gas arc lamp, Low voltage. K. F. J. Kirsten. 2,028,548; Jan. 21.  
 Gas arc lamp, Low voltage. K. F. J. Kirsten. 2,038,049; Apr. 21.  
 Gas bean, Bottom hole. M. W. Haines. 2,037,896; Apr. 21.  
 Gas burner. W. A. Beckett. 2,045,692; June 30.  
 Gas burner. B. Field and G. J. J. Clark. 2,029,471; Feb. 4.  
 Gas burner. L. V. Fogas. 2,065,681; Dec. 29.  
 Gas burner. G. Keith. 2,059,360; Nov. 3.  
 Gas burner. G. W. McKee. 2,040,147; May 12.  
 Gas burner. E. Olson. 2,042,798; June 2.  
 Gas burner. H. R. Palmer. 2,044,953; June 23.  
 Gas burner. F. H. Schneider. 2,040,446; May 12.  
 Gas burner. H. D. Schrader. 2,055,366; Sept. 22.  
 Gas burner. P. J. Sonner. 2,057,216; Oct. 13.  
 Gas burner. A. Tschierschwitz. 2,037,400; Apr. 14.  
 Gas burner. T. E. Wood. 2,051,431; Aug. 18.  
 Gas conversion process, Natural. M. P. Youker. 2,027,460; Jan. 14.  
 Gas converting furnace. L. S. Gregory. 2,049,699; Aug. 4.  
 Gas cooler. D. Pyzel. 2,035,506; Mar. 31.



- Gas cutting machine. J. C. Glaum, Jr., and F. Stoneberg. 2,040,478; May 12.
- Gas cutting machine. J. C. Glaum, Jr., and F. Stoneberg. 2,055,527; Sept. 29.
- Gas delivery apparatus. C. V. Boys. 2,040,199; May 12.
- Gas discharge relay. H. H. Geffcken and H. R. Richter. 2,049,647; Aug. 4.
- Gas discharge tube, Constant control. H. Rothe. 2,051,179; Aug. 18.
- Gas filter. J. B. Claffey and J. A. Perry. 2,048,993; July 28.
- Gas filter. B. Cori. 2,032,262; Feb. 25.
- Gas filter. A. A. Knecht. 2,048,871; July 28.
- Gas filter. R. Strindberg. 2,050,508; Aug. 11.
- Gas-free compositions of matter, Making. D. W. Randolph. 2,036,496; Apr. 7.
- Gas from emulsified mixtures, Producing. R. H. Russell. 2,059,536; Nov. 3.
- Gas from liquid, Device for separating. A. Lanser. 2,034,914; Mar. 24.
- Gas from oxides of nitrogen, Purification of. W. H. Fulweiler. 2,031,410; Feb. 18.
- Gas fuel burner. H. P. Parrigin. 2,063,396; Dec. 8.
- Gas furnace. W. W. Norton and M. Schwartz. 2,043,808; June 9.
- Gas generating apparatus. F. E. Suddoth. 2,035,026; Mar. 24.
- Gas, Generating combustible. C. O. Wannack. 2,050,514; Aug. 11.
- Gas generator. E. P. Gillette. 2,058,437; Oct. 27.
- Gas generator. D. Niconoff. 2,028,946; Jan. 28.
- Gas generator. D. F. Pool. 2,040,270; May 12.
- Gas generator equipped with ash removal means. W. Lindhorst. 2,039,175; Apr. 28.
- Gas generators and the like, Device for charging. T. de Fontaine. 2,032,564; Mar. 3.
- Gas gun, Electric. G. F. Hilts. 2,037,129; Apr. 14.
- Gas heated toasting device. L. E. Padelford. 2,027,930; Jan. 14.
- Gas heater. R. E. Fraser. 2,055,926; Sept. 29.
- Gas holder. P. M. Kuehn. 2,066,292; Dec. 29.
- Gas holder. W. G. Laird. 2,050,707; Aug. 11.
- Gas holder. J. A. Mason. 2,066,297; Dec. 29.
- Gas holder, Disk-type. B. Schäfer. 2,047,333; July 14.
- Gas holder of the waterless type. W. Pechstein. 2,060,591; Nov. 10.
- Gas holder shell and fabricating the same. R. B. Luebke. 2,039,602; May 5.
- Gas holder with cable-guided piston, Waterless. E. L. Pease (deceased). 2,050,459; Aug. 11.
- Gas ignition means. J. A. Martin. 2,038,749; Apr. 28.
- Gas-locks, Apparatus for testing. H. L. Smith. 2,039,122; Apr. 28.
- Gas, Making. C. B. Hillhouse. 2,038,657; Apr. 28.
- Gas making apparatus. J. A. Guyer, F. E. Frey, and W. F. Huppke. 2,029,317; Feb. 4.
- Gas, Making carbureted water. C. H. Hughes. 2,064,008; Dec. 15.
- Gas, Making carbureted water. R. P. Oliveros. 2,047,518; July 14.
- Gas, Making combustible. W. W. Odell. 2,052,149; Aug. 25.
- Gas making process, Continuous. M. Fränkl. 2,035,600; Mar. 31.
- Gas, Manufacturing combustible. H. J. Carson. 2,054,154; Sept. 15.
- Gas material, method and apparatus for dispensing. G. J. Boshkoff. 2,028,119; Jan. 14.
- Gas material, Method and apparatus for dispensing. M. P. DeMotte. 2,033,094; Mar. 3.
- Gas material, Method and apparatus for dispensing. W. F. Mesinger. 2,035,396; Mar. 24.
- Gas material, Method and apparatus for dispensing. W. F. Mesinger. 2,040,059; May 5.
- Gas meter. W. B. Brown. 2,042,766; June 2.
- Gas meter. F. S. Burns. 2,038,412; Apr. 21.
- Gas meter. W. W. Gardner. 2,045,641; June 30.
- Gas meter. A. D. MacLean. 2,065,007; Dec. 22.
- Gas meter. T. J. Martin. 2,051,878; Aug. 25.
- Gas, Method and apparatus for compressing. D. G. Griswold. 2,061,938; Nov. 24.
- Gas, Method of testing. F. T. Cope. 2,049,947; Aug. 4.
- Gas mixer. F. X. Bonem and R. W. Bonam. 2,060,972; Nov. 17.
- Gas mixer. J. Forbes. 2,064,251; Dec. 15.
- Gas mixer. P. N. Jarboe. 2,047,072; July 7.
- Gas mixer. M. Lefebvre. 2,028,937; Jan. 28.
- Gas mixer. H. V. Snodgrass. 2,027,492; Jan. 14.
- Gas mixer. W. J. Stoner. 2,052,258; Aug. 25.
- Gas mixing apparatus. G. W. McKee. 2,063,453; Dec. 8.
- Gas mixtures, Separating low boiling. R. Linde. 2,048,076; July 21.
- Gas or vapor discharge valve, Uniformly controllable. E. Lübcke. 2,032,137; Feb. 25.
- Gas pilot construction. O. W. Hahn. 2,055,529; Sept. 29.
- Gas plant. R. W. Snethkamp. 2,049,333; July 28.
- Gas pressure operated. A. Marek. 2,058,897; Oct. 27.
- Gas pressure regulating and signaling means. G. M. Deming. 2,054,850; Sept. 22.
- Gas pressure regulator. G. P. Echés. 2,035,151; Mar. 24.
- Gas pressure regulator. G. Mills. 2,031,174; Feb. 18.
- Gas process, Carburetted water. L. A. Angus. 2,029,850; Feb. 4.
- Gas, Producing. C. B. Hillhouse. 2,047,870; July 14.
- Gas, Producing acetylene. R. G. Wulff. 2,037,056; Apr. 14.
- Gas, Producing inert. T. S. Bacon. 2,051,125; Aug. 18.
- Gas, Production of carbureted water. H. J. Carson. 2,033,511; Mar. 10.
- Gas purifier, Exhaust. S. F. Placko, Jr. 2,038,313; Apr. 21.
- Gas purifying material and making same. T. P. Keller. 2,053,960; Sept. 8.
- Gas reactions, Carrying out exothermic catalytic. J. Bayer, A. Haltmeier, and K. Hencke. 2,029,604; Feb. 4.
- Gas, Removing gum-forming constituents from fuel. H. B. Cooke. 2,044,421; June 16.
- Gas scrubber. K. K. Nahigyan. 2,048,403; July 21.
- Gas scrubber. G. Nonhebel, J. L. Pearson, and W. Learmonth. 2,056,430; Oct. 6.
- Gas, Separating and purifying. F. Goodwin, E. A. White, and H. P. Cady. 2,033,933; Mar. 17.
- Gas separator. P. R. Schreurs. 2,041,435; May 19.
- Gas set, Carbureted water. W. Tiddy. 2,064,007; Dec. 15.
- Gas set, Water. C. H. Hughes. 2,064,005; Dec. 15.
- Gas-tank cap lock. T. Y. Tandy. 2,054,145; Sept. 15.
- Gas tank lock. C. Leach. 2,033,432; Mar. 10.
- Gas tank safety valve. C. Gielen, Sr. 2,062,218; Nov. 24.
- Gas tank, Theftproof. H. D. Jones. 2,041,070; May 19.
- Gas testing device. F. W. Dwyer and F. B. Gilbert. 2,047,407; July 14.
- Gas transportation line, Method of and apparatus for controlling operation of a. A. J. Diescher. 2,045,760; June 30.
- Gas, Treating and odorizing. W. W. Odell. 2,032,431; Mar. 3.
- Gas treating apparatus. C. B. Grady. 2,062,412; Dec. 1.
- Gas, Treatment of. D. D. Huffman and W. L. Shively. 2,055,496; Sept. 29.
- Gas, Treatment of. W. L. Shively. 2,055,368; Sept. 22.
- Gas turbine system for aerial propulsion. A. Lysholm and G. K. W. Boestad. 2,050,349; Aug. 11.
- Gas, Utilizing waste carbon dioxide. R. W. Smith. 2,063,201; Dec. 8.
- Gas valve. J. H. G., K. J., and B. G. Horstmann. 2,065,972; Dec. 29.
- Gas washer. J. J. Seaver, C. E. Dougan, and H. L. Wetherbee. 2,039,540; May 5.
- Gas washer. T. C. Vincent, Jr. 2,031,437; Feb. 18.
- Gas washing. G. H. C. Corner and J. McGinn. 2,050,160; Aug. 4.
- Gas with heavy oil, Manufacture of carbureted water. O. B. Evans. 2,026,877; Jan. 7.
- Gas (yperite), Detecting the presence of mustard. G.-A. Schröter. 2,054,885; Sept. 22.
- Gaseous conduction device. R. E. Barclay. 2,053,507; Sept. 8.
- Gaseous conduction device. D. S. Stevens. 2,061,390; Nov. 17.
- Gaseous discharge apparatus, Electric. A. Claude. 2,041,595; May 19.
- Gaseous discharge device, Electric. A. Bünger. 2,042,140; May 26.
- Gaseous discharge device, Electric. J. A. V. Fairbrother and J. H. Mitchell. 2,047,018; July 7.
- Gaseous discharge device, Electric. T. E. Foulke. 2,056,662; Oct. 6.
- Gaseous discharge device, Electric. A. Haucke and H. Krefft. 2,030,450; Feb. 11.
- Gaseous discharge device, Electric. H. Krefft. 2,056,926; Oct. 6.
- Gaseous discharge device, Electric. R. Maxted. 2,037,387; Apr. 14.
- Gaseous discharge device, Electric. J. H. Mitchell. 2,056,613; Oct. 6.
- Gaseous discharge device, Electric. H. R. Ruff. 2,030,401; Feb. 11.
- Gaseous discharge device of the metal vapor type, Electric. C. E. Fenwick, L. J. Davies, and E. B. Tuppen. 2,056,659; Oct. 6.
- Gaseous discharge device, Thermionic. P. L. Spencer. 2,048,203; July 21.
- Gaseous discharge devices, Producing electric. T. E. Foulke. 2,056,664; Oct. 6.
- Gaseous discharge rectifier, Thermionic. P. L. Spencer. 2,053,501; Sept. 8.
- Gaseous electric discharge device. A. Van Wijk. 2,046,980; July 7.
- Gaseous electric sign. C. D. Mitchell and O. A. Rieman. 2,064,442; Dec. 15.
- Gaseous fuel burner. O. W. Hahn. 2,041,706; May 26.
- Gaseous luminous lamp. R. Barthelemy. 2,045,288; June 23.
- Gaseous media, Treating. G. C. Forrester. 2,049,608; Aug. 4.
- Gaseous mixtures, Process and apparatus for cooling. M. Fränkl. 2,030,509; Feb. 11.
- Gaseous mixtures, Separating the constituents of. W. Wilkinson and J. L. Schlitt. 2,035,516; Mar. 31.
- Gaseous mixtures, Separation and purification of. J. A. Shaw. 2,028,124; Jan. 14.
- Gaseous or vapor electric discharge device and its manufacture. W. A. Roberts. 2,056,621; Oct. 6.
- Gases and dust evolved in the electrolytic manufacture of aluminium, Recovery of the. P. J. M. Torchet. 2,031,554; Feb. 18.



- Gases and liquids, Process and apparatus for converting hydrocarbon. M. P. Youker. 2,035,037; Mar. 24.
- Gases and vapors in liquids, Mechanical means for distributing. K. Braem. 2,063,480; Dec. 8.
- Gases, Apparatus for analyzing exhaust. G. H. Allen. 2,059,428; Nov. 3.
- Gases, Apparatus for diffusing. O. G. Bennett. 2,045,379; June 23.
- Gases, Apparatus for proportioning and controlling the feed of. R. W. Thomas. 2,032,641; Mar. 3.
- Gases, Apparatus for proportioning the flow of. L. F. Day. 2,030,140; Feb. 11.
- Gases, Apparatus for the thermic treatment of. H. Tramm and R. Jung. 2,047,397; July 14.
- Gases, Automatically measuring traces of. M. D. Thomas. 2,047,526-7; July 14.
- Gases by differential thermal conductivity measurements, Analyzing. W. J. Willenborg. 2,042,646; June 2.
- Gases by freezing, Separating. L. S. Twomey. 2,062,537; Dec. 1.
- Gases contained in nitrous fumes, Desiccation of. G. L. des Ylouses. 2,060,183; Nov. 10.
- Gases, Conversion of hydrocarbon. J. A. Guyer. 2,054,599; Sept. 15.
- Gases from a vessel below atmospheric temperature, Apparatus for discharging liquefied. W. L. De Baufre. 2,062,781; Dec. 1.
- Gases from gaseous mixtures, Recovering acidic. R. R. Bottoms. 2,031,632; Feb. 25.
- Gases from liquids, Separation of. A. C. Hartley. 2,039,411; May 5.
- Gases from milk or cream or other liquids, Method of and apparatus for removing. T. E. French. 2,041,059; May 19.
- Gases from refrigerating systems, Apparatus for removing noncondensable. J. F. Weaver. 2,032,158; Feb. 25.
- Gases in the reclaiming of bone black or like materials, Apparatus for utilizing furnace. N. R. Andrews. 2,064,813; Dec. 22.
- Gases, Method and apparatus for cooling and drying moist. W. L. De Baufre. 2,039,889; May 5.
- Gases, Method and apparatus for distributing liquefied. H. D. Edwards. 2,044,673; June 16.
- Gases, Method of and apparatus for cleaning. C. B. Thorne. 2,064,960; Dec. 22.
- Gases or vapors with liquids, Apparatus for the treatment of. H. S. Sayles. 2,042,127; May 26.
- Gases, Polymerization of olefinic. R. F. Ruthruff. 2,038,086; Apr. 21.
- Gases, Process and apparatus for analyzing. H. Semrau. 2,052,946; Sept. 1.
- Gases, Process and apparatus for analyzing. L. L. Vayda. 2,053,121; Sept. 1.
- Gases, Producing. A. B. Kinzel. 2,042,665; June 2.
- Gases, Production of hot reducing. C. G. Maier. 2,039,603; May 5.
- Gases, Purification of. B. M. Carter. 2,028,318; Jan. 21.
- Gases, Purification of. J. G. Coutant. 2,045,519; June 23.
- Gases, Purification of. V. Ipatieff. 2,035,889; Mar. 31.
- Gases, Purifying. F. Porter. 2,043,263; June 9.
- Gases, Pyrolysis of hydrocarbon. M. Halpern, W. B. Logan, R. E. Manley, and W. Ullrich. 2,030,030; Feb. 4.
- Gases, Recovery of acid. W. R. Knapp. 2,064,838; Dec. 22.
- Gases, Refining of fixed. T. T. Gray. 2,034,575; Mar. 17.
- Gases, Separating acidic. R. R. Bottoms. 2,065,112; Dec. 22.
- Gases, Separating and purifying. L. S. Twomey. 2,050,511; Aug. 11.
- Gases, Treating. B. M. Carter. 2,046,500; July 7.
- Gases, Treatment of hydrocarbon. J. C. Morrell. 2,039,440-1; May 5.
- Gases, Treatment of hydrocarbon. C. C. Towne. 2,047,499; July 14.
- Gases, Treatment of hydrocarbon. H. Tropsch. 2,063,133; Dec. 8.
- Gases with liquids, Apparatus for treating. W. Learmonth. 2,056,429; Oct. 6.
- Gasifying apparatus for heavy fuels. E. Colla and U. Cassina. 2,057,937; Oct. 20.
- Gasket. L. H. Darbyshire. 2,036,569; Apr. 7.
- Gasket. J. G. Dickson. 2,034,610; Mar. 17.
- Gasket. E. R. Fitch. 2,058,010; Oct. 20.
- Gasket and gasket material. G. T. Balfe. 2,029,302; Feb. 4.
- Gasket and method of making. E. E. Hewitt. 2,055,103; Sept. 22.
- Gasket centering means. H. Böhmer, Jr., and S. S. Lippincott. 2,027,299; Jan. 7.
- Gasket for internal combustion engines. A. F. Gobb. 2,060,498; Nov. 10.
- Gasket for pipe couplings. J. F. Connelly and H. F. Johnson. 2,036,320; Apr. 7.
- Gasket for refrigerator cabinets and the like. E. W. Vars. 2,029,845; Feb. 4.
- Gasket making apparatus. A. Wood. 2,045,744; June 30.
- Gasket making device, Hose. A. Ronning. 2,049,624; Aug. 4.
- Gasket, Packing. H. T. Wheeler. 2,061,392; Nov. 17.
- Gasket, Sealing. J. E. Robinson. 2,052,582; Sept. 1.
- Gasket, Spark plug. A. F. Klingner. 2,041,136; May 19.
- Gasket with integral molded flange. B. J. Victor. 2,026,854; Jan. 7.
- Gasoline. R. B. Day. 2,051,939; Aug. 25.
- Gasoline and making the same. H. T. Bennett and L. G. Story. 2,038,631-2; Apr. 28.
- Gasoline and making the same. H. T. Bennett and L. G. Story. 2,053,511-12; Sept. 8.
- Gasoline and method of manufacture, High octane number. O. P. Cottrell. 2,028,121; Jan. 14.
- Gasoline and the like, Degumming. D. R. Stevens and W. A. Gruse. 2,038,614; Apr. 28.
- Gasoline and the like, Stabilizing. J. C. Morrell. 2,063,516; Dec. 8.
- Gasoline, Desulphurizing. J. M. McGee and R. M. Roe. 2,032,662; Mar. 3.
- Gasoline dispenser. D. J. Nelson. 2,037,141; Apr. 14.
- Gasoline dispensing pump. C. Devers. 2,059,210; Nov. 3.
- Gasoline extraction. O. Fitz Simons and F. C. Croxton. 2,063,597; Dec. 8.
- Gasoline from cracked mineral oil, Separating. A. E. Pew, Jr., and H. Thomas. 2,036,358; Apr. 7.
- Gasoline having low gum content, Production of cracked. A. P. Sachs. 2,057,268; Oct. 13.
- Gasoline, Making. O. Behmer. 2,027,014; Jan. 7.
- Gasoline manufacturing process. J. K. Roberts and M. T. Carpenter. 2,032,330; Feb. 25.
- Gasoline of low antiknock rating into gasoline of high antiknock rating, Converting. C. B. Watson. 2,032,861; Mar. 3.
- Gasoline, Process and apparatus for dispensing. J. O. Eisinger. 2,065,128; Dec. 22.
- Gasoline, Preparing high antiknock. O. Fitz Simons. 2,048,522; July 21.
- Gasoline purifying means. E. F. Jacobs. 2,057,779; Oct. 20.
- Gasoline, Storage of. H. C. Weber. 2,029,748; Feb. 4.
- Gasoline tank, Siphonproof. F. T. Baumes. 2,043,223; June 9.
- Gasoline turbine motor. A. F. Ritchie. 2,037,538; Apr. 14.
- Gasoline vaporizer. G. Hiller. 2,053,287; Sept. 8.
- Gate: See—
- Automatic farm gate. Safety guard gate.
  - Film gate. Safety tubing gate.
  - Head gate. Sluice gate.
  - Lock gate. Sound gate.
  - Portable gate. Two-way valve gate.
  - Prison gate. Vehicle tail gate.
  - Revoluble gate.
- Gate. A. L. Abbey. 2,044,658; June 16.
- Gate. H. B. Behnke and W. M. Loser. 2,054,788; Sept. 22.
- Gate. G. Belch. 2,047,850; July 14.
- Gate for trucks, End. R. W. Allen. 2,047,453; July 14.
- Gate for vehicles, End. P. Payette. 2,045,489; June 23.
- Gate latch. D. Tendler. 2,062,073; Nov. 24.
- Gate opening and closing device. A. E. Spooner. 2,045,207; June 23.
- Gate operating device for automatic weighing machines. R. J. Noble. 2,033,586; Mar. 10.
- Gate or door fastener. H. H. Bourn. 2,036,679; Apr. 7.
- Gate ram, Floating block. F. J. Schweitzer. 2,060,248; Nov. 10.
- Gate structure, Hydraulic. C. E. Pearce. 2,054,992; Sept. 22.
- Gate valve. J. S. Kiesel. 2,031,372; Feb. 18.
- Gate valve packing tool. B. E. Queen. 2,055,262; Sept. 22.
- Gates for hoppers, Associated. E. W. Schellentrager. 2,046,040; June 30.
- Gatherer, Prune. H. Carpenter. 2,065,169; Dec. 22.
- Gathering and loading machine. F. Cartlidge. 2,062,555; Dec. 1.
- Gathering and loading machine. F. Cartlidge. 2,066,137; Dec. 29.
- Gathering apparatus. E. H. Spiegl. 2,057,280; Oct. 13.
- Gauge: See—
- Accelerating and decelerating gauge. Liquid level gauge.
  - Adjustable shear gauge. Magnetic testing gauge.
  - Axle gauge. Make-up gauge.
  - Caliper gauge. Micrometer gauge.
  - Coin gauge. Mixing gauge.
  - Column level gauge. Oil gauge.
  - Dental gauge. Oil level gauge.
  - Depth gauge. Plow depth gauge.
  - Diaphragm gauge. Plumb gauge.
  - Diaphragm type gauge. Pneumatic gauge.
  - Differential pressure gauge. Positioning gauge.
  - Distance and impression gauge. Pressure gauge.
  - Electric gauge. Railway track gauge.
  - Electrical compression or tension gauge. Rate of flow gauge.
  - Exposure gauge. Roll parallelism gauge.
  - Fluid gauge. Spring gauge.
  - Fluid pressure gauge. Stamp gauge.
  - Fuel gauge. Strain gauge.
  - Fuel pump rocker gauge. Tank gauge.
  - High pressure gauge. Taper gauge.
  - Ignition gauge. Tappet gauge.
  - Limit depth gauge. Tire gauge.
  - Liquid depth gauge. Tire pressure gauge.
  - Liquid gauge. Turning alignment gauge.
  - Liquid level gauge. Vapor pressure gauge.
  - Gauge. H. S. Baker. 2,040,681; May 12.
  - Gauge. A. Cristiani. 2,060,927; Nov. 17.
  - Gauge. T. M. Eynon. 2,038,273; Apr. 21.
  - Gauge. J. H. Tharp. 2,036,895; Apr. 7.
  - Vernier gauge. Water gauge.
  - Water gauge. Water level gauge.



Gauge. H. C. Zenke. 2,051,357; Aug. 18.  
 Gauge. G. H. Zenner. 2,032,681; Mar. 3.  
 Gauge and feed controlling mechanism, Combined measuring. J. M. Minkow. 2,032,710; Mar. 3.  
 Gauge and making the same. A. Brault. 2,039,141; Apr. 28.  
 Gauge and marker, Surface. J. R. Benson. 2,045,563; June 30.  
 Gauge and presser foot for sole stitchers, Combined. A. Golub. 2,034,574; Mar. 17.  
 Gauge and regulator, Automatic pressure. F. Landberg and A. O. Dahlstrom. 2,051,049; Aug. 18.  
 Gauge, bevel protractor, and center head, Combination drill point. G. E. Johnson. 2,064,430; Dec. 15.  
 Gauge device for printing plate boring machines, Adjusting. R. V. Bruckshaw. 2,054,359; Sept. 15.  
 Gauge for automobiles, Portable. R. E. Ginn. 2,034,807; Mar. 24.  
 Gauge for grading machine blades. C. C. Moon. 2,043,391; June 9.  
 Gauge for integral line-casting type machines, Variable liner. C. A. Spickler. 2,061,925; Nov. 24.  
 Gauge for measurement of gas pressures. S. Palkin. 2,051,740; Aug. 18.  
 Gauge for measuring the shrink or stretch in a film strip. D. F. Lyman and L. R. Martin. 2,047,276; July 14.  
 Gauge for nipple cutters. J. F. Dahl. 2,057,014; Oct. 13.  
 Gauge for printers' tables, Saw. G. E. Wallin. 2,048,629; July 21.  
 Gauge glass. L. I. Dana. 2,053,765; Sept. 8.  
 Gauge holder. F. H. Markwick. 2,035,082; Mar. 24.  
 Gauge of the diaphragm type, Low pressure. B. Willach. 2,046,539; July 7.  
 Gauge pin. E. C. De Vorss. 2,040,981; May 19.  
 Gauge-tray. Gauger's and pumper's. W. S. Cain. 2,040,975; May 19.  
 Gauging apparatus. C. B. Emery and A. W. Schoof. 2,047,408; July 14.  
 Gauging device. E. C. Erickson. 2,058,579; Oct. 27.  
 Gauging device. H. W. Zimmerman. 2,047,607; July 14.  
 Gauging machine. R. J. Brittain, Jr., and J. C. Bell. 2,030,237; Feb. 11.  
 Gauging machine. P. H. Hutchinson. 2,039,224; Apr. 28.  
 Gauge. C. O. Brown. 2,049,246; July 28.  
 Gear: *See*—  
 Aircraft landing gear. Friction gear.  
 Amphibian landing gear. Hydraulic valve gear.  
 Axle steering gear. Hydrodynamic gear.  
 Buffing and draft gear. Landing gear.  
 Chain gear. Multiplying gear.  
 Change-speed gear. Oleo gear.  
 Continuous draft gear. Oscillatory gear.  
 Disk differential gear. Reduction gear.  
 Draft and buffer gear. Retractable landing gear.  
 Draft and buffing gear. Reverse gear.  
 Draft gear. Running gear.  
 Electrical switch gear. Speed changing gear.  
 Engine valve gear. Steam valve gear.  
 Feed gear. Steering gear.  
 Fiber spoke gear. Switch gear.  
 Flexible flotation gear. Transmission gear.  
 Gear. F. H. Benge. 2,064,144; Dec. 15.  
 Gear. N. De Long. 2,048,688; July 28.  
 Gear. W. E. Sykes. 2,051,915; Aug. 25.  
 Gear and making same, Helical. S. S. Cramer. 2,047,820; July 14.  
 Gear and making the same, Helical. S. S. Cramer. 2,039,706; May 5.  
 Gear and making the same, Nonmetallic. W. W. E. Winter. 2,046,988; July 7.  
 Gear and rack meshing mechanism. J. B. Strauss. 2,046,661; July 7.  
 Gear assembly, Motorized reduction. O. L. Lewis. 2,030,260; Feb. 11.  
 Gear assembly, Running. I. H. Judd. 2,046,561; July 7.  
 Gear blanks, Forging. C. A. Brauchler. 2,057,669; Oct. 20.  
 Gear box, especially for automobiles. H. Christensen. 2,062,968; Dec. 1.  
 Gear comprising pressure oil operated control couplings particularly for ships' drives, Reversing. A. Dürig. 2,035,054; Mar. 24.  
 Gear cutter. B. D. Marshall. 2,033,384; Mar. 10.  
 Gear cutter. W. H. Try. 2,029,399; Feb. 4.  
 Gear cutters for the cutting of curved teeth gears. A. J. Gény. 2,038,897; Apr. 28.  
 Gear cutting machine. C. A. Schellens. 2,059,613; Nov. 3.  
 Gear differential mechanism, Bevel. C. C. Davis. 2,065,661; Dec. 29.  
 Gear for aeroplanes, Landing. W. A. Crossley. 2,027,960; Jan. 14.  
 Gear for aeroplanes, Landing. R. S. Waugh and W. Reed. 2,039,135; Apr. 28.  
 Gear for conveying rotary motion. F. Kuba. 2,049,122; July 28.  
 Gear for counting mechanisms, Driving. P. Schubert. 2,029,677; Feb. 4.  
 Gear for geared propeller airplanes, Retractable landing. J. F. Haberin. 2,030,293; Feb. 11.  
 Gear for internal combustion engines, Rotary valve. L. Montalto. 2,048,134; July 21.  
 Gear for internal combustion or other engines, Poppet valve. C. G. Curtis. 2,035,222; Mar. 24.

Gear for land vehicles in particular railway vehicles, Hydraulic transmission. U. Barske. 2,063,145; Dec. 8.  
 Gear for locomotives and other engines, Reverse. H. K. Allard. 2,064,051; Dec. 15.  
 Gear for railway cars, Running. E. W. Webb. 2,029,749; Feb. 4.  
 Gear for railway vehicles, Draft. H. Egen. 2,064,891; Dec. 22.  
 Gear for rolling stock, Power operated shunting. H. Christiansen. 2,051,821; Aug. 25.  
 Gear for vehicles, Running. O. Hacker. 2,027,304; Jan. 7.  
 Gear for vehicles, Running. C. M. Johnson. 2,043,542; June 9.  
 Gear generating machine. W. E. Sykes. 2,029,398; Feb. 4.  
 Gear grinding machine. E. W. Miller. 2,038,665; Apr. 28.  
 Gear lapping machine. E. A. Overstedt. 2,032,589; Mar. 3.  
 Gear lapping machine. H. J. Wills. 2,036,246; Apr. 7.  
 Gear, Making a helical. S. S. Cramer. 2,039,707; May 5.  
 Gear mechanism. R. J. L. Moineau. 2,028,407; Jan. 21.  
 Gear mechanism, Change. M. Junge. 2,029,174; Jan. 23.  
 Gear mechanism, Reversing. W. H. Marr. 2,036,226; Apr. 7.  
 Gear noise, Device for testing. J. D. Rovick. 2,044,955; June 23.  
 Gear of motor vehicles, Device for automatically controlling the toothed wheel change. L. von Hazslinszky and G. von Lukács. 2,062,488; Dec. 1.  
 Gear particularly for motor vehicles, Automatically variable transmission. H. F. Hobbs. 2,040,136; May 12.  
 Gear puller and press, Combination. T. W. Quarles. 2,052,534; Aug. 25.  
 Gear, pulley, and the like, Nonmetallic. J. M. Taylor. 2,061,815; Nov. 24.  
 Gear, pulley, or the like, and producing the same, Nonmetallic. J. M. Taylor. 2,037,440; Apr. 14.  
 Gear pump, Variable delivery. C. A. Moore and P. Whitcomb. 2,052,419; Aug. 25.  
 Gear ratio transmission, Automatic variable. P. Leoni. 2,059,591; Nov. 3.  
 Gear rims, Apparatus for making composite. E. M. d'Aubigne. 2,028,048; Jan. 14.  
 Gear set, Change speed. L. E. G. Buehler. 2,034,858; Mar. 24.  
 Gear shaping machine. J. S. Loewus. 2,035,434; Mar. 24.  
 Gear shaping machine. R. J. McLeod. 2,055,132; Sept. 22.  
 Gear shaping machine. E. W. Miller. 2,034,765; Mar. 24.  
 Gear shift, Automatic. L. D. Foley. 2,053,026; Sept. 1.  
 Gear shift, Automatic. L. S. Miller and F. J. Miller. 2,062,523; Dec. 1.  
 Gear shift, Electropneumatic. E. M. Swift. 2,035,678; Mar. 31.  
 Gear shift for automobiles. G. B. Snow. 2,035,100; Mar. 24.  
 Gear shift, Hydraulic. L. D. Foley. 2,031,364; Feb. 18.  
 Gear shift lock. A. D. Robbins and A. G. Little. 2,056,367; Oct. 6.  
 Gear shift mechanism. J. S. Alsbaugh. 2,057,810; Oct. 20.  
 Gear shift mechanism. F. I. Steele. 2,047,392; July 14.  
 Gear shift mechanism. R. Thompson. 2,052,042; Aug. 25.  
 Gear shift, Vacuum operated. F. W. Walter, Jr. 2,055,324; Sept. 22.  
 Gear shifting control mechanism. D. B. Bullard. 2,058,294; Oct. 20.  
 Gear shifting device, Automatic. E. J. Thurber. 2,045,500; June 23.  
 Gear shifting device, Vacuum. J. and L. Hannafy. 2,032,844; Mar. 3.  
 Gear shifting mechanism. E. G. Kesling. 2,029,485; Feb. 4.  
 Gear shifting mechanism. E. G. Kesling. 2,034,400; Mar. 17.  
 Gear shifting mechanism. E. G. Kesling. 2,052,573; Sept. 1.  
 Gear shifting mechanism. A. O. McCollum. 2,035,328; Mar. 24.  
 Gear shifting mechanism for motor vehicles. E. G. Hill and H. W. Hey. 2,030,838; Feb. 11.  
 Gear structure. H. S. Falk and P. C. Day. 2,038,509; Apr. 21.  
 Gear testing machine. C. G. Olson. 2,026,649; Jan. 7.  
 Gear tooth construction. E. J. Svenson. 2,051,914; Aug. 25.  
 Gear transmission for churns. A. C. Hougland. 2,040,654; May 12.  
 Gear transmission, Friction. D. H. Heynau. 2,032,015; Feb. 25.  
 Gear unit. P. L. Bannan. 2,036,389; Apr. 7.  
 Gear with clutch teeth, Forming a helical. C. D. Peterson. 2,062,927; Dec. 1.  
 Gearing: *See*—  
 Speed gearing.  
 Gearing. F. H. Benge. 2,064,723; Dec. 15.  
 Gearing. G. A. Gillen. 2,040,933; May 19.  
 Gearing. A. H. Neuland. 2,043,261; June 9.  
 Gearing. W. F. Pioch and G. Pascoe. 2,065,021; Dec. 22.  
 Gearing. C. A. Schellens. 2,059,612; Nov. 3.  
 Gearing. F. E. Stahl and R. J. Kieffer. 2,064,699; Dec. 15.  
 Gearing, Arcuate pitch cone. F. V. Elbertz. 2,028,148; Jan. 21.



- Gearing, Automatic change speed. W. C. Harris. 2,056,050; Sept. 29.
- Gearing, Automatic transmission. J. W. Connors. 2,051,794; Aug. 18.
- Gearing, Differential. P. J. Conboy. 2,064,152; Dec. 15.
- Gearing, Draft and buffer. G. E. Edmunds. 2,060,052-4; Nov. 10.
- Gearing for computing mechanism, variable. E. M. Orbeck. 2,062,997; Dec. 1.
- Gearing for rotary printing machine folders. F. Lamatsch. 2,028,786; Jan. 28.
- Gearing, Planet. W. Stoeckicht. 2,027,655; Jan. 14.
- Gearing, Planet wheel. J. N. Stern and H. B. Larsen. 2,031,286; Feb. 18.
- Gearing, Reduction. I. Short. 2,057,270; Oct. 13.
- Gearing, Reduction. W. C. Ware. 2,040,287; May 12.
- Gearing, Starter. M. P. Whitney. 2,059,073; Oct. 27.
- Gearing, Transmission. A. W. Herrington. 2,032,318; Feb. 25.
- Gearing, Transmission. H. S. Watson. 2,034,319; Mar. 17.
- Gearing, Worm. B. Lazich and H. E. Ashworth. 2,063,510; Dec. 8.
- Gears, Apparatus for testing the accuracy of toothed. W. H. Try. 2,063,474; Dec. 8.
- Gears, Cutting. H. C. Warner. 2,064,806; Dec. 15.
- Gears, Machining bevel. J. C. Drader and H. Q. Munn. 2,049,492; Aug. 4.
- Gears, Treating. H. W. Falk. 2,060,803; Nov. 17.
- Gelatin and glue extractor. W. V. Knoll. 2,028,935; Jan. 28.
- Gelatin emulsions and gelatin solutions, Hardening photographic. C. J. Staud and R. M. Briggs. 2,063,351; Dec. 8.
- Gelatin emulsions and solutions, Hardening photographic. S. E. Sheppard and R. C. Houck. 2,059,817; Nov. 3.
- Gelatin reliefs for printing, Manufacture of. W. Frank-enburger and G. Rössler. 2,061,230; Nov. 17.
- Gelatine, Moistureproof. W. H. Charch. 2,065,792; Dec. 29.
- Gelatine solutions. W. Gellendien and J. Eggert. 2,048,499; July 21.
- Gem or like settings in jewelry. S. Jackson. 2,028,284; Jan. 21.
- Generating mechanism. C. H. Schurr. 2,048,520; July 21.
- Generator: *See*—
- |                                   |                                     |
|-----------------------------------|-------------------------------------|
| Acetylene gas generator.          | Motor generator.                    |
| Catalytic fuel generator.         | Oil gas generator.                  |
| Constant frequency generator.     | Oscillation generator.              |
| Constant voltage generator.       | Photoelectric generator.            |
| Direct current generator.         | Power generator.                    |
| Electric generator.               | Power plant generator.              |
| Electric wave generator.          | Pulsating direct current generator. |
| Electrical oscillation generator. | Relaxation oscillation generator.   |
| Frequency generator.              | Short wave generator.               |
| Fumigating gas generator.         | Short wave oscillation generator.   |
| Gas generator.                    | Slope wave generator.               |
| Heat generator.                   | Steam generator.                    |
| High frequency generator.         | Thermionic oscillation generator.   |
| High tension generator.           | Tilting oscillation generator.      |
| Impulse generator.                | Vaporizing generator.               |
| Lighting generator.               | Warning signal generator.           |
| Lightning-stroke generator.       | Wind wheel generator.               |
| Low voltage generator.            | X-ray generator.                    |
| Magneto generator.                |                                     |
| Magneto - electric generator.     |                                     |
- Generator. C. B. Hathaway. 2,030,108; Feb. 11.
- Generator. M. Pohontsch. 2,036,495; Apr. 7.
- Generator. C. C. Roe. 2,060,244; Nov. 10.
- Generator. G. A. F. Winckler. 2,063,070; Dec. 8.
- Generator and heating and cooling means, Electric. M. N. Mikulic. 2,039,547; May 5.
- Generator for gas-mantle lamps. T. H. Stafford. 2,062,770; Dec. 1.
- Generator for use with internal combustion engines. C. E. Morley. 2,061,002; Nov. 17.
- Generator of interrupted wave. H. M. Pruden. 2,036,078; Mar. 31.
- Generator regulating device. B. M. Leece. 2,052,049; Aug. 25.
- Generator regulator, Automatic. A. Colanduoni. 2,036,516; Apr. 7.
- Generator regulator system, Motor. A. L. Matte. 2,046,422; July 7.
- Generator regulator system, Motor. A. L. Matte. 2,046,438; July 7.
- Generator structure, Wind driven. W. G. Dunn. 2,026,828; Jan. 7.
- Generator structure, Wind driven. W. G. Dunn. 2,052,816; Sept. 1.
- Generators, Construction for magneto electric. Le R. S. Dunham and H. G. Smith, Jr. 2,063,083; Dec. 8.
- Geological exploration. H. R. Prescott and F. L. Searcy. 2,049,724; Aug. 4.
- Geological formations, Apparatus for determining sub-face. H. Salvatori. 2,064,385; Dec. 15.
- Geometric tool. E. Benshimol. 2,031,920; Feb. 25.
- Geometrical instrument. E. R. Barany. 2,064,142; Dec. 15.
- Geophysical explorations, Making. H. R. Prescott and F. L. Searcy. 2,046,843; July 7.
- Geophysical explorations, Method and apparatus for making. H. R. Prescott. 2,053,841; Sept. 8.
- Germicidal preparations. C. N. Andersen. 2,065,849; Dec. 29.
- Germinal substance from seed kernels, Recovering pure. M. Bienenstock. 2,028,132; Jan. 21.
- Getter assembly. J. Glaus. 2,060,861; Nov. 17.
- Gib for noiseless elevators, Compensating. W. Spullies. 2,045,620; June 30.
- Gift wrapping package. W. H. Lees. 2,037,515; Apr. 14.
- Gilsonite, Stabilizing. W. Hassard. 2,066,289; Dec. 29.
- Gin, Cotton. J. E. Mitchell. 2,036,067; Mar. 31.
- Girdle and combination girdle brassière. Y. Towey. 2,036,510; Apr. 7.
- Girdle and combination girdle and brassière. H. Wipperm-an. 2,046,861; July 7.
- Girdle and shorts. R. W. Spain. 2,059,820; Nov. 3.
- Girdle and support, Colostomy. F. M. Oliver. 2,028,238; Jan. 21.
- Girdle, Foundation. L. Kahn. 2,064,977; Dec. 22.
- Girdle, Pantie. H. Wipperm-an. 2,056,639; Oct. 6.
- Girdle, Sanitary. C. E. Pecknold. 2,028,007; Jan. 14.
- Girdle, Sanitary. C. E. Pecknold. 2,039,446; May 5.
- Girdle with integral supporting panels, Warp knit. C. R. Burns. 2,026,963; Jan. 7.
- Gland. W. B. Flanders. 2,058,143; Oct. 20.
- Glare-dimming attachment for windshields. C. A. Klise. 2,050,889; Aug. 11.
- Glare from automobile headlights, Avoiding. E. H. Land. 2,031,045; Feb. 18.
- Glare shield. R. C. Jacobs. 2,062,092; Nov. 24.
- Glarometer. W. A. Mendelsohn and C. F. Shepard. 2,036,181; Mar. 31.
- Glass. L. Navias. 2,030,390; Feb. 11.
- Glass. L. Navias. 2,056,930; Oct. 6.
- Glass, Alkali metal vapor resistant. M. Pirani and G. Gaidies. 2,030,714; Feb. 11.
- Glass and articles produced thereby, Working. E. Danner. 2,037,853; Apr. 21.
- Glass and making same, Laminated. J. F. Walsh. 2,054,108; Sept. 15.
- Glass and making same, Luminescent. H. Fischer. 2,049,765; Aug. 4.
- Glass and making the same, Laminated. J. G. McNally. 2,029,931; Feb. 4.
- Glass and process for preparing, Laminated. H. T. Neher. 2,032,663; Mar. 3.
- Glass and producing same, Ornamented. S. Silverman. 2,065,406; Dec. 22.
- Glass and tube, Invalid drinking. G. Stassi. 2,052,496; Aug. 25.
- Glass annealing nesting rack. L. Poglein. 2,039,927; May 5.
- Glass, Antifrost. J. F. Piesik. 2,029,218; Jan. 28.
- Glass, Apparatus for and method of feeding molten. L. G. Bates. 2,041,222; May 19.
- Glass, Apparatus for assembling insulating. J. H. Fox. 2,042,835; June 2.
- Glass, Apparatus for case hardening. H. J. Galey. 2,032,008; Feb. 25.
- Glass, Apparatus for cutting. J. Gaskell. 2,051,698; Aug. 18.
- Glass, Apparatus for cutting flat. J. Gaskell and J. B. Watt. 2,039,402; May 5.
- Glass, Apparatus for drawing. D. R. Limbers. 2,049,505; Aug. 4.
- Glass, Apparatus for feeding molten. A. E. Hamilton. 2,035,958; Mar. 31.
- Glass, Apparatus for feeding molten. G. E. Howard. 2,033,075; Mar. 3.
- Glass, Apparatus for feeding molten. E. C. Stewart. 2,060,475; Nov. 10.
- Glass, Apparatus for laminating. W. Owen. 2,028,916; Jan. 28.
- Glass, Apparatus for laminating. W. Owen. 2,054,864; Sept. 22.
- Glass, Apparatus for making flat. F. Gelstharp and J. H. Fox. 2,032,009; Feb. 25.
- Glass, Apparatus for making laminated. J. H. Sherts. 2,028,927; Jan. 28.
- Glass, Apparatus for making laminated. J. H. Sherts. 2,028,928; Jan. 28.
- Glass, Apparatus for making safety. E. H. Balz. 2,064,514; Dec. 15.
- Glass, Apparatus for producing sheet. J. E. Mambourg. 2,035,272; Mar. 24.
- Glass, Apparatus for tempering. B. Long. 2,065,862; Dec. 29.
- Glass, Apparatus for the continuous manufacture of sheet. L. Boudin. 2,052,212; Aug. 25.
- Glass, Apparatus for the manufacture of laminated. F. L. Bishop, C. S. Shoemaker, L. J. Pierce, C. F. Wood, and E. Donnini. 2,052,545; Sept. 1.
- Glass, Apparatus for the manufacture of laminated. E. Donnini. 2,030,572; Feb. 11.
- Glass, Apparatus for the manufacture of safety. G. B. Watkins. 2,046,047; June 30.
- Glass, Apparatus for transporting sheets of. E. Laverdisse. 2,038,662; Apr. 28.
- Glass articles and making the same. A. H. Stewart. 2,053,923; Sept. 8.
- Glass articles, Apparatus for casting large. G. V. McCauley. 2,045,716; June 30.
- Glass articles, Apparatus for etching. C. V. Achauer and L. Price. 2,036,647; Apr. 7.



- Glass articles, Apparatus for tempering tubular. W. B. Cliterow. 2,054,595; Sept. 15.
- Glass articles, Forming hollow. G. E. Rowe. 2,043,065; June 2.
- Glass articles, Manufacture of fabricated. O. Fritze and A. Rüttenauer. 2,030,439-40; Feb. 11.
- Glass articles, Manufacture of ornamental coated. F. D. Cheney. 2,036,021; Mar. 31.
- Glass articles, Method of and apparatus for cooling hollow. H. A. Wadman. 2,066,283; Dec. 29.
- Glass articles, Method of and apparatus for forming hollow. G. E. Howard. 2,033,076; Mar. 3.
- Glass articles, Process and machine for forming. A. N. Cramer. 2,045,699; June 30.
- Glass banding machine. J. C. E. Schwab and H. M. Wheeler. 2,045,876; June 30.
- Glass banding machine. I. H. Strider. 2,045,881; June 30.
- Glass, Barium crown. F. Gelstharp. 2,038,726; Apr. 28.
- Glass batch, Making and using a. B. A. Jeffery and F. H. Riddle. 2,062,907; Dec. 1.
- Glass beveling machine. R. B. Smith. 2,031,743; Feb. 25.
- Glass body forming machine. F. Meyer. 2,050,012; Aug. 4.
- Glass body forming machine. F. Meyer. 2,058,812; Oct. 27.
- Glass bodies, Method of and apparatus for forming. F. Meyer. 2,059,474; Nov. 3.
- Glass building unit. A. Reisig. 2,059,489; Nov. 3.
- Glass building units, Joining or cementing. J. F. Hyde. 2,052,229; Aug. 25.
- Glass bulbs, Sealing charged. A. J. Loepsinger. 2,031,660; Feb. 25.
- Glass by electricity, Method of and apparatus for melting. D. Stenhouse. 2,039,853; May 5.
- Glass casting apparatus, Plate. J. D. McLeod. 2,036,228; Apr. 7.
- Glass cleaning attachment, Automatic auto. H. C. Bridges. 2,056,503; Oct. 6.
- Glass composition, High electrical resistant soft. W. C. Taylor. 2,038,690; Apr. 28.
- Glass composition transparent to ultraviolet light. J. A. M. Smelt. 2,056,627; Oct. 6.
- Glass cutter. N. H. Klages. 2,048,935; July 28.
- Glass cutting apparatus. J. L. Drake. 2,033,188; Mar. 10.
- Glass cutting apparatus. W. Owen. 2,036,294; Apr. 7.
- Glass cutting appliance. P. F. and F. Marsella. 2,058,091-2; Oct. 20.
- Glass cutting device. F. S. Campbell. 2,064,243; Dec. 15.
- Glass-cutting machine. N. H. Klages. 2,044,577; June 16.
- Glass, Drinking. J. N. Ice. 2,051,446; Aug. 18.
- Glass edging machine. K. A. Weber. 2,038,150; Apr. 21.
- Glass, enamels, glazes, and the like containing lead, Making. P. Beyersdorfer. 2,033,103; Mar. 3.
- Glass feed control mechanism. S. G. Stuckey. 2,055,711; Sept. 29.
- Glass feeder. W. A. Morton. 2,059,889; Nov. 3.
- Glass feeder. F. L. O. Wadsworth. 2,048,983; July 28.
- Glass feeder. F. L. O. Wadsworth. 2,049,786-8; Aug. 4.
- Glass feeder and method. W. L. McNamara. 2,052,578; Sept. 1.
- Glass feeder, Impulse type. G. R. Haub. 2,047,962; July 21.
- Glass feeding. S. G. Stuckey. 2,033,959; Mar. 17.
- Glass feeding apparatus. G. R. Haub. 2,053,663; Sept. 8.
- Glass feeding apparatus. W. T. Honiss. 2,040,789; May 12.
- Glass feeding apparatus. A. H. Stewart. 2,062,619; Dec. 1.
- Glass feeding apparatus. A. F. Tremblay. 2,046,195; June 30.
- Glass feeding device. J. W. Harding. 2,031,413; Feb. 18.
- Glass feeding forehearth. W. T. Honiss. 2,050,211; Aug. 4.
- Glass feeding machine. F. O'Neill. 2,034,055; Mar. 17.
- Glass feeding method and apparatus. W. H. Honiss. 2,039,242; Apr. 28.
- Glass feeding method and apparatus. A. H. Stewart. 2,053,381; Sept. 8.
- Glass feeding method and apparatus. A. H. Stewart. 2,055,679; Sept. 29.
- Glass forming machine. A. F. McNish. 2,026,694; Jan. 7.
- Glass forming machine. E. Miller. 2,062,522; Dec. 1.
- Glass from feeder outlets, Preventing issuance of refractory-contaminated. J. Bailey. 2,050,205; Aug. 4.
- Glass furnace. G. Lufkin. 2,038,797; Apr. 28.
- Glass gathering and forming machine. R. W. Canfield. 2,030,810; Feb. 11.
- Glass gathering and molding apparatus. L. D. Soubier. 2,038,808; Apr. 28.
- Glass gathering device. A. C. Parker. 2,056,981; Oct. 13.
- Glass, Gauge. H. E. Brelsford. 2,064,148; Dec. 15.
- Glass grinding apparatus. J. H. Griffin. 2,041,642; May 19.
- Glass grinding apparatus. F. B. Waldron. 2,036,900; Apr. 7.
- Glass grinding machine. K. A. Weber. 2,057,174; Oct. 13.
- Glass, Heat absorbing. D. E. Sharp and J. Bailey. 2,034,994; Mar. 24.
- Glass in glass furnace gathering basins or forehearth, Circulating. T. C. Moorshead. 2,063,555; Dec. 8.
- Glass inspection apparatus. E. L. Walters. 2,046,045; June 30.
- Glass inspection apparatus, Sheet. F. R. Hohmann. 2,042,526; June 2.
- Glass installation system, Window. S. A. Stoneback. 2,042,077; May 26.
- Glass, Laminated. W. O. Herrmann and E. Baum. 2,033,377; Mar. 10.
- Glass, Laminated. J. G. McNally and S. S. Sweet. 2,026,987; Jan. 7.
- Glass, Laminated. G. B. Watkins. 2,026,717; Jan. 7.
- Glass level indicator. W. T. Barker, Jr. 2,053,938; Sept. 8.
- Glass, Making. A. E. Badger. 2,038,627; Apr. 28.
- Glass, Making borax. F. W. Corkill. 2,062,505; Dec. 1.
- Glass, Making indium-containing. W. S. Murray. 2,042,117; May 26.
- Glass, Manufacture of laminated. F. L. Bishop. 2,040,238; May 12.
- Glass, Manufacture of laminated. R. H. Du Bois. 2,052,286; Aug. 25.
- Glass, Manufacture of laminated. E. P. Fisher. 2,050,300; Aug. 4.
- Glass, Manufacture of laminated. C. S. Shoemaker. 2,063,350; Dec. 8.
- Glass melting tank. K. G. Kutchka. 2,064,546; Dec. 15.
- Glass, Method and apparatus for circulating molten. J. E. McBurney. 2,038,800; Apr. 28.
- Glass, Method and apparatus for conditioning molten. C. H. Wright. 2,049,600; Aug. 4.
- Glass, Method and apparatus for tempering. J. T. Littleton. 2,042,610; June 2.
- Glass, Method and device for producing single-layered wire. A. Lamesch. 2,062,228; Nov. 24.
- Glass, Method of and apparatus for cutting wired. J. Gaskell. 2,058,307; Oct. 20.
- Glass, Method of and apparatus for feeding. A. J. Black. 2,058,763; Oct. 27.
- Glass, Method of and apparatus for feeding. A. H. Stewart. 2,062,620; Dec. 1.
- Glass, Method of and apparatus for melting. S. A. Forter. 2,053,902; Sept. 8.
- Glass, Method of and apparatus for melting. P. L. Geer. 2,039,955; May 5.
- Glass, Method of and apparatus for shaping. C. A. Brown and C. E. Hahn. 2,060,658; Nov. 10.
- Glass, Minute sand. E. Koester. 2,064,759; Dec. 15.
- Glass-molding machine. E. Theiler. 2,055,884; Sept. 29.
- Glass molding material. O. K. Carpenter. 2,035,364; Mar. 24.
- Glass permeable to ultraviolet rays. W. Kaufmann and E. Bungartz. 2,031,958; Feb. 25.
- Glass, Photoluminescent. W. Kaufmann, L. Eckstein, and K. Rosenberger. 2,042,425; May 26.
- Glass plate during tempering, Apparatus for holding. L. J.-B. Forbes. 2,062,567; Dec. 1.
- Glass plates, Process and apparatus for annealing. F. E. Slocombe. 2,045,880; June 30.
- Glass polishing machine. J. J. Wanko. 2,040,720; May 12.
- Glass pressing machine. A. H. Le Mare. 2,053,402; Sept. 8.
- Glass, Producing laminated. A. W. Hornig. 2,038,565; Apr. 28.
- Glass, Producing laminated. A. Kämpfer. 2,038,494; Apr. 21.
- Glass, Producing nonshatterable. W. Pegler. 2,030,607; Feb. 11.
- Glass resistant to alkali metal vapors and making it. R. H. Dalton and H. P. Hood. 2,065,852; Dec. 29.
- Glass resistant to alkali metal vapors and making it. W. C. Taylor. 2,038,691; Apr. 28.
- Glass, Safety. E. C. Cottet. 2,041,528; May 19.
- Glass, Safety. E. L. Fix. 2,045,130; June 23.
- Glass, Safety. J. W. Kamerer and L. S. Whitmire. 2,030,878; Feb. 18.
- Glass, Safety. R. W. Wampler. 2,062,541; Dec. 1.
- Glass sheet glazing unit, Multi-ply. C. D. Haven. 2,030,869; Feb. 18.
- Glass sheets, Apparatus for cracking scored. M. F. Allison. 2,042,819; June 2.
- Glass sheets, Apparatus for cutting. A. N. Young. 2,045,745; June 30.
- Glass sheets, Apparatus for use in case hardening of. D. H. Goodwillie. 2,057,569; Oct. 13.
- Glass sheets, Coating. K. Morita. 2,034,987; Mar. 24.
- Glass sheets, Drawing. W. O. Amsler. 2,057,357; Oct. 13.
- Glass sheets, Manufacture of. L. von Reis. 2,048,830; July 28.
- Glass sheets, Method and apparatus for case hardening. G. R. Ford, Jr. 2,042,521; June 2.
- Glass sheets, Process and apparatus for annealing. E. I. Brown. 2,057,816; Oct. 20.
- Glass sheets, Process and apparatus for laminating. M. E. Carlisle. 2,046,446; July 7.
- Glass, Sight. P. S. Morgan. 2,027,696; Jan. 14.
- Glass snapping machine. E. Ostermier. 2,052,243; Aug. 25.
- Glass, Sodium resistant. L. Navias. 2,030,389; Feb. 11.
- Glass-steel building construction. I. Friedman. 2,059,332; Nov. 3.
- Glass tempering method. W. W. Shaver. 2,052,254; Aug. 25.



- Glass to forming machines, Process of and apparatus for supplying molten. A. M. Holcombe. 2,047,913; July 14.
- Glass to tank or furnace forehearth, Selective apparatus for and method of controlling flow of. W. T. Honiss. 2,063,842; Dec. 8.
- Glass turnover and transfer apparatus, Plate. R. D. Scull. 2,062,732; Dec. 1.
- Glassware, Flame treating. H. Cory. 2,044,566; June 16.
- Glassware forming machine. R. G. Allen. 2,041,671; May 19.
- Glassware forming machine. C. C. Cook and C. Badger. 2,051,468; Aug. 18.
- Glassware forming machine. J. R. Hoge. 2,044,716; June 16.
- Glassware forming machine. A. G. Lauck and D. E. Grube. 2,041,552; May 19.
- Glassware forming machine. L. D. Soubier and J. R. Hoge. 2,034,887; Mar. 24.
- Glassware, Making. G. E. Rowe. 2,063,463; Dec. 8.
- Glassware, Making etched. R. L. Wooles. 2,043,025; June 2.
- Glassware, Method and apparatus for the manufacture of hollow. E. G. Bridges. 2,049,422; Aug. 4.
- Glassware, Method of and apparatus for forming. G. E. Howard. 2,036,333; Apr. 7.
- Glassware, Method of and apparatus for manufacturing hollow. G. E. Rowe. 2,040,783; May 12.
- Glassware spotter. C. B. Ohn. 2,059,177; Oct. 27.
- Glass washer. I. L. Follett. 2,049,365; July 28.
- Glass working apparatus. H. R. Schutz. 2,030,328; Feb. 11.
- Glass working apparatus. H. R. Schutz. 2,050,386; Aug. 11.
- Glass working apparatus and forming glassware. G. E. Howard. 2,047,507; July 14.
- Glass working appliance. W. W. Eitel. 2,040,602; May 12.
- Glasses. H. B. McMurdo. 2,045,399; June 23.
- Glasses and the like, Method of and apparatus for washing. V. W. Cunningham. 2,032,916; Mar. 3.
- Glasses, Fining borosilicate. H. P. Hood. 2,035,318; Mar. 24.
- Glazed unit, Making a double. R. L. Clause. 2,032,003; Feb. 25.
- Glazing apparatus. D. B. Howell. 2,041,765; May 26.
- Glazing device, Double. W. C. Ross. 2,050,733; Aug. 11.
- Glazing fastener. J. Domagall. 2,047,012; July 7.
- Glazing structure. G. H. Lenke. 2,028,615; Jan. 21.
- Glide, Bucket. O. H. Wittke, Jr. 2,049,344; July 28.
- Glider. Z. S. Logan. 2,056,356; Oct. 6.
- Glider. W. R. McGowen. 2,037,333; Apr. 14.
- Glider structure. M. B. Smith. 2,044,862; June 23.
- Globe apparatus, Geographical. A. R. Farreny. 2,055,969; Sept. 29.
- Globe mounting. J. A. Pinaud. 2,029,252; Jan. 28.
- Globe valve. A. F. Hoppe. 2,056,322; Oct. 6.
- Globe with measuring instrument. R. Haardt. 2,060,777; Nov. 10.
- Gloss, Measuring of. W. R. Horsfield. 2,032,128; Feb. 25.
- Glove. J. W. Green, Jr. 2,040,989; May 19.
- Glove. K. E. Jensen. 2,040,137; May 12.
- Glove. W. A. Lammott. 2,040,052; May 5.
- Glove. A. Lipsschutz. 2,041,254; May 19.
- Glove. L. J. Sabin. 2,044,105; June 16.
- Glove. S. M. Straus. 2,034,120; Mar. 17.
- Glove. S. M. Straus. 2,051,111; Aug. 18.
- Glove and making same, Rubber. P. L. and O. L. Belton. 2,064,143; Dec. 15.
- Glove and manufacturing the same, Knitted fabric. C. R. Kovar. 2,044,909; June 23.
- Glove, Bias finger fourchetteless. C. H. Johanson. 2,048,793; July 28.
- Glove, Boxing. J. Orsini. 2,056,326; Oct. 6.
- Glove for personal wear. L. and M. Auster. 2,056,555; Oct. 6.
- Glove or mit, Baseball. W. P. Whitley. 2,031,808; Feb. 25.
- Glove powdering device. J. J. Newman. 2,034,592; Mar. 17.
- Glove, Swimming. L. C. Lindsey. 2,028,461; Jan. 21.
- Glove testing device. W. V. McDonald. 2,054,204; Sept. 15.
- Glove, Work. J. Alefantis. 2,034,169; Mar. 17.
- Glove, Work. D. L. Creese, W. E. Davis, and A. G. Müller. 2,034,609; Mar. 17.
- Gloves are turned, Apparatus wherewith. J. J. Dersom. 2,058,065; Oct. 20.
- Gloves, Coating fabric work. R. C. Palicki. 2,060,343; Nov. 10.
- Gloves, Formed. W. Herbruck. 2,036,413; Apr. 7.
- Glow discharge device. D. S. Gustin. 2,040,173; May 12.
- Glow discharge tube. D. Canady. 2,038,825; Apr. 28.
- Glow discharge tube. H. Epstein. 2,043,925; June 9.
- Glow discharge tube. P. G. Weiller. 2,038,397; Apr. 21.
- Glow discharge tube for use for example in recording sound. R. B. Morgan. 2,034,148; Mar. 17.
- Glow lamp. D. D. Knowles. 2,050,341; Aug. 11.
- Glow tube control system. D. Applebaum. 2,030,492; Feb. 11.
- Glucosides of higher aliphatic alcohols, The production of. H. Bertsch and G. Rauchalles. 2,049,753; Aug. 4.
- Glue or fish gelatin solution, Making a clear fish. E. F. Christopher. 2,048,728; July 28.
- Gluing machine. R. R. Erbe. 2,027,523; Jan. 14.
- Gluing machine. J. Ettl. 2,044,472; June 16.
- Gluing machine. J. M. Minkow. 2,053,730; Sept. 8.
- Gluing machine. W. A. Saatman. 2,046,185; June 30.
- Gluten-like product, Manufacture of a. M. Blenestock, L. Csákl, J. Pless, and A. and E. Ságl. 2,038,633; Apr. 28.
- Glycerides from polymerized oils by distillation, Removing low molecular. D. Oosterhof, C. van Vlodrop, and H. I. Waterman. 2,065,728; Dec. 29.
- Glycerin, Nitration of. F. A. F. Crawford and W. A. P. Challenor. 2,061,728; Nov. 24.
- Glycols, Manufacture of. R. de M. Taveau. 2,041,272; May 19.
- Glycols, Manufacturing. F. A. Weihe, Jr. 2,047,811; July 14.
- Glycols, Production of. N. M. Mnookin. 2,056,976; Oct. 13.
- Goal, Basket ball. A. E. Sandeberg. 2,053,635; Sept. 8.
- Gocart. R. C. Dahl. 2,054,967; Sept. 22.
- Goggle valve. C. G. Bigelow. 2,029,151; Jan. 28.
- Goggles. S. E. Bouchard. 2,064,812; Dec. 22.
- Goggles. B. A. Diggins. 2,065,122; Dec. 22.
- Goggles, Welding and grinding. J. Lynn. 2,050,890; Aug. 11.
- Gold and like bearing ores, Treating. A. L. Blomfield. 2,051,285; Aug. 18.
- Gold for dental fillings, Producing cohesive. S. Livingstone. 2,040,179; May 12.
- Gold from concentrates, Apparatus for reclaiming fine (flour). W. M. Caughlan. 2,033,682; Mar. 10.
- Gold from saline solutions, Extracting. H. C. Parker. 2,042,121; May 26.
- Gold plating. H. S. Lukens. 2,039,328; May 5.
- Gold, Recovering flour. G. O. Marris. 2,065,818; Dec. 29.
- Gold recovery device. A. Trayman. 2,064,234; Dec. 15.
- Gold washing apparatus. R. B. Morden. 2,065,321; Dec. 22.
- Golf apparatus. J. Loeb. 2,061,973; Nov. 24.
- Golf bag. O. P. Haserodt. 2,065,693; Dec. 29.
- Golf bag. G. M. G. Jones. 2,064,542; Dec. 15.
- Golf bag. G. C. MacMurray. 2,047,079; July 7.
- Golf ball retriever. L. J. Molinare. 2,058,709; Oct. 27.
- Golf ball teeing device. E. E. Goehler and P. Amort. 2,051,253; Aug. 18.
- Golf club. G. E. Barnhart. 2,034,936; Mar. 24.
- Golf club. A. Cunningham. 2,027,635; Jan. 14.
- Golf club. A. L. Daday. 2,044,567; June 16.
- Golf club. J. P. Gallagher. 2,041,676; May 19.
- Golf club. A. A. Krauter. 2,060,872; Nov. 17.
- Golf club. A. E. Lard. 2,050,801; Aug. 11.
- Golf club. W. H. Mc Kenna. 2,057,275; Oct. 13.
- Golf club. D. T. Mears. 2,051,961; Aug. 25.
- Golf club. R. Pester. 2,026,749; Jan. 7.
- Golf club. W. F. Reach. 2,064,943; Dec. 22.
- Golf club. G. Rusing. 2,027,452; Jan. 14.
- Golf club. W. L. Wettlaufer. 2,056,335; Oct. 6.
- Golf club head. W. H. Farrington. 2,040,252; May 12.
- Golf club joint. A. A. Krauter. 2,039,320; May 5.
- Golf club joint. A. A. Krauter. 2,045,273; June 23.
- Golf club shaft. G. E. Barnhart. 2,050,554; Aug. 11.
- Golf club structure, Practice. H. O. Costello. 2,057,821; Oct. 20.
- Golf device. E. F. Schafer. 2,057,504; Oct. 13.
- Golf game. J. Hirschauer. 2,041,678; May 19.
- Golf green sweep. P. E. Knudson. 2,042,405; May 26.
- Golf hole. J. D. Clarke. 2,031,525; Feb. 18.
- Golf practice device. J. N. Wagner. 2,034,684; Mar. 17.
- Golf shaft balancer. W. D. Hart. 2,051,083; Aug. 18.
- Golf stroke practice device. B. S. Proctor. 2,052,988; Sept. 1.
- Golf tee. A. L. Harvey. 2,057,894; Oct. 20.
- Golf tee. D. J. Horvath. 2,061,308; Nov. 17.
- Golf tee. J. E. Maden, Jr. 2,051,734; Aug. 18.
- Goods, Method and apparatus for transporting. C. A. Nelson. 2,036,535; Apr. 7.
- Goods, Treatment of cotton. W. B. Pratt. 2,040,795; May 12.
- Goodyear weld. W. Brown. 2,034,650; Mar. 17.
- Gopher trap. F. J. Hain. 2,059,453; Nov. 3.
- Governing apparatus. O. N. Bryant. 2,035,689; Mar. 31.
- Governing apparatus for internal combustion engines. C. Schaer. 2,053,682; Sept. 8.
- Governor. J. W. Rembry. 2,036,114; Mar. 31.
- Governor. I. M. Crafts. 2,047,577; July 14.
- Governor. R. C. Darnell and H. G. Adler. 2,039,396; May 5.
- Governor. E. J. Glara. 2,045,706; June 30.
- Governor. E. R. Klemm, Jr. 2,052,401; Aug. 25.
- Governor. E. Knauss. 2,026,742; Jan. 7.
- Governor. T. I. Larsen. 2,058,160; Oct. 20.
- Governor, Diesel engine. E. E. Woodward. 2,039,507; May 5.
- Governor for dirigible crafts, Course. P. Orlando. 2,050,017; Aug. 4.
- Governor for internal combustion engines, Automatic timing. E. La Chappel. 2,060,580; Nov. 10.
- Governor for internal combustion engines, Centrifugal. P. Belyavin. 2,062,084; Nov. 24.
- Governor for motors, responsive to the resistant torque, Automatic. 2,062,804; Dec. 1.
- Governor for reciprocating engines. A. Garelli. 2,062,000; Nov. 24.
- Governor for turbines. W. J. Pugh. 2,056,866; Oct. 6.
- Governor, Pump. M. E. Erskine. 2,064,421; Dec. 15.
- Governor, Speed. T. J. Schlosser. 2,039,495; May 5.



- Grab. G. Niemann. 2,057,910; Oct. 20.  
 Grab, Hoist. J. Breslav. 2,060,722; Nov. 10.  
 Grade crossing, Railroad. J. F. Rose. 2,042,805; June 2.  
 Grade finding mechanism. F. D. Wilson. 2,029,455; Feb. 4.  
 Grade indicator. J. W. Cavender. 2,045,631; June 30.  
 Grader control. W. A. Cost. 2,064,375; Dec. 15.  
 Grader, Elevating. J. B. Green and J. M. Rathmell. 2,045,387; June 23.  
 Grader, Elevating road. W. T. McGuire. 2,044,315; June 16.  
 Grader, Hydraulic road. F. O. De Millar. 2,057,089; Oct. 13.  
 Grader, Power. A. Ronning. 2,065,397; Dec. 22.  
 Grader, Seed. C. Hunnicutt. 2,049,808; Aug. 4.  
 Grader, String bean. F. E. Greco. 2,035,701; Mar. 31.  
 Grading and sorting machine. S. Guttman. 2,044,981; June 23.  
 Grading machine. W. de Back. 2,059,776; Nov. 3.  
 Grading machine. C. W. Froehlich. 2,038,652; Apr. 28.  
 Grading machine. J. W. Johnston. 2,052,829-30; Sept. 1.  
 Grading machine. M. W. Stout, Jr. 2,029,122; Jan. 28.  
 Gradometer. A. Kreidler. 2,045,191; June 23.  
 Grafting or welding. R. Scaglione. 2,059,812; Nov. 3.  
 Grafting tool. W. E. Rawlings. 2,051,393; Aug. 18.  
 Grain aspirator. C. C. Gray and H. L. Johnson. 2,037,719; Apr. 21.  
 Grain cleaning screen. A. C. Lindgren. 2,058,381; Oct. 20.  
 Grain crop header. T. W. Hague. 2,042,256; May 26.  
 Grain door and associated mechanism. G. Gerlip. 2,029,229; Jan. 28.  
 Grain drill. K. M. Keith and O. J. Parks. 2,053,794-5; Sept. 8.  
 Grain drill attachment for disk harrows. C. E. Underwood. 2,042,133; May 26.  
 Grain for extermination of insect life therein, Method of and apparatus for treating. J. H. Davis. 2,040,600; May 12.  
 Grain from a harvester to a binder, Delivering cut. W. W. Russell. 2,038,239; Apr. 21.  
 Grain, fruit, vegetables, and the like, Apparatus for treating. A. E. Jonsson. 2,035,893; Mar. 31.  
 Grain in storage, Preserving. J. H. Davis. 2,027,268; Jan. 7.  
 Grain in storage, Preserving. J. H. Davis. 2,032,264; Feb. 25.  
 Grain-sampling mechanism. F. F. Rosewarne. 2,044,102; June 16.  
 Grain scouring and cleaning apparatus. A. C. Barbeau. 2,065,500; Dec. 29.  
 Grain scouring and polishing machine. C. Marston. 2,041,361; May 19.  
 Grain separator. J. Barber. 2,043,978; June 16.  
 Grain separator. C. C. Ingraham. 2,047,508; July 14.  
 Grain washer and drier. T. C. Manning. 2,037,081; Apr. 14.  
 Graining upon elongated strips of material, Effecting. L. V. Casto. 2,047,671; July 14.  
 Grains, Apparatus for automatically measuring volumes of. A. Létreux. 2,055,935; Sept. 29.  
 Gramophone and the like, Automatic. G. Slater. 2,063,199; Dec. 8.  
 Gramophone, Automatic. S. P. Arvidius. 2,031,449; Feb. 18.  
 Gramophone pick-up. E. N. Johnson. 2,066,203; Dec. 29.  
 Gramophone record. W. O. Herrmann. 2,038,563; Apr. 28.  
 Gramophone record and manufacture thereof. G. Hilhouse. 2,029,102; Jan. 28.  
 Grandstand construction. C. H. Wetzel. 2,060,436; Nov. 10.  
 Grandstand, Folding. J. H. Adamson. 2,054,960; Sept. 22.  
 Grandstand, Folding. F. C. Vance. 2,030,776; Feb. 11.  
 Granite cutting machine. G. M. Sherriff. 2,058,731; Oct. 27.  
 Granular material. E. H. Nichols. 2,061,246; Nov. 17.  
 Granular material package and producing the same. P. F. Collins. 2,046,366; July 7.  
 Granular material, Producing. E. H. Nichols. 2,046,295; June 30.  
 Granular material with a reagent gas, Apparatus for treating. T. A. Mitchell. 2,051,962; Aug. 25.  
 Granular or pulverulent material, Apparatus for delivering predetermined quantities of. J. F. Tanner. 2,046,220; June 20.  
 Granular product conditioner and products made therewith. H. V. Moss. 2,030,461; Feb. 11.  
 Granulated materials, Making. T. W. Pfirrmann. 2,041,088; May 19.  
 Granulating apparatus. J. C. Kopf. 2,059,249; Nov. 3.  
 Granules and preparing them, Colored. H. R. Gundlach. 2,054,317; Sept. 15.  
 Granules of agglomerative powders. E. Billings and H. H. Offutt. 2,039,766; May 5.  
 Grape stemmer. R. E. Sanborn. 2,048,470; July 21.  
 Grapefruit core remover. V. Senft. 2,036,365; Apr. 7.  
 Grapefruit juice extractor. A. S. Knapp. 2,034,301; Mar. 17.  
 Graphite into engines, Apparatus for injecting. C. R. Rolen. 2,042,191; May 26.  
 Graphite, Processing. K. C. De Walt. 2,060,663; Nov. 10.  
 Graphite suspensions, Colloidal. O. A. G. von Mandelsloh. 2,045,501; June 23.  
 Graphophone or sound-reproducing instrument. H. A. Yeider. 2,064,868; Dec. 22.  
 Grapple. H. W. Botten. 2,052,211; Aug. 25.  
 Grasshopper exterminator. N. Reiner. 2,034,959; Mar. 24.  
 Grate. V. M. Cruikshank. 2,033,570; Mar. 10.  
 Grate. E. B. McBain. 2,065,236; Dec. 22.  
 Grate. G. E. Rutledge. 2,038,805; Apr. 28.  
 Grate and grate bar. M. A. Hoff. 2,033,576; Mar. 10.  
 Grate-bar. E. S. Dilley. 2,027,768; Jan. 14.  
 Grate construction. C. F. Davy. 2,053,703; Sept. 8.  
 Grate, Furnace. H. B. Holt. 2,048,383; July 21.  
 Grate, Mechanically moved. B. Telgmann. 2,043,719; June 9.  
 Grate, Rotary. C. M. Shott. 2,059,661; Nov. 3.  
 Grate, Stoking. F. L. Dumont. 2,042,170; May 26.  
 Grate, Stove. M. J. McLaine. 2,026,993; Jan. 7.  
 Grate structure. E. R. Stone. 2,062,481; Dec. 1.  
 Grate, Underfeed stoker. F. L. Hitchcock. 2,035,128; Mar. 24.  
 Grater. A. Machotka. 2,048,750; July 28.  
 Grater, Soap. C. Iaggi. 2,037,329; Apr. 14.  
 Grater, Vegetable. A. Chojnacki. 2,039,778; May 5.  
 Grating and making same. W. P. Ladd. 2,031,779; Feb. 25.  
 Grating structure. R. P. Pennoyer. 2,056,073; Sept. 29.  
 Grating, Window. B. A. McGuinness. 2,043,835; June 9.  
 Grave covering apparatus. N. R. Moore. 2,031,175; Feb. 18.  
 Gravity down stroke pump. H. T. Lamb, Jr. 2,051,089; Aug. 18.  
 Gravity flow wet end paper making machine, Two-stage. G. T. Lane and W. Butterfield. 2,046,270; June 30.  
 Gravity meter, Capillary liquid column. W. B. Lewis. 2,052,185; Aug. 25.  
 Gravity, Method and apparatus for determining the force of. P. P. Stoutenburgh. 2,032,381; Mar. 3.  
 Gravure printing process. A. Dultgen. 2,040,247; May 12.  
 Grease, Barium. T. F. Ott, P. S. Clarke, and C. H. Van Marter. 2,033,148; Mar. 10.  
 Grease dispensing unit. A. Joncha. 2,059,965; Nov. 3.  
 Grease gun carrier rack. I. L. Eastman. 2,059,445; Nov. 3.  
 Grease gun rack. E. W. Davis. 2,035,639; Mar. 31.  
 Grease gun rack. C. Fischer. 2,041,749; May 26.  
 Grease interceptor. E. W. N. Boosey. 2,059,844; Nov. 3.  
 Grease package. P. H. Schweitzer. 2,050,812; Aug. 11.  
 Grease retainer. E. C. Pioch. 2,034,831; Mar. 24.  
 Grease retainer. J. H. Victor and W. A. Heinze. 2,055,917; Sept. 29.  
 Grease retainer cup and wheel plate tool. W. F. Christen. 2,049,489; Aug. 4.  
 Grease retainer, Housed armored. W. A. Heinze. 2,061,153; Nov. 17.  
 Grease retainer, Reinforced. J. H. Victor and W. A. Heinze. 2,055,918; Sept. 29.  
 Grease retainer with channeled spacer. W. A. Heinze. 2,040,379; May 12.  
 Grease trap. G. J. Dehn. 2,057,883; Oct. 20.  
 Grease trap. S. D. Payzer and C. E. Staky. 2,057,203; Oct. 13.  
 Greasing device. C. A. Goldsmith. 2,064,742; Dec. 15.  
 Greasing mechanism. C. D. Knowlton. 2,035,553; Mar. 31.  
 Green corn cutter. J. Schmidt. 2,035,993; Mar. 24.  
 Green corn cutter. H. A. Sheldon. 2,029,344; Feb. 4.  
 Greenhouse. E. F. Gertz. 2,062,972; Dec. 1.  
 Grid and cover for ice trays, Combination. H. Mock. 2,031,276; Feb. 18.  
 Grid bar for cotton opening machinery. J. Moss. 2,034,664; Mar. 17.  
 Grid construction. J. H. Cone. 2,041,904; May 26.  
 Grid construction, Double shielded. O. W. Livingston. 2,044,619; June 16.  
 Grid construction of electric discharge devices. G. K. Kallenbach. 2,027,175; Jan. 7.  
 Grid control means in ion valve apparatus. U. Lamm. 2,063,106; Dec. 8.  
 Grid for an electron discharge device. C. H. Green. 2,048,502; July 21.  
 Grid glow tube. W. E. Bahls. 2,033,089; Mar. 3.  
 Grid glow tube. D. D. Knowles. 2,053,437; Sept. 8.  
 Grid-glow tube position relay combination. T. H. Long. 2,027,239; Jan. 7.  
 Grid or grating. W. F. Schulz. 2,031,007; Feb. 18.  
 Grid structure. W. R. Ferris. 2,047,019; July 7.  
 Grid structure for floors and the like. L. Sloan. 2,062,944; Dec. 1.  
 Grid structure for vapor electric devices. D. C. Prince. 2,037,533; Apr. 14.  
 Grid used in connection with ice trays. B. Johnsen. 2,063,100; Dec. 8.  
 Grids, Forming luminous. J. J. Shively and M. Pennybacker. 2,064,039; Dec. 15.  
 Grignard compounds, Preparing. H. E. Buc. 2,066,198; Dec. 29.  
 Grill. C. R. Anderson. 2,033,060; Mar. 3.  
 Grill. B. M. Fromknecht. 2,033,067-8; Mar. 3.  
 Grill and camp stove, Collapsible. J. M. Silver. 2,058,836; Oct. 27.  
 Grill, Sandwich. B. F. Parr. 2,057,501; Oct. 13.  
 Grille. J. Karmazin. 2,032,365; Mar. 3.



- Grille, Adjustable directional. R. L. Leigh. 2,057,494; Oct. 13.
- Grille and making the same, Wiring. E. H. Kalmbacker. 2,051,639; Aug. 18.
- Grille-blade and end-bar assembly. L. B. Green. 2,055,010; Sept. 22.
- Grille fastener and installation thereof. R. W. Johnson. 2,047,510; July 14.
- Grille, Flexible. M. L. Cornell. 2,048,840; July 28.
- Grille, Flexible. M. L. Cornell and A. H. Graff. 2,037,458; Apr. 14.
- Grille or guard for bays of windows or doors. R. Aubert. 2,032,461; Mar. 3.
- Grille, Overhead-acting. M. L. Cornell. 2,027,153; Jan. 7.
- Grille, Radiator. E. J. Hanson and J. G. Hickman. 2,033,376; Mar. 10.
- Grille, Wall. F. M. Young, and L. M. Young. 2,051,929; Aug. 25.
- Grillwork. F. R. Miller. 2,038,306; Apr. 21.
- Grindstone mold. E. Marx. 2,033,249; Mar. 10.
- Grinder. H. N. Smith. 2,055,709; Sept. 29.
- Grinder and blower, Feed. J. Holland-Letz. 2,041,181; May 19.
- Grinder and calipers, Combination precision. H. B. Barrett. 2,031,357; Feb. 18.
- Grinder and sander, Combination. W. J. Merrigan. 2,052,031; Aug. 25.
- Grinder attachment, Meat. J. D. Long. 2,050,758; Aug. 11.
- Grinder, Automatic cylinder. M. C. Hutto. 2,063,931; Dec. 15.
- Grinder, Ball race. D. Gurney, H. E. Balsiger, and C. L. Ott. 2,064,427; Dec. 15.
- Grinder, Clinker. D. J. Mosshart. 2,043,328; June 9.
- Grinder, Coffee. L. A. Brigel. 2,054,239; Sept. 15.
- Grinder cover, Food. C. J. Whiteley. 2,049,579; Aug. 4.
- Grinder, Crankshaft. G. H. Goulden. 2,061,764; Nov. 24.
- Grinder, Cylinder. M. C. Hutto. 2,063,932; Dec. 15.
- Grinder, Cylinder. M. Kaminsky. 2,038,295; Apr. 21.
- Grinder, Distributor point. H. J. and R. C. McConnell. 2,051,309; Aug. 18.
- Grinder, Eccentric. A. L. De Leeuw. 2,054,364; Sept. 15.
- Grinder, Food. L. J. Lista. 2,027,281; Jan. 7.
- Grinder for mills, Auxiliary. G. Schilling. 2,062,730; Dec. 1.
- Grinder for optical lenses, Edge. L. G. Kraemer and G. W. Burroughs. 2,054,985; Sept. 22.
- Grinder, Hydraulic ball race. A. P. Steiner, E. P. Wine, and H. E. Balsiger. 2,029,510-11; Feb. 4.
- Grinder, Knife. W. W. Hartman. 2,041,340; May 19.
- Grinder, Magazine. C. A. Waterous. 2,039,572; May 5.
- Grinder, Magazine. C. A. Waterous. 2,053,505; Sept. 8.
- Grinder, Meat. J. H. Osborne. 2,061,005; Nov. 17.
- Grinder, Piston ring. C. I. Lott. 2,063,939; Dec. 15.
- Grinder, Rail surface. A. W. Mall. 2,047,591; July 14.
- Grinder, Screw thread. N. J. Crowey. 2,060,044; Nov. 10.
- Grinder, Sickle. W. J. Borst. 2,051,071; Aug. 18.
- Grinding. J. E. Caster and L. F. Nenninger. 2,033,324; Mar. 10.
- Grinding. J. V. Slade. 2,052,426; Aug. 25.
- Grinding and packing device. A. Gasser. 2,051,554; Aug. 18.
- Grinding and polishing apparatus. C. L. Hawes. 2,061,626; Nov. 24.
- Grinding and polishing device. A. Knaff. 2,033,034; Mar. 3.
- Grinding and polishing machine. A. F. Kelm. 2,047,872; July 14.
- Grinding and separating apparatus for granular substances, Combined. A. B. Helbig. 2,034,981; Mar. 24.
- Grinding and weighing machine, Combined. D. Frediani. 2,059,514; Nov. 3.
- Grinding apparatus. C. J. Green. 2,046,261; June 30.
- Grinding device. G. Makaroff. 2,052,837; Sept. 1.
- Grinding disk with core of wire netting. E. Offenbacher. 2,044,442; June 16.
- Grinding fixture. J. C. Drader. 2,049,490; Aug. 4.
- Grinding machine. W. and H. Arter. 2,028,642; Jan. 21.
- Grinding machine. R. Atti. 2,030,850; Feb. 18.
- Grinding machine. G. W. Binns. 2,045,894; June 30.
- Grinding machine. G. W. Binns and L. E. Mehlhope. 2,035,737; Mar. 31.
- Grinding machine. G. W. Binns and C. Booth. 2,060,785; Nov. 17.
- Grinding machine. H. L. Blood. 2,056,340; Oct. 6.
- Grinding machine. H. L. Blood and A. P. Burns. 2,027,627; Jan. 14.
- Grinding machine. H. L. Blood and W. H. Pickener. 2,050,482; Aug. 11.
- Grinding machine. P. Brühl and F. Neugart. 2,028,315; Jan. 21.
- Grinding machine. M. Carter. 2,044,563-4; June 16.
- Grinding machine. C. S. Cushman. 2,055,404; Sept. 22.
- Grinding machine. S. Einstein, C. Booth, and F. S. Haas. 2,032,269; Feb. 25.
- Grinding machine. F. E. Gardner. 2,056,182; Oct. 6.
- Grinding machine. E. F. Haas. 2,043,408; June 9.
- Grinding machine. F. S. Haas and B. A. Kearns. 2,033,335; Mar. 10.
- Grinding machine. S. J. Harley. 2,047,869; July 14.
- Grinding machine. S. J. Harley. 2,060,438; Nov. 10.
- Grinding machine. F. P. Hess. 2,059,106; Oct. 27.
- Grinding machine. A. Hormel. 2,055,351; Sept. 22.
- Grinding machine. H. W. Kulp and M. C. Dellinger. 2,032,538; Mar. 3.
- Grinding machine. C. H. Norton and A. G. Belden. 2,059,895; Nov. 3.
- Grinding machine. E. C. Oliver. 2,055,361; Sept. 22.
- Grinding machine. W. Peaslee, L. F. Nenninger, and E. G. Roehm. 2,065,151; Dec. 22.
- Grinding machine. H. E. Pruitt. 2,040,709; May 12.
- Grinding machine. E. G. Roehm. 2,048,467; July 21.
- Grinding machine. M. Romaine and W. D. Archea. 2,065,099; Dec. 22.
- Grinding machine. C. C. Stevens. 2,040,449; May 12.
- Grinding machine and method. H. L. Blood. 2,047,055; July 7.
- Grinding machine and method. S. Einstein. 2,039,711; May 5.
- Grinding machine, Automatic. B. F. Stowell. 2,036,658; Apr. 7.
- Grinding machine for paper pulp. F. Lord. 2,044,480; June 16.
- Grinding machine, Freehand. E. Stubbs. 2,043,017; June 2.
- Grinding machine having an electrically controlled sizing device. A. G. Belden and F. E. Drown. 2,037,002; Apr. 14.
- Grinding machine, Hydraulically operated. H. A. Silven. 2,053,878; Sept. 8.
- Grinding machine, Wood. A. N. Russell and J. D. Robb. 2,029,125; Jan. 28.
- Grinding machinery. S. Einstein, C. Booth, and F. S. Haas. 2,032,268; Feb. 25.
- Grinding machinery. M. Romaine. 2,065,100; Dec. 22.
- Grinding machinery, Centerless. G. E. Merryweather. 2,043,972; June 9.
- Grinding mechanism, Multilead head right and left spiral. E. E. Judge. 2,032,938; Mar. 3.
- Grinding mill. C. P. Brasington. 2,063,363; Dec. 8.
- Grinding mill. A. W. Fahrenwald. 2,031,697; Feb. 25.
- Grinding mill. J. H. Johns. 2,059,795; Nov. 3.
- Grinding mill. O. A. Johnson. 2,051,716; Aug. 18.
- Grinding mill. R. D. MacDonald. 2,059,377; Nov. 3.
- Grinding mill. N. Stern. 2,045,058; June 23.
- Grinding mill. D. Van Law. 2,031,289; Feb. 18.
- Grinding mill. D. Van Law. 2,046,711; July 7.
- Grinding or polishing attachment. A. Hofmann. 2,052,137; Aug. 25.
- Grinding tool. J. Schneider. 2,049,324; July 28.
- Grinding tool, Valve seat. H. C. Preston. 2,056,483; Oct. 6.
- Grinding wheel. H. D. Geyer. 2,038,727; Apr. 28.
- Grinding wheel. C. Krug. 2,050,850; Aug. 11.
- Grinding wheel. M. B. Lane. 2,065,942; Dec. 29.
- Grinding wheel. D. E. Webster. 2,027,132; Jan. 7.
- Grinding wheel and treatment thereof. N. G. Anderson and A. F. T. Lofquist. 2,033,668; Mar. 10.
- Grinding wheel head, Self contained. G. S. Gould. 2,032,011; Feb. 25.
- Grinding wheel, Mounted. M. B. Lane. 2,065,941; Dec. 29.
- Grinding wheel, Segmental. W. C. Herman. 2,032,362; Mar. 3.
- Grinding wheel, Segmental. T. Larsson. 2,054,771; Sept. 15.
- Grip device, Intermittent. A. Kregling. 2,035,168; Mar. 24.
- Grip for drilling machines, Friction. A. Hossfeld. 2,061,768; Nov. 24.
- Grip for golf clubs and applying the same. A. R. Smith. 2,046,191; June 30.
- Grip, Globe. C. H. Bissell. 2,057,361; Oct. 13.
- Grip mechanism for cableways. C. Bender. 2,026,860; Jan. 7.
- Gripper. N. Rink. 2,048,815; July 28.
- Gripper for printing presses. J. E. Hudson. 2,035,164; Mar. 24.
- Gripper mechanism for printing presses. W. Gegenheimer. 2,056,922; Oct. 6.
- Gripping, crushing, or cutting tool. A. J. Muter and C. Tydeman. 2,050,449; Aug. 11.
- Gripping device. H. Allemann. 2,054,962; Sept. 22.
- Gripping device. P. Borowski. 2,058,949; Oct. 27.
- Gripping device. W. J. Novak. 2,055,942; Sept. 29.
- Gripping device. I. M. Sloan. 2,063,406; Dec. 8.
- Gripping fastener. B. C. Place. 2,057,587; Oct. 13.
- Gripping receptacle. H. Hubbell, Jr. 2,043,247; June 9.
- Grommet. W. A. Young. 2,030,088; Feb. 11.
- Grommet and attaching same to metal plates. E. Almdale. 2,054,187; Sept. 15.
- Grommet construction. N. Lamport. 2,057,961; Oct. 20.
- Grommet or the like. G. W. Lampman and G. F. Cooper. 2,039,009; Apr. 28.
- Groovers for tires, Cross. W. F. Errig and G. M. Pfundt. 2,028,053; Jan. 14.
- Grooving machine. W. M. Haines. 2,052,567; Sept. 1.
- Ground connector. G. L. Barnes. 2,029,149; Jan. 28.
- Ground, Consolidating the. A. Hertwig. 2,039,078; Apr. 28.
- Ground engaging brake. A. F. Daignault. 2,049,357; July 28.
- Ground faults on alternating current systems, Suppression of. R. C. Buell. 2,050,082; Aug. 4.
- Ground fitting. J. Mangin. 2,038,436; Apr. 21.
- Ground impedance measurement. G. Wascheck. 2,046,436; July 7.
- Ground key valve. P. A. Johnson. 2,041,415; May 19.



- Ground light. J. O. Cadieux. 2,038,506; Apr. 21.  
Ground marking machine. L. Rhodes. 2,055,388; Sept. 22.  
Ground protection, Directional. W. A. Lewis, Jr., and R. M. Smith. 2,032,997; Mar. 3.  
Ground rod. W. A. Heinrich. 2,065,184; Dec. 22.  
Ground rod. A. J. Wayman. 2,060,151; Nov. 10.  
Ground rolling and pulverizing implement. F. H. Riehl. 2,040,710; May 12.  
Ground working device, Mobile. I. H. Noell and F. W. Hoeme. 2,029,249-50; Jan. 28.  
Ground working device, Mobile. I. H. Noell and F. W. Hoeme. 2,041,616; May 19.  
Ground-working implement. J. Legendre. 2,053,617; Sept. 8.  
Ground working machine. J. Washington. 2,046,046; June 30.  
Grounding set. H. W. Bodendieck. 2,031,921; Feb. 25.  
Group-address system. E. L. Rowles. 2,063,224; Dec. 8.  
Grouser for tractors. T. G. Schmeiser. 2,039,496; May 5.  
Guard and control system, Safety. W. B. Fairfield and R. Jongedyk. 2,030,976; Feb. 18.  
Guard and plate securing means therefor, Mower. A. L. Warner. 2,056,029; Sept. 29.  
Guard attachment for coal chutes. R. W. Wilcox. 2,050,774; Aug. 11.  
Guard, Automobile. R. Sonnenberg. 2,034,493; Mar. 17.  
Guard, Bath curtain. J. A. Hoeger. 2,049,061; July 28.  
Guard, Bean pick-up. L. W. Perau. 2,044,396; June 16.  
Guard, Belt. L. F. Thompson. 2,048,171; July 21.  
Guard, Brake gear. E. G. Busse. 2,065,791; Dec. 29.  
Guard, Brush and dust. F. W. Hoffman. 2,038,109; Apr. 21.  
Guard, Bumper. F. C. Howard. 2,030,255; Feb. 11.  
Guard, Bumper. B. M. Short. 2,063,958; Dec. 15.  
Guard, Cattle. C. L. Snipes. 2,052,851; Sept. 1.  
Guard, Colter. J. H. Gebhardt. 2,050,943; Aug. 11.  
Guard, Combined mouth and nose. H. Chatfield. 2,039,681; May 5.  
Guard, Cow stall. A. Detert. 2,059,933; Nov. 3.  
Guard, Dandelion bed knife. G. M. Schrader and R. J. H. Dannenberg. 2,060,696; Nov. 10.  
Guard, Delayed control timeclock. W. C. Miller and P. M. Hawkins. 2,039,019; Apr. 28.  
Guard device. J. P. Dennebaum. 2,030,782-3; Feb. 11.  
Guard, Electric light. R. A. Fenzl. 2,056,511; Oct. 6.  
Guard, Eyeglass. A. R. Hilsinger. 2,052,878; Sept. 1.  
Guard, Flexible hose. J. W. James. 2,032,753; Mar. 3.  
Guard, Foot. A. A. Strauss. 2,046,217; June 30.  
Guard for automobile bodies, Weather. P. D. Hay. 2,034,342; Mar. 17.  
Guard for automotive vehicle bumpers. O. Kernspecht. 2,031,217; Feb. 18.  
Guard for box ending machines, Safety. J. M. Minkow. 2,030,604; Feb. 11.  
Guard for bushing terminals, Flexible. H. B. Keath. 2,065,315; Dec. 22.  
Guard for cycle handle bars. I. E. Douglas. 2,063,493; Dec. 8.  
Guard for dip tanks. M. J. Uline. 2,041,622; May 19.  
Guard for ear ornament. G. McLeod. 2,034,052; Mar. 17.  
Guard for flare suspension means. J. M. King. 2,045,605; June 30.  
Guard for foot presses, Safety. C. G. Armstrong. 2,049,990; Aug. 4.  
Guard for hanging electric light bulbs. C. A. Scheeler. 2,042,634; June 2.  
Guard for highways, Safety. C. G. Williams. 2,039,617; May 5.  
Guard for jointers, Hold-down. W. F. Ocenasek. 2,054,518; Sept. 15.  
Guard for lever openings. H. Golden. 2,062,748; Dec. 1.  
Guard for motor driven fans. C. E. Hoff. 2,364,478; Apr. 7.  
Guard for motor vehicles, Collision. D. J. Brunner, Jr. 2,038,713; Apr. 28.  
Guard for outboard motors. H. H. Fuller. 2,054,374; Sept. 15.  
Guard for presses and like machine tools. E. S. Dumont. 2,051,245; Aug. 18.  
Guard for punch presses. W. A. Wiesman. 2,033,501-2; Mar. 10.  
Guard for sleds. O. Olson. 2,052,487; Aug. 25.  
Guard for typographical machines, Antisplash. J. H. and W. M. Hanson. 2,044,685; June 16.  
Guard for vehicle wheel fenders, Splash. J. H. Cohen. 2,054,361; Sept. 15.  
Guard for vehicle-wheels, Splash. G. F. Bahr. 2,059,165; Oct. 27.  
Guard for window sills. M. L. McNulty. 2,064,438; Dec. 15.  
Guard, Garment hanger. L. D. Fletcher and J. C. Krejci. 2,062,566; Dec. 1.  
Guard, Glass base. M. L. J. Lambert and C. Latham. 2,046,390; July 7.  
Guard, Guy. H. E. Miller. 2,054,988; Sept. 22.  
Guard, Highway. E. L. Benedict. 2,043,525; June 9.  
Guard, Highway. E. R. Berk. 2,047,992; July 21.  
Guard, Highway. W. S. Edge. 2,062,408; Dec. 1.  
Guard, Highway. B. Edgcomb. 2,056,842; Oct. 6.  
Guard, Highway. R. H. Irons and A. E. Eck. 2,056,858; Oct. 6.  
Guard, Highway. W. F. Schulz. 2,060,128; Nov. 10.  
Guard, Highway. J. C. Shepherd. 2,047,436; July 14.  
Guard, Hog-tongue. J. A. Carlsen. 2,062,554; Dec. 1.  
Guard, Horticultural. E. Hyatt. 2,056,136; Sept. 29.  
Guard mechanism for power driven presses and other machines, Safety. J. C. Junkin. 2,039,964; May 5.  
Guard, Mower. C. A. Swanson. 2,046,590; July 7.  
Guard, One-piece. J. H. Woodall. 2,049,037; July 28.  
Guard or mask, Face. P. J. Woloson. 2,065,410; Dec. 22.  
Guard, Plant. P. L. Keller. 2,062,789; Dec. 1.  
Guard, protector, Harvesting machine. E. Patera. 2,065,729; Dec. 29.  
Guard, Radiator. E. R. Graves and S. C. Powell. 2,054,538; Sept. 15.  
Guard rail brace, Interlocking. R. P. Clarkson. 2,044,060; June 16.  
Guardrail construction. W. C. Martin. 2,047,991; July 21.  
Guardrail, Highway. B. F. Friberg. 2,038,351; Apr. 21.  
Guard rail holder. C. M. Warner. 2,043,312; June 9.  
Guard railing for children's sleds or wagons, Adjustable. F. Hornquist. 2,045,712; June 30.  
Guard, Razor. A. Winterkorn. 2,039,575; May 5.  
Guard, Road. E. Favary. 2,050,694; Aug. 11.  
Guard, Safety hanger pin. G. C. McMasters. 2,052,838; Sept. 1.  
Guard, Shirt cuff. C. H. Trieschmann. 2,042,567; June 2.  
Guard, Soap. G. O. Wilson. 2,032,898; Mar. 3.  
Guard, Strip metal highway. H. J. Hick. 2,060,673; Nov. 10.  
Guard, Tool. G. C. Farmer. 2,053,707; Sept. 8.  
Guard, Track roller. H. S. Eberhard. 2,049,693; Aug. 4.  
Guard, Valve. W. H. Buck. 2,059,085; Oct. 27.  
Guard, Weather. G. D. Fluke. 2,035,542; Mar. 31.  
Guard, Wheel. E. K. Zimmerman. 2,038,977; Apr. 28.  
Guard, Window. G. S. Hills. 2,050,322; Aug. 11.  
Guard, Wire. M. Rachlin. 2,061,808; Nov. 24.  
Guards for firearms, Trigger. J. G. Wilson. 2,063,476; Dec. 8.  
Guards, Producing abrasion resisting. W. E. Boyle. 2,053,811; Sept. 8.  
Guest announcer. J. W. Brown. 2,048,672-3; July 28.  
Guide. S. Tassio. 2,057,281; Oct. 13.  
Guide, Acid. H. Hofmann and K. Richter. 2,062,714; Dec. 1.  
Guide, Antifriction displacer. C. H. Larson. 2,060,811; Nov. 17.  
Guide, Belt. G. Harms. 2,057,571; Oct. 13.  
Guide device. S. Findlater. 2,050,048-9; Aug. 4.  
Guide disk for cross rolls, Demountable. A. P. Diescher. 2,031,761; Feb. 25.  
Guide disk, Water-cooled. S. E. Diescher. 2,034,284; Mar. 17.  
Guide, Fishing line. N. R. Hugenroth. 2,038,175; Apr. 21.  
Guide for blade frames of slicing machines. G. J. Calame. 2,062,862; Dec. 1.  
Guide for cap spinning machines, Cap and thread. E. G. Archer and J. E. Moore. 2,058,393; Oct. 27.  
Guide for flexible conduits. W. Esch. 2,034,510; Mar. 17.  
Guide for indicating the fecundity rhythm in women. E. J. Culligan. 2,047,942; July 21.  
Guide for making lace and the like. A. B. Collingbourne. 2,061,612; Nov. 24.  
Guide for reverse gears, Piston rod. T. C. Gray. 2,064,534; Dec. 15.  
Guide for wood working machines. J. A. Hirtz. 2,064,607; Dec. 15.  
Guide member for rock drills. A. E. Peters. 2,055,555; Sept. 29.  
Guide of flat knitting machines, Device for actuating the thread. K. R. Lieberknecht. 2,051,955; Aug. 25.  
Guide or support for molten glass. C. A. Weller. 2,031,083; Feb. 18.  
Guide or support, Work. F. L. Brandt. 2,054,068; Sept. 15.  
Guide roll, Sectional. B. Bannister. 2,034,127; Mar. 17.  
Guide, Rolling mill. H. C. Rendleman and W. F. Hoffman. 2,033,649; Mar. 10.  
Guide saddle for rock drills. W. A. Smith, Sr. 2,048,757; July 28.  
Guide, Sliding-seat. A. S. Cheston. 2,057,709; Oct. 20.  
Guide, Strip feed. E. G. Mayer. 2,054,586; Sept. 15.  
Guide structure for die stocks. T. Petersen. 2,038,312; Apr. 21.  
Guide, Thread. C. F. Gram. 2,055,820; Sept. 29.  
Guide, Tractor. W. and J. F. Steckley. 2,063,204; Dec. 8.  
Guide, Window glass. D. C. Bailey. 2,055,833; Sept. 29.  
Guide, Window glass. D. C. Bailey. 2,060,656; Nov. 10.  
Guide, Window glass. D. A. Greene. 2,026,971-2; Jan. 7.  
Guiding arrangement for a document reproducing machine. C. J. Hughey. 2,026,976; Jan. 7.  
Guiding device for automobile vehicles running on rails, Removable. A. Talon. 2,062,801; Dec. 1.  
Gum and making same, Bubble chewing. R. P. Dyckman. 2,060,461; Nov. 10.  
Gum base, Manufacture of chewing. F. V. Canning. 2,050,272; Aug. 11.  
Gum formation in naphthas and products obtained thereby, Inhibiting. C. Winning. L. E. Sargent and J. F. Dudley. 2,031,917; Feb. 25.  
Gum forming constituents, sulphur compounds and color compounds from naphtha. H. G. Schneider. 2,062,377; Dec. 1.



- Gum in cracked distillates, Inhibiting. R. E. Burk. 2,033,877; Mar. 10.
- Gum inhibitor for hydrocarbon fuels. H. W. Elley and H. W. Walker. 2,065,568; Dec. 29.
- Gum wrapping machine. M. J. Milmo. 2,029,934; Feb. 4.
- Gumming machine. A. Bennett. 2,062,284; Dec. 1.
- Gun. R. J. A. Duncanson. 2,037,313; Apr. 14.
- Gun. G. J. Hyde. 2,049,776; Aug. 4.
- Gun. W. T. Moore. 2,032,376; Mar. 3.
- Gun. C. W. Wadsworth. 2,055,020; Sept. 22.
- Gun. D. M. Williams. 2,027,892; Jan. 14.
- Gun. J. C. White. 2,037,647; Apr. 14.
- Gun. C. A. Young. 2,027,950; Jan. 14.
- Gun adapter, Spray. J. L. Cunningham. 2,051,518; Aug. 18.
- Gun and attachment therefor, Machine. F. T. Moore. 2,061,313; Nov. 17.
- Gun attachment, Grease. E. J. Feiler. 2,043,407; June 9.
- Gun bolt mechanism, Machine. R. Mendoza. 2,031,383; Feb. 18.
- Gun butt, Adjustable. W. J. Morgan. 2,066,218; Dec. 29.
- Gun carriage. A. P. Buquor. 2,044,278; June 16.
- Gun carriage. C. Sutter and E. A. Dugied. 2,039,198; Apr. 28.
- Gun, Casing perforating. M. O. Johnston. 2,048,451; July 21.
- Gun, Casing perforating. R. M. Ridley. 2,041,209; May 19.
- Gun, Centrifugal. B. F. S. Baden-Powell. 2,043,117; June 2.
- Gun filler, Grease. R. J. Gray. 2,045,297; June 23.
- Gun filler, Grease. O. Peterson. 2,056,327; Oct. 6.
- Gunfire director system. S. G. Myers and E. W. Chafee. 2,027,926; Jan. 14.
- Gunfire for perforating casings, Controlling deep well. W. G. Lane. 2,029,490; Feb. 4.
- Gun, Grease. N. V. Smith. 2,061,813; Nov. 24.
- Gun, Grease. L. C. Vanderlip. 2,027,500; Jan. 14.
- Gun, Heat. M. H. Spielman. 2,031,391; Feb. 18.
- Gun, Hot air. A. F. Levenhagen. 2,042,264; May 26.
- Gun installation and firing means. C. G. Trimbach. 2,044,340; June 16.
- Gun, Machine. C. A. Larsson and P. R. Higson. 2,037,244; Apr. 14.
- Gun, Machine. C. A. Larsson and P. R. Higson. 2,048,395; July 21.
- Gun, Machine. R. J. Rickenbacher. 2,039,930; May 5.
- Gun, Machine. R. F. Sedgley and M. Wurzer. 2,029,839; Feb. 4.
- Gun, Metal spray. F. O. Albertson. 2,058,653; Oct. 27.
- Gun mount. E. C. Wells. 2,044,036; June 16.
- Gun mount, Separable. B. P. Joyce. 2,046,518; July 7.
- Gun mounting for aircraft, Machine. G. W. Brady. 2,034,223; Mar. 17.
- Gun mounting, particularly for aircraft. C. V. Murray and J. Lloyd. 2,032,300; Feb. 25.
- Gun, Mud. E. E. Brosius. 2,062,860; Dec. 1.
- Gun, Mud. E. E. Brosius. 2,065,647; Dec. 29.
- Gun of the mortar howitzer type. L. L. Driggs. 2,030,507; Feb. 11.
- Gun sight. R. C. Coupland. 2,043,990; June 16.
- Gun sight. J. V. Falcon. 2,058,968; Oct. 27.
- Gun sight. C. G. Lundgren. 2,044,855; June 23.
- Gun sight. C. E. Lyman, Jr. 2,037,422; Apr. 14.
- Gun sight. H. F. Mossberg. 2,061,040; Nov. 17.
- Gun-sighting device. F. E. Bliss. 2,032,648; Mar. 3.
- Gun, Sling. C. C. Merrill. 2,040,150; May 12.
- Gun, Sludge detecting and oil sampling. R. Sperling. 2,057,398; Oct. 13.
- Gun, Spot welding. J. J. Paugh. 2,037,040; Apr. 14.
- Gun, Spray. F. E. Clesi and E. H. Kardorff. 2,059,089; Oct. 27.
- Gun, Spray. F. D. Dippman. 2,029,061; Jan. 28.
- Gun, Spray. S. Hayes. 2,034,867; Mar. 24.
- Gun, Spray. F. I. Jaden and A. B. Arnold. 2,057,434; Oct. 13.
- Gun, Spray. H. E. Pfaff, L. R. Shaffer, and A. Metherell. 2,054,136; Sept. 15.
- Gun, Spray. R. L. Potter. 2,060,894; Nov. 17.
- Gun, Spray. H. A. Roselund. 2,052,362; Aug. 25.
- Gun, Spray. R. W. Tracy. 2,052,953; Sept. 1.
- Gun structure, Oil. I. L. Eastman. 2,059,446; Nov. 3.
- Gun unit, Machine. F. K. Howard and S. G. Green. 2,049,448; Aug. 4.
- Gunner compartment. D. M. Helwig. 2,033,768; Mar. 10.
- Guns, Belt feeding mechanism for. D. M. Williams. 2,027,893; Jan. 14.
- Guns, Flexible adapter for machine. C. G. Trimbach. 2,059,717; Nov. 3.
- Guns for dispensing viscous or semi-liquid materials, Apparatus for and method of loading. L. A. Macklanburg. 2,031,495; Feb. 18.
- Guns, Packed joint for. S. G. Green. 2,026,528; Jan. 7.
- Gutter attachment for ventilating windows of motor vehicles. J. B. Andrews, Jr. 2,029,978; Feb. 4.
- Guy wire fastener. R. Schaedler. 2,064,952; Dec. 22.
- Guy wire protector. A. A. Hoehner and R. H. Manson. 2,061,306; Nov. 17.
- Guy wire protector. B. M. Smalley and G. F. Hauf. 2,034,961; Mar. 24.
- Gymnastic apparatus. E. E. Knourek. 2,062,813; Dec. 1.
- Gypsum, Decolorizing. F. L. Marsh. 2,031,898; Feb. 25.
- Gyro baseline. L. F. Carter. 2,041,526; May 19.
- Gyro-compass and artificial horizon, Combined. C. H. Havill. 2,043,168; June 2.
- Gyro horizon indicator. F. G. Nesbitt. 2,059,266; Nov. 3.
- Gyroplane aircraft, Stable. P. J. Van Poelvoorde. 2,031,992; Feb. 25.
- Gyroscope, Constrained directional. B. G. Carlson. 2,061,894; Nov. 24.
- Gyroscope controlled apparatus. J. Seligmann. 2,047,922; July 14.
- Gyroscope, Pilot directing. B. G. Carlson and L. F. Carter. 2,052,866; Sept. 1.
- Gyroscope sextant. S. B. MacFarlane and R. E. Jasper-son. 2,036,288; Apr. 7.
- Gyroscope, Sparking. L. Marx. 2,039,819; May 5.
- Gyroscope, Temperature compensated. M. F. Bates. 2,047,186; July 14.
- Gyroscopic apparatus. J. P. Brown. 2,036,914; Apr. 7.
- Gyroscopic device. E. Angeloni. 2,044,343; June 16.
- Gyroscopic navigation apparatus. D. G. K. Moss. 2,036,229; Apr. 7.
- Gyroscopic position finder. F. M. Young. 2,046,890; July 7.
- Hacksaw. H. E. O. Schmidt and C. J. Haeberl. 2,048,627; July 21.
- Hacksaw blade. L. Salvador. 2,045,105; June 23.
- Hacksaw frame construction. D. B. Priest. 2,058,107; Oct. 20.
- Hacksaw machine, Power. A. Rasmussen. 2,049,626; Aug. 4.
- Haemocytometer. C. A. and A. A. Hauser. 2,039,219; Apr. 28.
- Hair, Apparatus for curling. W. N. Vanatta. 2,051,231; Aug. 18.
- Hair, Apparatus for straightening. S. de Lado. 2,062,561; Dec. 1.
- Hair, Apparatus for waving. D. Lakenbach. 2,062,893; Dec. 1.
- Hair, Appliance for waving. J. V. Slavick. 2,051,579; Aug. 18.
- Hair bleach, Applying. S. R. Severn. 2,058,040; Oct. 20.
- Hair clipper blade. G. Pluchino. 2,029,791; Feb. 4.
- Hair clipping attachment, Automatic. D. W. Buller. 2,034,131; Mar. 17.
- Hair curler. S. Behr. 2,058,400; Oct. 27.
- Hair curler. E. J. Campion. 2,046,672; July 7.
- Hair curler. J. Charles. 2,045,213; June 23.
- Hair curler. P. Van Cleef. 2,061,817; Nov. 24.
- Hair curler. I. M. High and E. G. Kimmell. 2,042,397; May 26.
- Hair curler. M. R. Indahl. 2,041,413; May 19.
- Hair curler. J. Lini. 2,052,235; Aug. 25.
- Hair curler. H. Natkiel and H. Engelke. 2,028,234; Jan. 21.
- Hair curler. C. W. Renstrom. 2,047,709; July 14.
- Hair curler. N. L. Solomon. 2,031,285; Feb. 18.
- Hair curler with electric attachment. S. R. Salvio. 2,065,874; Dec. 29.
- Hair, Curling. V. J. Gentile. 2,066,146; Dec. 29.
- Hair curling and waving appliance. M. J. Suter. 2,043,634; June 9.
- Hair curling apparatus. G. E. Nicholson, J. B. McGay, and B. E. Sanders. 2,034,729; Mar. 24.
- Hair curling device. T. N. Coffelder. 2,031,760; Feb. 25.
- Hair curling device. M. E. Lindsay. 2,031,377; Feb. 18.
- Hair curling device. R. Pezzella. 2,043,592; June 9.
- Hair curling device. E. E. Singer. 2,046,586; July 7.
- Hair curling device. J. H. Wilburn, Jr. 2,036,110; Mar. 31.
- Hair curling device and curling the hair. S. Freeman. 2,039,789; May 5.
- Hair-cutting device. M. Haberman. 2,047,413; July 14.
- Hair, Device for use in the permanent waving of. A. G. Johnson. 2,065,807; Dec. 29.
- Hair, Device for use in waving. Y. Worth. 2,051,667; Aug. 18.
- Hair drier. R. H. Brownlee and O. P. Kohler. 2,037,695; Apr. 21.
- Hair drier. J. E. Kelley. 2,023,942; Jan. 7.
- Hair drier. A. List and C. S. Stuart. 2,027,694; Jan. 14.
- Hair drier. R. A. Olsen. 2,027,061; Jan. 7.
- Hair drier. W. V. Riffe. 2,052,799; Sept. 1.
- Hair drier. S. H. Seidman and F. I. Fischer. 2,048,143; July 21.
- Hair drier, Electric. B. A. Benson. 2,041,687; May 26.
- Hair drying apparatus. V. C. Norquist. 2,037,998; Apr. 21.
- Hair drying apparatus. H. L. Orton. 2,040,268; May 12.
- Hair drying apparatus. R. M. Warwick. 2,043,721; June 9.
- Hair drying device. A. M. Moore. 2,031,001; Feb. 18.
- Hair net. L. J. F. Morins. 2,042,908; June 2.
- Hair, Permanently waving. A. G. Johnson. 2,046,632; July 7.
- Hair, Permanently waving. C. O. McIntosh and O. R. Essex. 2,063,260; Dec. 8.
- Hair piece and the like. M. Jacoby. 2,053,908; Sept. 8.
- Hairpin, Nonslipping. J. H. Adams. 2,026,766; Jan. 7.
- Hair remover, Superfluous. J. O. Davies. 2,040,599; May 12.
- Hairspring assembly for timepieces. W. B. Eddison and J. V. McAdam. 2,057,642; Oct. 13.
- Hair spring clamp. J. Bechler. 2,047,188; July 14.
- Hair thinning mechanism. M. Andis. 2,035,632; Mar. 31.
- Hair, Treating. I. H. Wilsey. 2,049,035; July 28.
- Hair waver. D. Gosewisch. 2,061,356; Nov. 17.



- Hair waving and curling, Apparatus for. W. Kahlhofer. 2,052,349; Aug. 25.
- Hair waving and curling device. N. C. McCloskey. 2,037,388; Apr. 14.
- Hair waving apparatus. R. M. Keele. 2,048,934; July 28.
- Hair waving apparatus. F. Kiss. 2,052,352-3; Aug. 25.
- Hair waving apparatus. G. La Bella. 2,035,815; Mar. 31.
- Hair waving apparatus. P. Santurello. 2,034,635; Mar. 17.
- Hair-waving apparatus. P. Santurello. 2,039,558; May 5.
- Hair waving apparatus. P. Santurello. 2,061,212; Nov. 17.
- Hair waving apparatus, Electric. E. de los Santos. 2,060,929; Nov. 17.
- Hair waving apparatus, Permanent. L. Goldenberg. 2,014,409; May 19.
- Hair waving appliance. E. M. Meyer and E. C. Duncan. 2,041,426; May 19.
- Hair waving appliance. T. H. Zinn. 2,030,490; Feb. 11.
- Hair waving device. P. Di-Guangco and V. Vito. 2,040,982; May 19.
- Hair waving device. S. Grasso. 2,041,641; May 19.
- Hair waving device. A. M. Herschensohn. 2,049,773; Aug. 4.
- Hair waving device. C. K. Thau. 2,033,598; Mar. 10.
- Hair waving device, Deep. H. Lingard. 2,066,045; Dec. 29.
- Hair waving heater, Electrical. F. V. Schleimer. 2,045,056; June 23.
- Hair waving unit. F. M. Winkel. 2,051,063; Aug. 18.
- Half-tone plates, Making. E. Scherer. 2,032,771; Mar. 3.
- Halides, Rearrangement of unsaturated. H. P. A. Groll and J. Burgin. 2,042,223; May 26.
- Halides, Recovering. H. E. Bierbaum. 2,035,523; Mar. 31.
- Halides, Treatment of unsaturated. H. P. A. Groll and J. Burgin. 2,042,222; May 26.
- Halo-butadienes, Preparing. W. H. Carothers. 2,038,538; Apr. 28.
- Halogen compounds and making same, Sulphurized aliphatic. L. Orthner and H. Freudenberger. 2,050,583; Aug. 11.
- Halogenating compounds and product resulting therefrom. C. F. Reed. 2,046,090; June 30.
- Halter. A. Lombella. 2,031,271; Feb. 18.
- Ham boiler. H. Adelman. 2,051,360; Aug. 18.
- Ham-boiler. F. Roth. 2,027,841; Jan. 14.
- Flame. J. M. Glaser. 2,044,939; June 23.
- Hammer. C. L. Griffin. 2,052,975; Sept. 1.
- Hammer. R. F. Schiveley. 2,048,034; July 21.
- Hammer for dipper buckets, Latch bar. L. E. Younie. 2,049,885; Aug. 4.
- Hammer for percussion musical instruments. W. D. Gladstone. 2,040,603; May 12.
- Hammer heads, Securing means for. D. Jones. 2,055,151; Sept. 22.
- Hammer, Magazine. S. M. Coffman. 2,057,818; Oct. 20.
- Hammer, Magazine nail. J. L. Eller and F. J. Youmans. 2,056,571; Oct. 6.
- Hammer, Mechanical. R. R. Downie. 2,029,363; Feb. 4.
- Hammer, Mechanical. L. Rasch. 2,056,293; Oct. 6.
- Hammer mill. C. F. Crumb and M. W. Roscoe. 2,059,316; Nov. 3.
- Hammer mill with equalized separating means. W. J. Clement. 2,045,582; June 30.
- Hammer, Power. E. R. Boddinhouse. 2,061,345; Nov. 17.
- Hammer, Steam. E. C. Clarke. 2,046,447; July 7.
- Hammer testing machine, Pneumatic. T. Takahashi. 2,035,729; Mar. 31.
- Hammock. F. M. Powers. 2,062,069; Nov. 24.
- Hamper, Collapsible. H. Derman. 2,036,794; Apr. 7.
- Hand, Artificial. D. W. Dorrance. 2,030,785; Feb. 11.
- Hand bag. W. Banwer. 2,028,376; Jan. 21.
- Handbag. C. Brinkerhoff. 2,053,599; Sept. 8.
- Handbag. B. Calem and W. Stahle. 2,044,874; June 23.
- Handbag. T. M. Coventry. 2,035,593; Mar. 31.
- Handbag. W. C. Hiering. 2,034,098; Mar. 17.
- Hand bag. W. C. Hiering. 2,037,234; Apr. 14.
- Handbag. W. C. Hiering. 2,042,941; June 2.
- Handbag. W. C. Hiering. 2,045,649; June 30.
- Handbag. W. C. Hiering. 2,053,082; Sept. 1.
- Handbag. B. Kash. 2,034,398; Mar. 17.
- Hand bag. C. G. King. 2,040,141; May 12.
- Handbag. J. H. Klotz. 2,031,218; Feb. 18.
- Handbag. A. Landis. 2,051,092; Aug. 18.
- Hand bag. C. M. Lewis. 2,027,740; Jan. 14.
- Handbag. S. Miller. 2,032,625; Mar. 3.
- Handbag. C. Picinich. 2,055,879; Sept. 29.
- Handbag. H. V. Ritter. 2,031,506; Feb. 18.
- Handbag. M. E. Rohr. 2,053,496; Sept. 8.
- Handbag. D. Rosenzweig. 2,040,271; May 12.
- Handbag. N. Rosovsky. 2,032,227; Feb. 25.
- Handbag and cover therefor. N. V. Park. 2,059,922; Oct. 27.
- Handbag and frame for the same. C. Lowenstein. 2,051,413; Aug. 18.
- Handbag and the like, Lady's. H. Peters. 2,051,572; Aug. 18.
- Handbag, Combination. H. Zolotow. 2,055,569; Sept. 29.
- Handbag cover, Removable. H. E. Rosenberg. 2,036,608; Apr. 7.
- Handbag frame. W. C. Hiering. 2,032,057; Feb. 25.
- Handbag frame. E. Poeter. 2,052,245; Aug. 25.
- Handbag frame covering machine. V. Lindenman. 2,046,955; July 7.
- Handbag frames, Assembling. W. C. Hiering. 2,060,394; Nov. 10.
- Handbag, Lady's. M. J. Dalsheim. 2,053,464; Sept. 8.
- Handbag, Lady's. T. Nemeth and C. Adam. 2,063,850; Dec. 8.
- Handbag, Lady's. B. Stember. 2,061,293; Nov. 17.
- Handbag or pocketbook, Lady's. H. Rubin. 2,037,394; Apr. 14.
- Handbag, Reversible. A. Banner. 2,029,905; Feb. 4.
- Hand brake. H. J. Orlander. 2,049,715; Aug. 4.
- Hand covering. C. F. Zwick. 2,039,137; Apr. 28.
- Hand grip and cover. C. E. Hathorn. 2,034,095; Mar. 17.
- Handgrip member. O. W. Hamel. 2,031,161; Feb. 18.
- Handkerchief. J. H. Johnson. 2,028,070; Jan. 14.
- Handkerchief simulation, Pocket. L. Gilgenbach. 2,060,729; Nov. 10.
- Handkerchiefs and like articles, Method and apparatus for making. G. A. Anderson. 2,053,257; Sept. 8.
- Handkerchiefs, Substitute for. I. Roet. 2,055,559; Sept. 29.
- Hand lamp. H. F. Nygard. 2,051,889; Aug. 25.
- Hand-operated tool. T. A. Reilly. 2,054,269; Sept. 15.
- Handpiece, Motorized. H. A. Whiteside. 2,044,823; June 23.
- Hand protector. E. A. Johst. 2,047,635; July 14.
- Handrail, Bridge. J. D. Bond and A. V. Marbry. 2,059,311; Nov. 3.
- Handrail for moving stairways. H. W. Shonnard. 2,028,358; Jan. 21.
- Handrail guide, Moving stairway. A. E. Handy and S. G. Margies. 2,058,379; Oct. 20.
- Hand restraining device. E. F. Cox. 2,043,153; June 2.
- Hand spooling apparatus. P. G. G. Beyer. 2,042,381; May 26.
- Hand tool. H. S. Forsberg. 2,046,733; July 7.
- Hand tool and spark tester, Combination. A. L. Stowell. 2,048,652; July 21.
- Hand tool, Power-driven reciprocating. W. H. Dean. 2,037,121; Apr. 14.
- Hand wheel. S. G. Green and F. K. Howard. 2,055,488; Sept. 29.
- Handwheels, Forming hand. G. J. Pannecoucke. 2,041,206; May 19.
- Handle: See—
- |                        |                      |
|------------------------|----------------------|
| Adjustable handle.     | Receptacle handle.   |
| Basket handle.         | Safety razor handle. |
| Carrier handle.        | Saw handle.          |
| Carton handle.         | Screw driver handle. |
| Casket handle.         | Snake handle.        |
| Container handle.      | Stirring handle.     |
| Door handle.           | Tool handle.         |
| Fastener handle.       | Umbrella handle.     |
| Fastening tool handle. | Valve handle.        |
| Fishing rod handle.    | Valve stem handle.   |
| Casket handle.         | Wrench handle.       |
| Implement handle.      |                      |
- Handle. J. Podolsky. 2,047,704; July 14.
- Handle. L. Segar. 2,029,199; Jan. 28.
- Handle and closure attachment for containers. A. and E. Winterhalter. 2,056,879; Oct. 6.
- Handle and lock, Combined. E. North. 2,034,199; Mar. 17.
- Handle and lock, Combined. E. North. 2,034,200-1; Mar. 17.
- Handle and lock, Combined. E. North. 2,047,795; July 14.
- Handle assembly for an automotive vehicle, Inside door. E. G. Simpson. 2,038,062; Apr. 21.
- Handle attachment for safety razors. J. H. Schuster. 2,033,307; Mar. 10.
- Handle clamp. S. P. Neuhausen. 2,062,472; Dec. 1.
- Handle connector. J. W. Hargrave. 2,039,899-900; May 5.
- Handle construction. F. F. Plack. 2,066,301; Dec. 29.
- Handle construction for utensils. D. W. Haber. 2,057,096; Oct. 13.
- Handle escutcheon. G. L. Kemper. 2,028,071; Jan. 14.
- Handle fastening device. M. Plön. 2,057,914; Oct. 20.
- Handle for bathtubs, Safety. E. M. Anderson and S. J. Shenabrough. 2,034,705; Mar. 24.
- Handle for confection. W. E. Sackner. 2,046,415; July 7.
- Handle for confections and method of joining. S. M. Fatland. 2,057,297; Oct. 13.
- Handle for containers, Carrying. D. Belcher. 2,052,525; Aug. 25.
- Handle for containers, Carrying. D. Belcher. 2,059,621; Nov. 3.
- Handle for dredges, Dipper. A. Neveling. 2,048,561; July 21.
- Handle for fire extinguishing apparatus. V. J. Hill, Jr. 2,062,713; Dec. 1.
- Handle for flowerpots and the like. R. C. Skinner. 2,037,489; Apr. 14.
- Handle for implements, utensils, and the like, and making the same. W. H. Collan. 2,052,819; Sept. 1.
- Handle for pails. J. M. Mothersall. 2,026,536; Jan. 7.
- Handle for paper cups, Attachable. S. R. Koons. 2,029,429; Feb. 4.
- Handle for pliers, Insulating. F. J. McCluskey. 2,057,201; Oct. 13.
- Handle for relooping tools, Holding. M. Vitoux. 2,048,903; July 28.



- Handle for suitcases and the like. A. Cichowicz. 2,033,879; Mar. 10.
- Handle for tools, Cushioned. F. P. Forss. 2,058,583; Oct. 27.
- Handle grip. P. Herkner. 2,046,164; June 30.
- Handle means for cases and the like. C. Schell. 2,036,645; Apr. 7.
- Handle mounting for kitchenware. W. E. Spindler. 2,061,409; Nov. 17.
- Handle or knob, Attaching a door. J. Wichmann. 2,058,930; Oct. 27.
- Handle pad. H. A. Hammerich. 2,050,176; Aug. 4.
- Handle securing means for tools and implements. W. E. Owen. 2,051,152; Aug. 18.
- Handle structure for corn poppers and the like. W. E. Gundelfinger. 2,044,388; June 16.
- Handle to a stem or the like, Attaching a. H. Michel. 2,039,917; May 5.
- Handled shopping bag. H. K. Steen. 2,062,617; Dec. 1.
- Handles, Attaching means for. E. H. Mueller. 2,029,737; Feb. 4.
- Handles, Attaching means for. E. H. Mueller. 2,062,424; Dec. 1.
- Handles for cutlery and the like, Making seamless hollow. L. B. Marcy and B. Egeberg. 2,057,440; Oct. 13.
- Handling apparatus. N. P. E. Andersen. 2,027,506; Jan. 14.
- Handling devices for packages or the like. V. Kobler and W. Kobler. 2,059,643; Nov. 3.
- Hanger: See—
- |                           |                           |
|---------------------------|---------------------------|
| Beam hanger.              | Hat hanger.               |
| Blind hanger.             | Headrest hanger.          |
| Boot hanger.              | Iron hanger.              |
| Brake hanger.             | Line hanger.              |
| Brush hanger.             | No wrinkle hanger.        |
| Cable hanger.             | Outlet box hanger.        |
| Clothes hanger.           | Pants hanger.             |
| Curtain and shade hanger. | Shade and curtain hanger. |
| Curtain hanger.           | Spring hanger.            |
| Door hanger.              | Stranded ribbon hanger.   |
| Eye glass hanger.         | Swing hanger.             |
| Garment hanger.           | Trough hanger.            |
- Hanger. C. Heine. 2,047,068; July 7.
- Hanger. A. W. Owen. 2,049,716; Aug. 4.
- Hanger. J. E. Trotter. 2,040,415; May 12.
- Hanger for automobiles, Hat and coat. M. Meyer. 2,060,820; Nov. 17.
- Hanger for draperies. C. S. Nudelman and H. Kruglick. 2,051,342; Aug. 18.
- Hanger for eaves troughs. C. A. Carbaugh. 2,029,462; Feb. 4.
- Hanger for gas meters. C. W. Stevens. 2,044,647; June 16.
- Hanger for handbags and the like. A. von Schroeder. 2,064,133; Dec. 15.
- Hanger for playground swings. J. E. Burke. 2,026,670; Jan. 7.
- Hanger structure for meters. C. W. Stevens. 2,039,748; May 5.
- Hangers, Manufacture of coat. W. Backer. 2,041,805; May 26.
- Hanging-disturbances in shaft furnaces, Elimination of. W. Lennings and E. Karwat. 2,051,383; Aug. 18.
- Harbor. H. M. Knight. 2,044,795; June 23.
- Hard composition of matter. P. M. McKenna. 2,039,822; May 5.
- Hard ferrous-lined tube. F. A. Kormann and W. F. Hirsch. 2,046,914; July 7.
- Hard products and making same. T. A. I. Lundbäck. 2,036,156; Mar. 31.
- Hardness of abrasive disks, Measuring the. K. Geppert. 2,029,066; Jan. 28.
- Hardness tester. A. B. Bolender. 2,039,579; May 5.
- Hardness testing machine. J. Gogan. 2,053,472; Sept. 8.
- Hardness testing machine. J. Gogan. 2,054,197; Sept. 15.
- Hardware, Braceless panic release, roller latching, revolving door. J. W. Shields and T. M. Hagenbook. 2,030,547; Feb. 11.
- Hardware for sashes and the like, Adjusting. S. Madsen. 2,048,131; July 21.
- Hardware, Revolving door. J. W. Shields. 2,050,589; Aug. 11.
- Hardware, Revolving door. J. W. Shields. 2,055,828; Sept. 29.
- Harmonic compressor. J. B. Replogle. 2,054,097; Sept. 15.
- Harmonic control means. V. H. Severy. 2,049,084; July 28.
- Harness attachment. H. R. Bourn. 2,041,044; May 19.
- Harness, Baby's sleeping. H. M. Donoghue. 2,059,563; Nov. 3.
- Harness, Expansion twine. I. Andrews. 2,045,683; June 30.
- Harness for cross weaving. H. H. Wood. 2,033,800; Mar. 10.
- Harness for looms. W. J. Samet. 2,037,594; Apr. 14.
- Harness, Parking. G. F. Haberstro, Jr. 2,035,231; Mar. 24.
- Harrow. C. C. King. 2,036,052; Mar. 31.
- Harrow. C. R. McMeekan. 2,038,438; Apr. 21.
- Harrow. S. S. Spire. 2,057,854; Oct. 20.
- Harrow. G. H. Tune. 2,050,905; Aug. 11.
- Harrow and pulverizer, Combined. E. H. Childs. 2,035,591; Mar. 31.
- Harrow, Disk. H. B. McKahin. 2,062,756; Dec. 1.
- Harrow, Disk. O. W. Sjogren, R. H. Mitchell, A. Vaughn, and D. E. Skinn. 2,041,216; May 19.
- Harrow evener. W. F. Frese. 2,060,668; Nov. 10.
- Harrow, Shovel tooth furrow corn. O. Kaiser. 2,055,294; Sept. 22.
- Harvester. S. H. Darnell. 2,056,344; Oct. 6.
- Harvester. H. D. Hume and J. E. Love. 2,041,182; May 19.
- Harvester. J. Mutzbauer. 2,065,721; Dec. 29.
- Harvester and huller, Combined pea. R. Arbuckle. 2,037,300; Apr. 14.
- Harvester, Beet. O. Hansen. 2,062,711; Dec. 1.
- Harvester, Clover seed. F. Wyatt and J. C. Dunn. 2,046,932; July 7.
- Harvester, Cornstalk. A. Emery. 2,061,353; Nov. 17.
- Harvester, Cotton. F. A. Thomann. 2,064,394; Dec. 15.
- Harvester, Peanut. T. E. Grinslade. 2,054,501; Sept. 15.
- Harvester thresher. A. C. Lindgren. 2,040,699; May 12.
- Harvester-thresher. A. B. Welty. 2,044,139; June 16.
- Harvester, Tractor beet. B. R. Benjamin and J. Morkovski. 2,037,960; Apr. 21.
- Harvester, Tuber. J. G. Heaslet. 2,030,587; Feb. 11.
- Harvesting adapter for binders, Soy bean or like. J. L. Leonard. 2,054,161; Sept. 15.
- Harvesting and threshing machine, Combined. R. M. Darden. 2,045,839; June 30.
- Harvesting attachment. A. Rousch. 2,053,741; Sept. 8.
- Hasp and hinge fitting, Extensible. C. W. Cheney. 2,061,727; Nov. 24.
- Hasp fastener device. W. A. Beauchamp and G. R. Trep-tow. 2,035,216; Mar. 24.
- Hasp fastening, Hinged. C. W. Cheney. 2,054,360; Sept. 15.
- Hasp-keeper. W. H. Marshall. 2,046,078; June 30.
- Hat. J. Dubin. 2,051,594; Aug. 18.
- Hat. G. M. Glidden. 2,058,146; Oct. 20.
- Hat. I. L. Lewis. 2,039,174; Apr. 28.
- Hat. F. Nelkin. 2,043,330; June 9.
- Hat. H. Siegelbaum. 2,038,875; Apr. 28.
- Hat bag. H. Savard. 2,049,026; July 28.
- Hat block chuck. H. Schlesinger. 2,037,342; Apr. 14.
- Hat blocking and storing device. T. A. Brennan. 2,028,270; Jan. 21.
- Hat brim and constructing the same. E. Wittcoff. 2,040,354; May 12.
- Hat cleaning device. G. Wolkenhauer. 2,038,698; Apr. 28.
- Hat fastening device. C. Bustamante. 2,033,610; Mar. 10.
- Hat flanging machine. G. W. Cuming. 2,064,824; Dec. 22.
- Hat forming machine. I. Kiwad. 2,065,077; Dec. 22.
- Hat hanger. H. J. Wright. 2,060,711; Nov. 10.
- Hat holder. R. G. Coates. 2,053,699; Sept. 8.
- Hat holder. L. D. Fletcher and J. C. Krejci. 2,058,144; Oct. 20.
- Hat holder. C. W. Twite. 2,043,022; June 2.
- Hat machinery. R. K. Reynolds. 2,053,442; Sept. 8.
- Hat protector. M. H. Friedler. 2,042,889; June 2.
- Hat supporting device. G. B. Conley. 2,038,828; Apr. 28.
- Hats, Making felt. S. Kanner. 2,054,201; Sept. 15.
- Hats, Manufacture of fur or felt. F. H. Lee. 2,039,911; May 5.
- Hats, Manufacturing straw. O. Wiedeman. 2,049,986; Aug. 4.
- Hatch construction. C. D. Bonsall. 2,037,114; Apr. 14.
- Hatch construction. J. L. Taylor. 2,061,337; Nov. 17.
- Hatch cover controlling and sealing device. V. H. Harbert. 2,056,270; Oct. 6.
- Hatch, Service. W. J. Percy. 2,027,491; Jan. 14.
- Hatchet. S. Troell. 2,043,907; June 9.
- Hatching compartment for an incubator. R. M. Peter-sime. 2,059,533; Nov. 3.
- Haulage apparatus for operating soil scrapers, plows, reaping machines and the like. J. L. and A. T. Holman. 2,050,590; Feb. 11.
- Hay, Apparatus for storage and ventilation of. J. G. Shodron. 2,047,334; July 14.
- Hay drier. F. H. Peek. 2,035,716; Mar. 31.
- Hay loader. C. E. Bverett. 2,045,763; June 30.
- Hay, Method and apparatus for storage, curing, and preservation of. J. G. Shodron. 2,044,370; June 16.
- Hay press. G. C. Horton. 2,037,131; Apr. 14.
- Head-box construction. E. A. Leloff. 2,034,402; Mar. 17.
- Head covering. S. L. Dearing. 2,047,009; July 7.
- Head for drum stapling machines, Automatic. L. Pardini. 2,063,460; Dec. 8.
- Head for evaporators, Distributing. E. Witzel. 2,044,455; June 16.
- Head for internal combustion engines. B. Loeffler. 2,041,078; May 19.
- Head for internal combustion engines. M. E. Mutchler. 2,031,123; Feb. 18.
- Head for lamp sockets, Adjustable. W. Dabgin. 2,048,493; July 21.
- Head for metal containers and sealing means therefor, Removable. L. B. Wackman. 2,055,243; Sept. 22.
- Head for puncturing closure disk, Nonstalling self-energizing. S. E. Allen and O. N. Wiswell. 2,051,589; Aug. 18.
- Head from a cascade system, Method and apparatus for re-jecting. L. I. Dana. 2,037,679; Apr. 14.
- Head gate. U. A. Wiseman. 2,050,145; Aug. 4.



- Headgear, Protective. J. B. Dym. 2,032,203; Feb. 25.  
 Headlamp. G. A. Peple, Jr. 2,044,224; June 16.  
 Head lamp. N. P. Worden. 2,043,567; June 9.  
 Headlamp construction. C. A. Michel. 2,050,726; Aug. 11.  
 Headlight. R. R. Bostic. 2,064,880; Dec. 22.  
 Headlight. R. J. Hicks. 2,042,396; May 26.  
 Headlight. W. F. Lennon. 2,065,814; Dec. 29.  
 Headlight. H. Nielsen. 2,054,709; Sept. 15.  
 Headlight. P. A. Peters. 2,064,446; Dec. 15.  
 Headlight and direction indicator for vehicles, Combined. E. R. Lochman. 2,062,323; Dec. 1.  
 Headlight and horn construction. R. A. Sandberg. 2,037,826; Apr. 21.  
 Headlight, Automobile. O. A. de Lima. 2,065,059; Dec. 22.  
 Headlight, Automobile. J. C. Ford. 2,043,289; June 9.  
 Headlight, Automobile. C. O. Huntington. 2,032,577; Mar. 3.  
 Headlight construction, Nonglare. B. B. Fortney. 2,064,253; Dec. 15.  
 Headlight, Dirigible. N. S. and W. N. Gilbert. 2,051,252; Aug. 18.  
 Headlight for toy vehicles. G. R. Ericson. 2,047,823; July 14.  
 Headlight for vehicles. F. Hamm. 2,049,802; Aug. 4.  
 Headlight, Nonglare. H. T. Eddy. 2,058,965; Oct. 27.  
 Headlight system. J. W. Van Denburg. 2,029,348; Feb. 4.  
 Headlight, Vehicle. C. J. Brown. 2,051,466; Aug. 18.  
 Headlight, Vehicle. T. J. Horgan. 2,027,690; Jan. 14.  
 Headlights and the like for an automobile, Dirigible. W. A. Knust. 2,039,252; Apr. 28.  
 Headlights for automobiles, Dirigible. W. A. Knust. 2,039,253; Apr. 28.  
 Head quadrant, Universal dividing. H. R. Isler. 2,042,258; May 26.  
 Head rest. O. L. Herod. 2,062,056; Nov. 24.  
 Headrest, Collapsible. U. B. Newman. 2,056,479; Oct. 6.  
 Headrest extension for barber chairs. L. B. Glasgow. 2,045,225; June 23.  
 Headrest hanger. A. Bongiovanni. 2,033,811; Mar. 10.  
 Headrest supporting means. A. J. May. 2,062,592; Dec. 1.  
 Head shaping machine. T. A. Richardson and C. W. Dawson. 2,029,388; Feb. 4.  
 Headstock for machine tools. H. B. Kraut and K. F. Gallimore. 2,027,385; Jan. 14.  
 Headwear. P. Adamson. 2,040,456; May 12.  
 Headwear. W. Katz. 2,056,276; Oct. 6.  
 Headwear. E. Wittcoff. 2,040,355; May 12.  
 Headwear, Flexible. S. Adamson. 2,052,123; Aug. 25.  
 Headwear, Knitted. L. H. Ensten. 2,039,478; May 5.  
 Head wheel and making same, Numbering. G. J. Matt. 2,029,887; Feb. 4.  
 Header. W. L. Clouse. 2,038,543; Apr. 28.  
 Header. R. K. Hopkins. 2,055,534; Sept. 29.  
 Header construction. J. Karmazin. 2,028,455; Jan. 21.  
 Header construction for concealed windshield wipers. F. J. Westrope. 2,040,966; May 19.  
 Hearing-aid, Bone-conduction. S. Y. White. 2,045,427; June 23.  
 Hearing aid bone vibrator. E. C. Nicholides. 2,062,373; Dec. 1.  
 Hearing-aid device. E. H. Greibach. 2,046,738; July 7.  
 Hearing-aid device. E. H. Greibach. 2,064,426; Dec. 15.  
 Hearse. W. E. Binkley. 2,042,382; May 26.  
 Hearse, Side-loading. F. Harris, Jr. 2,057,826; Oct. 20.  
 Hearth and bosh, Blast furnace. G. M. Harris. 2,052,928; Sept. 1.  
 Hearth construction for oil burners. O. J. Appel. 2,062,633; Dec. 1.  
 Hearth construction for rotary oil burners. M. A. Powers. 2,055,589; Sept. 29.  
 Hearth, Mechanically operated smelting. W. E. Newman. 2,037,997; Apr. 21.  
 Heat and chemicals from waste products, Recovery of. C. L. Wagner. 2,050,400; Aug. 11.  
 Heat and sound insulating composition. G. H. Ellis. 2,041,120; May 19.  
 Heat and sound insulation. R. Ericson. 2,041,910; May 26.  
 Heat, Apparatus for reclaiming waste. E. J. Parent and J. L. Krieg. 2,028,471; Jan. 21.  
 Heat, Apparatus for the utilization of waste. G. Yates. 2,048,242; July 21.  
 Heat conducting tube. T. E. Murray. 2,029,437; Feb. 4.  
 Heat conduction breaker construction. V. C. Huntington. 2,056,051; Sept. 29.  
 Heat control. J. L. Kimball. 2,059,362; Nov. 3.  
 Heat control. G. Pervelis. 2,048,620; July 21.  
 Heat control system. H. D. Yoder. 2,061,605; Nov. 24.  
 Heat distributing device. F. W. Collier. 2,036,961; Apr. 7.  
 Heat distributing means. K. M. Hamilton. 2,030,519; Feb. 11.  
 Heat distribution. S. Morse. 2,040,869; May 19.  
 Heat distributor. L. F. Chase. 2,060,364; Nov. 10.  
 Heat-distributor for registers. F. J. Hilke. 2,042,310; May 26.  
 Heat economizer. W. J. Spoelstra. 2,032,553; Mar. 3.  
 Heat exchange apparatus. J. E. Black and C. S. Smith. 2,065,850; Dec. 29.  
 Heat exchange apparatus. C. Field. 2,030,060; Feb. 11.  
 Heat exchange apparatus. L. H. Fritzberg. 2,055,838; Sept. 29.  
 Heat exchange apparatus. D. L. Higgins. 2,027,315; Jan. 7.  
 Heat exchange apparatus. E. A. Jones. 2,053,036; Sept. 1.  
 Heat exchange apparatus. J. Karmazin. 2,045,657; June 30.  
 Heat exchange apparatus. C. H. Leach. 2,032,021; Feb. 25.  
 Heat exchange apparatus. C. H. Leach. 2,059,967; Nov. 3.  
 Heat exchange apparatus. C. H. Leach. 2,061,429; Nov. 17.  
 Heat exchange apparatus. C. Mortensen. 2,056,581; Oct. 6.  
 Heat exchange apparatus. J. A. Potter and J. P. Rathbun. 2,061,007; Nov. 17.  
 Heat exchange apparatus. E. Prestage. 2,029,083; Jan. 28.  
 Heat exchange apparatus. C. F. Rosenblad. 2,060,440; Nov. 10.  
 Heat exchange apparatus. P. F. Sperry. 2,031,012; Feb. 18.  
 Heat exchange apparatus. A. R. Stevenson, Jr. 2,056,023; Sept. 29.  
 Heat exchange apparatus and method. C. Field. 2,054,073; Sept. 15.  
 Heat exchange apparatus, Controlling. R. Beck. 2,044,461; June 16.  
 Heat exchange apparatus, Fluid. C. E. Lucke. 2,049,455; Aug. 4.  
 Heat exchange apparatus, Fluid. K. Napier. 2,047,907; July 14.  
 Heat exchange apparatus, Fluid. R. Shellenberger. 2,064,954; Dec. 22.  
 Heat exchange apparatus, Manufacture of. J. D. Forrer and L. R. Prough. 2,053,239; Sept. 1.  
 Heat exchange device. S. Briskin. 2,040,917; May 19.  
 Heat exchange device. F. G. Cornell, Jr. 2,027,809; Jan. 14.  
 Heat exchange device. H. Feldmeier. 2,057,298; Oct. 13.  
 Heat exchange device. A. B. Modine. 2,055,549; Sept. 29.  
 Heat exchange device. S. Przyborowski. 2,035,403; Mar. 24.  
 Heat exchange means. J. Haag, Jr. 2,060,936; Nov. 17.  
 Heat exchange system. R. E. Olson. 2,027,929; Jan. 14.  
 Heat exchange unit. B. S. Foss. 2,032,692; Mar. 3.  
 Heat-exchange unit for wrapping machines. W. Stoneman, Jr. 2,053,540; Sept. 8.  
 Heat exchange with explosion gases. H. Holzwarth. 2,063,928; Dec. 15.  
 Heat exchanger. E. Behringer. 2,061,645; Nov. 24.  
 Heat exchanger. R. E. Burk. 2,063,788; Dec. 8.  
 Heat exchanger. J. B. Forbes. 2,041,328; May 19.  
 Heat exchanger. B. S. Foss. 2,057,299; Oct. 13.  
 Heat exchanger. F. M. Hardiman and L. P. Saunders. 2,063,736; Dec. 8.  
 Heat exchanger. J. C. Hobbs. 2,060,078; Nov. 10.  
 Heat exchanger. M. H. Kuhner. 2,058,324; Oct. 20.  
 Heat exchanger. L. U. Larkin. 2,032,134; Feb. 25.  
 Heat exchanger. A. F. Lebre. 2,058,022; Oct. 20.  
 Heat exchanger. W. Lintner. 2,053,037; Sept. 1.  
 Heat exchanger. O. W. and H. G. Mojonner. 2,040,947; May 19.  
 Heat exchanger. K. Muhleisen. 2,031,425; Feb. 18.  
 Heat exchanger. W. G. Noack. 2,037,814; Apr. 21.  
 Heat exchanger. J. Price. 2,036,957; Apr. 7.  
 Heat exchanger. J. Price. 2,046,481; July 7.  
 Heat exchanger. J. Price. 2,061,980; Nov. 24.  
 Heat exchanger. J. Price and R. C. Jones. 2,053,780; Sept. 8.  
 Heat exchanger. J. P. Rathbun. 2,049,748; Aug. 4.  
 Heat exchanger. K. B. Ris. 2,038,002; Apr. 21.  
 Heat exchanger. L. E. Sebald. 2,038,088; Apr. 21.  
 Heat exchanger. R. A. Sharp. 2,055,949; Sept. 29.  
 Heat exchanger. A. L. Smith. 2,033,402; Mar. 10.  
 Heat exchanger. M. W. Stout. 2,056,492; Oct. 6.  
 Heat exchanger. H. C. Truelsen. 2,029,450; Feb. 4.  
 Heat exchanger. F. M. Young. 2,044,457; June 16.  
 Heat exchanger, Counterflow. M. Sack. 2,057,597; Oct. 13.  
 Heat exchanger for refrigerating systems. C. B. Demann. 2,056,920; Oct. 6.  
 Heat exchanger or cooler. A. R. Hemphill. 2,028,213; Jan. 21.  
 Heat exchanger or cooler. A. R. Hemphill. 2,060,211; Nov. 10.  
 Heat exchanger, Rotary. H. Vorkauf. 2,037,490; Apr. 14.  
 Heat exchangers, Method and machine for making finned tube. A. F. Hoessel. 2,065,586; Dec. 29.  
 Heat exchanging apparatus. C. A. Hubert. 2,049,117; July 28.  
 Heat exchanging container. T. W. Miller. 2,043,327; June 9.  
 Heat exchanging mold. E. P. Engstrom. 2,046,372; July 7.  
 Heat filter device. F. L. Shahan. 2,038,765; Apr. 28.  
 Heat from machine parts, Device for effectively dissipating. A. L. R. Bernard. 2,028,434; Jan. 21.  
 Heat generator. R. A. Foresman. 2,043,994; June 16.  
 Heat generator. J. J. Sloyan. 2,043,597; June 9.  
 Heat in cooking foodstuffs or the like, Device for recuperating. V. Hettinger. 2,043,437; June 9.  
 Heat in the oxidation of ammonia to nitric acid under pressure. Utilizing the. T. Hobler. 2,031,215; Feb. 18.  
 Heat insulated receptacle. A. D. Whipple. 2,048,583; July 21.



Heat insulating composition and method of making. A. B. Cummins. 2,033,106; Mar. 3.

Heat insulating pad. L. McKittrick. 2,047,517; July 14.

Heat insulation. R. Ericson. 2,041,911; May 26.

Heat insulation. C. G. Munters. 2,037,813; Apr. 21.

Heat insulation material and making same. H. W. Greider. 2,042,096; May 26.

Heat interchange apparatus. W. L. de Baufre. 2,034,428; Mar. 17.

Heat interchange, Method and apparatus for. I. H. Levin. 2,062,321; Dec. 1.

Heat interchange with compressed gases. Method and apparatus for. H. Holzwarth. 2,040,090; May 12.

Heat interchanger. J. Askin. 2,034,553; Mar. 17.

Heat interchanger. P. Maniscalco. 2,047,080; July 7.

Heat interchanger. A. F. Schumann. 2,040,959; May 19.

Heat interchanger. A. L. Stevens. 2,051,277; Aug. 18.

Heat interchanger. R. H. Swart. 2,061,742; Nov. 24.

Heat machine, Automatic. A. J. Johnson. 2,039,422; May 5.

Heat recovery. M. W. Stout. 2,048,759; July 28.

Heat recovery system. D. K. Dean. 2,029,360; Feb. 4.

Heat recovery system. A. J. Ebner. 2,060,290; Nov. 10.

Heat regulating system. R. E. Olson. 2,040,328; May 12.

Heat regulation for buildings. E. T. McCarthy. 2,063,613; Dec. 8.

Heat regulator. O. S. Dicke. 2,037,767; Apr. 21.

Heat regulator for stove ovens. W. F. Rogers. 2,032,594; Mar. 3.

Heat resisting article. W. Rohn. 2,061,370; Nov. 17.

Heat responsive valve. W. L. Belknap. 2,031,630; Feb. 25.

Heat retainer. J. F. Laszlo. 2,039,254; Apr. 28.

Heat-saver, Humidifying. K. C. Wright. 2,029,208; Jan. 28.

Heat storage and transfer agent. J. J. Grebe and S. M. Stoesser. 2,033,702; Mar. 10.

Heat, System for the conversion of. K. V. Nesselmann and E. Altenkirch. 2,027,610; Jan. 14.

Heat to converters, Application of. T. B. Prickett. 2,062,333; Dec. 1.

Heat to retorts, coke ovens, and the like, Application of. J. Roberts. 2,065,245; Dec. 22.

Heat transfer. A. Lysholm. 2,064,931; Dec. 22.

Heat transfer apparatus. C. C. Young. 2,043,644; June 9.

Heat transfer means. C. H. Morrow. 2,034,822; Mar. 24.

Heat transfer method and apparatus. C. W. Chamberlain. 2,052,014; Aug. 25.

Heat transfer unit, Multipurpose. C. M. Ashley. 2,059,839; Nov. 3.

Heat, Transformation of. E. Altenkirch and K. Nesselmann. 2,027,571; Jan. 14.

Heat treat machine. G. W. Elsey. 2,049,800; Aug. 4.

Heat-treated cast steel wheel, Differentially. A. W. Gregg and R. H. Frank. 2,029,819; Feb. 4.

Heat treating. T. B. Bechtel and S. J. Eberwein. 2,063,784; Dec. 8.

Heat treating and torch therefor. C. H. Taylor. 2,065,627; Dec. 29.

Heat treating apparatus. J. W. Harsch. 2,032,209; Feb. 25.

Heat treating apparatus. T. D. Williams. 2,050,029; Aug. 4.

Heat treating furnace. E. G. de Coriolis and J. R. Moser. 2,033,331; Mar. 10.

Heat-treating furnace. E. V. Gilbert. 2,064,532; Dec. 15.

Heat treating furnace. W. M. Hepburn. 2,041,341; May 19.

Heat treating furnace. W. E. Kingston. 2,061,910; Nov. 24.

Heat-treating machine. L. Jacobsmeyer. 2,035,890; Mar. 31.

Heat treating method. H. H. McKee and G. R. Henney. 2,060,422; Nov. 10.

Heat treatment in carbonaceous atmospheres. F. Eberle and C. Z. Rosecrans. 2,056,175; Oct. 6.

Heat treatment of alloy glass machine castings. A. W. Gregg and R. H. Frank. 2,057,892; Oct. 20.

Heat treatment of chromium alloy steels. F. M. Becket and R. Franks. 2,046,012; June 30.

Heat treatment of magnesium alloys. A. Beck. 2,036,563; Apr. 7.

Heat treatment of metal bars. A. P. Newall. 2,051,645; Aug. 18.

Heat treatment of metal sheets. J. S. Atkinson. 2,040,724; May 12.

Heat treatment of metals, Slag and agitation. E. L. Crosby. 2,040,167; May 12.

Heater: See—

Air heater.

Airplane heater.

Asphalt heater.

Automobile heater.

Boiler heater.

Car heater.

Combination space heater.

Combustion heater.

Electric heater.

Electric immersion heater.

Electric liquid heater.

Electric water heater.

Electrical heater.

Fan-heater.

Fireplace heater.

Fluid heater.

Gas heater.

Hair waving heater.

Hot water heater.

Immersion heater.

Indirect water heater.

Link sausage heater.

Liquid-condensation heater.

Liquid conductor heater.

Liquid heater.

Motor resistance heater.

Oil heater.

Oil well heater.

Orchard heater.

Heater: See—

Permanent wave heater.

Railroad switch heater.

Room heater.

Solar heater.

Solar water heater.

Test tube heater.

Track and track-switch heater, Railway.

Unit heater.

Waffle iron heater.

Water heater.

Windshield heater.

Heater. J. M. Auferio. 2,032,786; Mar. 3.

Heater. G. H. Bork. 2,065,994; Dec. 29.

Heater. J. P. Burke. 2,060,795; Nov. 17.

Heater. J. C. Clinefelter. 2,048,104; July 21.

Heater. S. Fisher. 2,059,329; Nov. 3.

Heater. J. Hutton. 2,061,873; Nov. 24.

Heater. H. W. A. Johnson and R. H. Moore. 2,033,904; Mar. 10.

Heater. W. H. Juhnke. 2,056,465; Oct. 6.

Heater. E. J. Parsons. 2,058,253; Oct. 20.

Heater. C. T. Perkins. 2,032,811; Mar. 3.

Heater. L. M. Sawin. 2,052,037; Aug. 25.

Heater. A. Sorensen. 2,031,551; Feb. 18.

Heater. L. E. Spencer. 2,046,660; July 7.

Heater. F. E. Thomas. 2,034,782; Mar. 24.

Heater. E. F. Tobold. 2,030,614; Feb. 11.

Heater and boiler, Triple service water. R. Kroger. 2,048,393; July 21.

Heater and burner, Oil. S. M. Meyer. 2,062,595; Dec. 1.

Heater and circulating unit, Combined water. F. C. Broderick. 2,038,982; Apr. 28.

Heater and circulator for thermostatic baths. C. H. Miller and P. Sherrick. 2,037,993; Apr. 21.

Heater and defroster, Combined windshield. J. H. Cohen. 2,052,527; Aug. 25.

Heater and handle therefor. G. Decker. 2,032,474; Mar. 3.

Heater and ventilator for motor vehicles. J. C. Backe. 2,026,929; Jan. 7.

Heater and windshield cleaner, Combined car. C. M. Wendt and J. Chisholm. 2,044,488; June 16.

Heater control, Unit. J. T. Midyette, Jr. 2,045,790; June 30.

Heater element for electron discharge devices. V. O. Allen. 2,035,109; Mar. 24.

Heater for Automobiles, Ventilating. R. F. Ostrander. 2,049,545; Aug. 4.

Heater for automotive vehicles, Steam. C. E. Morley. 2,054,578; Sept. 15.

Heater for automotive vehicles, Vapor. S. Vernet. 2,040,160; May 12.

Heater for boilers, Feed water. H. A. Scott. 2,054,733; Sept. 15.

Heater for boilers, Submerged water. C. E. Bronson. 2,049,153; July 28.

Heater for brooder houses. L. E. Doan. 2,053,237; Sept. 1.

Heater for distillations and evaporations, Nonbumping. A. F. Camp. 2,033,323; Mar. 10.

Heater for indoor use, Air. F. Winterfeldt. 2,047,121; July 7.

Heater for internal combustion engines, Fuel. K. Symank. 2,048,977; July 28.

Heater for liquids, Electric. C. Canté. 2,036,117; Mar. 31.

Heater for locomotives, Feed water. M. W. Dole. 2,031,468; Feb. 18.

Heater for motor vehicles, Automatic. L. Morneault, E. J. Lyda, and T. J. Niutta. 2,065,720; Dec. 29.

Heater for motor vehicles, Window. C. C. Mulneaux. 2,036,230; Apr. 7.

Heater for oil wells. R. P. Abele. 2,035,382; Mar. 24.

Heater for oil wells. J. R. Vandever. 2,035,412; Mar. 24.

Heater for stoves and furnaces, Water. W. A. Mumaugh. 2,059,959; Nov. 3.

Heater for tracks and switches, Portable. W. H. Greenfield. 2,055,839; Sept. 29.

Heater or radiator, Electric. A. R. Muir and C. F. Brown. 2,051,456; Aug. 18.

Heater or stove construction. W. T. Bradbury. 2,055,995; Sept. 29.

Heater-range, Combination. J. E. Leonard. 2,060,627; Nov. 10.

Heater regulator. E. J. Deegan. 2,034,749; Mar. 24.

Heater shell, Hot water. R. R. Legg. 2,059,371; Nov. 3.

Heater shells made of phenol-formaldehyde condensation product, Tempering electric. S. Freeman. 2,037,375; Apr. 14.

Heater structure. C. D. Jones. 2,051,215; Aug. 18.

Heater unit, Electric. S. Downsky. 2,052,388; Aug. 25.

Heaters, Cleaning feed water. F. H. Graham and V. D. Washburn. 2,039,163; Apr. 28.

Heaters, Cleaning feed water. F. H. Graham and V. D. Washburn. 2,057,189; Oct. 13.

Heaters, Device for cleaning fuel oil. J. E. Hamilton, U. S. Navy. 2,059,231; Nov. 3.

Heaters for steam radiators, Electric. F. A. Fogg. 2,034,612; Mar. 17.

Heating. C. A. Dunham and D. N. Crosthwait, Jr. 2,064,197; Dec. 15.

Heating. C. A. and A. R. Dunham. 2,046,813; July 7.

Heating. C. A. and A. R. Dunham. 2,047,015; July 7.

Heating. O. A. Ross. 2,030,543; Feb. 11.

Heating and cooling apparatus, Combined. H. F. Hagen and S. M. Anderson. 2,033,069; Mar. 3.

Heating and cooling system. C. E. Daniel. 2,051,795; Aug. 18.

Heating and cooling system, Air conditioned. E. S. Cornell, Jr. 2,038,347; Apr. 21.



- Heating and cooling system, Combined. S. M. Anderson. 2,041,039; May 19.
- Heating and cooling system for automobiles. T. Tomlinson. 2,036,556; Apr. 7.
- Heating and cooling unit for buildings. G. W. Saathoff. 2,031,576; Feb. 18.
- Heating and demagnetizing apparatus. G. Fredrickson. 2,063,800; Dec. 8.
- Heating and distillation. J. W. Gray. 2,042,713; June 2.
- Heating and drying apparatus. W. L. Long. 2,052,983; Sept. 1.
- Heating and drying system. B. B. Russell. 2,036,503; Apr. 7.
- Heating and lighting equipment. H. H. Berryman. 2,051,240; Aug. 18.
- Heating and ventilating apparatus. A. B. Modine. 2,045,044; June 23.
- Heating and ventilating system. R. J. Parsons. 2,058,252; Oct. 20.
- Heating and ventilating system for aircraft. M. G. Beard. 2,050,240; Aug. 11.
- Heating and ventilation. A. W. Ruff. 2,065,873; Dec. 29.
- Heating apparatus. T. N. Adlam. 2,046,760; July 7.
- Heating apparatus. J. G. Ames. 2,041,683; May 26.
- Heating apparatus. R. H. and H. H. Carson, Jr. 2,037,850; Apr. 21.
- Heating apparatus. W. T. Clark. 2,055,784; Sept. 29.
- Heating apparatus. L. W. Corbett. 2,050,747; Aug. 11.
- Heating apparatus. B. W. Davis. 2,063,031; Dec. 8.
- Heating apparatus. W. M. Hepburn and T. W. Munford. 2,059,523; Nov. 3.
- Heating apparatus. E. Kägi. 2,032,660; Mar. 3.
- Heating apparatus. C. J. Kessler. 2,038,740; Apr. 28.
- Heating apparatus. J. N. Macrae. 2,054,162; Sept. 15.
- Heating apparatus. T. W. Munford. 2,051,099; Aug. 18.
- Heating apparatus. R. J. Parsons and J. W. Conway. 2,037,337; Apr. 14.
- Heating apparatus. E. A. Sweeley and R. Killingstad. 2,065,251; Dec. 22.
- Heating apparatus and method of heating. A. G. Brown. 2,058,769; Oct. 27.
- Heating apparatus, Electric. J. R. Blakeslee. 2,027,416; Jan. 14.
- Heating apparatus, Electrical. S. Ottenstein. 2,035,757; Mar. 31.
- Heating apparatus employing catalytic combustion. P. Weber. 2,042,690; June 2.
- Heating appliance. P. C. Pederson. 2,058,254; Oct. 20.
- Heating appliance. H. W. Sanford. 2,048,354; July 21.
- Heating at controlled temperatures, Apparatus for. R. Hellbach. 2,045,466; June 23.
- Heating block for the treatment of hair. J. Waret. 2,030,162; Feb. 11.
- Heating boiler. Steam and hot water. D. Conekin. 2,046,248; June 30.
- Heating device. L. Gazda. 2,033,517; Mar. 10.
- Heating device. R. H. Jordan. 2,050,332; Aug. 11.
- Heating device. C. L. Schmidt. 2,051,397; Aug. 18.
- Heating device. R. F. Van Seggers. 2,060,648; Nov. 10.
- Heating device, Electric. G. King. 2,035,707; Mar. 31.
- Heating device, Electric. A. W. Muller. 2,060,237; Nov. 10.
- Heating device, Electric. H. M. Smith. 2,063,407; Dec. 8.
- Heating device, Electrical. M. L. Goldbert and R. T. Watts. 2,051,637; Aug. 18.
- Heating device, Electrical. G. W. Heinbuch. 2,063,096; Dec. 8.
- Heating device for automobiles. G. Dietrich. 2,050,281; Aug. 11.
- Heating device for flowing fluids, Surgeon's electrical. B. T. Beasley. 2,063,902; Dec. 15.
- Heating element. E. J. Rohne. 2,034,486; Mar. 17.
- Heating element, Electric. J. A. Knight. 2,029,075; Jan. 28.
- Heating element for electric stoves, Inclosed. C. A. Pier-son. 2,026,797; Jan. 7.
- Heating element, Manufacturing a. L. R. Biggs. 2,053,127; Sept. 1.
- Heating elements, Forming electrical resistor. E. L. and A. P. Wiegand. 2,039,760; May 5.
- Heating furnace. J. P. Havey. 2,045,773; June 30.
- Heating furnace. P. S. Menough. 2,056,070; Sept. 29.
- Heating furnace. G. A. Tuck. 2,044,371; June 16.
- Heating means for third rail electric railways, Protective. L. S. Wells. 2,027,943; Jan. 14.
- Heating method and apparatus. E. F. Northrup. 2,040,760; May 12.
- Heating, Method and apparatus for. L. Wilson. 2,064,095; Dec. 15.
- Heating plant. O. F. A. Bieber. 2,034,172; Mar. 17.
- Heating plant for solid fuel consumption, Automatic. E. E. Adams. 2,041,449; May 19.
- Heating process. K. M. Simpson. 2,057,065; Oct. 13.
- Heating riser. H. F. Marshall. 2,052,719; Sept. 1.
- Heating system. T. N. Adlam. 2,053,759; Sept. 8.
- Heating system. T. N. Adlam. 2,060,844; Nov. 17.
- Heating system. A. M. Brown. 2,041,815; May 26.
- Heating system. D. Conekin. 2,043,883; June 9.
- Heating system. J. L. Davidson. 2,063,152; Dec. 8.
- Heating system. W. T. Ferguson and J. A. Parks, Jr. 2,062,565; Dec. 1.
- Heating system. W. O. Lum. 2,055,299; Sept. 22.
- Heating system. O. A. Ross. 2,030,542; Feb. 11.
- Heating system. O. A. Ross. 2,030,544; Feb. 11.
- Heating system. J. A. Serrell. 2,047,803; July 14.
- Heating system. R. K. Thulman. 2,065,481; Dec. 22.
- Heating system. H. J. C. Wells. 2,062,341; Dec. 1.
- Heating system and apparatus. S. M. Brooks. 2,041,282; May 19.
- Heating system and control means therefor. L. W. Eggleston. 2,042,217; May 26.
- Heating system and valve mechanism therefor. K. W. Rohlin. 2,065,198; Dec. 22.
- Heating system control. W. D. Burton. 2,064,194; Dec. 15.
- Heating system control. W. P. Whittington. 2,065,778; Dec. 29.
- Heating system control means. L. M. Persons. 2,057,309; Oct. 13.
- Heating system for automobile bodies, Steam. R. W. Angstman. 2,057,128; Oct. 13.
- Heating system for automotive vehicles. R. J. Parsons. 2,038,193; Apr. 21.
- Heating system for rail switches. F. H. Thompson, Jr. 2,051,918; Aug. 25.
- Heating system for vehicle bodies. S. C. Clark and H. M. Pryale. 2,062,864; Dec. 1.
- Heating system, Vehicle. J. F. Chapman. 2,037,367; Apr. 14.
- Heating system, Wind controlled. J. A. Serrell. 2,060,251; Nov. 10.
- Heating unit. H. N. Baruch, O. T. Amory, and O. A. Bloxom. 2,046,051; June 30.
- Heating unit. H. N. Baruch, O. T. Amory, and O. A. Bloxom. 2,048,675-6; July 28.
- Heating unit. M. W. Ehrlich. 2,056,263; Oct. 6.
- Heating unit. W. E. Miller. 2,031,498; Feb. 18.
- Heating unit and the production thereof. T. A. Edison, Jr. 2,064,971; Dec. 22.
- Heating unit, Electric. C. C. Abbott. 2,036,788; Apr. 7.
- Heating unit, Electric. F. M. Young and E. Witzel. 2,051,930; Aug. 25.
- Heating unit, Electric. P. H. Vanden Berg. 2,063,642; Dec. 8.
- Heating unit, Electrical. R. H. Jordan. 2,041,352; May 19.
- Heating unit for combustion chambers. R. F. Van Seggern. 2,060,599; Nov. 10.
- Heating units provided with a sheath, Apparatus for loading sheath wire. A. H. Simmons. 2,032,957; Mar. 3.
- Hectograph roll. L. M. Dixon. 2,033,458; Mar. 10.
- Heddle and making the same. R. Ragan. 2,041,860; May 26.
- Heddle bar support. R. Ragan. 2,036,080; Mar. 31.
- Heddle frame. J. J. Kaufmann. 2,034,871; Mar. 24.
- Heddle frame. J. J. Kaufmann. 2,037,381; Apr. 14.
- Heddle frame. P. L. Spencer. 2,033,359; Mar. 10.
- Heddle, Twine. I. Andrews. 2,045,684; June 30.
- Hedge cutter. R. Jennett. 2,028,784; Jan. 28.
- Hedge trimmer. L. O. Hanson. 2,041,924; May 26.
- Hedge trimmer. P. Kulikowski. 2,042,902; June 2.
- Heel. F. R. Keith. 2,048,340; July 21.
- Heel. E. Yeager. 2,064,711; Dec. 15.
- Heel and arch support. H. H. Ahern. 2,055,399; Sept. 22.
- Heel and heel-seat fitting. G. Hazelton, C. H. James, and W. I. Bacon. 2,027,431; Jan. 14.
- Heel and hose protector. C. J. Fricker. 2,039,954; May 5.
- Heel and method of attaching. J. Cavanagh. 2,060,031; Nov. 10.
- Heel attaching machine. G. W. Freeman. 2,059,331; Nov. 3.
- Heel attaching machine. H. Grewcock. 2,050,312; Aug. 11.
- Heel-breast covering flaps, Device for applying. S. J. Finn. 2,057,714; Oct. 20.
- Heel building machine. W. R. Barclay, R. B. Woodcock, and W. T. Minett. 2,046,443; July 7.
- Heel concaving machine. W. C. Brooks and J. W. Staples. 2,065,645; Dec. 29.
- Heel concaving machine, Wood. W. W. Bradbury. 2,038,636; Apr. 28.
- Heel construction for cushion shoes. J. H. Everston. 2,045,844; June 30.
- Heel, Cushion. G. E. Romano. 2,083,399; Mar. 10.
- Heel, Detachable. C. E. Johnson. 2,027,482; Jan. 14.
- Heel fastening and attaching heels. C. C. Blake. 2,057,703; Oct. 20.
- Heel for shoes. A. Hannabach. 2,062,572; Dec. 1.
- Heel forming machine. C. H. Coulson. 2,029,654; Feb. 4.
- Heel grooving machine, Wood. E. A. Webster. 2,036,904; Apr. 7.
- Heel leveler and arch support. F. P. McCord. 2,050,109; Aug. 4.
- Heel lift, Detachable. J. Kekoni. 2,043,177; June 2.
- Heel lift, Detachable. E. E. R. Swanson. 2,044,409; June 16.
- Heel machine, Wood. J. S. O'Callaghan. 2,037,430; Apr. 14.
- Heel, Method and apparatus for making a. F. C. Lovejoy. 2,050,348; Aug. 11.
- Heel nailing machine with nail feed. J. Sandt. 2,027,122; Jan. 7.
- Heel of detachable layers, Rubber. L. S. Sarkadi and C. E. Crowley. 2,038,606; Apr. 28.
- Heel, Polishing. E. B. A. Blount. 2,039,578; May 5.



- Heel, Resilient. O. Brockman. 2,048,683; July 28.  
 Heel, Rubber. H. T. Hughes. 2,049,840; Aug. 4.  
 Heel, Rubber. C. H. Ingwer. 2,037,133; Apr. 14.  
 Heel, Rubber. F. P. Wright. 2,031,753; Feb. 25.  
 Heel-seat fitting machine. E. A. Bessom. 2,048,671; July 28.  
 Heel-seat fitting machine. C. G. Brostrom. 2,034,742; Mar. 24.  
 Heel seat fitting machine. H. Gordon and A. C. Rogge. 2,032,411; Mar. 3.  
 Heel seat fitting machine. F. L. MacKenzie. 2,053,295; Sept. 8.  
 Heel securement. A. J. Book and J. P. Johnson. 2,050,644; Aug. 11.  
 Heel-setting means. W. A. Thum. 2,054,170; Sept. 15.  
 Heel trimming machine. H. Lyon. 2,045,329; June 23.  
 Heel turning machine. M. W. Howard. 2,062,416; Dec. 1.  
 Heels, Apparatus for use in covering. J. C. Shambow. 2,050,388; Aug. 11.  
 Heels, Apparatus for use in covering. J. C. Shambow. 2,063,956; Dec. 15.  
 Heels, Covering. M. W. Tetlow. 2,032,449; Mar. 3.  
 Heels, Making. D. S. Bray. 2,038,534; Apr. 28.  
 Heels, Making separate built-up. W. Hubbard. 2,050,531; Aug. 11.  
 Heels to shoes and apparatus for performing such method, Attaching. W. H. Nutt. 2,064,939; Dec. 22.  
 Heels to shoes, Attaching. A. J. Book. 2,054,593; Sept. 15.  
 Heels to shoes, Attachment of rubber. G. O'Gorman. 2,038,672; Apr. 28.  
 Heels to shoes, Device for use in the attachment of rubber. J. Coggans. 2,056,037; Sept. 29.  
 Heels to shoes, Securement of. A. J. Book. 2,037,613; Apr. 14.  
 Heels to shoes, Securing. S. Molk. 2,029,497; Feb. 4.  
 Helicopter. S. P. Vaughn. 2,030,078; Feb. 11.  
 Helicopter. S. P. Vaughn. 2,037,745; Apr. 21.  
 Helmet. A. E. Herzer. 2,029,566; Feb. 4.  
 Hemadynamometer operating according to the compensation method. H. Hesse. 2,039,000; Apr. 28.  
 Hemoglobinometer. E. Fritzsche. 2,058,073; Oct. 20.  
 Hemostat or cautery, Electric. S. T. Trice. 2,050,904; Aug. 11.  
 Hemstitching, Reenforced. H. Swink and P. W. Douglas. 2,045,844; June 30.  
 Hermetically sealed condenser. L. Kopinski. 2,047,273; July 14.  
 Heterocyclic compounds. J. Reitmann. 2,057,978; Oct. 20.  
 Heterodyne receiver. F. H. Drake. 2,059,321; Nov. 3.  
 Heterodyne receiver. R. Urtel. 2,049,677; Aug. 4.  
 Heterodyne receiver radiation suppressor. M. G. Clay. 2,039,634; May 5.  
 Heterodyne receiver, Supersonic. C. P. Osborne. 2,039,657; May 5.  
 Heterodyne receiving system. W. S. Barden. 2,053,414; Sept. 8.  
 Hexamethylenetetramine compounds and producing the same. H. Jungmann. 2,059,462; Nov. 3.  
 Hide finishing apparatus. W. B. Quinn. 2,058,502; Oct. 27.  
 Hides and a bate for these purposes, Depilating and bathing. L. Wallerstein and J. Pfannmuller. 2,033,163; Mar. 10.  
 Hides, Soaking of. R. Klein, H. Ulrich, and P. Koerding. 2,043,667; June 9.  
 High compression engine. E. A. Johnston. 2,032,755; Mar. 3.  
 High frequency collecting and radiating structure. M. P. Hanson. 2,044,779; June 23.  
 High frequency distribution system. W. Kautter. 2,054,799; Sept. 22.  
 High frequency generator. R. M. Heintz. 2,026,892; Jan. 7.  
 High frequency receiver. W. Scheppmann. 2,041,433; May 19.  
 High frequency system. N. P. Case. 2,045,569; June 30.  
 High glazed coated fabric, Nonpiping. C. B. Hall. 2,046,944; July 7.  
 High line lead system. R. S. Smilie. 2,055,673; Sept. 29.  
 High line with direct control. M. C. De Wolfe. 2,049,641; Aug. 4.  
 High potential indicator. G. B. Tebo and J. C. Burkholder. 2,061,115; Nov. 17.  
 High power tube. L. A. Gebhard. 2,047,959; July 21.  
 High pressure boiler. H. J. Kerr. 2,032,368; Mar. 3.  
 High pressure gauge. M. Klein and R. A. Tollefsen. 2,044,005; June 16.  
 High resistance material. L. McCulloch. 2,050,357; Aug. 11.  
 High tension generator. W. Dubilier. 2,038,553; Apr. 28.  
 High tension generator. W. Dubilier. 2,047,463; July 14.  
 High voltage relay. R. Lee. 2,047,738; July 14.  
 Highway appliance. P. J. Casey and M. S. Sibley. 2,064,519; Dec. 15.  
 Highway construction. L. J. Pearce. 2,044,498; June 16.  
 Highway patrol system. C. Adler, Jr. 2,051,194; Aug. 18.  
 Highway signal. J. H. Burden. 2,033,024; Mar. 3.  
 Highways, Apparatus for conditioning and maintaining. A. West. 2,045,426; June 23.  
 Hinge: See—  
 Automobile door hinge. Link type hinge.  
 Concealed hinge. Spectacle hinge.  
 Detachable hinge. Spring hinge.  
 Door hinge. Toilet seat hinge.  
 Hood hinge.  
 Hinge. H. D. Adams. 2,032,078; Feb. 25.  
 Hinge. S. B. Cook and R. J. Chonoski. 2,053,864; Sept. 8.  
 Hinge. A. L. Hansen. 2,048,380; July 21.  
 Hinge. G. H. Johnson. 2,033,244; Mar. 10.  
 Hinge. G. F. Maisch. 2,050,891; Aug. 11.  
 Hinge. E. W. North. 2,047,909; July 14.  
 Hinge. O. C. Schmidt. 2,038,087; Apr. 21.  
 Hinge. O. Schreiber. 2,037,269; Oct. 13.  
 Hinge. S. Smith. 2,050,071; Aug. 4.  
 Hinge. H. E. Tatlow. 2,051,428; Aug. 18.  
 Hinge and latch, Combination. N. J. Kroll and S. Kroll. 2,064,839; Dec. 22.  
 Hinge and latch, Washing machine door. W. O. Manley. 2,053,913; Sept. 8.  
 Hinge and mounting therefor, Vehicle door. J. Kiely. 2,044,533; June 16.  
 Hinge and the like. T. E. Horst. 2,065,700; Dec. 29.  
 Hinge construction. H. Raflovich. 2,064,628; Dec. 15.  
 Hinge for automobile and other doors, Concealed. P. Etzel. 2,027,724; Jan. 14.  
 Hinge for doors. G. L. Cerami. 2,035,144; Mar. 24.  
 Hinge for recessed doors. C. F. Mink. 2,058,341; Oct. 20.  
 Hinge for spectacles, eyeglasses and the like. W. D. Eglinton. 2,048,600; July 21.  
 Hinge for toilet seats and covers. V. W. Campbell. 2,060,852; Nov. 17.  
 Hinge leaves, Making. E. C. Abbe. 2,031,244; Feb. 18.  
 Hinge leaves, Making. J. A. Eden, Jr. 2,028,385; Jan. 21.  
 Hinge structure. J. D. Bolecky. 2,032,109; Feb. 25.  
 Hinge structure. W. K. Nelson. 2,054,680; Sept. 15.  
 Hinge structure for automobile bodies, Adjustable. T. N. Solomon. 2,027,888; Jan. 14.  
 Hinges, Making. W. R. Lustig. 2,053,344; Sept. 8.  
 Hitch. S. E. Allen. 2,037,993; Apr. 14.  
 Hitch, Automatic. A. L. Klessig. 2,028,221; Jan. 21.  
 Hitch for tractors, Safety. J. Burggraf. 2,057,229; Oct. 13.  
 Hitch, Gravity compensating. W. H. Goodman. 2,060,196; Nov. 10.  
 Hitch means. V. F. Baumgardner. 2,050,518; Aug. 11.  
 Hitch, Safety. L. O. Orner. 2,041,857; May 26.  
 Hitch, Safety. W. F. Staggers. 2,034,841; Mar. 24.  
 Hitch, Vehicle safety. A. L. Ferguson and H. D. Davis. 2,053,255; Sept. 8.  
 Hitching device. F. P. Willslef. 2,052,065; Aug. 25.  
 Hob. E. C. Head. 2,050,233; Aug. 4.  
 Hob cutters, Method of and machine for producing. H. Schicht. 2,027,621; Jan. 14.  
 Hobbing machine. F. H. Adams and W. H. Staples. 2,048,173; July 21.  
 Hobbing machine. H. R. Hawgood. 2,048,503; July 21.  
 Hobbing machine feeding mechanism. C. H. Schurr. 2,043,012; June 2.  
 Hobs for bevel gears, Forming. J. C. Drader and H. Q. Munn. 2,049,491; Aug. 4.  
 Hobbyhorse. J. D. Jeandell. 2,065,074; Dec. 22.  
 Hoe, Rotary. D. A. Wangelin. 2,028,365; Jan. 21.  
 Hoe, Weeding. J. H. Hall. 2,064,063; Dec. 15.  
 Hog catcher and holder. B. M. Wassenaar. 2,052,813; Sept. 1.  
 Hog drop. F. T. Brewster. 2,052,749; Sept. 1.  
 Hog ring clinching tool. W. F. Whitaker. 2,029,974; Feb. 4.  
 Hogshead. W. S. Luckett. 2,065,320; Dec. 22.  
 Hoist. T. E. Adams. 2,039,870; May 5.  
 Hoist. D. D. McDermott. 2,056,476; Oct. 6.  
 Hoist. E. J. Wadd. 2,053,055; Sept. 1.  
 Hoist attachment, Knee-action. E. F. Baird. 2,045,173; June 23.  
 Hoist, Dumping body. L. S. Wood. 2,034,544; Mar. 17.  
 Hoist for cranes, Boom. E. B. Nickles. 2,051,388; Aug. 18.  
 Hoist for semitrailers. H. W. Helms. 2,027,098; Jan. 7.  
 Hoist for semitrailers. H. W. Helms. 2,045,647; June 30.  
 Hoist, Geared. F. P. Porter. 2,038,196; Apr. 21.  
 Hoist, Overhauling. J. C. Patterson, Jr. 2,042,480; June 2.  
 Hoist, Portable electric automobile. E. B. Thompson. 2,059,059; Oct. 27.  
 Hoist, Traveling. W. H. Ringe. 2,061,044; Nov. 17.  
 Hoist, Trolley. B. F. Fitch. 2,063,914; Dec. 15.  
 Hoist, Trolley. R. A. Norbom. 2,063,943; Dec. 15.  
 Hoisting apparatus. S. Levinstam. 2,055,902; Sept. 29.  
 Hoisting apparatus. J. C. Smaltz. 2,045,533; June 23.  
 Hoisting apparatus. J. E. Webster. 2,030,128; Feb. 11.  
 Hoisting block. M. Niemi. 2,061,083; Nov. 17.  
 Hoisting machine, Portable. N. S. Black. 2,035,294; Mar. 24.  
 Hoisting mechanism. W. T. Dalton. 2,036,568; Apr. 7.  
 Hold-down device for automobiles. K. J. Tobin. 2,055,829; Sept. 29.  
 Hold-down device for vehicles or other articles. J. S. Wilson, C. W. Millspaugh, and E. G. Overmire. 2,047,503; July 14.  
 Hold-down for shears and the like. H. H. Rogers. 2,056,487; Oct. 6.  
 Hold-fast device. G. M. Doebert. 2,038,029; Apr. 21.



## Holder: See—

Abradant holder.  
 Basin holder.  
 Bit and tool holder.  
 Book end holder.  
 Book holder.  
 Book or sheet holder.  
 Bottle holder.  
 Bouquet holder.  
 Brush holder.  
 Candle holder.  
 Carbon holder.  
 Card and display holder.  
 Card holder.  
 Cigar box lid holder.  
 Cigarette and cigar holder.  
 Cigarette holder.  
 Cigarette package holder.  
 Collar holder.  
 Color screen holder.  
 Condiment holder.  
 Container holder.  
 Cop-tube holder.  
 Copy and book holder.  
 Copy holder.  
 Cow tail holder.  
 Cow's tail holder.  
 Cravat holder.  
 Crayon holder.  
 Crystal holder.  
 Currency holder.  
 Dental flask holder.  
 Dental floss holder.  
 Dental matrix holder.  
 Dental X-ray film holder.  
 Die holder.  
 Display holder.  
 Door holder.  
 Egg holder.  
 Electrode holder.  
 Eraser holder.  
 Filter glass holder.  
 Fishline reel holder.  
 Fish holder.  
 Fishing rod holder.  
 Flag holder.  
 Floating tool holder.  
 Flower holder.  
 Fluid sample holder.  
 Garment holder.  
 Gas holder.  
 Gauge holder.  
 Guard rail holder.  
 Hat holder.  
 Identification card holder.  
 Jar holder.  
 Key holder.  
 Lamp socket holder.  
 License plate holder.  
 Light and flower holder.  
 Line holder.  
 Lingerie tape holder.  
 Lipstick holder.  
 Loose match holder.  
 Meat holder.  
 Milk bottle holder.  
 Milk strainer holder.  
 Mop holder.  
 Necktie holder.  
 Nipple and bottle holder.  
 Ornament holder.  
 Packing and display merchandise holder.  
 Paper holder.  
 Pencil holder.  
 Periodical holder.  
 Photograph film holder.  
 Piepan holder.  
 Price card holder.  
 Price tag holder.  
 Price ticket holder.  
 Razor blade holder.  
 Roll holder.  
 Safety jar holder.  
 Sash holder.  
 Scarf holder.  
 Screw holder.  
 Shade holder.  
 Shaving tool holder.  
 Shirt holder.  
 Shoe holder.  
 Shoe last holder.  
 Sleeve holder.  
 Slide holder.  
 Soap holder.  
 Shoulder strap holder.  
 Socket and support-holder.  
 Socket holder.  
 Spectacle case holder.  
 Spool holder.  
 Spring key holder.  
 Stenotype copy holder.  
 Stick holder.  
 Strap holder.  
 Suction holder.  
 Tablet holder.  
 Tag holder.  
 Telephone stand holder.  
 Ticket holder.  
 Tie holder.  
 Tool holder.  
 Tooth brush and tooth paste holder.  
 Toothbrush holder.  
 Towel holder.  
 Towel or cloth holder.  
 Tree holder.  
 Violin holder.  
 Watch holder.  
 Waterless gas holder.  
 Wheel holder.  
 Window sash holder.  
 Work-holder.  
 Holder. L. A. Anderson. 2,029,977; Feb. 4.  
 Holder. C. H. Cote. 2,039,779; May 5.  
 Holder. C. Flack. 2,041,174; May 19.  
 Holder. G. H. Koch. 2,051,722; Aug. 18.  
 Holder. J. R. Thomas. 2,036,107; Mar. 31.  
 Holder. C. A. Wineholt. 2,056,878; Oct. 6.  
 Holder and bit, Drawbolt tool. O. Severson. 2,063,129; Dec. 8.  
 Holder and cutter, Roll paper. T. C. Johnson. 2,035,704; Mar. 31.  
 Holder and dispenser, Milk can. F. Hackl. 2,040,087; May 12.  
 Holder and dispenser, Paste. R. H. and E. Schwalm. 2,048,714; July 28.  
 Holder and dispenser, Toilet paper. F. J. Hall. 2,031,772; Feb. 25.  
 Holder and display stand, Combined. H. L. Moore. 2,062,916; Dec. 1.  
 Holder and guard, Fishhook. P. Drake and F. Hairston. 2,046,370; July 7.  
 Holder and knife guide, Combination sandwich. L. N. Sanger. 2,057,250; Oct. 13.  
 Holder and lockbox, Milk bottle. J. H. McManus. 2,041,257; May 19.  
 Holder and lock therefor, Combined milk bottle. S. A. Danna. 2,038,421; Apr. 21.  
 Holder and post, Tool. C. A. Widmer. 2,050,594; Aug. 11.  
 Holder and spraying device, Liquid film. J. A. Logan. 2,048,128; July 21.  
 Holder and take-up for electric irons, Cord. E. F. Craig. 2,047,060; July 7.  
 Holder and top remover, Combination jar. F. F. Girard. 2,057,614; Oct. 13.  
 Holder and type therefor, Rubber type. J. R. Swift and R. W. Redin. 2,041,499; May 19.  
 Holder and wiper. P. J. Haas. 2,042,255; May 26.  
 Holder, especially for holiday wreaths, Electric light. A. J. Barocas. 2,033,173; Mar. 10.  
 Holder for cans, etc., Sign. G. Turbush. 2,042,813; June 2.  
 Holder for catheters, Permanent. F. Schmidt. 2,046,094; June 30.

Holder for Christmas trees or other objects. W. E. Allerton. 2,028,129; Jan. 21.  
 Holder for cinematograph films and the like. G. W. Ford. 2,048,691; July 28.  
 Holder for collapsible tubes. R. Oldfield. 2,065,016; Dec. 22.  
 Holder for cups and similar articles. F. A. Schafer. 2,052,847; Sept. 1.  
 Holder for cutting-off tools and the like, Elastic. P. Brüning. 2,065,966; Dec. 29.  
 Holder for dental floss and the like. R. Sonnenberg. 2,052,520; Aug. 25.  
 Holder for dental instruments. P. Witt. 2,033,662; Mar. 10.  
 Holder for dental thread or floss. G. Barsch. 2,047,456; July 14.  
 Holder for disposable receptacles. A. Gosselin. 2,062,023; Nov. 24.  
 Holder for edibles. F. H. Owens. 2,039,830; May 5.  
 Holder for electrical apparatus, Brush. A. Stoppany. 2,039,196; Apr. 28.  
 Holder for graphophones, Record. H. A. Yeider. 2,063,573; Dec. 8.  
 Holder for hairdressers, Hairpin. C. M. Miller. 2,058,340; Oct. 20.  
 Holder for kneeling pads. A. Furtzaig. 2,052,973; Sept. 1.  
 Holder for lipsticks, etc. J. W. Lehmann. 2,055,414; Sept. 22.  
 Holder for lip sticks or cosmetic sticks. R. Z. Hanssen. 2,032,984; Mar. 3.  
 Holder for lip sticks or the like. I. Florman. 2,043,890; June 9.  
 Holder for match packages. K. Landauer. 2,028,460; Jan. 21.  
 Holder for milk and other bottles, Trap. C. L. Knapp. 2,042,605; June 2.  
 Holder for newspapers or the like. F. F. Murray. 2,061,434; Nov. 17.  
 Holder for nursing bottles. W. P. Porter. 2,033,296; Mar. 10.  
 Holder for piezoelectric crystals. H. J. Scott. 2,047,387; July 14.  
 Holder for razor blades. F. S. Flagg. 2,056,717; Oct. 6.  
 Holder for razor blades. J. H. Reehr. 2,038,385; Apr. 21.  
 Holder for razor blades, Stroking. C. E. Edwards. 2,031,471; Feb. 18.  
 Holder for road crossings, Lantern. W. A. Lowe. 2,051,527; Aug. 18.  
 Holder for sausage casings, String. H. J. Jaworski. 2,063,681; Dec. 8.  
 Holder for sharpening razor blades. T. B. McDiarmid. 2,041,010; May 19.  
 Holder for shopping bags. H. O. Becklin. 2,041,691; May 26.  
 Holder for snelled fishing hooks. H. E. Collins. 2,041,231-2; May 19.  
 Holder for the caps of containers. P. P. Mülhens. 2,036,351; Apr. 7.  
 Holder for threads, cords, lines, wires, fly-casts and the like. H. D. Winchester. 2,029,975; Feb. 4.  
 Holder for toilet articles. J. M. Spinks. 2,028,694; Jan. 21.  
 Holder for toilet articles. H. Winther. 2,062,852; Dec. 1.  
 Holder for toothbrushes, Dental floss. J. Novick. 2,029,031; Jan. 28.  
 Holder for tubular supports for coils of strand materials. W. Siegenthaler. 2,042,968; June 2.  
 Holder for umbrellas. J. P. Lane. 2,028,337; Jan. 21.  
 Holder for yarn spools and the like. W. Geldner. 2,062,648; Dec. 1.  
 Holder, thread cutter, and needle holder, Combination thread. C. Waseen. 2,058,536; Oct. 27.  
 Holders, Apparatus for making candle. L. Weiss. 2,037,186; Apr. 14.  
 Holders, Manufacturing corn and other vegetable. J. Edgar. 2,058,966; Oct. 27.  
 Holding device. C. A. Brinkman. 2,027,667; Jan. 14.  
 Holding device. G. Ullmann. 2,056,437; Oct. 6.  
 Holding device for collar studs. F. Hübner, née Hildebrandt. 2,054,379; Sept. 15.  
 Holding device for lamp shade frames. V. J. Watral. 2,058,847; Oct. 27.  
 Holding device for shoe heels. T. L. Myers. 2,047,645; July 14.  
 Holding down device for ice cans. G. M. Kleucker. 2,061,381; Nov. 17.  
 Holding means for locking elements. R. Erling. 2,043,993; June 16.  
 Hole bridge and support, Open. J. D. Hughes. 2,050,970; Aug. 11.  
 Hole, Plugged telltale. S. F. Henry. 2,042,309; May 26.  
 Hollow article, Producing. C. C. Smith. 2,066,304; Dec. 29.  
 Hollow articles, Apparatus for making. J. G. C. Mantle. 2,050,227; Aug. 4.  
 Hollow articles, Making. J. G. C. Mantle. 2,044,710; June 16.  
 Hollow bodies of reinforced concrete, Method and apparatus for the manufacture of. E. Freyssinet. 2,048,253; July 21.  
 Hollow building block. G. Slayter, J. S. Irvine, and J. H. Thomas, Jr. 2,034,925; Mar. 24.  
 Hollow pieces, Apparatus for and method of shearing. W. Worthington. 2,038,255; Apr. 21.



- Holster, R. H. Hoyt. 2,037,132; Apr. 14.  
 Holster, Pistol. C. W. Fink. 2,049,293; July 28.  
 Holster, Pistol. S. G. Green. 2,051,844; Aug. 25.  
 Homogeneous mixtures of pulverized heterogeneous materials, Packing. P. F. Collins. 2,046,367; July 7.  
 Homogeneous solutions of cellulose in acids, and preparing artificial products therefrom, Preparing. J. C. De Noolj and D. J. Gerritsen. 2,035,148; Mar. 24.  
 Homogenizer. M. Cornell. 2,042,880; June 2.  
 Homogenizer. B. Trudel and O. Michael. 2,046,223; June 30.  
 Honey gate. E. Fahlbeck. 2,042,772; June 2.  
 Honey whip. A. A. Lund. 2,052,358; Aug. 25.  
 Honing tool. K. W. Connor and A. Bleasdale. 2,028,648; Jan. 21.  
 Honing tool. F. L. Gillett and J. S. Morgan. 2,031,156; Feb. 18.  
 Hood capping container. W. R. Wright and L. D. Pierce. 2,047,846; July 14.  
 Hood clamping device. C. Butler. 2,060,026; Nov. 10.  
 Hood construction. W. J. Hall. 2,058,867; Oct. 27.  
 Hood, Electrically operated welder's. H. F. Montague. 2,058,169; Oct. 20.  
 Hood fitting for motor and other vehicles. G. Salmons and A. H. Dalby-Balls. 2,066,231; Dec. 29.  
 Hood for car dumpers. A. F. Case. 2,062,503; Dec. 1.  
 Hood for car dumpers. A. F. Case and J. P. Doyle. 2,062,501-2; Dec. 1.  
 Hood for drying hair. G. Ducart. 2,042,592; June 2.  
 Hood for garments, Invisible. O. Rosen. 2,036,609; Apr. 7.  
 Hood for the rumble seat of automobiles, Removable. L. F. C. Hart. 2,028,209; Jan. 21.  
 Hood for vehicles. F. B. S. Grimston. 2,051,140; Aug. 18.  
 Hood hinge. W. J. Hall. 2,034,810; Mar. 24.  
 Hood latch. S. De Orlow. 2,054,929; Sept. 22.  
 Hood latch. N. A. Mears. 2,026,695; Jan. 7.  
 Hood latch. C. A. Sigel. 2,063,635; Dec. 8.  
 Hook: See—  
     Baguette hook. Safety scotch hook.  
     Curtain and drapery hook. Snap hook.  
     Leather supporting hook. Spring hook.  
     Rotary hook. Trap hook.  
     Safety coupling hook. Wardrobe hook.  
     Safety hook.  
 Hook. F. Fisher. 2,037,320; Apr. 14.  
 Hook. I. Nagamatsu. 2,038,851; Apr. 28.  
 Hook fastener. C. L. Sheldon. 2,028,020; Jan. 14.  
 Hook for sewing machines, Rotary. C. C. Smith. 2,035,928; Mar. 31.  
 Hook holder for fish poles. R. C. Rupp. 2,028,477; Jan. 21.  
 Hoop joint, Rivetless. H. C. Brainard. 2,057,291; Oct. 13.  
 Hopper. J. S. Bennett. 2,052,959; Sept. 1.  
 Hopper. J. S. Bennett. 2,053,862; Sept. 8.  
 Hopper. J. T. Chambers and W. Lehman. 2,061,563; Nov. 24.  
 Hopper. H. W. Thornburg. 2,040,111; May 12.  
 Hopper. J. H. Walter. 2,056,239; Oct. 6.  
 Hopper and delivery mechanism for straw packaging machines and the like, Straw. J. J. Toolan. 2,046,800; July 7.  
 Hopper bottom closure. R. E. Cartzdafner. 2,051,985; Aug. 25.  
 Hopper doorframe. W. E. Wine. 2,057,757; Oct. 20.  
 Hopper feed. A. J. Lewis. 2,065,319; Dec. 22.  
 Hopper for slugs or caps. E. H. Barker. 2,033,090; Mar. 3.  
 Hopper for telephone toll collecting apparatus, Coin. G. A. Long. 2,026,983; Jan. 7.  
 Hopper, Grain drill. K. M. Keith and O. J. Parks. 2,053,796; Sept. 8.  
 Hopper holding means for battery looms. W. H. Bahan. 2,033,971; Mar. 17.  
 Hopper, Safety. O. F. Pedersen. 2,065,019; Dec. 22.  
 Horizon, Artificial. B. G. Carlson. 2,044,150; June 16.  
 Horizon, Artificial. E. A. Sperry, Jr., B. G. Carlson, and M. F. Bates. 2,044,151; June 16.  
 Horizon determining means, Sight line. O. Eppenstein. 2,040,171; May 12.  
 Horizon for aircraft, Artificial. B. G. Carlson. 2,027,808; Jan. 14.  
 Hormone. F. Laquer and H. Weyland. 2,035,557; Mar. 31.  
 Hormone and obtaining the same. E. A. Doisy and P. A. Katzman. 2,035,642; Mar. 31.  
 Hormone compounds, Production of. W. Dirscherl. 2,045,702; June 30.  
 Hormone derivatives, Sexual. L. Ach and W. Dirscherl. 2,031,581; Feb. 25.  
 Hormone dry preparations in a solid condition and preparing them, Stable. M. Bockmühl, F. Lindner, and O. Schaumann. 2,050,558; Aug. 11.  
 Hormone hydrates, Producing follicle. F. Hildebrandt and E. Schwenk. 2,039,414; May 5.  
 Hormone, Isolation and purification of the gonad stimulating. F. L. Hisaw and H. L. Fevold. 2,030,210; Feb. 11.  
 Hormone preparations of high purity, Production of. E. Schwenk and F. Hildebrandt. 2,046,656; July 7.  
 Hormone, Preparing gonad stimulating. A. E. Meyer. 2,027,446; Jan. 14.  
 Hormone-quinoline addition product, Manufacture of a follicle. 2,047,307; July 14.  
 Hormones and obtaining the same, Adrenal. M. A. Goldzieher. 2,048,545; July 21.  
 Hormones, Isolation and purification of. F. L. Hisaw and H. L. Fevold. 2,030,209; Feb. 11.  
 Hormones, Purifying. M. Hartmann and A. Wettstein. 2,062,904; Dec. 1.  
 Horn, Air. R. M. Critchfield. 2,042,881; June 2.  
 Horn, Diaphragm. F. Von Voigtlander. 2,039,694; May 5.  
 Horn, Electric. G. Zeininger. 2,048,984; July 28.  
 Horn, Electric Vacuum. H. C. Heath. 2,041,925; May 26.  
 Horn, Electromagnetic. R. M. Critchfield. 2,055,376; Sept. 22.  
 Horn, Signaling. L. V. Grover. 2,033,426; Mar. 10.  
 Horn system. H. Heuber and E. C. Horton. 2,039,717; May 5.  
 Horological device. J. Machek. 2,061,665; Nov. 24.  
 Horological instrument and related devices. S. W. Boggs. 2,056,089; Sept. 29.  
 Horse collar. J. J. Willman. 2,045,432; June 23.  
 Horse collar pad. A. Reed. 2,037,591; Apr. 14.  
 Horse, Exercising hobby. W. D. Osborn. 2,050,500; Aug. 11.  
 Horseshoe. G. Gash and C. M. Godby. 2,041,538; May 19.  
 Horseshoe. M. Steinmetz. 2,056,373; Oct. 6.  
 Horseshoe. C. Swanstrom. 2,043,358-9; June 9.  
 Horseshoe calk. E. M. Gardner. 2,041,825; May 26.  
 Horseshoe, Four-point pitching. W. F. Madison. 2,059,378; Nov. 3.  
 Horseshoe, Pitching. M. Flick. 2,045,845; June 30.  
 Hose. C. W. Greene. 2,034,654; Mar. 17.  
 Hose. W. Warr. 2,033,559; Mar. 10.  
 Hose and making the same, Spun tubular. A. Petersen. 2,057,789; Oct. 20.  
 Hose and supporter. E. F. Gaines. 2,035,469; Mar. 31.  
 Hose attaching device. V. Buchanan. 2,030,570; Feb. 11.  
 Hose clamp. D. S. Kellam. 2,064,919; Dec. 22.  
 Hose clip. J. G. Tompkins. 2,047,044; July 7.  
 Hose connector, Quick acting. H. A. Sharon. 2,052,038; Aug. 25.  
 Hose construction. C. M. C. Baird. 2,035,736; Mar. 31.  
 Hose coupling. D. B. Gish. 2,048,116; July 21.  
 Hose coupling. J. R. Heidloff. 2,038,217; Apr. 21.  
 Hose coupling. C. W. A. Koelkebeck. 2,064,014; Dec. 15.  
 Hose coupling. W. A. Smith, Sr. 2,047,714; July 14.  
 Hose coupling. J. W. Walsh. 2,034,644; Mar. 17.  
 Hose coupling for tires, Air. H. O. Bowser. 2,027,956; Jan. 14.  
 Hose coupling, Renewable. J. P. Eastman. 2,031,825; Feb. 25.  
 Hose coupling thread terminus indicator. J. C. Schellin. 2,029,798; Feb. 4.  
 Hose display rack. W. F. J. Anderl. 2,048,586; July 21.  
 Hose fitting. A. Brunner. 2,028,316; Jan. 21.  
 Hose for air lines, Manufacturing rubber. A. B. Chambers. 2,045,123; June 23.  
 Hose for high pressure hydraulic braking systems, Flexible. R. Laguidara. 2,044,887; June 23.  
 Hose holding stand. J. A. Skoglund. 2,045,336; June 23.  
 Hose, Reinforced. J. E. Davis. 2,047,770; July 14.  
 Hose support. E. G. Adams. 2,060,390; Nov. 10.  
 Hose support. E. S. Mousseau. 2,031,278; Feb. 18.  
 Hose support, Flexible. J. C. G. Maxwell. 2,030,218; Feb. 11.  
 Hosiery. H. Hardie. 2,049,803; Aug. 4.  
 Hosiery. P. Krenkel. 2,036,702; Apr. 7.  
 Hosiery. N. Levin. 2,038,900; Apr. 28.  
 Hosiery. W. J. Longtin. 2,054,059; Sept. 8.  
 Hosiery. C. A. Riggs. 2,039,931; May 5.  
 Hosiery and making the same. J. H. Baugh. 2,044,966; June 23.  
 Hosiery and making the same. C. G. Erickson. 2,053,468; Sept. 8.  
 Hosiery and making the same. J. A. Goodman. 2,059,097; Oct. 27.  
 Hosiery and manufacture therefor, Weltless, full-fashioned. J. M. Botts. 2,042,582; June 2.  
 Hosiery and the production thereof, Full-fashioned. H. N. Goodman and C. Carrington. 2,051,167; Aug. 18.  
 Hosiery drier. J. F. Reinert. 2,032,310; Feb. 25.  
 Hosiery drying apparatus. T. W. Prosser and J. H. Wahlbeck. 2,060,895; Nov. 17.  
 Hosiery drying form. R. Weber. 2,027,712; Jan. 14.  
 Hosiery knitting machine, Full fashioned. H. B. Snader. 2,030,477; Feb. 11.  
 Hosiery, Making. P. Lieberknecht. 2,027,781; Jan. 14.  
 Hosiery, Making. C. A. Riggs. 2,039,932; May 5.  
 Hosiery, Making. G. S. Van Voorhis. 2,066,282; Dec. 29.  
 Hosiery, Making shaped. E. E. Carlson. 2,039,283; May 5.  
 Hosiery, Manufacture of. P. Lieberknecht. 2,065,979; Dec. 29.  
 Hosiery, Run-proof or run-resistant flat-knit. E. E. Carlson. 2,049,994; Aug. 4.  
 Hosiery toe fabric. D. Sickerott. 2,031,432; Feb. 18.  
 Hosiery, Top construction for. J. A. Goodman. 2,040,736; May 12.  
 Hot air apparatus. W. A. Spear. 2,043,934; June 9.  
 Hot air furnace. D. J. Luty. 2,063,321; Dec. 8.  
 Hot blast valve. G. Fox. 2,064,201; Dec. 15.  
 Hot gas valve. L. Elgaard. 2,029,864; Feb. 4.  
 Hothouse. J. I. Atkinson. 2,046,600-1; July 7.



- Hot plate and making same, Electric. C. B. Backer; 2,042,203; May 26.
- Hot top. E. J. and W. A. Turner. 2,049,980-2; Aug. 4.
- Hot top and lining therefor. W. M. Charman. 2,029,058; Jan. 28.
- Hot water heater. J. Keegan and T. Wadge. 2,041,071; May 19.
- Hot water storage tank. H. Del Mar. 2,054,791; Sept. 22.
- House and building construction, Prefabricated. R. W. McLaughlin, Jr. 2,034,265; Mar. 17.
- House, Cloth. J. K. Morrison. 2,051,643; Aug. 18.
- House, Drying. F. H. Smith. 2,051,348; Aug. 18.
- Household appliance. D. M. Dow. 2,037,890; Apr. 21.
- Household appliance. C. P. Henry and L. D. Batman. 2,059,347; Nov. 3.
- Household mixer. H. C. Wright. 2,038,256; Apr. 21.
- Household steam boiler. O. A. Hellig. 2,046,455; July 7.
- House, Sectional ready made. R. W. Stencel. 2,034,215; Mar. 17.
- House, Slat. K. G. Wirick. 2,031,402; Feb. 18.
- Houses and the like, Erecting prefabricated. A. Burns. 2,048,537; July 21.
- Houses with displaced gangways, Row of. H. Bartling. 2,026,664; Jan. 7.
- Housing, Combined fender and lamp. P. Peterson. 2,060,527; Nov. 10.
- Housing, Electrode. W. S. Hough. 2,045,229; June 23.
- Housing for combined sound and motion-picture projectors. P. S. Malickson. 2,041,845; May 26.
- Housing for electrodic instruments. H. S. Rubens. 2,057,116; Oct. 13.
- Housing for mowers and the like, Bearing. G. J. Owens. 2,065,869; Dec. 29.
- Housing for projectors, Lamp and lens. A. D. Eitzen. 2,028,505; Jan. 21.
- Housing for pyrometer devices, Water-cooled. W. C. Hogg, T. C. King and L. Rumford. 2,056,672; Oct. 6.
- Housing for rolling mills. J. Gassen. 2,045,768; June 30.
- Housing for valves or other chambers. W. Paulus. 2,055,445; Sept. 22.
- Housing structure. C. W. Moore. 2,049,658; Aug. 4.
- Housings, Making combined fender and lamp. P. Peterson. 2,053,204; Sept. 1.
- Housings, Making sheet metal. R. Polivka and R. C. Wendell. 2,060,893; Nov. 17.
- Hub brake. R. E. Sauzedde. 2,038,608; Apr. 28.
- Hub cap. J. L. Martin. 2,050,107; Aug. 4.
- Hub cap and cover. R. S. Begg. 2,031,092; Feb. 18.
- Hub, Chair base. W. F. Herold. 2,065,699; Dec. 29.
- Hub device, Auxiliary. J. A. Luke. 2,066,046; Dec. 29.
- Hub for cycles, Free-wheel. G. Wilmlink. 2,034,320; Mar. 17.
- Hub, Gear. M. J. Zimmer. 2,049,727; Aug. 4.
- Hub lamp. B. S. Hamer. 2,027,478; Jan. 14.
- Hub with coaster brake and brake-locking device. Free-wheel. F. Winkler. 2,041,893; May 26.
- Huller. T. R. Alley and J. D. Alley. 2,046,993; July 7.
- Huller, Nut. G. F. Maiers. 2,052,718; Sept. 1.
- Huller, Walnut. W. C. Anderson. 2,031,810; Feb. 25.
- Hulling and beating apparatus. A. Loft. 2,048,345; July 21.
- Humidification. J. W. Mitchell. 2,045,717; June 30.
- Humidifier. S. O. Berven. 2,043,647; June 9.
- Humidifier. E. D. Betts. 2,049,731; Aug. 4.
- Humidifier. R. J. Byrd. 2,047,767; July 14.
- Humidifier. W. Feldermann. 2,028,444; Jan. 21.
- Humidifier. A. C. Gilbert. 2,047,025; July 7.
- Humidifier. W. B. Hodge. 2,057,236; Oct. 13.
- Humidifier. L. W. Hoyt. 2,045,653; June 30.
- Humidifier. L. Kresser. 2,030,453; Feb. 11.
- Humidifier. C. A. McElvain. 2,048,017; July 21.
- Humidifier. S. W. Mears. 2,054,705; Sept. 15.
- Humidifier. L. V. Roberts and D. Chalmers. 2,030,155; Feb. 11.
- Humidifier. H. G. Ross. 2,032,634; Mar. 3.
- Humidifier. C. E. Russell. 2,041,491; May 19.
- Humidifier. G. W. Skilbeck. 2,034,886; Mar. 24.
- Humidifier. W. E. Stark. 2,059,408; Nov. 3.
- Humidifier. E. L. Tornquist. 2,038,773; Apr. 28.
- Humidifier apparatus. L. Kresser. 2,030,454; Feb. 11.
- Humidifier bottom. O. S. Elliott. 2,036,930; Apr. 7.
- Humidifying apparatus. A. L. Browne. 2,034,743; Mar. 24.
- Humidifying apparatus. A. U. Jones. 2,065,707; Dec. 29.
- Humidifying apparatus. B. Michalski. 2,042,185; May 26.
- Humidifying apparatus. E. Southworth. 2,060,257; Nov. 10.
- Humidifying apparatus. E. Southworth and G. Whitney. 2,060,258; Nov. 10.
- Humidifying system. C. J. Lehn. 2,031,220; Feb. 18.
- Humidity and temperature control for incubation. H. C. Ross. 2,026,801; Jan. 7.
- Humidity and temperature recording apparatus, Relative. B. H. Duvander. 2,037,409; Apr. 14.
- Humidity apparatus. U. O. Hutton. 2,061,424; Nov. 17.
- Humidity measuring device. H. Kott. 2,047,638; July 14.
- Humidity regulated dried. A. Barnsteiner. 2,050,254; Aug. 11.
- Humidity responsive device. M. E. Fiene. 2,064,651; Dec. 15.
- Humidor. E. P. Jasper. 2,058,800; Oct. 27.
- Humidostat. F. A. Pearson. 2,046,480; July 7.
- Humidostat. E. J. Rohne. 2,064,948; Dec. 22.
- Husker, Green corn. E. G. Bauer. 2,056,556; Oct. 6.
- Hydrant, Fire. H. M. Lofton. 2,032,881; Mar. 3.
- Hydrant, Portable irrigation. J. O. Tow. 2,051,919; Aug. 25.
- Hydrated article and making. J. E. Olson. 2,041,143; May 19.
- Hydrating, Apparatus for. B. F. Bird. 2,039,769; May 5.
- Hydrator, Vegetable. J. O. Matteson and R. H. Guyton. 2,050,353; Aug. 11.
- Hydraulic actuating means. W. Noble. 2,063,882; Dec. 8.
- Hydraulic actuating mechanism for domestic laundry appliances. J. T. Hume. 2,030,256-7; Feb. 11.
- Hydraulic apparatus. J. H. Kerber. 2,031,166; Feb. 18.
- Hydraulic apparatus, particularly for vehicle braking systems. W. Ormsby. 2,036,536; Apr. 7.
- Hydraulic brake. H. W. Ball, J. Kloss, and O. S. Jeffries. 2,065,259; Dec. 22.
- Hydraulic brake. H. C. Bowen. 2,065,044; Dec. 22.
- Hydraulic brake. W. G. Doyle. 2,029,096; Jan. 28.
- Hydraulic brake. C. E. Fisher. 2,043,039; June 2.
- Hydraulic brake. C. L. Gilstrap, H. T. Smith, and F. L. Ralston. 2,061,763; Nov. 24.
- Hydraulic brake. A. A. Lane. 2,055,297; Sept. 22.
- Hydraulic brake. E. F. Loweke. 2,037,474; Apr. 14.
- Hydraulic brake. H. E. Marsh. 2,030,308; Feb. 11.
- Hydraulic brake. W. F. Oliver. 2,054,862; Sept. 22.
- Hydraulic brake. W. F. Oliver. 2,065,017; Dec. 22.
- Hydraulic check. C. N. Mitchell. 2,038,588; Apr. 28.
- Hydraulic cheese press. J. L. Steinbach. 2,054,304; Sept. 15.
- Hydraulic clutch. H. C. Lee. 2,050,955; Aug. 11.
- Hydraulic clutch. F. E. Staats. 2,035,514; Mar. 31.
- Hydraulic continuous press. W. C. Richardson. 2,057,312; Oct. 13.
- Hydraulic control mechanism. F. S. Haas and R. L. Goetzel. 2,040,990; May 19.
- Hydraulic controller. H. S. Morton. 2,047,832; July 14.
- Hydraulic coupling. N. L. Alison. 2,062,281; Dec. 1.
- Hydraulic coupling. K. Baumann and H. Sinclair. 2,031,521; Feb. 18.
- Hydraulic coupling. H. Sinclair. 2,046,703; July 7.
- Hydraulic coupling. F. B. Yingling. 2,050,550; Aug. 11.
- Hydraulic device for oil well pumping. M. Kahr and J. S. Kahr. 2,027,104; Jan. 7.
- Hydraulic disengaging coupling. H. Rösle and E. Seibold. 2,045,615; June 30.
- Hydraulic drilling machine. E. J. Hirvonen. 2,066,109; Dec. 29.
- Hydraulic equalizing means for vehicle brakes. J. E. Huise. 2,054,752; Sept. 15.
- Hydraulic heat regulator. M. Olson. 2,029,440; Feb. 4.
- Hydraulic jack. S. E. Anderson. 2,037,298; Apr. 14.
- Hydraulic jack. F. Anguish. 2,028,817; Jan. 28.
- Hydraulic jack. C. Carman. 2,034,605; Mar. 17.
- Hydraulic jack. E. F. Green. 2,039,895; May 5.
- Hydraulic jack. R. M. Lindsay. 2,052,781; Sept. 1.
- Hydraulic jack. J. J. Mueller. 2,042,727; June 2.
- Hydraulic jack. R. W. Werner. 2,038,974; Apr. 28.
- Hydraulic jack, Quick action. W. G. Stephens. 2,049,335; July 28.
- Hydraulic machine. C. Fuchs. 2,055,196; Sept. 22.
- Hydraulic machine, Sealable adjustable blade. R. E. B. Sharp. 2,054,142; Sept. 15.
- Hydraulic material elevator. M. C. Lord. 2,044,088; June 16.
- Hydraulic mechanism. P. Patterson. 2,061,670; Nov. 24.
- Hydraulic operating device. T. W. Driesch. 2,036,797; Apr. 7.
- Hydraulic operator. T. W. Driesch. 2,036,798; Apr. 7.
- Hydraulic power apparatus. L. F. Moody. 2,064,313; Dec. 15.
- Hydraulic power device. W. R. Morris. 2,058,613; Oct. 27.
- Hydraulic press. J. K. Douglas and G. L. Heiden. 2,029,708; Feb. 4.
- Hydraulic press. L. A. Melin. 2,040,394; May 12.
- Hydraulic press. J. B. Middaugh. 2,030,928; Feb. 18.
- Hydraulic press. L. A. Molin. 2,030,387; Feb. 11.
- Hydraulic press. T. F. Stacy. 2,062,043; Nov. 24.
- Hydraulic press. W. A. Wilhelm. 2,055,831; Sept. 29.
- Hydraulic press system. T. F. Stacy. 2,034,157; Mar. 17.
- Hydraulic pump. M. E. Erskine and W. Reinhardt. 2,035,465; Mar. 31.
- Hydraulic ram apparatus. J. P. Watson. 2,033,017; Mar. 3.
- Hydraulic regulating mechanism. A. Rosch. 2,057,596; Oct. 13.
- Hydraulic system. T. F. Stacy. 2,062,196; Nov. 24.
- Hydraulic system for jacks. W. F. Oliver. 2,035,336; Mar. 24.
- Hydraulic testing machine. F. W. Preston. 2,048,027; July 21.
- Hydraulic testing machine, Portable. E. L. Ragonnet. 2,053,205; Sept. 1.
- Hydraulic transmission. J. K. Douglas. 2,026,776; Jan. 7.
- Hydraulic transmission. J. K. Douglas. 2,056,896; Oct. 6.
- Hydraulic transmission. R. K. Jack. 2,030,299; Feb. 11.
- Hydraulic valve. L. C. Galleher. 2,051,137; Aug. 18.
- Hydraulic valve gear. W. Noble. 2,063,881; Dec. 8.
- Hydraulically or liquid pressure operated brake. E. B. Boughton. 2,031,360; Feb. 18.



- Hydrocarbon derivative, Sulphonated. F. B. Downing and R. G. Clarkson. 2,061,618; Nov. 24.
- Hydrocarbon derivatives, Production of. K. S. Jackson, G. E. Wainwright and H. R. Hailes. 2,055,929; Sept. 29.
- Hydrocarbon derivatives, useful as wetting and cleansing agents, Sulphonated aliphatic. F. B. Downing and R. G. Clarkson. 2,061,619; Nov. 24.
- Hydrocarbon distillate, Sweetening a sour. D. L. Yabroff and J. W. Givens. 2,059,075; Oct. 27.
- Hydrocarbon distillates, Treatment of cracked. H. V. Atwell. 2,042,448; June 2.
- Hydrocarbon material and apparatus therefor, Treatment of. S. P. Miller. 2,040,099; May 12.
- Hydrocarbon material and coke oven for practicing said process, Process of coking. A. H. Gallaher. 2,029,865; Feb. 4.
- Hydrocarbon mixtures, Improving. M. Pier, F. Christmann, and E. Donath. 2,049,019; July 28.
- Hydrocarbon oils, Dewaxing. D. B. Banks and P. D. Barton. 2,059,166; Oct. 27.
- Hydrocarbon oxygen compounds, Producing. J. C. Walker. 2,042,134; May 26.
- Hydrocarbon products from acid sludge, Preparing valuable. F. W. Sullivan, Jr. 2,036,973; Apr. 7.
- Hydrocarbon treating process. J. A. Guyer. 2,051,335; Aug. 18.
- Hydrocarbons, Altering the boiling points of. R. E. Burk. 2,033,878; Mar. 10.
- Hydrocarbons and preparing them, Sulphurized unsaturated aliphatic. A. S. Carter and F. B. Downing. 2,061,019; Nov. 17.
- Hydrocarbons, Apparatus for partial oxidation of. S. P. Burke. 2,044,665; June 16.
- Hydrocarbons, Chlorinating. L. H. Clark. 2,064,413; Dec. 15.
- Hydrocarbons, Coking. W. W. Johnson. 2,059,734; Nov. 3.
- Hydrocarbons, Coking. R. S. Petersen and C. W. Andrews. 2,039,835; May 5.
- Hydrocarbons, Coking liquid. C. W. Andrews and R. S. Petersen. 2,039,763; May 5.
- Hydrocarbons, Coking liquid. H. V. Atwell. 2,064,715; Dec. 15.
- Hydrocarbons, Controlled pyrogenic decomposition of. O. E. Roberts, Jr. 2,027,552; Jan. 14.
- Hydrocarbons, Conversion of. J. P. Daugherty, Jr. 2,031,591; Feb. 25.
- Hydrocarbons, Conversion of. J. C. Morrell. 2,057,631; Oct. 13.
- Hydrocarbons, Conversion of. J. C. Morrell. 2,064,847; Dec. 22.
- Hydrocarbons, Conversion of. R. F. Ruthruff. 2,055,313; Sept. 22.
- Hydrocarbons, Conversion of. F. W. Sullivan, Jr. 2,031,987; Feb. 25.
- Hydrocarbons, Conversion of. D. S. Villars. 2,053,211; Sept. 1.
- Hydrocarbons, Converting. F. E. Frey. 2,038,834; Apr. 28.
- Hydrocarbons, Converting. N. Goodwin and R. W. Poindexter. 2,027,862; Jan. 14.
- Hydrocarbons, Cracking. E. C. Herthel. 2,037,380; Apr. 14.
- Hydrocarbons, Cracking. H. L. Pelzer. 2,030,393; Feb. 11.
- Hydrocarbons, Cracking treatment of. A. D. Smith. 2,031,336; Feb. 18.
- Hydrocarbons, Desulphurizing light. R. B. Day. 2,058,958; Oct. 27.
- Hydrocarbons for cracking and distillation, Apparatus for the expansion of. C. Still. 2,030,771; Feb. 11.
- Hydrocarbons, Forming liquid. G. F. Michot-Dupont. 2,033,914; Mar. 17.
- Hydrocarbons from gas mixtures containing the same, Separation of unsaturated. H. Schilling and R. Stadler. 2,029,120; Jan. 28.
- Hydrocarbons from paraffins, Production of unsaturated. H. Dreyfus. 2,026,731; Jan. 7.
- Hydrocarbons, Halogenating. O. H. Smith. 2,034,962; Mar. 24.
- Hydrocarbons, Hydrogenation of. A. Szayna. 2,065,201; Dec. 22.
- Hydrocarbons into low boiling point products, Converting high boiling point. E. A. Ocon. 2,052,721; Sept. 1.
- Hydrocarbons, Manufacture of. V. Ipatieff. 2,060,871; Nov. 17.
- Hydrocarbons, Manufacture of halogenated. A. A. Levine and H. A. Bond. 2,037,419; Apr. 14.
- Hydrocarbons, Manufacture of unsaturated. H. Tropisch. 2,045,255; June 23.
- Hydrocarbons, Method and apparatus for distillation of. W. J. Burkhard. 2,057,004; Oct. 13.
- Hydrocarbons of low boiling point, Production of. M. Pier, F. Ringer, and W. Simon. 2,045,795; June 30.
- Hydrocarbons, Partial oxidation of. J. H. James. 2,036,215; Apr. 7.
- Hydrocarbons, Polymerization of. R. C. Osterstrom. 2,063,522; Dec. 8.
- Hydrocarbons, Polymerization of unsaturated. C. R. Wagner. 2,028,886; Jan. 28.
- Hydrocarbons, Polymerizing unsaturated. R. C. Osterstrom. 2,056,979; Oct. 13.
- Hydrocarbons, Preservation of chlorinated. E. C. Missbach. 2,043,257; June 9.
- Hydrocarbons, Process and apparatus for cracking. W. A. S. Harmon. 2,061,836; Nov. 24.
- Hydrocarbons, Process and product for stabilizing of unsaturated. C. P. Wilson, Jr. 2,052,859-60; Sept. 1.
- Hydrocarbons, Process and product for the stabilizing of unsaturated. C. P. Wilson, Jr. 2,054,276; Sept. 15.
- Hydrocarbons, Producing unsaturated. C. A. Thomas and J. F. Olin. 2,065,323; Dec. 22.
- Hydrocarbons, Production of unsaturated. G. Wietzel and G. Schiller. 2,060,356; Nov. 10.
- Hydrocarbons, Pyrolytic decomposition of. M. B. Cooke. 2,046,501-2; July 7.
- Hydrocarbons, Reactivating. S. Dayson and J. R. Parten. 2,061,792; Nov. 24.
- Hydrocarbons, Refining. N. D. Scott. 2,048,169; July 21.
- Hydrocarbons, Refining. W. J. Sparks. 2,042,557; June 2.
- Hydrocarbons, Selective cracking of. J. F. Donnelly. 2,052,340; Aug. 25.
- Hydrocarbons to lower boiling hydrocarbons, Conversion of higher boiling. V. Henny. 2,055,028-9; Sept. 22.
- Hydrocarbons, Transforming. E. G. M. R. Legé. 2,038,369; Apr. 21.
- Hydrocarbons, Treating. T. R. Donlan. 2,031,939; Feb. 25.
- Hydrocarbons, Treating. B. Malishev. 2,055,415; Sept. 22.
- Hydrocarbons, Treating. J. C. Morrell. 2,035,910; Mar. 31.
- Hydrocarbons, Treating. J. D. Seguy. 2,039,459; May 5.
- Hydrocarbons, Treating. J. F. Wait. 2,034,068; Mar. 17.
- Hydrocarbons, Treatment of. J. H. Boyd, Jr. 2,042,452; June 2.
- Hydrocarbons, Treatment of. W. F. Faragher and E. J. Houdry. 2,035,467; Mar. 31.
- Hydrocarbons, Treatment of. S. W. Ferris. 2,062,872; Dec. 1.
- Hydrocarbons, Treatment of. V. Ipatieff. 2,039,799; May 5.
- Hydrocarbons, Treatment of. E. W. McMullan. 2,027,394; Jan. 14.
- Hydrocarbons, Treatment of. J. C. Morrell. 2,055,875; Sept. 29.
- Hydrocarbons, Treatment of. A. D. Smith. 2,035,727; Mar. 31.
- Hydrocarbons, Vapor phase cracking of. A. Cambron and C. H. Bayley. 2,057,007; Oct. 13.
- Hydrodynamic gear. K. Rabe. 2,042,189; May 26.
- Hydrogen and preparation of catalysts therefor, Production of. R. Huettner and G. Wietzel. 2,038,566; Apr. 28.
- Hydrogen, Apparatus for producing. H. D. Carter. 2,045,832; June 30.
- Hydrogen, Apparatus for the production of. W. V. Hanks, G. H. Freyermuth, and G. Potts. 2,028,326; Jan. 21.
- Hydrogen by conversion of water gas, Manufacturing process for obtaining. G. Natta. 2,038,440; Apr. 21.
- Hydrogen from hydrocarbons, Production of. G. Schiller and G. Wietzel. 2,056,911; Oct. 6.
- Hydrogen halide to a compound containing an olefinic linkage, Adding a. M. S. Kharasch. 2,058,465; Oct. 27.
- Hydrogen halides, Production of. A. M. Clifford. 2,028,087; Jan. 14.
- Hydrogen ion concentration of butyl alcohol fermentation mash, Controlling. D. A. Legg. 2,063,449; Dec. 8.
- Hydrogen ion concentration of butyl alcohol fermentation mash, Controlling. D. A. Legg and H. R. Stiles. 2,063,448; Dec. 8.
- Hydrogen peroxide, Manufacture of. G. W. Filson and J. H. Walton. 2,059,569; Nov. 3.
- Hydrogen peroxide, Manufacture of. E. C. Soule. 2,035,101; Mar. 24.
- Hydrogen peroxide, Process and apparatus for producing. F. Krauss and A. Kopke. 2,051,951; Aug. 25.
- Hydrogen peroxide solutions, Purification of. J. S. Reichert. 2,027,839; Jan. 14.
- Hydrogen peroxide solutions with pyrophosphoric acid, Stabilizing. J. S. Reichert. 2,027,838; Jan. 14.
- Hydrogen polysulphide addition products of unsaturated aliphatic hydrocarbons and producing them. W. H. Carothers. 2,061,018; Nov. 17.
- Hydrogen, Preparation of. J. S. Beekley. 2,051,363; Aug. 18.
- Hydrogen, Producing. J. C. Woodhouse. 2,064,867; Dec. 22.
- Hydrogen sulphide and ammonia from gases, Removal of. C. J. Hansen. 2,029,262; Jan. 28.
- Hydrogen sulphide from liquids, Process and apparatus for removing. M. P. Youker. 2,048,241; July 21.
- Hydrogen sulphide, Obtaining. J. A. Shaw. 2,028,125; Jan. 14.
- Hydrogenated products. N. D. Scott and J. F. Walker. 2,055,708; Sept. 29.
- Hydrogenation, Destructive. S. A. Kiss. 2,031,961; Feb. 25.
- Hydrogenation products of the follicle hormones, Production of. F. Hildebrandt and E. Schwenk. 2,060,312; Nov. 10.
- Hydrogenization of organic materials, Destructive. H. Tropisch. 2,057,402; Oct. 13.
- Hydrolysis and ammonolysis of aryl halides, Simultaneous. W. J. Hale. 2,028,065; Jan. 14.
- Hydrolysis of the organic esters of inorganic acids. T. H. Vaughn. 2,058,844; Oct. 27.



- Hydrometer. J. A. Huberti and H. J. Lawrence. 2,037,328; Apr. 14.
- Hydrometer. E. N. Hurlburt. 2,035,603; Mar. 31.
- Hydrometer. H. L. Tiger. 2,061,722; Nov. 24.
- Hydrometer for electrical accumulators. A. W. Browne. 2,054,691; Sept. 15.
- Hydrophone. W. Kunze. 2,051,866; Aug. 25.
- Hydropneumatic brake. B. S. Aikman. 2,065,203; Dec. 22.
- Hydroquinone, Derivatives of. W. A. Sexton. 2,056,299; Oct. 6.
- Hydrostatic sand pump. E. S. Sloan. 2,059,538; Nov. 3.
- Hydroxide, Apparatus for purification of caustic. B. W. Collins. 2,061,505; Nov. 17.
- Hydroxide solutions, Purifying alkali metal. F. Overdick and H. Corke. 2,044,888; June 23.
- Hydroxy alkoxy derivatives of 2-phenylquinoline-4-carboxylic acid and making same. P. Diedrich. 2,064,297; Dec. 15.
- Hydroxy aryl compounds, Producing derivatives of. W. M. Lee and L. H. Clark. 2,050,188; Aug. 4.
- Hydroxy compounds of the anthrapyrimidine series, Producing. O. Schlichting and K. Koeberle. 2,032,772; Mar. 3.
- Hydroxy-diphenyl-isatin condensation derivatives. W. G. Christiansen and S. E. Harris. 2,043,282; June 9.
- Hydroxyethylapoquinine and its production. C. L. Butler and L. H. Cretcher. 2,033,679; Mar. 10.
- Hydroxyphenylaminoanthracenes. W. Hagge and K. Haagen. 2,055,792; Sept. 29.
- Hygienic container. M. C. Schwab. 2,033,400; Mar. 10.
- Hygrometer. W. C. Goss. 2,051,246; Aug. 18.
- Hygrometer. C. E. Lewis. 2,044,086; June 16.
- Hygrometer. J. Sharp. 2,034,884; Mar. 21.
- Hygrometer. D. P. Wickersham and K. O. Waldvogel. 2,035,932; Mar. 31.
- Hygrometric apparatus. A. E. Clawson. 2,027,959; Jan. 14.
- Hygrometric apparatus. A. H. Heyroth. 2,040,771; May 12.
- Hygroscopic apparatus. C. L. Burdick. 2,039,292; May 5.
- Hygroscopic controlling mechanism for an electric circuit. W. B. Hodge. 2,041,658; May 19.
- Hygroscopic control switch. M. E. Henning. 2,027,689; Jan. 14.
- Hygroscopic materials at subatmospheric pressures, Treating. W. L. Fleisher. 2,041,056; May 19.
- Hypodermic injections, Apparatus for effecting. F. S. Gelizo, G. C. Rodriguez, and R. S. de D. Zapata. 2,028,446; Jan. 21.
- Hypogastric supporter. B. F. Pease. 2,030,224; Feb. 11.
- Ice bag, Waterless. M. E. Pearce. 2,049,220; July 28.
- Ice can. M. J. Uline. 2,060,541; Nov. 10.
- Ice can grid. A. P. Dougherty and W. H. Stevens. 2,039,299; May 5.
- Ice colors. F. Zwilmeyer. 2,064,332; Dec. 15.
- Ice container. B. H. Witherspoon. 2,049,934; Aug. 4.
- Ice cream and analogous products, Apparatus and method for continuous solidification and subdivision of. C. W. Vogt and P. Phelps. 2,027,255; Jan. 7.
- Ice cream and formula thereof, Freezing. C. I. Justheim. 2,029,025; Jan. 28.
- Ice cream and similar mixes, Apparatus for freezing. A. E. Schneider. 2,027,203; Jan. 7.
- Ice cream and the like, Apparatus for forming and wrapping bricks of. L. A. Mapes. 2,027,545; Jan. 14.
- Ice cream and the like, Freezing. A. T. Light. 2,056,452; Oct. 6.
- Ice cream and the product thereof, Manufacturing. W. D. Roth, L. C. Brown, and G. W. Phelps. 2,065,398; Dec. 22.
- Ice cream apparatus. A. E. Herron. 2,042,940; June 2.
- Ice cream articles, Making shaped. J. R. Wilson. 2,044,894; June 23.
- Ice cream cone. J. Balton. 2,033,673; Mar. 10.
- Ice cream cone. F. W. Turnbull. 2,061,260; Nov. 17.
- Ice-cream cone, Favor-carrying. C. W. Vogt. 2,030,126; Feb. 11.
- Ice cream container. J. E. Page. 2,053,680; Sept. 8.
- Ice cream cup, Paper. A. C. Wood. 2,035,631; Mar. 31.
- Ice cream hardener. G. E. Tuscan and W. F. Mathewson. 2,059,065; Oct. 27.
- Ice cream machine. W. H. Payne and F. R. Proper. 2,059,485; Nov. 3.
- Ice cream making attachment for mechanical refrigerators. R. D. Lacoe. 2,061,077; Nov. 17.
- Ice cream manufacture. A. C. Routh. 2,054,835; Sept. 22.
- Ice cream or other products, Apparatus for continuously wrapping. A. J. Asmussen; and T. G. Paolillo. 2,049,756; Aug. 4.
- Ice cream service container. C. E. Hoover. 2,031,162; Feb. 18.
- Ice cream suckers, Apparatus for making. W. A. Suiter. 2,053,926; Sept. 8.
- Ice creeper. J. C. Crow. 2,066,095; Dec. 29.
- Ice-creeper. M. H. Gould. 2,061,870; Nov. 24.
- Ice creeper. G. E. Norman. 2,065,727; Dec. 29.
- Ice creeper. J. E. Ostrander. 2,047,593; July 14.
- Ice crusher and making same. M. W. McArdle and I. Jeppsson. 2,034,951; Mar. 24.
- Ice cube release, Automatic. J. Roberts. 2,045,371; June 23.
- Ice cube thawing device. J. C. Thompson. 2,035,679; Mar. 31.
- Ice cuber. C. F. Belshaw and W. J. La Casse. 2,030,735; Feb. 11.
- Ice cubes, Device for cutting. J. E. Methven. 2,027,993; Jan. 14.
- Ice freezing device. J. N. Saler. 2,037,517; Apr. 14.
- Ice machine. W. H. Taylor. 2,063,771; Dec. 8.
- Ice making and apparatus. C. Field. 2,054,074; Sept. 15.
- Ice making apparatus. V. N. Hybinette. 2,062,180; Nov. 24.
- Ice making machine. W. H. Taylor. 2,063,770; Dec. 8.
- Ice, Method of and apparatus for making. A. M. Barrett and L. N. Udell. 2,031,812; Feb. 25.
- Ice, Method of and apparatus for making. F. Short. 2,054,101; Sept. 15.
- Ice milling machine. P. Coscia. 2,047,005; July 7.
- Ice on aircraft, Preventing formation of. L. K. Mahaffey. 2,046,521; July 7.
- Ice packaging machine. H. C. and J. P. Shevlin. 2,054,394; Sept. 15.
- Ice refrigeration, Portable dry. C. I. Justheim. 2,027,382; Jan. 14.
- Ice removing means. T. Hiscock. 2,028,669; Jan. 21.
- Ice removing tool. F. Kschadow. 2,032,757; Mar. 3.
- Ice scoring device. C. A. Smith. 2,028,024; Jan. 14.
- Ice scoring machine. M. J. Uline. 2,042,368; May 26.
- Ice shaving machine. R. Smith. 2,033,903; Mar. 10.
- Ice-skull, Rubber. E. Pomeranz. 2,049,723; Aug. 4.
- Ice wrapping machine. M. T. Zeigler. 2,027,010; Jan. 7.
- Icing mechanism. C. J. Hornkohl and F. Deppe. 2,045,272; June 23.
- Identification card holder. G. R. Steinmetz. 2,044,190; June 16.
- Identification device. P. M. Knudsen. 2,029,877; Feb. 4.
- Identification means for spools and bobbins. G. B. Markle, Jr. 2,061,365; Nov. 17.
- Identifying metallic plate and attaching the same. D. M. McCain. 2,046,571; July 7.
- Idle port. H. A. Boller. 2,036,192; Apr. 7.
- Idle time keying apparatus. H. O. Peterson. 2,055,985; Sept. 29.
- Idle time keying unit, Automatic. G. L. Usselman. 2,044,519; June 16.
- Igniter and dispenser, Cigarette. F. C. Alumbaugh. 2,038,333; Apr. 21.
- Igniter, Automatic burner. L. W. Jedeka. 2,057,193; Oct. 13.
- Igniter for gas burners. T. G. Failla. 2,053,397; Sept. 8.
- Igniter for grenades, Automatic. C. G. Pether. 2,058,822; Oct. 27.
- Igniter, Incandescent. R. Reichmann. 2,030,937; Feb. 18.
- Igniter, Incandescent. H. Stoll. 2,031,985; Feb. 25.
- Igniting device. I. G. Carlsen. 2,029,356; Feb. 4.
- Igniting device for combustion tube wick burners. R. M. Sherman. 2,053,113; Sept. 1.
- Ignition and starter switch, Combined. F. Beal. 2,062,440; Dec. 1.
- Ignition apparatus. J. L. Arthur. 2,027,507; Jan. 14.
- Ignition apparatus. C. H. Davis, Jr. 2,060,556; Nov. 10.
- Ignition apparatus. K. A. Harmon and T. G. Louls. 2,054,461-2; Sept. 15.
- Ignition apparatus for fluid fuel burners. F. O. Cole. 2,051,130; Aug. 18.
- Ignition circuit. D. W. Randolph. 2,027,617; Jan. 14.
- Ignition composition. C. E. Sosson. 2,027,208; Jan. 7.
- Ignition contacts in internal combustion engines, Obtaining the optimum position of. L. B. Kimball. 2,029,874; Feb. 4.
- Ignition cutout apparatus for gas engines, Automatic. R. D. Lacoe. 2,061,079; Nov. 17.
- Ignition cut-out for gas engines, Automatic. R. D. Lacoe. 2,061,078; Nov. 17.
- Ignition device. L. B. Ehrlich. 2,054,016; Sept. 8.
- Ignition device. E. C. Wamelink. 2,031,293; Feb. 18.
- Ignition device for gas stoves. C. E. Methudy. 2,058,612; Oct. 27.
- Ignition device for internal combustion engines. B. Howell and C. B. Hansen. 2,032,986; Mar. 3.
- Ignition distributor for combustion engines. T. Pilla. 2,055,880; Sept. 29.
- Ignition distributors, Method of and apparatus for adjusting. F. J. Groven. 2,065,067; Dec. 22.
- Ignition element for self-lighting cigarettes and the like. A. H. Fox. 2,040,733; May 12.
- Ignition for burners, Electric. W. H. De Lancey. 2,045,178; June 23.
- Ignition gauge. W. T. Ballou. 2,039,051; Apr. 28.
- Ignition lock. L. O. Parker and J. T. Fitzsimmons. 2,065,906; Dec. 29.
- Ignition mechanism. E. B. Nowosielski. 2,046,650-1; July 7.
- Ignition, Obtaining advanced and retarded. E. Klaiber. 2,027,692; Jan. 14.
- Ignition spark advance. D. W. King. 2,050,340; Aug. 11.
- Ignition starter control. L. O. Parker. 2,033,252; Mar. 10.
- Ignition system. H. L. Hartzell. 2,028,066; Jan. 14.
- Ignition system. B. B. Holthouse. 2,059,237; Nov. 3.
- Ignition system. H. Rabezana. 2,048,890; July 28.
- Ignition system. D. W. Randolph. 2,047,431; July 14.
- Ignition system for automobiles and the like. O. H. Hasselbaum. 2,034,233; Mar. 17.
- Ignition system for combustion engines. R. H. Dibley. 2,044,155; June 16.



- Ignition system for internal combustion engines. H. E. Kennedy. 2,059,243; Nov. 3.
- Ignition system for oil burners and the like. E. R. Capita. 2,046,768; July 7.
- Ignition systems, Apparatus for testing. V. W. Thomas. 2,052,952; Sept. 1.
- Ignition tester for automotive engines. B. J. Haskins. 2,050,529; Aug. 11.
- Ignition timer and coil. M. Mallory. 2,030,012; Feb. 4.
- Ignition timing apparatus. J. J. Rose. 2,040,106; May 12.
- Ignition timing device. L. B. Ehrlich. 2,066,069; Dec. 29.
- Ignition timing device control mechanism. H. H. Timian. 2,062,484; Dec. 1.
- Ignition timing mechanism. G. J. Lang, J. F. Martin, and W. D. Crocker. 2,033,477; Mar. 10.
- Ignition transformer. H. A. Rose and A. J. Maslin. 2,032,151; Feb. 25.
- Illuminated folding table. A. L. Eller. 2,031,304; Feb. 18.
- Illuminated motion effects, Apparatus for producing. A. B. Leech. 2,064,210; Dec. 15.
- Illuminated sign. A. H. Brackensley. 2,049,942; Aug. 4.
- Illuminated sign. A. C. Caccia. 2,058,058; Oct. 20.
- Illuminated sign. H. M. Johnson and A. C. Perbal. 2,040,695; May 12.
- Illuminated sign. A. Kaufman. 2,041,135; May 19.
- Illuminated sign. W. A. Keating and W. D. Kinsell. 2,041,189; May 19.
- Illuminated sign. E. H. Pendleton. 2,037,041; Apr. 14.
- Illuminated sign. W. B. Piper. 2,027,320; Jan. 7.
- Illuminated sign. J. J. Shively and M. Pennybacker. 2,057,064; Oct. 13.
- Illuminating apparatus. H. Hoffman. 2,028,453; Jan. 21.
- Illuminating apparatus. G. Kuhn. 2,031,168; Feb. 18.
- Illuminating device. J. A. Hoeveler. 2,059,868; Nov. 3.
- Illuminating device. J. Lunoe and M. C. Ranseen. 2,063,451; Dec. 8.
- Illuminating device. E. Wagner. 2,048,040; July 21.
- Illuminating device, Submersible. F. B. Nightingale. 2,051,175; Aug. 18.
- Illuminating device, Unitary. C. H. Braselton. 2,046,285; June 30.
- Illuminating lamp. W. G. Taylor. 2,037,099; Apr. 14.
- Illuminating means for clock dials. O. Salhofer. 2,036,831; Apr. 7.
- Illuminating system. A. de Bruin. 2,056,647; Oct. 6.
- Illumination. H. Deschere. 2,040,836; May 19.
- Illumination control device. A. H. Lamb. 2,039,230; Apr. 28.
- Illumination control system. R. L. Cooper. 2,041,458; May 19.
- Illumination device. R. Fioravanti. 2,036,032; Mar. 31.
- Illumination meter. E. Presser. 2,045,797; June 30.
- Illumination system, Constant intensity. G. W. Calver. 2,030,854; Feb. 18.
- Illumination, System of. N. I. Prosser. 2,027,118; Jan. 7.
- Illumination tube. E. A. Giard. 2,033,375; Mar. 10.
- Illuminator. D. J. Biller. 2,034,556; Mar. 17.
- Illusion apparatus and method. O. C. W. Henze and R. V. Tremain. 2,061,378; Nov. 17.
- Image broadcasting system. W. G. H. Finch. 2,032,558; Mar. 3.
- Image broadcasting system. W. G. H. Finch. 2,034,015; Mar. 17.
- Image broadcasting system. W. G. H. Finch. 2,036,128; Mar. 31.
- Image broadcasting system. W. G. H. Finch. 2,061,457; Nov. 17.
- Image suppression arrangement. J. Yolles. 2,027,949; Jan. 14.
- Image suppression system. R. B. Albright. 2,062,956; Dec. 1.
- Image transmission system. R. D. Brown, Jr. 2,054,893; Sept. 22.
- Image view finder, Multiple. J. Mihalyi. 2,043,900; June 9.
- Images of objects, Apparatus for producing. R. Rüdénberg. 2,068,914; Oct. 27.
- Images of polychromatic selection and projecting them to obtain image in natural colors, Superposing partial. 2,050,417; Aug. 11.
- Images on lenticulated films, Apparatus for projecting. K. Rantsch. 2,050,860; Aug. 11.
- Images on lenticulated films, Device for copying by projection. K. Rantsch. 2,057,977; Oct. 20.
- Images, Recording duplication and reproduction of sound and pictorial. C. L. Oswald and W. D. Foster. 2,055,261; Sept. 22.
- Images, System of transmitting. J. W. McKay. 2,056,974; Oct. 13.
- Imbedding mass for dental purposes. W. Busch and P. Wolski. 2,054,894; Sept. 22.
- Imidazole compounds which are useful textile assisting agents and making same, Basic. C. Gränacher. 2,043,164; June 2.
- Imidazoles of high molecular weight and making same, Alkylated. C. Graenacher and F. Ackermann. 2,053,822; Sept. 8.
- Imidazoles of high molecular weight and making same, Alkylated. C. Graenacher and F. Ackermann. 2,056,449; Oct. 6.
- Imino compounds and making them, Aromatic. O. Limbach and K. Hager. 2,059,466; Nov. 3.
- Imitation linen fabric. H. H. Burton. 2,031,209; Feb. 18.
- Immersion heater. E. C. Fichtner. 2,039,641; May 5.
- Immersion tube type furnace. G. J. Hales. 2,030,698; Feb. 11.
- Immiscible material into ice cream and the like, Apparatus for injecting. H. A. Bendfelt. 2,032,971; Mar. 3.
- Impact device. L. K. Davis. 2,030,686; Feb. 11.
- Impact implement. J. M. Crowe. 2,041,905; May 26.
- Impact meter. D. D. Knowles. 2,053,436; Sept. 8.
- Impact of the printing element in typewriting machines, Means to vary the. F. Spaloss. 2,051,112; Aug. 18.
- Impact testing apparatus. L. A. Currier. 2,047,193; July 14.
- Impact testing device and method. R. Burns. 2,028,190; Jan. 21.
- Impact tool. M. C. Huffman. 2,055,898; Sept. 29.
- Impact tool. R. H. Pott. 2,049,273; July 28.
- Impedance equalizing system. M. K. Zinn. 2,036,381; Apr. 7.
- Impedance relay system. S. L. Goldsborough. 2,027,226; Jan. 7.
- Impervious fabric. J. K. Hunt. 2,041,836; May 26.
- Implement. E. D. W. Clark. 2,044,525; June 16.
- Implement, Agricultural. F. T. Court. 2,045,633; June 30.
- Implement attachment for crawler tractors. R. J. Altgelt and C. H. Gemberling. 2,048,914; July 28.
- Implement attachment for tractors. A. A. Scarlett. 2,054,524; Sept. 15.
- Implement attachment, Tractor supported. T. W. Johnson. 2,033,380; Mar. 10.
- Implement for removing weeds and the like. W. F. Cervenka and F. Miller. 2,029,155; Jan. 28.
- Implement for treating and placing materials. C. Jackson. 2,059,239; Nov. 3.
- Implement for trimming hedges and the like. E. P. Sacrey. 2,034,058; Mar. 17.
- Implement for weeding tare, Hand operated. J. Appenzeller. 2,061,542; Nov. 24.
- Implement frame. C. H. White. 2,048,584; July 21.
- Implement frame construction. C. L. Cook. 2,051,162; Aug. 18.
- Implement handle. A. A. MacPherson. 2,028,291; Jan. 21.
- Impregnated article. W. W. De Laney. 2,061,509; Nov. 17.
- Impregnated article. E. E. Mayfield. 2,066,117; Dec. 29.
- Impregnating apparatus. L. duB. Rees. 2,032,028; Feb. 25.
- Impregnating composition for wood and the like. F. H. Lyons. 2,041,647; May 19.
- Impregnating device. W. Neuhold. 2,052,938; Sept. 1.
- Impregnating device for paper manufacture, Multiple. I. J. Novak. 2,044,012; June 16.
- Impregnating material for shoe linings. W. Stelkens. 2,054,870; Sept. 22.
- Impregnating, Process of. G. S. Hiers. 2,062,178; Nov. 24.
- Impregnation. H. Waterman. 2,058,846; Oct. 27.
- Imprinting apparatus. E. C. Wells. 2,030,081; Feb. 11.
- Imprinting apparatus. E. C. Wells. 2,040,888; May 19.
- Imprinting means for identifying charts of recording instruments. H. Koester. 2,029,029; Jan. 28.
- Impulse coupling. H. G. Smith, Jr., and L. S. Dunham. 2,035,622; Mar. 31.
- Impulse generator. R. C. Coupland. 2,053,265; Sept. 8.
- Impulse generator. H. L. Rorden. 2,064,630; Dec. 15.
- Impulse repeater. W. Kroll and G. Zapf. 2,061,802; Nov. 24.
- Impulse sender. L. Devaux. 2,044,470; June 16.
- Impulse transmitting system, Electric. C. E. Stewart. 2,053,118; Sept. 1.
- Impulser for musical instruments, Split phase. V. H. Severy. 2,030,230; Feb. 11.
- Impurities from dyestuffs, Removing. K. F. Conrad. 2,055,686; Sept. 29.
- Incandescent electric lamp. C. H. Braselton. 2,039,773; May 5.
- Incandescent electric lamp. M. Fine. 2,055,098; Sept. 22.
- Incandescent lamp. D. L. Bruner and T. B. Holliday. 2,055,649; Sept. 29.
- Incandescent lamp. J. H. Smith. 2,031,182; Feb. 18.
- Incandescent lamp, Miniature. J. F. Donovan. 2,053,138; Sept. 1.
- Incandescent lamp, Portable. C. S. McGill. 2,026,792; Jan. 7.
- Incinerating furnace. J. E. Greenawalt. 2,032,412; Mar. 3.
- Incinerating furnace. J. E. Greenawalt. 2,060,067; Nov. 10.
- Incinerator. F. F. Hopkins. 2,050,434; Aug. 11.
- Incinerator. L. Laghetto. 2,044,085; June 16.
- Incinerator. L. T. Sherwood. 2,041,973; May 26.
- Incinerator and evaporator, Combination. R. J. Serpas. 2,064,953; Dec. 22.
- Incinerator, Garbage. H. E. Nicol. 2,032,809; Mar. 3.
- Incinerator, Refuse. D. Korach. 2,035,167; Mar. 24.
- Incinerator, Smoke and odor consuming. J. Feigenbaum. 2,052,456; Aug. 25.
- Inclination indicating device. T. L. Lynch and H. L. Rilling. 2,046,956; July 7.
- Inclination responsive device for aircraft. J. M. Boykow. 2,029,700; Feb. 4.
- Inclinometer. E. Christensen. 2,059,551; Nov. 3.
- Inclinometer. J. M. Dunlea. 2,033,127; Mar. 10.
- Inclinometer. C. W. Hudlow. 2,026,895; Jan. 7.



- Inclinometer. F. L. Martin. 2,030,068; Feb. 11.  
Inclosure for a number of indoor courts. G. Hadden and C. A. Holden. 2,030,029; Feb. 4.  
Inclosures in envelopes, Mechanism for assembling and inserting. D. O. Royster. 2,030,656; Feb. 11.  
Incubation, Method of. E. T. Brace. 2,060,411; Nov. 10.  
Incubator. W. T. Hager. 2,026,530; Jan. 7.  
Indanthrenes, Production of halogenated. J. Ogilvie. 2,026,647; Jan. 7.  
Indanthrone compounds, Manufacture of chlorinated. E. Burgoine and C. W. Soutar. 2,035,459; Mar. 31.  
Indenting and stamping machine for clay products such as paving brick and the like. E. D. Mattes. 2,031,899; Feb. 25.  
Indenting machine. F. B. Keall. 2,048,073; July 21.  
Index card and system. J. H. Rand. 2,065,738; Dec. 29.  
Index device. W. T. Gollwitzer. 2,049,436; Aug. 4.  
Index, file, and the like, Card. C. T. Tollefsen. 2,035,352; Mar. 24.  
Index head, Universal. J. Y. Scott and B. F. Stowell. 2,059,753; Nov. 3.  
Index, Shoe fitting. A. G. Bartschi and R. L. Huffine. 2,029,553; Feb. 4.  
Index strip sheet and making the same. J. H. Rand. 2,058,035; Oct. 20.  
Index tab. W. T. Gollwitzer. 2,049,439; Aug. 4.  
Index tabs, Device for inserting. W. T. Gollwitzer. 2,049,438; Aug. 4.  
Indexer and leaf protector. E. W. Rice. 2,039,116; Apr. 28.  
Indexing service board. L. C. Eldridge and B. G. Symon. 2,030,517; Feb. 11.  
Indexing station type machine. G. O. Gridley, D. H. Montgomery, and E. H. Wheeler. 2,055,436; Sept. 22.  
Indexing station type machine. E. H. Wheeler. 2,055,422; Sept. 22.  
India rubber spring. A. Spencer. 2,032,100; Feb. 25.  
Indicating and controlling system. D. G. Taylor. 2,048,653; July 21.  
Indicating and positioning system. W. E. Dueringer. 2,046,676; July 7.  
Indicating board. C. S. Newhard. 2,035,335; Mar. 24.  
Indicating device. C. J. Erickson. 2,040,646; May 12.  
Indicating device. J. E. Masbach. 2,032,807; Mar. 3.  
Indicating device. W. G. Smith. 2,060,537; Nov. 10.  
Indicating device. T. J. Smulski. 2,051,912; Aug. 25.  
Indicating device. R. L. Williams. 2,054,109; Sept. 15.  
Indicating device. T. Wirth. 2,040,419; May 12.  
Indicating device for arc welding. B. W. David. 2,027,224; Jan. 7.  
Indicating device for engine cooling systems. V. F. Zahodiakin. 2,037,748; Apr. 21.  
Indicating device for film magazines. O. Wittel. 2,043,914; June 9.  
Indicating device for radio apparatus. M. Zeh. 2,034,500; Mar. 17.  
Indicating device for radio receivers. G. J. Barry. 2,041,106; May 19.  
Indicating device for use in connection with grinding tools. V. Fölsche. 2,035,119; Mar. 24.  
Indicating device for use with clocks. G. C. H. Clayton. 2,041,115; May 19.  
Indicating instrument. R. G. Arey. 2,058,939; Oct. 27.  
Indicating instrument. L. E. Blanchard. 2,047,353; July 14.  
Indicating means for railway signaling systems. C. S. Rushnell. 2,027,719; Jan. 14.  
Indicating system. H. E. Hershey. 2,053,774; Sept. 8.  
Indicating system for pneumatic tires. C. D. Fator. 2,037,016; Apr. 14.  
Indicating system for rolls of strip material. C. J. Hughey. 2,033,713; Mar. 10.  
Indicative apparatus for obtaining undistorted stereoscopic views. R. J. Levy. 2,034,049; Mar. 17.
- Indicator: See—  
Air condition indicator.  
Aircraft indicator.  
Airlship speed indicator.  
Amplifier overload indicator.  
Arc length indicator.  
Automobile direction indicator.  
Bank and turn indicator.  
Battery and generator indicator.  
Battery electrolyte level indicator.  
Card table indicator.  
Data indicator.  
Direct-current indicator.  
Direction indicator.  
Distribution system indicator.  
Door service indicator.  
Engine pressure indicator.  
Fineness modulus indicator.  
Flight altitude and movement indicator.  
Flow indicator.  
Fuse indicator.  
Game play indicator.  
Glass level indicator.  
Grade indicator.  
Gyro horizon indicator.  
High potential indicator.  
Level flight indicator.  
Light indicator.  
Light intensity indicator.  
Liquid indicator.  
Liquid level indicator.  
Map distance and course indicator.  
Milk can indicator.  
Multiscale indicator.  
Oil level indicator.  
Pay indicator.  
Potentiometer indicator.  
Phase indicator.  
Phase-sequence indicator.  
Pressure and viscosity indicator.  
Pressure indicator.  
Program indicator.  
Rate of climb indicator.  
Refrigerating machine indicator.  
Sales price indicator.  
Scriber indicator.  
Signal distortion indicator.  
Smoke indicator.  
Specific gravity indicator.  
Speed indicator.  
Station indicator.  
Steering indicator.  
Storage battery charge indicator.  
Surface smoothness indicator.  
Tell tale indicator.  
Temperature indicator.  
Tire condition indicator.  
Tube temperature indicator.  
Tuning indicator.  
Vehicle direction indicator.  
Vehicle service indicator.  
Vibration indicator.  
Voltage indicator.  
Wind angle indicator.  
Wind direction indicator.  
Wind indicator.  
Wind speed and direction indicator.  
Wind speed indicator.  
Zero thrust indicator.
- Indicator. J. W. Anderson. 2,040,195; May 12.  
Indicator. I. de la Teja. 2,046,552; July 7.  
Indicator. J. Handley, C. Suckling, and R. H. Suckling. 2,043,511; June 9.  
Indicator. M. L. Haselton. 2,049,499; Aug. 4.  
Indicator. B. H. Hayes. 2,066,267; Dec. 29.  
Indicator. P. Kollman. 2,052,409; Aug. 25.  
Indicator. W. L. Maxson. 2,042,615; June 2.  
Indicator. A. F. Meade. 2,032,547; Mar. 3.  
Indicator. W. T. Mehafeey. 2,042,351; May 26.  
Indicator. A. M. Nicolson. 2,038,054; Apr. 21.  
Indicator. J. H. Pence and M. E. Bailey. 2,054,604; Sept. 15.  
Indicator. R. Rechnitzer. 2,044,100; June 16.  
Indicator. G. L. Smith. 2,031,741; Feb. 25.  
Indicator. T. J. Smulski. 2,040,217; May 12.  
Indicator. P. F. Zerkle. 2,027,217; Jan. 7.  
Indicator and control for automobile heaters. M. J. Marty and R. H. Hausse. 2,043,054; June 2.  
Indicator board. O. R. Hartzell. 2,057,719; Oct. 20.  
Indicator device. T. Slonczewski. 2,058,641; Oct. 27.  
Indicator dial operating mechanism. E. J. Sortore and V. R. Kimball. 2,046,977; July 7.  
Indicator for cross-word puzzle games. H. F. Scofield. 2,055,160; Sept. 22.  
Indicator for game apparatus. G. D. Barok. 2,030,845; Feb. 18.  
Indicator for military whist. E. W. Loiselle. 2,049,305; July 28.  
Indicator for radio receivers. E. Konig. 2,059,248; Nov. 3.  
Indicator for speech circuits, Peak or overload. J. B. Moore. 2,050,852; Aug. 11.  
Indicator gear for measuring instruments and the like. H. Abramson. 2,033,318; Mar. 10.  
Indicator on storage batteries, Low level. J. A. Flynn. 2,033,279; Mar. 10.  
Indicia, Method of and apparatus for displaying. P. G. Breckenridge. 2,034,386; Mar. 17.  
Indigoid compounds containing fluorine. H. A. Lubs and A. L. Fox. 2,061,200; Nov. 17.  
Indigold dyestuffs and making same. E. Stöcklin. 2,027,890; Jan. 14.  
Indigos, Halogenated. T. L. Masterson. 2,036,487; Apr. 7.  
Indirect water heater. A. B. Wilder. 2,049,185; July 28.  
Individual bodies, Apparatus for testing. J. Gogan. 2,038,487; Apr. 21.  
Indium-bearing materials, Treatment of. H. M. Doran. 2,052,387; Aug. 25.  
Indole compounds, Preparing. E. Herdieckerhoff and E. Tschunkur. 2,057,948; Oct. 20.  
Inductances, Apparatus for testing. W. H. Conron. 2,047,617; July 14.  
Inductances, System measuring small mutual. I. Miyamoto. 2,058,486; Oct. 27.  
Induction heating apparatus. E. L. Bailey. 2,052,010; Aug. 25.  
Induction motor. A. C. Dickson. 2,057,371; Oct. 13.  
Induction motor. C. L. Kennedy. 2,033,525; Mar. 10.  
Induction motor. H. Lund. 2,047,831; July 14.  
Induction system for internal combustion engines. W. Helmore and A. A. Griffith. 2,045,389; June 23.  
Inductive device. R. M. C. Greenidge. 2,047,731; July 14.  
Inductive device for detecting the passage of railway vehicles. W. H. Reichard. 2,045,923; June 30.  
Inductor. E. A. Leach. 2,036,982; Apr. 7.  
Inductor dynamo-electric machine. L. A. March. 2,043,052; June 2.  
Inductor, Variable. R. M. Heintz. 2,030,369; Feb. 11.  
Inductors of turbo-generators, Cooling the. F. Punga and H. Roos. 2,043,120; June 2.  
Indulines and their manufacture, Water insoluble. A. Conzetti. 2,058,666; Oct. 27.  
Indulines, Manufacture of water-insoluble. A. Conzetti. 2,045,069; June 23.  
Industrial wastes, Digestion of. A. M. Buswell and C. S. Boruff. 2,029,702; Feb. 4.  
Inertia attitude indicator for aircraft. P. R. Bassett and B. G. Carlson. 2,066,193; Dec. 29.  
Infantry equipment, Tactical. M. A. Palen. 2,046,424; July 7.  
Infant's sleeping bag. M. M. Lucas. 2,060,092; Nov. 10.  
Infant's toilet seat. W. J. Kreil. 2,053,566; Sept. 8.  
Inflatable articles, Making. J. J. Lee. 2,053,371; Sept. 8.  
Inflatable article, Valveless. N. D. Campbell. 2,062,638; Dec. 1.  
Inflatable repair bag. J. J. Black. 2,065,919; Dec. 29.  
Inflow control and fluid discharge means, Combination. M. S. Young. 2,064,967; Dec. 22.  
Inflow controlling and fluid discharge means, Combination. M. S. Young. 2,041,735; May 26.



- Infolding machine. M. J. Curley. 2,059,336; Nov. 3.  
 Infolding machine. A. G. Gilbert. 2,059,335; Nov. 3.  
 Infrared ray reflector lamp. W. G. Bunzl. 2,054,669; Sept. 15.  
 Infusion apparatus. W. M. Dehn and J. W. Boals. 2,055,096; Sept. 22.  
 Infusion apparatus. H. J. Herrera. 2,057,430; Oct. 13.  
 Infusion making apparatus. L. da C. Carvalho. 2,065,211; Dec. 22.  
 Infusions of coffee or the like, Apparatus for making. C. D. Keaton. 2,057,616; Oct. 13.  
 Ingots, Method of and apparatus for making composite. L. E. Howard. 2,056,673; Oct. 6.  
 Ingot mold. E. Gathmann. 2,047,098; July 7.  
 Ingot mold and stool assembly. E. Gathmann. 2,054,597; Sept. 15.  
 Ingot mold for steel ingots. J. E. Perry and W. H. Ramage. 2,028,243; Jan. 21.  
 Ingots, Method and apparatus for heat treating. M. H. Mawhinney and F. E. Leahy. 2,052,187; Aug. 25.  
 Ingot stripper. O. Hively. 2,063,676; Dec. 8.  
 Ingot stripper. J. Kloos. 2,063,684; Dec. 8.  
 Ingot stripper. W. L. Poto. 2,043,593; June 9.  
 Ingots, Stripping. O. Hively. 2,063,675; Dec. 8.  
 Inhaler. L. H. Morin. 2,064,314; Dec. 15.  
 Ingots, Bottom-casting hollow. G. Robson. 2,039,453; May 5.  
 Inhaler. G. E. Morrison. 2,051,098; Aug. 18.  
 Inhaler. Y. Tsutsumi. 2,036,446; Apr. 7.  
 Inhibitor and process employing the same. F. E. Sheibley. 2,044,956; June 23.  
 Inhibitor for packaged products. S. Musher. 2,038,752; Apr. 28.  
 Inhibitor for pickling of metals. G. L. Magoun and D. H. Tompkins. 2,051,218; Aug. 18.  
 Inhibitor for rubber vulcanization. C. S. Williams. 2,034,889; Mar. 24.  
 Inhibitor, Pickling. W. P. Ter Horst. 2,050,204; Aug. 4.  
 Inhibitors, Treatment of. V. Ipatieff. 2,058,881; Oct. 27.  
 Inhibitors, Preparation of. J. D. Ruys and R. L. Kittle. 2,042,412; May 26.  
 Initiating device. F. K. Dolan. 2,035,149; Mar. 24.  
 Initiating element for automatic oscillographs. S. B. Griscom. 2,036,270; Apr. 7.  
 Injection internal combustion engine. R. Haag. 2,054,562; Sept. 15.  
 Injector. E. O. Corey. 2,041,527; May 19.  
 Injector. J. F. Griffin. 2,056,267; Oct. 6.  
 Injector. E. Rawson and J. F. Griffin. 2,053,441; Sept. 8.  
 Injector. F. W. Walch. 2,046,887; July 7.  
 Injector. F. W. Walch. 2,056,698; Oct. 6.  
 Injector, High pressure. F. W. Walch. 2,032,674; Mar. 3.  
 Ink. L. McLaughlin. 2,030,999; Feb. 18.  
 Ink and cellulose tissues, Apparatus for welding. G. Jalens. 2,047,372; July 14.  
 Ink eradicator attachment for fountain pens. L. T. Hughes. 2,046,022; June 30.  
 Ink eradicating device. T. L. Bonkowski. 2,029,152; Jan. 28.  
 Ink feeder for printing presses, etc. W. Kline. 2,065,279; Dec. 22.  
 Ink feeding mechanism. F. P. Sager. 2,047,433; July 14.  
 Ink fountain. E. Hoyle. 2,042,943; June 2.  
 Ink fountain back. H. A. W. Wood. 2,027,850; Jan. 14.  
 Ink fountain for printing presses. J. J. Harold. 2,039,992; May 5.  
 Ink motion. H. A. W. Wood. 2,036,451; Apr. 7.  
 Ink pad for rubber stamps. L. A. Phillips. 2,028,842; Jan. 28.  
 Ink, Printing. K. Gross. 2,038,839; Apr. 28.  
 Ink, Printing. F. Kaufer and H. P. Schmitz. 2,036,480; Apr. 7.  
 Ink, Printing. H. N. Morris. 2,036,768; Apr. 7.  
 Inkstand set. F. M. Ashley. 2,058,203; Oct. 20.  
 Ink thinner or vehicle. C. P. Shaw. 2,043,397; June 9.  
 Ink, Transfer. F. Solomon. 2,029,204; Jan. 28.  
 Ink transfer media. P. H. Gill. 2,036,471; Apr. 7.  
 Inkwell. J. D. Goble. 2,062,022; Nov. 24.  
 Ink well and bottle, Combined. C. G. Gregory. 2,026,529; Jan. 7.  
 Inkwell base. L. Crandall, J. W. Davis, and L. J. Lindquist. 2,053,517; Sept. 8.  
 Inker for self-printing ticket machines. R. H. Helsel. 2,046,742; July 7.  
 Inking apparatus for platen printing presses. A. Büttner. 2,042,769; June 2.  
 Inking attachment for hand stamps. L. Baumgarten. 2,038,338; Apr. 21.  
 Inking attachment for printing presses, Auxiliary. O. R. Wolf. 2,047,605; July 14.  
 Inking device. A. O. Beckman. 2,041,740; May 26.  
 Inking device for fingerprints. E. J. Hollister. 2,046,950; July 7.  
 Inking device for mimeograph machines. H. L. Bueno. 2,044,462; June 16.  
 Inking mechanism, Auxiliary. J. R. Donohue. 2,051,135; Aug. 18.  
 Inking mechanism for check writers. H. C. Welter. 2,029,646; Feb. 4.  
 Inking mechanism for intaglio printing machines. H. Little. 2,049,846; Aug. 4.  
 Inking mechanism for printing machines. H. V. Ball. 2,048,366; July 21.  
 Inking mechanism for printing machines. L. H. Morse. 2,033,950; Mar. 17.  
 Inking mechanism for printing machines. A. M. Zuckerman and H. P. Claiberg. 2,039,867; May 5.  
 Inking mechanism for printing presses. R. Miehle. 2,061,325; Nov. 17.  
 Inking mechanism for use in printing machines. T. J. Mills, C. G. Quick, and D. A. Ball. 2,039,435; May 5.  
 Inking reel. A. O. Beckman. 2,038,706; Apr. 28.  
 Inking system for planographic printing machines. H. C. Osborn. 2,054,830; Sept. 22.  
 Inking system for printing presses. C. E. Stouch. 2,040,961; May 19.  
 Inks. D. McBurney and E. H. Nollau. 2,049,507; Aug. 4.  
 Inks, Feeding emulsoid. G. S. Rowell. 2,056,210; Oct. 6.  
 Inlet for paper making machines, Hydraulic. W. R. Kellett and H. M. Ostertag. 2,060,808; Nov. 17.  
 Inlet nipple trap. H. J. Baker and C. Ness. 2,043,944; June 9.  
 Inlet unloader. A. M. Stenger. 2,054,640; Sept. 15.  
 Innersole making machine. J. V. Poole. 2,042,275; May 26.  
 Inner tube. E. Eger. 2,041,534; May 19.  
 Inner tube. W. E. Shively. 2,061,522; Nov. 17.  
 Inner tube for pneumatic tires. M. C. McWherter. 2,059,955; Nov. 3.  
 Inner tubes, Method and apparatus for making. H. D. Stevens. 2,065,033; Dec. 22.  
 Inoculation, more particularly for peritonitis, Preventive. B. Steinberg. 2,039,940; May 5.  
 Insect and rodent exterminator. J. Scott. 2,052,945; Sept. 1.  
 Insect destroyer. O. K. Ekre. 2,029,225; Jan. 28.  
 Insect electrocuting device. J. K. Davidson. 2,038,719; Apr. 28.  
 Insect exterminating device. W. F. Folmer and H. L. Chapin. 2,061,458; Nov. 17.  
 Insect exterminating lamp. B. S. Buford. 2,065,047; Dec. 22.  
 Insect gatherer and destroyer. W. G. Wanfried. 2,061,724; Nov. 24.  
 Insect poison container. J. B. Rosefield. 2,060,245; Nov. 10.  
 Insect repeller. H. M. Council. 2,043,404; June 9.  
 Insect screen. E. G. Brown. 2,044,664; June 16.  
 Insect trap. W. J. Lindecker. 2,051,800; Aug. 18.  
 Insect trap. O. B. Moyer. 2,042,236; May 26.  
 Insect trap. C. B. Rutherford. 2,046,430; July 7.  
 Insect trap. G. Staffell. 2,063,768; Dec. 8.  
 Insect trap and lamp. E. G. Shinner. 2,040,276; May 12.  
 Insecticidal compositions and processes using the same. M. S. Kharasch. 2,062,911; Dec. 1.  
 Insecticidal residues from fruits and vegetables, Removal of. R. H. Carter. 2,046,546-7; July 7.  
 Insecticidal residues from fruits and vegetables, Removal of. R. H. Carter and J. H. Fahey. 2,046,548; July 7.  
 Insecticidal solution. R. Wotherspoon. 2,058,200; Oct. 20.  
 Insecticidal spray compositions. W. H. Volck. 2,056,238; Oct. 6.  
 Insecticidal spray materials. W. S. Calcott, W. H. Tisdale, and A. L. Flenner. 2,044,934; June 23.  
 Insecticide. H. E. Buc. 2,042,296; May 26.  
 Insecticide. C. B. Gnadinger. 2,042,712; June 2.  
 Insecticide. C. C. Hamilton. 2,030,584; Feb. 11.  
 Insecticide. C. F. Hopkins. 2,058,588; Oct. 27.  
 Insecticide. F. H. Lyons. 2,059,125; Oct. 27.  
 Insecticide. L. E. Mills. 2,044,010; June 16.  
 Insecticide. L. E. Mills. 2,046,961; July 14.  
 Insecticide. W. C. Parrish. 2,034,152; Mar. 17.  
 Insecticide. L. E. Smith. 2,049,725; Aug. 4.  
 Insecticide and deodorizing volatile pad. F. H. Mayer. 2,054,434; Sept. 15.  
 Insecticide and fungicide. T. P. Remy. 2,045,925; June 30.  
 Insecticide and fungicide. T. P. Remy. 2,046,181; June 30.  
 Insecticide and germicide and making the same. W. H. Hampton. 2,055,491; Sept. 29.  
 Insecticide and insect repellent and making the same. L. A. Mikeska. 2,066,184; Dec. 29.  
 Insecticide and making same. W. Carter. 2,056,121; Sept. 29.  
 Insecticide and making same. C. Sgonina. 2,037,276; Apr. 14.  
 Insecticide and parasiticide. K. Meisenburg and H. Kukenthal. 2,057,044; Oct. 13.  
 Insecticide composition. C. C. Hamilton. 2,035,546; Mar. 31.  
 Insecticide distributor. H. H. Chapin and D. E. MacDonald. 2,049,194; July 28.  
 Insecticide material and making the same. W. Moore. 2,041,298; May 19.  
 Insecticides and products produced thereby, Producing water-soluble and water-miscible. R. Wotherspoon. 2,052,374; Aug. 25.  
 Insecticides containing derris extracts and preparing the same. N. A. Sankowsky. 2,058,832; Oct. 27.  
 Insecticides, Manufacture of calcium arsenate. S. Klosky. 2,029,264; Jan. 28.  
 Insecticides, Preparation of. V. H. Ryan and J. A. Moran. 2,043,267; June 9.  
 Insects and the like, Destroying. R. M. Pettit. 2,051,057; Aug. 18.  
 Insects, Apparatus for destroying. L. B. and L. V. McWilliams. 2,030,310; Feb. 11.



- Insert for basins, Sanitary. G. V. Riley. 2,048,968; July 28.
- Insert for confection molds. S. Isenberg. 2,032,483; Mar. 3.
- Insert for insoles, Self-locking. J. Fein. 2,046,732; July 7.
- Insert pipe wrench. O. T. Bernhardt. 2,038,262; Apr. 21.
- Inserts, Method of and apparatus for applying. W. J. McCallum. 2,040,621; May 12.
- Inside casing cutter. E. H. Leach. 2,062,420; Dec. 1.
- Inside pipe cutter. J. R. Yancey. 2,048,530; July 21.
- Insole. F. Bilodeau. 2,039,767; May 5.
- Insole. E. A. Ellis. 2,049,159; July 28.
- Insole. H. Härtl. 2,055,574; Sept. 29.
- Insole. F. E. Mann. 2,027,601; Jan. 14.
- Insole. C. Tweedie. 2,027,328; Jan. 7.
- Insole and making insoles. G. H. Nichols and J. A. Caswell. 2,051,887; Aug. 25.
- Insole and method of and material for making the same. A. C. Sewall. 2,065,405; Dec. 22.
- Insole and process of making shoes therewith. W. H. Bain. 2,033,972; Mar. 17.
- Insole and the manufacture thereof. M. W. Tetlow. 2,050,396; Aug. 11.
- Insole filler for shoes. C. H. and C. B. Brown. 2,051,072; Aug. 18.
- Insole, Medicated. J. P. Leindorf. 2,061,911; Nov. 24.
- Insoles, Making. G. Goddu. 2,053,331; Sept. 8.
- Insoles, Making. J. J. White. 2,036,842; Apr. 7.
- Inspecting means. M. N. Davis and C. J. Greiner. 2,033,614; Mar. 10.
- Inspection cover. J. F. Duffy. 2,061,145; Nov. 17.
- Inspection device. G. J. Hewlett. 2,051,946; Aug. 25.
- Installation for compiling and collaborating statistical data. C. Borel. 2,031,686; Feb. 25.
- Installation for drain plugs and drain plug elevating members. H. J. Murphy. 2,044,625; June 16.
- Installation for mixing two fluids. C. Mallet and H. C. Couetoux. 2,040,663; May 12.
- Installation for the detection of suspended matter in fluids. M. Buchholz. 2,034,281; Mar. 17.
- Instep increaser. C. A. Messmer. 2,037,915; Apr. 21.
- Instruction for stringer instrument playing, Apparatus for. L. Portnoff. 2,041,146; May 19.
- Instrument. A. F. Spitzglass. 2,038,768; Apr. 28.
- Instrument casing. W. H. Pearce. 2,065,289; Dec. 22.
- Instrument casing. F. S. Stickney. 2,055,990; Sept. 29.
- Instrument for measuring core loss in magnetic materials. P. L. Hoover. 2,029,023; Jan. 28.
- Instrument for transmitting angular movement. W. A. Reichel and M. F. Ketay. 2,038,059; Apr. 21.
- Instrument for use in obtaining stroboscopic effects. R. M. Eaton. 2,039,214; Apr. 28.
- Instrument panel. J. Tjaarda. 2,039,503; May 5.
- Instrument panel. J. Tjaarda. 2,066,021; Dec. 29.
- Instrument, Portable. P. T. Sprague and A. Solter. 2,033,491; Mar. 10.
- Instrument terminal construction. T. R. Harrison, E. H. Grauel, and J. E. Kessler. 2,058,078; Oct. 20.
- Insulated and waterproofed structure, Internally. H. von Forster. 2,030,417; Feb. 11.
- Insulated container. A. B. Wilhelm. 2,060,155; Nov. 10.
- Insulated electrical connector. M. Lee. 2,033,199; Mar. 10.
- Insulated pipe. H. F. Hayden. 2,047,778; July 14.
- Insulated strain device. W. H. Burleson. 2,055,650; Sept. 29.
- Insulated wire connector. S. R. Barrett. 2,036,561; Apr. 7.
- Insulated wire stripper. E. J. Wiggins. 2,054,529; Sept. 15.
- Insulating and dielectric compositions. F. M. Clark. 2,037,686; Apr. 14.
- Insulating and dielectric material for electrical apparatus. A. W. Ralston and C. W. Christensen. 2,039,837; May 5.
- Insulating and sealing means for electric discharge devices. W. A. Wilkins. 2,053,122; Sept. 1.
- Insulating board. P. W. Codwise. 2,041,696; May 26.
- Insulating box. V. W. Moody. 2,034,114; Mar. 17.
- Insulating box. V. W. Moody. 2,036,429; Apr. 7.
- Insulating building block. C. J. Chaplin. 2,045,546; June 23.
- Insulating composition. A. A. Horvath. 2,045,468; June 23.
- Insulating composition, Alkali silicate heat and sound. N. M. Elias. 2,047,016; July 7.
- Insulating composition, Magnesium silicate electrical. E. Kunstmann. 2,062,914; Dec. 1.
- Insulating compositions and method of making, Pressure moldable. L. T. Richardson. 2,040,671; May 12.
- Insulating compounds, Fireproof. H. C. Donaldson and J. G. Ford. 2,041,052; May 19.
- Insulating device. J. B. Estabrook. 2,051,205; Aug. 18.
- Insulating electrical coil winding. T. Schou. 2,061,388; Nov. 17.
- Insulating joint for cables. A. D. Pettee. 2,060,745; Nov. 10.
- Insulating machine. C. J. Keller and J. Q. Holmes. 2,045,087; June 23.
- Insulating material. N. M. Elias. 2,029,311; Feb. 4.
- Insulating material. J. Leppik. 2,062,996; Dec. 1.
- Insulating material and apparatus therefor, Making. J. F. Palmer. 2,055,877; Sept. 29.
- Insulating material and method of making. J. Leppik. 2,036,877; Apr. 7.
- Insulating material, Fire resistant porous. H. L. Becher. 2,047,187; July 14.
- Insulating material for lining and other uses. P. M. J. Bardou-Job and H. F. Hebrard. 2,055,691; Sept. 29.
- Insulating material, Plastic refractory. O. L. Jones. 2,043,249; June 9.
- Insulating mechanism. C. H. Costenoble. 2,038,269; Apr. 21.
- Insulating method for electric and thermotechnical purposes, and apparatus for accomplishing the same. A. Thode. 2,047,525; July 14.
- Insulating parts, Molded electrical. W. E. Pattman. 2,036,825; Apr. 7.
- Insulating plank, Fireproof metal-clad. A. H. Tashjian. 2,059,664; Nov. 3.
- Insulating structure and manufacturing same. H. B. Lindsay. 2,059,801; Nov. 3.
- Insulating support. J. J. Taylor. 2,058,643; Oct. 27.
- Insulation. C. F. Obermaier. 2,039,977; May 5.
- Insulation. F. W. Seving, A. Bergqvist, and K. E. Olsson. 2,029,679; Feb. 4.
- Insulation and making same, Flexible. F. D. Saylor. 2,062,832; Dec. 1.
- Insulation composition and making the same. G. Witty. 2,046,142; June 30.
- Insulation, Electrical. R. H. Müller. 2,047,029; July 7.
- Insulation, Electrical. E. W. Trolander and W. C. Wilson. 2,061,528; Nov. 17.
- Insulation for electrical apparatus. A. O. Austin. 2,048,047; July 21.
- Insulation for submarine cables, Producing. R. R. Williams and A. R. Kemp. 2,031,916; Feb. 25.
- Insulation, Making thermal. H. Deakin. 2,051,076; Aug. 18.
- Insulation material, Electrical. F. J. Groten. 2,049,370; July 28.
- Insulation pad and construction. A. L. Spafford. 2,028,253; Jan. 21.
- Insulation stripping tool. E. E. Ferguson. 2,054,973; Sept. 22.
- Insulation structure. A. L. Spafford. 2,045,733; June 30.
- Insulation structure, Thermal. J. M. LeGrand. 2,044,731; June 16.
- Insulation testing system. P. G. Edwards and C. E. Clutts. 2,044,424; June 16.
- Insulator. C. B. Van Atta. 2,043,523; June 9.
- Insulator. E. D. Treanor and H. M. Acly. 2,061,412; Nov. 17.
- Insulator. P. A. Wickmann. 2,039,372; May 5.
- Insulator and current overload protecting device for electrical apparatus, Combined lead wire. W. S. Merkle. 2,053,916; Sept. 8.
- Insulator and making the same, Electrical. F. H. Riddle. 2,045,494; June 23.
- Insulator clamp. F. J. Hodges. 2,059,456; Nov. 3.
- Insulator clevis. H. E. Miller. 2,053,729; Sept. 8.
- Insulator, Electrical. H. P. Seelye. 2,050,898; Aug. 11.
- Insulator, Flux distributing. E. C. Vrooman. 2,056,813; Oct. 6.
- Insulator, Fog type. J. T. Lusignan, Jr. 2,048,016; July 21.
- Insulator forming machine. L. B. Harvey and L. L. French. 2,033,827; Mar. 10.
- Insulator for radio masts. R. L. Jenner. 2,064,121; Dec. 15.
- Insulator plunging machine. S. L. Moore. 2,048,558; July 21.
- Insulator, Spark plug. R. Stribeck. 2,045,318; June 23.
- Insulator, terminator, bushing and the like, Electrical. J. C. Rah. 2,056,983; Oct. 13.
- Insulator, Tower supporting. K. A. Hawley. 2,048,504; July 21.
- Insulator, Transposition. E. F. Johnson. 2,043,754; June 9.
- Insulator, Vibration. C. Saurer. 2,047,493; July 14.
- Insulators, Apparatus for making one-piece. A. G. Benard. 2,034,707; Mar. 24.
- Insulators, Assembling. J. J. Taylor. 2,039,500; May 5.
- Intaglio printing machine. R. W. Bender. 2,053,510; Sept. 8.
- Intaglio printing machine. D. G. McGiehan. 2,036,158; Mar. 31.
- Intaglio printing plates, Making. C. P. Shaw. 2,060,640; Nov. 10.
- Intaglio printing, Rotary. A. Weiss. 2,055,272; Sept. 22.
- Intake control for internal combustion engines. B. C. Phillips. 2,033,004; Mar. 3.
- Integrating indicating instrument. H. Imhof. 2,049,120; July 28.
- Intelligence, System for transmitting. W. S. Lemmon. 2,049,706; Aug. 4.
- Intelligence systems, Method of and apparatus for operating. E. L. Greensfelder. 2,039,406; May 5.
- Intercommunicating system. J. H. Voss. 2,064,186; Dec. 15.
- Interference in thermionic valve circuits, Reduction of. P. W. Willans. 2,038,879; Apr. 28.
- Interior bead trimmer. J. L. Adams, Jr. 2,054,311; Sept. 15.
- Interlock for electrical and mechanical equipment and systems, Safety. R. L. Kirk. 2,065,859; Dec. 29.
- Interlock for meter casings. C. S. Hazard and N. S. Prentiss. 2,041,762; May 26.



- Interlock support. A. F. Foehrenbach and R. F. Shoup. 2,062,645; Dec. 1.
- Interlocking device. H. S. Littlefield. 2,043,440; June 9.
- Interlocking fastener, Separable. G. Sundback. 2,046,796; July 7.
- Interlocking hose coupling and seal. A. J. Scholtes. 2,059,040; Oct. 27.
- Interlocking system for railroads. C. S. Bushnell. 2,042,650; June 2.
- Interlocking system for railroads. C. S. Bushnell and W. T. Powell. 2,060,413; Nov. 10.
- Interlocking system for railroads. O. H. Dicke. 2,045,900; June 30.
- Interlocking system for railroads. B. J. Schwendt, E. N. Bousquet, and J. A. Diffenbacher. 2,062,835; Dec. 1.
- Interlocking system for railroads. S. N. Wight. 2,027,569; Jan. 14.
- Intermediates and dyestuffs of the anthraquinone acridone series. W. Dettwyler. 2,033,182; Mar. 10.
- Intermediates and dyestuffs of the anthrimide type. R. N. Lulek and C. F. Belcher. 2,045,304; June 23.
- Intermediates and dyestuffs of the anthraquinone series. D. P. Graham. 2,028,104; Jan. 14.
- Intermediates for dyes. E. G. Beckett. 2,027,955; Jan. 14.
- Intermittent mechanism for motion picture apparatus. H. C. Holden. 2,051,602; Aug. 18.
- Intermittent movement. G. G. Moreno. 2,048,194; July 21.
- Intermittent movement for film handling apparatus. B. A. Proctor. 2,046,844; July 7.
- Intermittently actuated mechanism. J. Helbein. 2,032,414; Mar. 3.
- Internal combustion engine. N. O. Allyn. 2,047,933; July 21.
- Internal combustion engine. N. F. Andersson. 2,029,602; Feb. 4.
- Internal combustion engine. K. Angel. 2,030,732; Feb. 11.
- Internal combustion engine. I. E. Aske. 2,040,915; May 19.
- Internal combustion engine. F. O. Ball and A. J. E. Roualet. 2,058,204; Oct. 20.
- Internal combustion engine. J. A. H. Barkeij. 2,034,368; Mar. 17.
- Internal combustion engine. J. A. H. Barkeij. 2,048,051; July 21.
- Internal combustion engine. J. A. H. Barkeij. 2,050,688; Aug. 11.
- Internal combustion engine. J. A. H. Barkeij. 2,063,362; Dec. 8.
- Internal combustion engine. W. M. Baumheckel. 2,043,146; June 2.
- Internal combustion engine. A. L. R. Bernard. 2,033,810; Mar. 10.
- Internal combustion engine. L. L. Beltz. 2,037,059; Apr. 14.
- Internal combustion engine. H. E. Blomgren. 2,041,319; May 19.
- Internal combustion engine. A. C. Boock. 2,058,055; Oct. 20.
- Internal combustion engine. L. D. Boyce. 2,045,829; June 30.
- Internal combustion engine. R. M. Brasington. 2,050,781; Aug. 11.
- Internal combustion engine. J. Braunwalder. 2,065,790; Dec. 29.
- Internal combustion engine. A. T. Bremser. 2,036,253; Apr. 7.
- Internal combustion engine. A. T. Bremser. 2,061,826; Nov. 24.
- Internal combustion engine. W. B. Bronander. 2,065,046; Dec. 22.
- Internal combustion engine. R. B. Bryant. 2,062,551; Dec. 1.
- Internal combustion engine. A. Büchi. 2,036,989; Apr. 7.
- Internal combustion engine. J. H. Cook. 2,055,026; Sept. 22.
- Internal combustion engine. D. F. Cook. 2,062,209; Nov. 24.
- Internal combustion engine. J. R. Davis. 2,026,520; Jan. 7.
- Internal combustion engine. W. F. Davis. 2,043,529; June 9.
- Internal combustion engine. W. C. Dehn and M. H. Rix. 2,061,396; Nov. 17.
- Internal combustion engine. D. J. Deschamps. 2,064,196; Dec. 15.
- Internal combustion engine. J. A. Dienger. 2,060,979; Nov. 17.
- Internal combustion engine. T. V. Dillström. 2,028,760; Jan. 28.
- Internal combustion engine. C. T. Doman. 2,038,030; Apr. 21.
- Internal combustion engine. B. L. Edds. 2,033,128; Mar. 10.
- Internal combustion engine. G. S. Edlin and H. H. Stewart. 2,029,990; Feb. 4.
- Internal combustion engine. H. C. Edwards. 2,035,264; Mar. 24.
- Internal combustion engine. H. C. Edwards. 2,039,525; May 5.
- Internal combustion engine. H. C. Edwards. 2,040,300; May 12.
- Internal combustion engine. L. E. Elwell. 2,051,204; Aug. 18.
- Internal combustion engine. G. C. Farris. 2,034,900; Mar. 24.
- Internal combustion engine. F. Frelin. 2,054,621; Sept. 15.
- Internal combustion engine. W. G. Gernandt. 2,038,214; Apr. 21.
- Internal combustion engine. G. C. Goode, C. W. Miller, and G. R. Harrington. 2,037,778; Apr. 21.
- Internal combustion engine. D. Gregg. 2,027,819; Jan. 14.
- Internal combustion engine. W. R. Griswold. 2,028,903; Jan. 28.
- Internal combustion engine. J. Haller and L. A. Low. 2,027,972; Jan. 14.
- Internal combustion engine. H. F. Hansen and H. J. Scholtze. 2,063,374; Dec. 8.
- Internal combustion engine. W. Haul. 2,032,985; Mar. 3.
- Internal combustion engine. H. O. Hedges. 2,064,913; Dec. 22.
- Internal combustion engine. R. J. Herrington. 2,031,042; Feb. 18.
- Internal combustion engine. K. J. E. Hesselman. 2,046,263; June 30.
- Internal combustion engine. K. J. E. Hesselman and T. V. Dillström. 2,046,264; June 30.
- Internal combustion engine. Y. Hironaka. 2,029,163; Jan. 28.
- Internal combustion engine. F. J. Holmes. 2,045,599; June 30.
- Internal combustion engine. O. Hoover. 2,036,941; Apr. 7.
- Internal combustion engine. F. T. Irgens. 2,031,891; Feb. 25.
- Internal combustion engine. F. A. King. 2,060,221; Nov. 10.
- Internal combustion engine. A. Kreuzer. 2,047,785; July 14.
- Internal combustion engine. L. E. La Brie. 2,041,073-4; May 19.
- Internal combustion engine. M. Larsson and T. Eek. 2,055,580; Sept. 29.
- Internal combustion engine. R. K. Lee. 2,044,581; June 16.
- Internal combustion engine. R. K. Lee. 2,047,419-20; July 14.
- Internal combustion engine. R. K. Lee. 2,058,242; Oct. 20.
- Internal combustion engine. P. Maniscalco. 2,058,705; Oct. 27.
- Internal combustion engine. J. G. C. Mantle. 2,032,542; Mar. 3.
- Internal combustion engine. H. L. McPherson. 2,054,133; Sept. 15.
- Internal combustion engine. C. C. Minter. 2,057,340; Oct. 13.
- Internal combustion engine. F. C. Mock. 2,058,487; Oct. 27.
- Internal combustion engine. D. H. Munro. 2,045,719; June 30.
- Internal combustion engine. C. R. Paton. 2,045,870; June 30.
- Internal combustion engine. L. M. Payne. 2,052,313; Aug. 25.
- Internal combustion engine. M. J. Puff. 2,055,308; Sept. 22.
- Internal combustion engine. H. B. Nelson. 2,034,198; Mar. 17.
- Internal combustion engine. G. Nuesell. 2,032,495; Mar. 3.
- Internal combustion engine. F. L. O'Bryan, Sr. 2,059,804; Nov. 3.
- Internal combustion engine. C. Opolo. 2,062,013; Nov. 24.
- Internal combustion engine. A. Ragan, Jr. 2,043,866; June 9.
- Internal combustion engine. P. Reimherr. 2,064,082; Dec. 15.
- Internal combustion engine. E. Reno. 2,058,505; Oct. 27.
- Internal combustion engine. H. M. Rockwell. 2,057,164; Oct. 13.
- Internal combustion engine. D. G. Roos. 2,038,085; Apr. 21.
- Internal combustion engine. R. C. Russell. 2,042,967; June 2.
- Internal combustion engine. C. W. Van Ranst. 2,041,983; May 26.
- Internal combustion engine. K. Schwaiger. 2,057,318; Oct. 13.
- Internal combustion engine. T. N. Smith. 2,048,826; July 28.
- Internal combustion engine. M. C. Spencer. 2,061,600; Nov. 24.
- Internal combustion engine. B. C. Stickney. 2,047,235; July 14.
- Internal combustion engine. R. J. Sweeney. 2,060,263; Nov. 10.
- Internal combustion engine. P. A. Tanner. 2,058,526; Oct. 27.
- Internal combustion engine. E. O. P. Thege and P. O. Ängkvist. 2,058,528; Oct. 27.



- Internal combustion engine. M. Tibbetts. 2,063,567; Dec. 8.
- Internal combustion engine. C. W. Van Ranst. 2,062,433; Dec. 1.
- Internal combustion engine. C. W. Van Ranst. 2,065,773; Dec. 29.
- Internal combustion engine. J. G. Vincent. 2,027,940; Jan. 14.
- Internal combustion engine. J. G. Vincent. 2,031,395; Feb. 18.
- Internal combustion engine. H. Wälti. 2,044,552; June 16.
- Internal combustion engine. M. Ware. 2,049,678; Aug. 4.
- Internal combustion engine. J. L. W. Weber. 2,040,453; May 12.
- Internal combustion engine. E. L. Weitzel. 2,027,891; Jan. 14.
- Internal combustion engine. R. C. Williams. 2,040,418; May 12.
- Internal combustion engine. L. M. Woolson. 2,030,086; Feb. 11.
- Internal combustion engine. L. M. Woolson. 2,044,113; June 16.
- Internal combustion engine. L. M. Woolson. 2,053,057; Sept. 1.
- Internal combustion engine. W. L. Wuehr. 2,057,075; Oct. 13.
- Internal combustion engine. A. R. Wurtele. 2,044,522; June 16.
- Internal combustion engine. A. R. Wurtele. 2,059,720; Nov. 3.
- Internal combustion engine. V. F. Zahodiakin. 2,041,314; May 19.
- Internal combustion engine. V. F. Zahodiakin. 2,049,186; July 28.
- Internal combustion engine. G. J. Ziegler. 2,038,818; Apr. 28.
- Internal combustion engine. A. Zoller. 2,048,243; July 21.
- Internal combustion engine, Air cooled. C. T. Doman. 2,043,531; June 9.
- Internal combustion engine, Air-cooled. C. T. Doman. 2,052,017; Aug. 25.
- Internal combustion engine, Compression ignition. O. D. Treiber. 2,062,951; Dec. 1.
- Internal combustion engine, Double acting. J. Radloff. 2,029,189; Jan. 28.
- Internal combustion engine, Double-acting. E. Zingg. 2,035,856; Mar. 31.
- Internal combustion engine, Double-acting two-stroke cycle. J. Miller and F. E. Rebbeck. 2,049,819; Aug. 4.
- Internal combustion engine, Injection. A. Meyer and E. Holzbaur. 2,063,848; Dec. 8.
- Internal combustion engine, Rotary. C. Bancroft. 2,037,450; Apr. 14.
- Internal combustion engine, Rotary. H. S. Ginn. 2,062,219; Nov. 24.
- Internal combustion engine, Rotary. P. B. Johnson. 2,062,576; Dec. 1.
- Internal combustion engine, Rotary. N. A. Lewis. 2,036,060; Mar. 31.
- Internal combustion engine, Rotary. A. J. Northey. 2,058,817; Oct. 27.
- Internal combustion engine, Rotary. H. Schulman. 2,028,526; Jan. 21.
- Internal combustion engine, Rotary. H. D. Smelser. 2,048,825; July 28.
- Internal combustion engine, Rotary. W. J. Winter. 2,046,989; July 7.
- Internal combustion engine, Rotary valve. H. S. McLaren. 2,056,684; Oct. 6.
- Internal combustion engine, Two-cycle. C. G. Curtis. 2,038,271; Apr. 21.
- Internal combustion engine, Two-cycle. C. G. Curtis. 2,055,338; Sept. 22.
- Internal combustion engine, Two-stroke. P. W. Petter. 2,058,350; Oct. 20.
- Internal combustion engine valve. V. F. Zahodiakin. 2,041,160; May 19.
- Internal combustion motor. G. F. Callahan, Jr. 2,049,248; July 28.
- Internal combustion motor. I. P. Haring. 2,047,928; July 14.
- Internal combustion motor. C. F. G. Kjellberg. 2,037,726; Apr. 21.
- Internal grinding fixture. C. Booth and J. E. Caster. 2,063,659; Dec. 8.
- Interpolating system. W. A. Knoop. 2,060,222; Nov. 10.
- Interpreting and printing device. H. P. Mixer. 2,034,112; Mar. 17.
- Interrupter for broadcast receivers, Automatic. R. D. Wichman, Jr., and R. T. McClellan. 2,055,164; Sept. 22.
- Intestine, Apparatus for treating the large. E. F. Hannon. 2,027,588; Jan. 14.
- Invalid carrier. G. R. Elmick. 2,035,116; Mar. 24.
- Invalid lifting apparatus. R. H. Sechrist and I. C. Howard. 2,035,840; Mar. 31.
- Invar, Making stable. H. Scott. 2,050,387; Aug. 11.
- Inventory and sales recording device, Visible. H. Booth. 2,037,192; Apr. 14.
- Inverter. P. L. Spencer. 2,056,412; Oct. 6.
- Iodine, Extracting. L. C. Chamberlain and G. W. Hooker. 2,028,099; Jan. 14.
- Iodine from brines, Recovering. L. E. Harrison. 2,036,214; Apr. 7.
- Ionic discharge tube. T. J. Killian. 2,041,610; May 19.
- Ionic content of air, Controlling. C. P. Yaglou. 2,060,842; Nov. 17.
- Ionic modulation. E. G. Lindner. 2,047,929; July 14.
- Iron alloys, Producing. F. Johannsen. 2,053,149; Sept. 1.
- Iron and dampener, Electric. D. A. Deems. 2,027,767; Jan. 14.
- Iron and making the same, Cast. C. E. Williams, D. E. Krause, and C. H. Lorig. 2,048,309; July 21.
- Iron and Portland cement, Simultaneous production of pig. E. Karwat. 2,052,879; Sept. 1.
- Iron and steel alloys and articles produced thereby, Hardening. M. L. A. Babinet. 2,057,813; Oct. 20.
- Iron and steel alloys, Manufacturing low carbon. H. Gruber and W. Rohn. 2,040,604; May 12.
- Iron attachment. C. B. Barker. 2,031,026; Feb. 18.
- Iron bile salt and making it. H. Doubilet. 2,034,333; Mar. 17.
- Iron, Cake baking. H. G. Tatosian. 2,029,448; Feb. 4.
- Iron, Chair. W. F. Herold. 2,051,043; Aug. 18.
- Iron collector, Tramp. E. Grossenbacher. 2,030,982; Feb. 18.
- Iron, Electric. F. W. Eichorn. 2,065,366; Dec. 22.
- Iron, Electric. L. Schilling. 2,029,897; Feb. 4.
- Iron, Electric soldering. N. E. Bohall and T. S. Bailey. 2,056,951; Oct. 13.
- Iron, Electrical heated. S. A. Duvall. 2,058,068; Oct. 20.
- Iron-free compounds of the earth metals, alkaline earth metals, rare earth metals, ether acids, or the like, Production of practically. G. Jaeger. 2,030,372; Feb. 11.
- Iron hanger. W. S. McWhinney. 2,048,458; July 21.
- Iron, Hardened malleable. H. A. Schwartz. 2,058,039; Oct. 20.
- Iron heating unit. J. H. Stackhouse. 2,049,089; July 28.
- Iron, Manufacture of cast. A. L. Norbury and E. Morgan. 2,052,107; Aug. 25.
- Iron or steel by the direct method, Production of molten. F. Eulenstein and A. Krus. 2,045,639; June 30.
- Iron, Oxidation of. A. L. Smyly. 2,045,807; June 30.
- Iron oxide and sulphur dioxide from iron sulphide ores, Making. H. Freeman. 2,030,627; Feb. 11.
- Iron oxide, Manufacture of. A. L. Smyly. 2,045,808; June 30.
- Iron, Pressing. J. Poretz. 2,027,062; Jan. 7.
- Iron, Producing sponge. C. J. Head. 2,028,105; Jan. 14.
- Iron, Producing wrought. F. Johannsen. 2,047,562; July 14.
- Iron, Producing wrought. J. B. Schlossberg, I. E. and G. G. Frazier. 2,035,197; Mar. 24.
- Iron, Production of rustless. W. B. Arness. 2,056,162; Oct. 6.
- Iron, Puff. G. W. Wardwell, Jr. 2,049,342; July 28.
- Iron sheets, Process and product of welding galvanized. G. G. Gilpin. 2,063,671; Dec. 8.
- Iron, Soldering. H. J. Leitsch. 2,054,506; Sept. 15.
- Iron stand. S. A. Duvall. 2,046,938; July 7.
- Iron stand. P. G. Humes. 2,055,079; Sept. 22.
- Iron, Steam generating electric. I. Abrams and N. Pesakof. 2,059,620; Nov. 3.
- Iron, steel, and alloys of iron or steel, Welding. K. Kautz. 2,054,770; Sept. 15.
- Iron sulphate chloride, Preparing. A. Anton. 2,047,571; July 14.
- Iron, Wear resistant cast. R. H. McCarroll and G. Vennerholm. 2,035,393; Mar. 24.
- Ironer, Domestic press. N. B. Rees. 2,038,237; Apr. 21.
- Ironer for neckbands of attached shirt collars. M. Holloway. 2,051,854; Aug. 25.
- Ironer, Laundry. C. J. West. 2,057,988-9; Oct. 20.
- Ironing apparatus. W. Schmiegitz. 2,047,837; July 14.
- Ironing board. P. N. Howard. 2,048,070; July 21.
- Ironing board. C. J. Lindquist. 2,028,789; Jan. 28.
- Ironing board. C. A. Rich. 2,030,537; Feb. 11.
- Ironing board. A. Wenger. 2,057,751-2; Oct. 20.
- Ironing board cover. R. G. Cale and F. W. Fisher. 2,053,128; Sept. 1.
- Ironing board cover. H. E. Finck. 2,031,595; Feb. 25.
- Ironing board structure. C. A. Rich and J. W. Richardson. 2,052,058; Aug. 25.
- Ironing device. E. E. Foster. 2,027,274; Jan. 7.
- Ironing element. O. C. Lang. 2,034,042; Mar. 17.
- Ironing element. A. O. McCollum. 2,036,426; Apr. 7.
- Ironing machine. J. A. Castricone. 2,062,989; Dec. 1.
- Ironing machine. T. K. Cushman. 2,039,061; Apr. 28.
- Ironing machine. S. A. Douglas. 2,047,997; July 21.
- Ironing machine. H. L. Hart. 2,040,936; May 19.
- Ironing machine. R. S. Howell. 2,047,560; July 14.
- Ironing machine. J. T. Hume. 2,061,275; Nov. 17.
- Ironing machine. R. W. Janda. 2,054,631; Sept. 15.
- Ironing machine. J. B. Kirby. 2,051,449; Aug. 18.
- Ironing machine. A. O. Long. 2,038,050; Apr. 21.
- Ironing machine. C. E. Morgenstern. 2,029,383; Feb. 4.
- Ironing machine. W. Myers. 2,036,769; Apr. 7.
- Ironing machine. W. F. Oliver. 2,044,323; June 16.
- Ironing machine. C. A. Pickens. 2,050,502; Aug. 11.
- Ironing machine. J. S. Visscher. 2,037,549-50; Apr. 14.
- Ironing machine. R. J. Waterworth. 2,063,415; Dec. 8.
- Ironing machine clutch. J. W. Racklyeft. 2,038,084; Apr. 21.
- Ironing machines or mangles, Attachment for. S. Lifszit. 2,052,310; Aug. 25.
- Ironing press. J. S. Visscher. 2,037,551; Apr. 14.
- Ironing-shoe and manufacture thereof. S. L. Ingersoll. 2,038,363; Apr. 21.
- Ironing table. O. A. Flagstad. 2,056,004; Sept. 29.



- Ironing table. H. C. Flint. 2,039,642; May 5.  
 Ironing table, Foldable. C. W. Sadenwater. 2,042,074; May 26.  
 Ironing table, Foldable. C. W. Sadenwater. 2,042,075; May 26.  
 Ironing table, Folding. K. B. Olander. 2,057,108; Oct. 13.  
 Irradiating apparatus. E. C. Berndt and H. M. Creighton. 2,065,055; Dec. 22.  
 Irradiating apparatus. F. E. Hartman. 2,034,184; Mar. 17.  
 Irradiating apparatus. R. O. Henszey. 2,060,865; Nov. 17.  
 Irrigating pipe. O. Knoerzer. 2,066,008; Dec. 29.  
 Irrigation device. W. H. Coles and B. J. Nelson. 2,033,880; Mar. 10.  
 Irrigation device. W. H. Coles and B. J. Nelson. 2,034,607; Mar. 17.  
 Isolating hanger. F. M. Venzie. 2,051,778; Aug. 18.  
 Isomeric chloro-methyl-anthraquinones, Separation of. J. M. Tinker and V. M. Weinmayr. 2,033,363; Mar. 10.  
 Isothiourea-isopropylether. B. Puetzer. 2,063,461; Dec. 8.
- Jack: See—  
 Auto wheel jack. Oil rig and pumping jack.  
 Automobile jack. Pneumatic jack.  
 Automobile lifting jack. Pull rod jack.  
 Balloon tire jack. Pump jack.  
 Barrel jack. Pumping jack.  
 Bilge block jack. Service jack.  
 Bumper jack. Shoe jack.  
 Fluid actuated jack. Shoe lasting jack.  
 Hydraulic jack. Shoe supporting jack.  
 Lifting jack. Vehicle jack.  
 Mining jack. Vibrating automobile jack.
- Jack. J. A. Adell. 2,057,870; Oct. 20.  
 Jack. H. W. Brown. 2,064,370; Dec. 15.  
 Jack. G. G. Hein. 2,028,905; Jan. 28.  
 Jack. J. S. Jardim. 2,028,868; Jan. 28.  
 Jack. R. K. Jeffrey. 2,057,832; Oct. 20.  
 Jack. J. A. McBrady. 2,047,484; July 14.  
 Jack. W. H. Moore. 2,037,531; Apr. 14.  
 Jack. L. A. Schubach. 2,050,130; Aug. 4.  
 Jack. H. F. Stieler. 2,036,654; Apr. 7.  
 Jack and pile adjusting means. F. H. Cramer. 2,065,564; Dec. 29.  
 Jack attachment, Lifting. H. Banks. 2,033,808; Mar. 10.  
 Jack attachment, Lifting. R. L. Shultz. 2,046,657; July 7.  
 Jack base, Detachable. T. C. White. 2,060,543; Nov. 10.  
 Jack device, Lifting. J. W. Leggat. 2,039,010; Apr. 28.  
 Jack hammer bit. N. Brenholm. 2,040,074; May 12.  
 Jack positioning mechanism. E. J. Leary. 2,045,016; June 23.  
 Jacking apparatus. E. T. Bryant. 2,056,954; Oct. 13.  
 Jacking apparatus for motor vehicles. F. Seitz. 2,028,999; Jan. 28.  
 Jacking attachment. M. Dwork. 2,061,025-6; Nov. 17.  
 Jacking device for motor vehicles. W. Geeck. 2,038,485; Apr. 21.  
 Jacks, Hydraulic system for. W. F. Oliver. 2,033,353; Mar. 10.  
 Jacket for household utensils and other articles, Textile. R. Hinchliff. 2,035,384; Mar. 24.  
 Jacket, Shooting. H. O. Smith. 2,063,469; Dec. 8.  
 Jacket, Slip. J. B. Meyer. 2,055,548; Sept. 29.  
 Jacquard machine. K. Petzoldt. 2,045,162; June 23.  
 Jacquard pattern mechanism for knitting machines and patterning effected thereby. R. H. Lawson, A. N. Cloutier, and A. L. Hutton, Jr. 2,030,516; Feb. 11.  
 Jacquard strip. J. Lawson. 2,039,724; May 5.  
 Jacquard strip. J. and R. H. Lawson. 2,039,725; May 5.  
 Jail and prison construction. M. J. Tracy. 2,054,665; Sept. 15.  
 Jar. J. T. Barkeley and V. F. Ehrigott. 2,065,261; Dec. 22.  
 Jar. H. C. White. 2,056,496; Oct. 6.  
 Jar clamp. C. H. McColgan. 2,064,381; Dec. 15.  
 Jar closure. F. Fiese. 2,031,531; Feb. 18.  
 Jar closure. P. Kucera. 2,048,705; July 28.  
 Jar cover for storage battery cells, Glass. C. C. Wallace. 2,031,438; Feb. 18.  
 Jar holder. W. Anderson. 2,056,086; Sept. 29.  
 Jar holder. W. F. Connolly and W. F. Yeoman. 2,029,810; Feb. 4.  
 Jar holder. L. Fiedler. 2,055,344; Sept. 22.  
 Jar holder. C. E. Goetting. 2,063,805; Dec. 8.  
 Jar holder. G. Pnochenmuss. 2,047,477; July 14.  
 Jar holder. E. H. Stibbe. 2,055,854; Sept. 29.  
 Jar holding device. C. Holtz. 2,061,074; Nov. 17.  
 Jar lifter. J. Andrlík. 2,032,647; Mar. 3.  
 Jar lifter. W. F. Connolly and W. F. Yeoman. 2,029,809; Feb. 4.  
 Jar lifter and carrier. C. W. Stanley. 2,038,139; Apr. 21.  
 Jar, Metallic. J. H. Kjellstrom. 2,044,081; June 16.  
 Jar, Oil well. J. F. Stephan. 2,059,540; Nov. 3.  
 Jar, Preserving. W. A. Thiele. 2,031,800; Feb. 25.  
 Jar, Rotary. J. T. Barkeley and V. F. Ehrigott. 2,065,262; Dec. 22.  
 Jar, Rotary. C. R. Edwards. 2,055,683; Sept. 29.  
 Jar, Rotary. S. Siracusa. 2,051,911; Aug. 25.  
 Jar sealing device. F. B. Everhart. 2,050,938; Aug. 11.  
 Jar sealing ring. W. T. Exton. 2,053,140; Sept. 1.  
 Jar, Straight pull automatic rotary. E. F. Raymond. 2,055,018; Sept. 22.  
 Jar top wrench. G. H. Froelich. 2,052,458; Aug. 25.
- Jarring tool. C. E. Huddleston and M. S. Black. 2,065,135; Dec. 22.  
 Jarring tool. I. J. McCullough. 2,029,579; Feb. 4.  
 Jarring tool. I. J. McCullough. 2,035,905; Mar. 31.  
 Jarring tool. I. J. McCullough. 2,058,166; Oct. 20.  
 Jars, Device for closing. J. P. Kenyon. 2,055,978; Sept. 29.  
 Javelin point. R. H. Manzeck. 2,044,092; June 16.  
 Jelly preparation, Product for and method of. W. E. Baier. 2,063,143; Dec. 8.  
 Jelly preparations and preparing jellies. D. R. Thompson and G. H. Joseph. 2,059,541; Nov. 3.  
 Jet pump. T. H. Huff. 2,061,032; Nov. 17.  
 Jet pump. C. G. Wrentmore. 2,040,890; May 19.  
 Jewel bearing. J. H. Goss. 2,041,601; May 19.  
 Jewel mounting. S. A. Hamin. 2,058,978; Oct. 27.  
 Jewel mounting. G. Schmidt. 2,058,358; Oct. 20.  
 Jewel setting. S. dit C. Arpels. 2,056,705; Oct. 6.  
 Jewelry. G. Candas. 2,040,428; May 12.  
 Jewelry. C. H. Phillips. 2,060,345; Nov. 10.  
 Jewelry, Article of. M. Boucher. 2,032,907-8; Mar. 3.  
 Jewelry, Article of. G. Tavani. 2,046,754; July 7.  
 Jewelry, Costume. M. Levy. 2,033,943-4; Mar. 17.  
 Jewelry display box. J. Warner. 2,052,432; Aug. 25.  
 Jewels, Setting. A. F. Reilly. 2,044,510; June 16.  
 Jig. W. A. Weightman. 2,030,339; Feb. 11.  
 Jig, Adjustable taper ripping. R. L. Carter. 2,032,976; Mar. 3.  
 Jig boring machine. H. Lindner. 2,042,720; June 2.  
 Jig clamping device. F. J. Ross. 2,033,303; Mar. 10.  
 Jig, Dye. H. W. Honeyman, Jr. 2,059,871; Nov. 3.  
 Jig for drilling pistons. H. T. Dutter. 2,052,924; Sept. 1.  
 Jig for lock cylinders, Coding. J. W. FitzGerald. 2,063,085; Dec. 8.  
 Jig for treating material. G. H. Cady. 2,028,436; Jan. 21.  
 Jig, Ore. B. R. Storsand. 2,039,613; May 5.  
 Jig, Pulsating. M. J. Lide. 2,027,597; Jan. 14.  
 Jig, Quick clamping. F. W. Kuppersmith. 2,046,637; July 7.  
 Jigsaw attachment for woodworking machines. J. A. Hirtz, Sr. 2,064,606; Dec. 15.  
 Job time recorder system. E. B. Jackson. 2,040,694; May 12.  
 Jig, Tire repair. E. C. Plank. 2,057,973; Oct. 20.  
 Jogger for a printing press. H. B. Willats and L. A. Alvarez. 2,060,270; Nov. 10.  
 Joined structure. L. D. Morton. 2,027,747; Jan. 14.  
 Joining means. L. Wagner. 2,047,810; July 14.
- Joint: See—  
 Ball bearing joint. Pipe joint.  
 Cable tool joint. Rail joint.  
 Casing joint. Resilient joint.  
 Compression joint. Safety joint.  
 Double universal joint. Sealed joint.  
 Drill tube joint. Steering unit joint.  
 Expansion joint. Stave joint.  
 Garment rack joint. Swivel joint.  
 Golf club joint. Threaded joint.  
 Hoop joint. Transmission joint.  
 Load transmission center. Universal joint.  
 joint. Universal transmission joint.  
 Locked safety joint. Vibration insulation joint.  
 Nonextruding asphalt joint. Wallboard joint.  
 Oscillating joint. Wooden pipe joint.  
 Oscillatory joint.  
 Packed, flexible, conduit joint.
- Joint. F. C. Crawford. 2,056,257; Oct. 6.  
 Joint. G. M. Eaton. 2,062,407; Dec. 1.  
 Joint. G. H. Hufferd. 2,037,786; Apr. 21.  
 Joint. D. E. Lindquist. 2,038,868; Apr. 28.  
 Joint. H. C. Lord. 2,044,392; June 16.  
 Joint. H. C. Lord. 2,047,976; July 21.  
 Joint. O. B. Mueller, H. K. Rader, and J. E. Gray. 2,038,871; Apr. 28.  
 Joint. H. K. Rader. 2,038,869; Apr. 28.  
 Joint. H. K. Rader and F. J. Wilson. 2,038,870; Apr. 28.  
 Joint. T. Thompson. 2,041,031; May 19.  
 Joint. F. J. Wilson. 2,038,867; Apr. 28.  
 Joint and adjustable splicing element therefor, Rail. R. P. Lamont. 2,063,317; Dec. 8.  
 Joint and core, Expansion. R. R. Robertson. 2,041,961; May 26.  
 Joint and corner construction, Wood. R. F. Onsrud. 2,026,650; Jan. 7.  
 Joint and filler bridge, Expansion. R. R. Robertson. 2,046,182; June 30.  
 Joint and filler bridge unit with asphalt lock, Road. R. R. Robertson. 2,041,210; May 19.  
 Joint and making same. G. H. Hufferd. 2,054,082; Sept. 15.  
 Joint and making same, Welded. H. H. Moss. 2,038,439; Apr. 21.  
 Joint and making the same. C. H. Jensen. 2,062,886; Dec. 1.  
 Joint and making the same, Welded. A. R. Welch. 2,060,765; Nov. 10.  
 Joint assembly. F. J. Kohut. 2,061,198; Nov. 17.  
 Joint assembly, Universal. C. E. Swenson and E. B. Anderson. 2,064,392; Dec. 15.  
 Joint construction and producing same. J. Young. 2,053,808; Sept. 8.  
 Joint construction, Wallboard. C. O. Walper. 2,041,800; May 26.



- Joint extension union, Multiple. J. R. Guildford. 2,030,917; Feb. 18.
- Joint filler, shear bar and sleeve alignment therefor, Expansion. R. E. Mitchell. 2,031,901; Feb. 25.
- Joint for concrete pavements, Longitudinal. B. H. Lampert. 2,060,326; Nov. 10.
- Joint for concrete pipes. W. S. Hewett. 2,028,668; Jan. 21.
- Joint for concrete structures, Expansion and contraction. L. J. Mensch. 2,063,552; Dec. 8.
- Joint for connecting movable members of typewriters or the like. H. Benzing. 2,033,605; Mar. 10.
- Joint for electric cables. F. C. Meyer and G. E. Moffitt. 2,026,587; Jan. 7.
- Joint for electric cables. F. C. Meyer and G. E. Moffitt. 2,049,465; Aug. 4.
- Joint for fluid filled cables and making the same. L. Phillips. 2,053,163; Sept. 1.
- Joint for fluid filled cables, So-called semistop. K. Rottsieper. 2,052,422; Aug. 25.
- Joint for musical instruments, Tuning. T. H. Pedler. 2,036,356; Apr. 7.
- Joint for pressure vessels, High pressure. K. Bredtschneider. 2,029,606; Feb. 4.
- Joint for rail ends and splice bars therefor. R. F. Greenwood. 2,041,828; May 26.
- Joint for silo staves and the like, Air and waterproof. T. A. Rowe. 2,043,519; June 9.
- Joint for structural toys. H. R. Mack. 2,063,895; Dec. 15.
- Joint for tie rods, Universal. H. Marles. 2,048,803; July 28.
- Joint for tubes, etc., Coupling. R. W. Shoemaker. 2,040,155; May 12.
- Joint for wall structures and the like. W. T. Hormes. 2,035,964; Mar. 31.
- Joint for wind musical instruments. J. H. Albrecht. 2,061,928; Nov. 24.
- Joint for wire fabric. F. Crossman. 2,061,454; Nov. 17.
- Joint installing means, Expansion. W. C. Fischer. 2,027,725; Jan. 14.
- Joint, Making an expansion. H. C. Davis. 2,063,490; Dec. 8.
- Joint mechanism, Universal. W. A. McCarrell. 2,033,583; Mar. 10.
- Joint mechanism, Universal. H. Wollner. 2,058,544; Oct. 27.
- Joint reinforcement system for concrete roads, Longitudinal. J. W. Kerr. 2,031,371; Feb. 18.
- Joint seam for pipe, Lock. A. G. Siebenlist. 2,038,389; Apr. 21.
- Joint support and construction making use thereof. C. C. Ahles. 2,037,872; Apr. 21.
- Joint unit, Oscillating pivot. H. D. Geyer. 2,048,256; July 21.
- Joint unit, Universal. E. L. Battee. 2,037,303; Apr. 14.
- Jointed structure. F. E. Payne and A. J. Matter. 2,037,736; Apr. 21.
- Joints, Device for manufacturing elastic. D. D. J. C. C. Colaert. 2,052,448; Aug. 25.
- Joints for heat exchangers, Packing. V. S. Lewis. 2,064,928; Dec. 22.
- Joints for ice trays, Making expansion. G. L. Tinkham. 2,057,457; Oct. 13.
- Joints, Forming. H. C. Lord. 2,044,393; June 16.
- Joints, Method and apparatus for forming. R. Temple, Jr. 2,064,129; Dec. 15.
- Joist. E. D. Coddington. 2,062,399; Dec. 1.
- Joist for concrete floors, Steel. R. K. Palmer. 2,055,701; Sept. 29.
- Joist for joist and tile construction for floors and the like. H. F. Frease. 2,042,779; June 2.
- Journal: See—  
Roller journal.
- Journal bearing. G. R. Bott. 2,062,290; Dec. 1.
- Journal bearing. A. Riebe. 2,047,885; July 14.
- Journal bearing. A. Riebe. 2,054,912; Sept. 22.
- Journal bearing, Car wheel. J. E. Shafer. 2,039,351; May 5.
- Journal bearing protector. J. E. McMahon. 2,041,774; May 26.
- Journal box. D. S. Barrows. 2,028,039; Jan. 14.
- Journal box. D. S. Barrows. 2,043,091; June 2.
- Journal box. G. F. Couch. 2,029,521; Feb. 4.
- Journal box assembly. W. H. Whiteacre. 2,045,005; June 23.
- Journal box bearing. J. J. Tatum. 2,044,514; June 16.
- Journal box construction. H. L. Hexamer. 2,044,905; June 23.
- Journal boxes, Manufacture of. H. O. Nekola. 2,043,551; June 9.
- Journal lubrication. A. E. Hickle. 2,054,419; Sept. 15.
- Juice extractor. C. B. Igenfritz. 2,042,341; May 26.
- Juice extracting machine, Guarded. E. G. Streckfuss. 2,026,918; Jan. 7.
- Juice extraction filter. F. W. Manning. 2,055,871; Sept. 29.
- Juice from fruit, Device for extracting. H. L. Blum. 2,057,227; Oct. 13.
- Juice from pineapple meat, Extracting. S. T. Hoyt and R. M. Botley. 2,045,856; June 30.
- Juices, Extraction and purification of sugar. A. T. Scott. 2,059,971; Nov. 3.
- Juices to crystals, Device for boiling sugar. H. A. D. Jansse. 2,063,166; Dec. 8.
- Junction box. C. H. Bissell and R. H. Olley. 2,043,648; June 9.
- Junction box. J. W. Hooley. 2,038,291-2; Apr. 21.
- Junction box. H. R. Thompson. 2,044,650; June 16.
- Junction box transformer, Built-in. A. A. Emlen. 2,059,217; Nov. 3.
- Justifying device. R. P. Bernhardt. 2,041,109; May 19.
- Juvenile toilet seat. J. S. Cothran. 2,064,294; Dec. 15.
- Keeper. C. L. Brockway. 2,034,971; Mar. 24.
- Keeper for a gun sling. T. Imler. 2,059,949; Nov. 3.
- Keeper protective plate. L. J. Schmidt. 2,041,625; May 19.
- Keeper retainer for gun-slugs. G. N. Albree. 2,032,342; Mar. 3.
- Keg and dispensing mechanism, Beer. H. H. Lucker. 2,032,024; Feb. 25.
- Keg combination hoop and head retainer, Nail. W. C. Purdy. 2,052,489; Aug. 25.
- Kelly stuffing box. H. C. Otis. 2,036,537; Apr. 7.
- Kerf cutting apparatus. J. F. Joy. 2,065,809; Dec. 29.
- Kerf-cutting machine. H. W. Driehaus. 2,053,467; Sept. 8.
- Kerf-cutting machine. F. A. Lindgren. 2,030,926; Feb. 18.
- Kerf-forming method and apparatus. J. F. Joy. 2,057,684; Oct. 20.
- Ketene, Producing. C. H. Greenewalt. 2,053,286; Sept. 8.
- Keton and acid, Making aromatic. E. Wahlforss and L. A. Goldblatt. 2,054,107; Sept. 15.
- Ketone condensation products. H. R. Arnold. 2,046,145; June 30.
- Ketones, Manufacturing. F. M. Archibald and C. M. Beamer. 2,028,267; Jan. 21.
- Ketones of the anthracene series. P. Nawiasky and W. Eichholz. 2,055,798; Sept. 29.
- Ketones, Preparation of monomethylol. W. M. Quattlebaum, Jr. 2,064,564; Dec. 15.
- Ketones, Production of higher. O. Fuchs, E. Naujoks, and W. Querfurth. 2,064,254; Dec. 15.
- Kettle, Brew. A. Hock. 2,035,962; Mar. 31.
- Kettle for tar, asphalt, and the like, Melting. A. F. Schumann. 2,048,299; July 21.
- Kettle, Saturating. J. F. Dillon. 2,040,514; May 12.
- Kettle, Vulcanizing. C. and N. Nielsen. 2,035,092; Mar. 24.
- Key and key frame for grand pianos. F. L. George. 2,040,304; May 12.
- Key and key-joint. O. Föppl. 2,041,123; May 19.
- Key and manufacturing the same. A. W. Gardes. 2,052,616; Sept. 1.
- Key and permutation operated cabinet lock. D. M. Bell. 2,035,781; Mar. 31.
- Key assembling machine. J. M. Holloway. 2,063,927; Dec. 15.
- Key blank. R. Simon. 2,065,294; Dec. 22.
- Keyboard. A. A. C. Degen. 2,032,168; Feb. 25.
- Keyboard. R. Tevis. 2,031,017; Feb. 18.
- Keyboard, Automatic. G. W. Lawrence. 2,044,754; June 16.
- Keyboard cam. F. D. Harris. 2,030,789; Feb. 11.
- Keyboard for accompaniment for hand accordions and similar musical instruments. W. Hintermeyer. 2,049,564; Aug. 4.
- Keyboard for calculating machines and the like. J. A. V. Turk. 2,043,021; June 2.
- Keyboard mechanism. E. L. Reller. 2,045,873; June 30.
- Keyboard perforator and counter. S. Bracken and M. T. Goetz. 2,043,231; June 9.
- Keyboard perforator and counter. H. L. Krum. 2,059,250; Nov. 3.
- Keyboard unit for line casting machines. A. Good. 2,065,274; Dec. 22.
- Key, Brake. E. J. Simanek. 2,037,936; Apr. 21.
- Key, Brake shoe. H. E. Anderson. 2,033,171; Mar. 10.
- Key, Brake shoe. C. R. Busch. 2,028,753; Jan. 28.
- Key, Brake shoe. C. Cobb, Jr. 2,058,952; Oct. 27.
- Key, Brake shoe. F. Schaefer. 2,050,384; Aug. 11.
- Key case. C. H. Dahlgren. 2,066,033; Dec. 29.
- Key case. P. A. Gardner, Jr. 2,032,408; Mar. 3.
- Key case. D. E. Rhodes. 2,037,338; Apr. 14.
- Key case. H. B. Welch. 2,038,070; Apr. 21.
- Key case. O. E. Zahn. 2,051,432; Aug. 18.
- Key construction. H. F. Keil. 2,065,468; Dec. 22.
- Key controlled apparatus. H. G. Johnstone. 2,061,277; Nov. 17.
- Key cutter. R. W. Pigman. 2,058,719; Oct. 27.
- Key cutting and duplicating machine. J. A. Mintz. 2,038,949; Apr. 28.
- Key cutting tool. R. W. Griffith. 2,051,139; Aug. 18.
- Key, Flexible. H. Denull. 2,035,798; Mar. 31.
- Key for cameras, Winding. C. C. Fuerst. 2,059,859; Nov. 3.
- Key for locks with tumblers, Safety. O. C. Recht and A. Lönberg-Holm. 2,038,677; Apr. 28.
- Key for tearing strip cans. G. A. Bardet. 2,047,250; July 14.
- Key guide. R. A. Ringseis. 2,036,541; Apr. 7.
- Key holder. J. M. Bennett. 2,029,696; Feb. 4.
- Key holder. J. M. Bennett. 2,051,935; Aug. 25.
- Key holder. J. M. Collins. 2,048,599; July 21.
- Key holder. G. W. Lane. 2,065,940; Dec. 29.
- Key holder. J. I. Pollak. 2,047,331; July 14.
- Key holder. F. Schmitz. 2,064,691; Dec. 15.
- Keyhole illuminating means for doors. D. E. Smiley. 2,029,002; Jan. 28.



- Key, Lock. G. D. Full and J. M. Munther. 2,030,837; Feb. 11.
- Key machine. C. E. Turrell. 2,032,820; Mar. 3.
- Key, Paste tube. G. B. Newton and G. H. Adamson. 2,054,990; Sept. 22.
- Key protector. R. E. Townsend, Jr. 2,065,036; Dec. 22.
- Key punch. N. S. Welk. 2,035,777; Mar. 31.
- Key releasing means. F. A. Hosack. 2,059,458; Nov. 3.
- Key ring. J. A. Guidry. 2,049,610; Aug. 4.
- Key-ring. C. Weible. 2,055,163; Sept. 22.
- Key support. W. W. Hodgson. 2,047,686; July 14.
- Key, Valve spring. H. G. Smith. 2,040,960; May 19.
- Keyway broach and pilot. T. Sundell. 2,050,901; Aug. 11.
- Keying. C. W. Hansell. 2,027,038; Jan. 7.
- Keying. C. W. Hansell. 2,053,661; Sept. 8.
- Keying. C. W. Hansell. 2,060,988; Nov. 17.
- Keyless lock. J. W. Soper. 2,084,997; Mar. 24.
- Keys, Apparatus for forming pressed. J. L. Osborne. 2,038,124; Apr. 21.
- Kick plate and weather strip. J. R. Roberts. 2,051,531; Aug. 18.
- Kiln and the like. H. Kronstad. 2,052,233; Aug. 25.
- Kiln, Baffled rotary. T. Avnsoe and E. Posselt. 2,042,494; June 2.
- Kiln, Dry. D. R. Battenfield. 2,055,834; Sept. 29.
- Kiln, Dry. J. E. Imrie. 2,063,438; Dec. 8.
- Kiln, Lime. N. E. McLoon. 2,034,952; Mar. 24.
- Kiln retort structure. R. S. Kent. 2,046,687; July 7.
- Kiln, Rotary. C. S. Glenn. 2,034,180; Mar. 17.
- Kiln, Rotary. G. F. Horton. 2,057,526; Oct. 13.
- Kiln, Rotary. R. C. Newhouse. 2,059,176; Oct. 27.
- Kiln, Rotary. M. Vogel-Jorgensen. 2,066,291; Dec. 29.
- Kiln setter for rearing of tableware. C. F. Geiger and W. C. Kempf. 2,027,585; Jan. 14.
- Kiln, Spall lime. C. F. Arnold. 2,063,219; Dec. 8.
- Kiln, Tunnel. C. H. Parmelee. 2,039,445; May 5.
- Kiln, Tunnel. C. H. Parmelee. 2,045,920; June 30.
- Kiln, Tunnel. J. J. Scharf, W. Hasselbach, and L. T. Strommer. 2,053,497; Sept. 8.
- Kilns, Method and apparatus for feeding cement. F. A. B. Finkeldey. 2,054,156; Sept. 15.
- King pin. G. W. Douglas and J. J. Dewey. 2,057,372; Oct. 13.
- Kit and forming same, Sanitary handkerchief. D. L. Northcross. 2,037,175; Apr. 14.
- Kit and sharpener, Combination shaving. E. Peterson. 2,066,222; Dec. 29.
- Kit, Bridge. J. J. Berghoff, A. E. Boman, and G. M. Williams. 2,034,937; Mar. 24.
- Kit, Emergency illuminating. D. B. Hyde. 2,050,436; Aug. 11.
- Kit, Firearm. R. E. Ayer. 2,058,756; Oct. 27.
- Kit, First aid. H. E. Muse. 2,046,086; June 30.
- Kit, Loose leaf notebook. H. T. Vanhooser. 2,048,980; July 28.
- Kit, Socket wrench. N. F. McNaught and E. H. Peterson. 2,064,351; Dec. 15.
- Kit, Socket wrench. N. F. McNaught and E. H. Peterson. 2,065,340-41; Dec. 22.
- Kit, Sports. C. F. Brinkman. 2,057,933; Oct. 20.
- Kitchen paper rack. C. R. Gibbs. 2,056,572; Oct. 6.
- Kitchen utility device. A. C. Gilbert and A. A. Arnold. 2,031,769-70; Feb. 25.
- Kitchen utility device. A. C. Gilbert and A. A. Arnold. 2,032,571; Mar. 3.
- Kitchen utility device. A. C. Gilbert and S. P. Morse. 2,027,036; Jan. 7.
- Kite. L. Hopkins and G. E. Rattman. 2,057,148; Oct. 13.
- Kite, Airplane. A. H. Trevor. 2,035,730; Mar. 31.
- Kite plane. J. T. Stoney and U. B. Williams. 2,063,961; Dec. 15.
- Kneader and massager, Power driven rotary. J. J. Hicks, Jr. 2,034,758; Mar. 24.
- Kneading machine for margarine and the like. A. Gerstenberg. 2,039,162; Apr. 28.
- Knee pad. J. S. Walker. 2,031,622; Feb. 25.
- Knee exerciser. H. J. Campbell. 2,058,563; Oct. 27.
- Knee joint for artificial legs. J. J. McCann. 2,057,534; Oct. 13.
- Knife. R. S. Cathey. 2,048,322; July 21.
- Knife. L. W. Cralley. 2,041,596; May 19.
- Knife. G. N. Kirangelos. 2,051,721; Aug. 18.
- Knife. S. G. Lipic. 2,036,640; Apr. 7.
- Knife and seed extractor, Citrus fruit. C. W. Collens. 2,051,680; Aug. 18.
- Knife and use, Hot. J. R. Gammeter. 2,057,021; Oct. 13.
- Knife attachment for listers. W. J. Jaeger. 2,066,113; Dec. 29.
- Knife, Banana. C. C. Martin. 2,055,256; Sept. 22.
- Knife, Coring. G. D. Gardner. 2,031,766; Feb. 25.
- Knife, Crumbless bread. W. P. Taylor. 2,059,414; Nov. 3.
- Knife, Detachable blade. M. Parker. 2,064,176; Dec. 15.
- Knife for shuttle feeler mechanisms. S. O. Dodge. 2,034,564; Mar. 17.
- Knife guard and grinding mechanism, Slicing machine. A. H. Ahndt and J. Folk. 2,052,366; Aug. 25.
- Knife, Leather. G. Agostineto. 2,063,653; Dec. 8.
- Knife maintaining mechanism for printing presses, Doctor. A. Weiss. 2,060,600; Nov. 10.
- Knife manufacture. M. Ewald. 2,060,802; Nov. 17.
- Knife, Paper machine siltter. A. J. Thibedeau. 2,043,818; June 9.
- Knife, Paring. T. V. Baker. 2,064,718; Dec. 15.
- Knife, Paring. A. Swedeland. 2,031,191; Feb. 18.
- Knife, Pie. W. Pruitt. 2,038,197; Apr. 21.
- Knife, Razor blade. F. J. Quist. 2,043,594; June 9.
- Knife, Renewable blade. R. E. Smith. 2,054,104; Sept. 15.
- Knife, Safety. J. M. Kubar. 2,045,192; June 23.
- Knife, Safety razor blade. P. J. McCullough and A. H. Sullivan. 2,037,914; Apr. 21.
- Knife securing clip. M. Bersted. 2,052,741; Sept. 1.
- Knife sharpening mechanism. H. Stukart. 2,052,365; Aug. 25.
- Knife, Surgical. J. J. Ogden. 2,039,443; May 5.
- Knife with handle casing. O. E. Stiehl and E. Lohr, Jr. 2,037,943; Apr. 21.
- Knitted article and making same. L. G. Zuckerman. 2,047,724; July 14.
- Knitted fabric. L. Hirsch. 2,044,690; June 16.
- Knitted fabric. E. C. Lochhead. 2,060,882; Nov. 17.
- Knitted fabric. V. Lombardi. 2,040,318; May 12.
- Knitted fabric. J. McNamee. 2,064,074; Dec. 15.
- Knitted fabric, Run resisting. H. Fleisher. 2,060,462; Nov. 10.
- Knitted fabrics or articles from elastic yarns or threads, Production of. L. J. Lepine. 2,049,845; Aug. 4.
- Knitting. J. L. Getaz. 2,054,217; Sept. 15.
- Knitting. W. Heinitz. 2,062,221; Nov. 24.
- Knitting apparatus. A. DiFonzo. 2,038,895; Apr. 28.
- Knitting apparatus. V. Lombardi. 2,040,319; May 12.
- Knitting apparatus and method. R. H. Coleman. 2,062,208; Nov. 24.
- Knitting device. E. Engel. 2,043,958; June 9.
- Knitting, Hand. N. Gilpin. 2,031,104; Feb. 18.
- Knitting machine. J. V. Bradley. 2,062,695; Dec. 1.
- Knitting machine. H. Feineman. 2,030,815; Feb. 11.
- Knitting machine. A. Friedmann. 2,030,697; Feb. 11.
- Knitting machine. I. W. Grothey. 2,050,946; Aug. 11.
- Knitting machine. H. H. Holmes. 2,043,852; June 9.
- Knitting machine. H. H. Holmes. 2,053,477; Sept. 8.
- Knitting machine. H. H. Holmes and R. H. Robinson. 2,034,869; Mar. 24.
- Knitting machine. P. Kaplan. 2,041,417; May 19.
- Knitting machine. W. Larkin. 2,032,993; Mar. 3.
- Knitting machine. W. Larkin. 2,051,724; Aug. 18.
- Knitting machine. G. W. Lindley. 2,029,879; Feb. 4.
- Knitting machine. S. W. Lippitt. 2,026,744; Jan. 7.
- Knitting machine. E. W. Marshall and L. B. Holt. 2,040,946; May 19.
- Knitting machine. E. J. Martel. 2,026,745; Jan. 7.
- Knitting machine. H. McAdams. 2,061,473; Nov. 17.
- Knitting machine. H. S. Regar. 2,039,237; Apr. 28.
- Knitting machine and individual presser therefor, Spring needle. K. Howie. 2,036,144; Mar. 31.
- Knitting machine and method of knitting. R. H. Lawson and A. N. Cloutier. 2,032,324; Feb. 25.
- Knitting machine and method of knitting, Circular. P. A. Bentley, F. E. Deans, C. F. Manger, and C. H. Wainwright. 2,045,938; June 30.
- Knitting machine, Camshaft-operated. C. F. Meyer and M. Zwicky. 2,044,539; June 16.
- Knitting machine, Circular. I. W. Grothey. 2,053,192; Sept. 1.
- Knitting machine, Circular. D. A. McNaughton. 2,058,481; Oct. 27.
- Knitting machine, Flat. H. Diem. 2,054,036; Sept. 8.
- Knitting machine, Flat. M. Nebel. 2,032,949; Mar. 3.
- Knitting machine, Flat warp. G. Saupe. 2,032,152; Feb. 25.
- Knitting machine for the manufacture of tubular yarns. W. Neininger. 2,038,753; Apr. 28.
- Knitting machine, Full-fashioned. R. Anke. 2,049,887; Aug. 4.
- Knitting machine, Full fashioned. E. Richter and P. Schmidt. 2,033,301; Mar. 10.
- Knitting machine of the double axially opposed needle cylinder type, Circular. A. W. Kent. 2,065,469; Dec. 22.
- Knitting machine, Reverse plating. R. H. Lawson. 2,057,436; Oct. 13.
- Knitting machine, Straight bar. S. Holt. 2,028,837; Jan. 28.
- Knitting machine thread carrier actuating means. G. Bitzer. 2,031,300; Feb. 18.
- Knitting machines, Attachment for. J. Wachsmann. 2,039,133; Apr. 28.
- Knitting machines, Attachment for flat. A. F. Verbeek. 2,054,686; Sept. 15.
- Knitting machines, Narrowing mechanism for. S. Imon. 2,065,858; Dec. 29.
- Knitting machines, Reverse motion preventer for. J. E. Cilley. 2,053,250; Sept. 8.
- Knitting machines, Take-up mechanism for. P. G. Stroud. 2,044,741; June 16.
- Knitting mechanism. E. Kinsella, J. G. Pratt, and B. Kelsall. 2,036,874; Apr. 7.
- Knitting mechanism. E. Kinsella, J. G. Pratt, and B. Kelsall. 2,037,798; Apr. 21.
- Knitting mechanism. S. R. Shelmire. 2,045,617; June 30.
- Knitting method and mechanism. L. Hirsch. 2,040,938; May 19.
- Knitting method and machine. P. W. Bristow. 2,063,026; Dec. 8.
- Knitting needle. J. H. Graham. 2,045,267-8; June 23.
- Knitting needle stitch holder. H. A. Webber. 2,029,005; Jan. 28.
- Knives for meat choppers. A. O. Schaefer. 2,049,083; July 28.



- Knives, Grinding of rotating eccentric. W. E. Molins. 2,028,681; Jan. 21.
- Knives, Grinding of rotating eccentric. W. E. Molins, F. F. Ruau, and F. W. Hacking. 2,035,563; Mar. 31.
- Knob rose and securing means. E. A. Moller. 2,027,608; Jan. 14.
- Knob with demountable core lock. H. G. Voight. 2,062,487; Dec. 1.
- Knockdown container. C. F. Fuller. 2,032,928; Mar. 3.
- Knock-down display device. A. Hailparn. 2,035,651; Mar. 31.
- Knock-down display device. N. J. Leigh. 2,055,201; Sept. 22.
- Knock-out box. R. L. Lauer. 2,047,640; July 14.
- Knockover bit control means for knitting machines. M. Richter. 2,053,225; Sept. 1.
- Knot-tying device. T. C. Bromley and G. S. Helliwell. 2,053,062; Sept. 1.
- Knots, particularly weavers' knots, Formation of. M. Poege. 2,054,388; Sept. 15.
- Knuckle-joint type press. W. Klocke. 2,054,428; Sept. 15.
- Knuckles, Reforming. E. P. Kinne. 2,039,086; Apr. 28.
- Knurling machine. L. and S. Gurrieri. 2,053,523; Sept. 8.
- Krypton and xenon from gaseous mixtures containing them, Separation and recovery of. J. L. Schlitt. 2,040,107; May 12.
- Krypton and xenon from gaseous mixtures containing them, Separation and recovery of. C. C. Van Nuys. 2,040,112; May 12.
- Krypton and xenon from gaseous mixtures containing them, Separation and recovery of. C. C. Van Nuys. 2,057,459; Oct. 13.
- Krypton and xenon from gaseous mixtures containing them, Separation and recovery of. W. Wilkinson and J. L. Schlitt. 2,040,116; May 12.
- Krypton and xenon, Obtaining. H. Kahle. 2,060,940; Nov. 17.
- Krypton and xenon, Recovery of. J. L. Schlitt. 2,040,108; May 12.
- Krypton and xenon, Recovery of. J. L. Schlitt. 2,051,576; Aug. 18.
- Label. H. E. Meinhold. 2,060,762; Nov. 10.
- Label. J. E. Snyder. 2,046,492; July 7.
- Label and can-opener holder, Combined. L. W. Bastow. 2,027,624; Jan. 14.
- Label applying machine. H. R. Gilson. 2,060,193; Nov. 10.
- Label for household linen. D. G. Donovan. 2,059,092; Oct. 27.
- Label for household linen. F. Goodchild. 2,059,096; Oct. 27.
- Label forming and attaching method and means. R. B. Whitman. 2,042,816; June 2.
- Label, Garment. J. V. Scott. 2,063,271; Dec. 8.
- Label, Luminous. J. E. West. 2,051,665; Aug. 18.
- Label, Radio tube. R. G. Richards. 2,049,867; Aug. 4.
- Labeling and wrapping machine. F. Reid and H. Heitlage. 2,028,920; Jan. 28.
- Labeling implement. L. A. Maclean. 2,042,671; June 2.
- Labeling machine. O. G. Brautigam. 2,060,788; Nov. 17.
- Labeling machine. J. Morral. 2,039,825; May 5.
- Labeling machine. G. W. Mudd. 2,033,849; Mar. 10.
- Labeling machine. J. F. Schenck, Jr., and R. W. Paterson. 2,046,212; June 30.
- Labeling machine for cylindrical and similar packages. C. H. Wild. 2,042,164; May 26.
- Labels on bottles, cans and the like, Device for attaching. G. V. Wrangle. 2,065,957; Dec. 29.
- Labels, postage stamps, and the like, Apparatus for delivering and affixing. H. K., geb. Pettersson. 2,027,287; Jan. 7.
- Laboratory apparatus. H. Morrison. 2,045,866; June 30.
- Laboratory implement. J. A. Chamberlin and A. W. Owens. 2,041,229; May 19.
- Lace attachment for knitting machines. W. Heinitz. 2,035,960; Mar. 31.
- Lace, Fastening. R. Grabner. 2,050,175; Aug. 4.
- Lace mechanism for straight knitting machines. M. Richter. 2,059,806; Nov. 3.
- Lacquer. E. F. Johnston. 2,031,606; Feb. 25.
- Lacquer. F. Oschatz. 2,052,000; Aug. 25.
- Lacquer, Beer. A. Heck. 2,060,572; Nov. 10.
- Lacquer, Crystallizing. T. A. Neuhaus. 2,037,734; Apr. 21.
- Lacquer, Fast colored. H. Nold and W. Jaeck. 2,030,264; Feb. 11.
- Lacquer from phenol-aldehyde condensation products, Preparing air-drying. F. Seebach. 2,044,859; June 23.
- Lacquering processes. W. H. Woodford. 2,064,866; Dec. 22.
- Lacquers and coating compositions, Manufacture of colored. A. Conzetti. 2,050,921; Aug. 11.
- Lacquers, Crystallizing. T. F. Bradley. 2,059,981; Nov. 3.
- Ladder. J. W. Bell. 2,038,521; Apr. 28.
- Ladder, Aluminum. S. H. Carbis. 2,040,977; May 19.
- Ladder chair. S. A. Cooney. 2,052,450; Aug. 25.
- Ladder, Combination. R. E. Hedges. 2,066,108; Dec. 29.
- Ladder, Extension. W. A. Hummel. 2,037,860; Apr. 21.
- Ladder for continuous chain bucket elevator dredges. A. T. Fraser. 2,066,104; Dec. 29.
- Ladder for freight containers. B. F. Fitch. 2,049,435; Aug. 4.
- Ladder for roofs, Fireman's extension. A. D. Bailey. 2,052,439; Aug. 25.
- Ladder, Fruit. L. B. and A. M. Benton. 2,049,151; July 28.
- Ladder hoist for shingles, etc. M. Verone. 2,054,551; Sept. 15.
- Ladder mount. T. Hooker. 2,026,535; Jan. 7.
- Ladder support. O. W. Johnson. 2,046,516; July 7.
- Ladder, Truck platform. H. B. Cowan and W. C. Zerman. 2,035,537; Mar. 31.
- Ladders, Attachment for. J. E. Kummer. 2,056,527; Oct. 6.
- Ladle. C. E. Lehr. 2,043,048; June 2.
- Ladle, Tilting. L. A. Camerota. 2,042,037; May 26.
- Ladle, Torch support. L. O. Brown. 2,030,238; Feb. 11.
- Lady's hand bag. M. Wunthal. 2,026,663; Jan. 7.
- Lag compensating device. P. Kollsman. 2,031,837; Feb. 25.
- Lag plate for watt-hour meters. H. T. Faus. 2,050,881; Aug. 11.
- Lamb and the like, Branding. H. H. McKee. 2,040,149; May 12.
- Laminated article. U. C. Tainton. 2,042,030; May 26.
- Laminated article and making the same. J. F. Pollard. 2,061,951; Nov. 24.
- Laminated article and manufacture. W. M. West. 2,037,105; Apr. 14.
- Laminated article and manufacture of same. J. W. Haught and E. Rodman. 2,040,937; May 19.
- Laminated article and method of making. P. J. Fitzgerald. 2,051,373; Aug. 18.
- Laminated material. R. W. Williamson. 2,037,294; Apr. 14.
- Laminated structure. C. F. Reis. 2,028,411; Jan. 21.
- Laminating, coating and the like. E. H. Merritt. 2,061,203; Nov. 17.
- Lamp: See—
- Alternating current lamp. Illuminating lamp.
- Arc discharge lamp. Incandescent electric lamp.
- Arc lamp. Incandescent lamp.
- Asymmetrical head lamp. Infrared ray reflector lamp.
- Automatic flashing lamp. Insect exterminating lamp.
- Automatic projector lamp. Light and test lamp.
- Automobile lamp. Luminous discharge lamp.
- Candle lamp. Motion lamp.
- Clearance lamp. Negative glow lamp.
- Discharge lamp. 115 volt ultra-violet lamp.
- Doorless head lamp. Photoflash lamp.
- Electric arc lamp. Photographic lamp.
- Electric discharge lamp. Portable electric lamp.
- Electric discharge tubular lamp. Reflector projection lamp.
- Electric guide lamp. Sanctuary candle lamp.
- Electric hand lamp. Sanctuary lamp.
- Electric incandescent lamp. Signal lamp.
- Electric lamp. Sodium lamp.
- Electric pocket lamp. Spot lamp.
- Electric projection lamp. Street-lamp.
- Electric therapeutic lamp. Substage lamp.
- Flash lamp. Table and floor lamp.
- Gas arc lamp. Ultra violet lamp.
- Gaseous luminous lamp. Universally adjustable lamp.
- Glow lamp. Utility test lamp.
- Hand lamp. Vehicle indicating lamp.
- Head lamp. Vehicle lamp.
- Hub lamp. Wall bracket lamp.
- Lamp. R. A. Borell. 2,056,502; Oct. 6.
- Lamp. C. H. Braselton. 2,031,927; Feb. 25.
- Lamp. L. S. Greenmun. 2,054,286; Sept. 15.
- Lamp. G. Sperti. 2,034,998; Mar. 24.
- Lamp. G. Sperti. 2,058,734; Oct. 27.
- Lamp. G. Sperti. 2,065,988; Dec. 29.
- Lamp. E. D. Williamson. 2,051,324; Aug. 18.
- Lamp adapter, Precision. E. W. Beggs. 2,046,363; July 7.
- Lamp and manufacturing the same, Incandescent. R. F. Strickland. 2,032,232; Feb. 25.
- Lamp and method of manufacture, Incandescent. M. Pipkin. 2,052,164; Sept. 1.
- Lamp and mounting therefor, Electric. J. T. Fagan, J. F. Donovan, and F. J. Malloy. 2,039,953; May 5.
- Lamp and mounting therefor, Electric. W. J. Geiger and A. T. Gaskill. 2,034,512; Mar. 17.
- Lamp and mounting therefor, Electric. W. J. Geiger and A. T. Gaskill. 2,063,090; Dec. 8.
- Lamp and operating the same, Electric. L. Sinclair. 2,035,991; Mar. 31.
- Lamp and producing light, Electric. C. G. Found. 2,034,572; Mar. 17.
- Lamp and projection device, Incandescent. B. B. Fortney. 2,064,252; Dec. 15.
- Lamp and radio, Combination, Bed. M. D'Onofrio. 2,050,044; Aug. 4.
- Lamp and variable focus shade. N. G. Horwitt, M. Katcher, and W. Noell. 2,063,504; Dec. 8.
- Lamp assembly and circuit therefor, Modulating. A. Zillger. 2,054,846; Sept. 22.
- Lamp attachment, Electric. H. A. Marsino. 2,056,682; Oct. 6.
- Lamp bowl retainer and the like. G. E. Wendt. 2,038,815; Apr. 28.
- Lamp bracket. A. H. Bell. 2,066,171; Dec. 29.
- Lamp bulb, Electric. F. Kallus. 2,027,983; Jan. 14.
- Lamp connector. F. C. De Reamer. 2,053,986; Sept. 8.
- Lamp construction. A. Emerson, Jr., and S. M. Strauss. 2,049,607; Aug. 4.



- Lamp construction, Portable. R. G. Williams. 2,059,977; Nov. 3.
- Lamp control for vehicles. J. S. Tritton. 2,050,770; Aug. 11.
- Lamp cooling means, Incandescent electric. A. S. Howell and B. Stechbart. 2,048,214; July 21.
- Lamp device, Gaseous electric discharge. L. Blok. 2,030,426; Feb. 11.
- Lamp device, Gaseous electric discharge. C. Bol. 2,042,138; May 26.
- Lamp device, Gaseous electric discharge. C. Bol. and H. A. W. Klinkhamer. 2,042,139; May 26.
- Lamp device, Gaseous electric discharge. A. Fehse and H. Krefft. 2,030,435; Feb. 11.
- Lamp device, Gaseous electric discharge. H. Gooskens. 2,030,445; Feb. 11.
- Lamp device, Gaseous electric discharge. M. Pirani. 2,030,715; Feb. 11.
- Lamp device, Gaseous electric discharge. R. Rompe. 2,030,399; Feb. 11.
- Lamp device, Gaseous electric discharge. K. Wiegand. 2,030,807; Feb. 11.
- Lamp filament sorting machine. E. C. Lindegaard. 2,046,394; July 7.
- Lamp final. P. Chilo. 2,059,314; Nov. 3.
- Lamp focusing sight. W. T. Harding. 2,041,707; May 26.
- Lamp for producing modulated light, Discharge. C. H. Braselton. 2,063,580; Dec. 8.
- Lamp for producing modulated lights, Electric. C. H. Braselton. 2,047,175; July 14.
- Lamp for projecting purposes, Electric incandescent. D. K. Wright. 2,041,583; May 19.
- Lamp hanger. J. T. Seyler. 2,054,886; Sept. 22.
- Lamp harp. J. T. Atkinson. 2,048,988; July 28.
- Lamp house, Printing machine. R. S. Hopkins. 2,063,312; Dec. 8.
- Lamp of the luminous discharge tube type. W. B. Thrasher and J. Daniels. 2,065,252; Dec. 22.
- Lamp shade or similar article and making the same, Dipped-bridged. M. Greenan. 2,026,939; Jan. 7.
- Lamp shade support. J. F. Croasdale. 2,061,757; Nov. 24.
- Lamp shade support. P. H. Planeta. 2,038,501; Apr. 21.
- Lamp socket holder. W. B. Hanko. 2,063,924; Dec. 15.
- Lamp stems, Manufacture of. A. Hofmann and D. G. Trutner. 2,054,627; Sept. 15.
- Lamp structure and hanger, Combined. I. W. Nye and H. E. Miller. 2,029,251; Jan. 28.
- Lamp support and clamp. V. Di Figlia. 2,062,214; Nov. 24.
- Lamp, tube and similar device. R. B. Thomas. 2,031,746; Feb. 25.
- Lamp, tube, and similar device. R. B. Thomas. 2,064,364; Dec. 15.
- Lamp, tube, and similar devices. R. B. Thomas. 2,028,884; Jan. 28.
- Lamp unit, Electric. K. Wiegand. 2,056,633; Oct. 6.
- Lamp unit, Signal. S. M. Dover. 2,033,692; Mar. 10.
- Lamp wrench. M. E. Demyttenaere and J. E. Peys. 2,032,689; Mar. 3.
- Lamps and their manufacture, Tubular and other incandescent. P. O. Cartun. 2,032,791; Mar. 3.
- Lamps, Butt-sealing incandescent electric. M. E. McGowan. 2,028,342; Jan. 21.
- Lamps in series, Method of and apparatus for operating electric discharge. T. E. Foulke. 2,056,661; Oct. 6.
- Lamps, Manufacture of glow. T. W. Case. 2,057,183; Oct. 13.
- Lamps of automobiles, Mechanism for veering the head. A. M. Diez and T. Neuhaus-May. 2,057,423; Oct. 13.
- Land blocking machine. H. James. 2,044,304; June 16.
- Land, Device for measuring. M. R. Bentley and R. E. Repert. 2,062,388; Dec. 1.
- Land measuring apparatus, One-man. F. J. Anderson. 2,033,970; Mar. 17.
- Landing apparatus for airplanes. J. Goldman. 2,027,162; Jan. 7.
- Landing gear. A. G. Butler. 2,034,083; Mar. 17.
- Landing indicator for airports. A. M. Wilhelm. 2,043,847; June 9.
- Landing indicator for airports. A. M. Wilhelm. 2,055,370; Sept. 22.
- Lantern construction. F. B. Embury. 2,054,878; Sept. 22.
- Lantern construction, Oil. A. J. Perkins. 2,051,272; Aug. 18.
- Lantern, Electric. L. M. Wiley. 2,053,591; Sept. 8.
- Lantern, Electric hand. J. W. Baer and O. K. Reinhardt. 2,062,113; Nov. 24.
- Lantern, Hand. R. L. Darling. 2,036,088; Mar. 31.
- Lantern, Tubular. R. A. Currie. 2,062,051; Nov. 24.
- Lap. R. Groetchen. 2,044,474; June 16.
- Lap doffer, Automatic. T. S. Ramsdell. 2,031,066; Feb. 18.
- Lap forming apparatus. J. Weinbrenner. 2,032,076; Feb. 25.
- Lap-forming apparatus. J. Weinbrenner. 2,058,848; Oct. 27.
- Lap table. W. G. Rich. 2,054,098; Sept. 15.
- Lap winding machine. R. M. Jones. 2,045,469; June 23.
- Lap-winding machine, Automatic. M. Stein. 2,037,348; Apr. 14.
- Lapping and honing machine. W. A. Oubridge. 2,045,488; June 23.
- Lapping block. F. F. Hillix. 2,050,054; Aug. 4.
- Lapping device. C. H. Hellyar. 2,065,221; Dec. 22.
- Lapping method and apparatus. H. E. Snyder. 2,039,852; May 5.
- Larynx, Artificial. G. W. Burchett. 2,058,212; Oct. 20.
- Larynx, Artificial. R. R. Riesz. 2,041,487; May 19.
- Last. M. Cuzzo. 2,042,512; June 2.
- Last. F. A. Guinivan. 2,045,541; June 23.
- Last. J. B. Hadaway. 2,054,935; Sept. 22.
- Last. S. T. Hennessy. 2,058,227; Oct. 20.
- Last. H. C. Kimball. 2,048,795; July 28.
- Last. R. B. McCarthy. 2,038,528; Apr. 28.
- Last. J. B. Waterfield. 2,030,615; Feb. 11.
- Last and making the same, Rebuilt shoe. L. W. Reinhardt. 2,045,309; June 23.
- Last centering device. L. W. Reinhardt. 2,045,310; June 23.
- Last, Hinged. E. J. Dumas. 2,041,400; May 19.
- Last manufacture. S. J. Finn. 2,026,620; Jan. 7.
- Last pulling machine. J. T. Lancaster. 2,036,339; Apr. 7.
- Last, Shoe. G. C. Clark. 2,062,557; Dec. 1.
- Last, Shoe. G. Clausing. 2,047,309; July 14.
- Last, Shoe. G. Clausing. 2,065,655-6; Dec. 29.
- Last, Shoe. C. L. Sturgis. 2,046,536; July 7.
- Last, Shoe. T. F. Whitmore and I. R. Rounsaville. 2,046,353; July 7.
- Last, Shoe press. G. O. Baker. 2,063,075; Dec. 8.
- Lasting machine. S. J. Finn. 2,048,000; July 21.
- Lasting machine. G. Goodu, deceased. 2,032,409; Mar. 3.
- Lasting machine. E. A. Holmgren. 2,034,037; Mar. 17.
- Lasting machine. B. Jorgensen. 2,026,539; Jan. 7.
- Lasting machine. J. C. Jorgensen. 2,059,241; Nov. 3.
- Lasting machine. J. T. Lancaster. 2,054,938; Sept. 22.
- Lasting machine. E. C. Livingston. 2,032,371; Mar. 3.
- Lasting machine. E. C. Livingston. 2,037,862; Apr. 21.
- Lasting machine. W. T. B. Roberts. 2,028,248; Jan. 21.
- Lasting tool. J. S. Kamborian. 2,063,167; Dec. 8.
- Lasts, Method of and machine for reforming. J. Fitzpatrick. 2,030,141; Feb. 11.
- Lasts, Remodeling. C. E. Harriman and E. C. Robinson. 2,033,895; Mar. 10.
- Latch: See—
- Backing roll chuck latch. Gate latch.
  - Bag frame latch. Hood latch.
  - Camera bed latch. Locker latch.
  - Camera latch. Magnetically releasable latch.
  - Car door latch. Refrigerator latch.
  - Coach latch. Sash and screen latch.
  - Door latch.
- Latch. J. T. Biglin. 2,031,522; Feb. 18.
- Latch. A. L. Brown. 2,033,104; Mar. 3.
- Latch. W. L. Clark. 2,031,302; Feb. 18.
- Latch. H. M. Foster. 2,045,846; June 30.
- Latch. C. E. Hooper and R. L. Chappell. 2,053,084; Sept. 1.
- Latch. G. E. Roedding. 2,028,954; Jan. 28.
- Latch. G. E. Roedding. 2,029,197; Jan. 28.
- Latch and lock structure, Combined. H. F. Littledale. 2,036,154; Mar. 31.
- Latch and opening mechanism, Door. J. B. Whitted. 2,047,401; July 14.
- Latch construction. C. L. Frost. 2,038,835; Apr. 28.
- Latch device. W. A. Flavin. 2,034,570; Mar. 17.
- Latch fastening for doors, windows, and the like. G. A. Agterberg. 2,039,048; Apr. 28.
- Latch for automobile fender shrouds and the like. R. G. Moore. 2,062,597; Dec. 1.
- Latch for bulkhead doors. C. Santore. 2,060,903; Nov. 17.
- Latch for doors. G. W. Wells. 2,034,363; Mar. 17.
- Latch for extractor unloading nets. C. M. Otis. 2,039,024; Apr. 28.
- Latch for heddle frames. J. Walker, Jr. 2,046,099; June 30.
- Latch for heddle frames. J. Walker, Jr. 2,046,100; June 30.
- Latch for sliding doors. W. Strobridge. 2,057,070; Oct. 13.
- Latch means for folding Oxford eyeglasses. V. Tanasso and J. J. Pomeranz. 2,046,708; July 7.
- Latch mechanism. W. C. Andrews. 2,052,438; Aug. 25.
- Latch mechanism, Window. J. Parsons. 2,045,198; June 23.
- Latch protecting means for the latch needles in flat pearl machines. H. Diem. 2,043,286; June 9.
- Latching and righting mechanism for dump cars. F. R. Wedlake and H. Hart. 2,029,006; Jan. 28.
- Latching device. E. North. 2,059,479; Nov. 3.
- Latching device. J. H. Sullivan. 2,055,054; Sept. 22.
- Latching device. D. H. Zell. 2,050,078; Aug. 4.
- Lateral restraint device. O. K. Kjolseth. 2,044,576; June 16.
- Latex, Chemically creaming. J. McGavack. 2,058,247; Oct. 20.
- Latex, Concentrating. J. E. Nyrop. 2,044,626; June 16.
- Latex, Stabilized rubber. H. M. Bunbury and R. B. F. F. Clarke. 2,063,982; Dec. 15.
- Latex, Treatment of. R. W. Eldridge. 2,056,569; Oct. 6.
- Latex, Treatment of. H. P. Stevens. 2,049,828; Aug. 4.
- Lath machine. H. H. Hathaway. 2,036,411; Apr. 7.
- Lathe. F. C. Blanchard. 2,043,947; June 9.
- Lathe. F. C. Blanchard. 2,043,967; June 9.
- Lathe. L. A. Carter. 2,041,046; May 19.
- Lathe. J. Czerniak. 2,062,741; Dec. 1.
- Lathe. J. F. Schaffner. 2,061,777; Nov. 24.



- Lathe. C. W. Smith. 2,031,135; Feb. 18.  
 Lathe. W. E. Whipp and C. A. Bickel. 2,027,568; Jan. 14.  
 Lathe and the like speed control mechanism. J. E. Lovely. 2,056,792; Oct. 6.  
 Lathe, Automatic. C. A. Bickel. 2,039,876; May 5.  
 Lathe, Automatic. H. W. Ruppel. 2,029,638; Feb. 4.  
 Lathe, Automatic. R. D. Shaw. 2,032,597; Mar. 3.  
 Lathe, Automatic. K. Tessky. 2,028,362; Jan. 21.  
 Lathe, Automatic. K. Tessky. 2,042,687; June 2.  
 Lathe center, Combination. J. E. Kline. 2,058,322; Oct. 20.  
 Lathe for multiple diameter turning, Automatic electrically operated. R. D. Shaw. 2,032,598; Mar. 3.  
 Lathe, Hydraulic precision. L. F. Collins. 2,048,107; July 21.  
 Lathe, Motor automatic. C. A. Bickel. 2,055,227; Sept. 22.  
 Lathe, Multiple spindle turret. F. Poppensieker. 2,054,521; Sept. 15.  
 Lathe or like machine, Multispindle automatic. W. Ogilvie. 2,045,486; June 23.  
 Lathe or similar machine tool, Device for rough turning in the. P. Quichon. 2,036,436; Apr. 7.  
 Lathe, Pottery finishing. A. A. Wells. 2,051,662; Aug. 18.  
 Lathe, Universal. C. A. Bickel and S. A. Brandenburg. 2,051,127; Aug. 18.  
 Lathes, Dividing head for. L. Holtschneider. 2,042,847; June 2.  
 Lather forming device. W. Jensen. 2,052,569; Sept. 1.  
 Lather making machine. M. Rolstad. 2,057,791; Oct. 20.  
 Laundering, Apparatus for. E. J. Wilson and J. McCreary. 2,064,512; Dec. 15.  
 Laundry articles, Identifying. L. S. Smith, Jr. 2,056,809; Oct. 6.  
 Laundry assorting mechanism. A. F. Hanney. 2,045,351; June 23.  
 Laundry bag. C. E. Luttrell. 2,040,559; May 12.  
 Laundry checking device. L. Z. Hutchens. 2,063,165; Dec. 8.  
 Laundry drying apparatus. C. E. Orr. 2,050,625; Aug. 11.  
 Laundry machine. W. A. Frantz and J. J. McCabe. 2,052,392; Aug. 25.  
 Laundry machine. G. H. Reama. 2,039,660; May 5.  
 Laundry, Method of and device for packaging. J. T. Gibbons. 2,063,547; Dec. 8.  
 Laundry or dry cleaning machine. E. A. Boerner. 2,055,679; Sept. 29.  
 Laundry receptacle, Upright. O. M. Thomas. 2,044,517; June 16.  
 Laundry unit. M. L. Hunker. 2,053,830; Sept. 8.  
 Laundry washer control. R. S. Elberty, Jr. and G. C. Pearce. 2,036,201; Apr. 7.  
 Lavatory drain valve. F. H. Schneider. 2,063,632; Dec. 8.  
 Lavatory waste. R. H. Zinkil and E. W. Marchand. 2,043,088; June 2.  
 Lavatory waste and fitting. F. G. Brotz. 2,032,525; Mar. 3.  
 Lavatories, bidets, etc. P. Stamberger. 2,065,104; Dec. 22.  
 Lawn edge trimmer cutter. S. Pond. 2,039,029; Apr. 28.  
 Lawn edger. E. L. Blondeau. 2,043,148; June 2.  
 Lawn spiker. J. F. Archibald. 2,056,337; Oct. 6.  
 Lawn tool. W. E. Cross. 2,056,601; Oct. 6.  
 Lawn tool. L. M. Thomas. 2,032,777; Mar. 3.  
 Laxative composition. C. G. Spalding. 2,043,204; June 2.  
 Lay-figure for garment displays. B. Linz. 2,038,372; Apr. 21.  
 Lay out, checking and finishing tool. E. Favre. 2,057,516; Oct. 13.  
 Layers, Manufacture of anti-halation or filter. W. Schneider. 2,050,588; Aug. 11.  
 Layers of material, Method of and machine for uniting. J. T. Heckel and R. S. Walker. 2,029,922; Feb. 4.  
 Layers of material together by means of a liquid adhesive substance, Combining of three or more. T. Rowbotham and W. Shaw. 2,050,382; Aug. 11.  
 Lead alloys, Making. S. M. Hull. 2,058,231; Oct. 20.  
 Lead alloys, Producing. F. B. Peterman. 2,042,625; June 2.  
 Lead arsenates, Making of. A. M. Thomsen. 2,057,985; Oct. 20.  
 Lead block. K. Berger. 2,032,464; Mar. 3.  
 Lead bronze composition. A. R. Lytle. 2,040,054; May 5.  
 Lead checking device for globoidal worms. H. Felphrey. 2,057,970; Oct. 20.  
 Lead compounds from their reaction masses, Recovery of alkyl. L. S. Bake and A. E. Parmelee. 2,038,703; Apr. 28.  
 Lead compounds, Recovery of alkyl. L. S. Bake and A. E. Parmelee. 2,038,704; Apr. 28.  
 Lead, Extruding. H. A. Anderson, R. Gillis, W. W. Kagi, and C. T. Prendergast. 2,049,938; Aug. 4.  
 Lead extrusion. F. L. Davis, Jr. 2,033,975; Mar. 17.  
 Lead powder, Making. L. S. Ishimura. 2,060,375; Nov. 10.  
 Lead, Preparing tetra alkyl. L. S. Bake. 2,029,301; Feb. 4.  
 Lead product. S. S. Svendsen. 2,065,408; Dec. 22.  
 Lead, Production of alylated. M. G. Amick, J. C. Lawrence, and J. L. Stecher. 2,043,224; June 9.  
 Lead refining. J. O. Betterton and Y. E. Lebedeff. 2,032,788; Mar. 3.  
 Lead, Refining. J. O. Betterton and Y. E. Lebedeff. 2,056,164; Oct. 6.  
 Lead, Refining. G. K. Williams. 2,043,524; June 9.  
 Lead testing machine for spiral gears. J. C. Drader. 2,046,506; July 7.  
 Leaden articles, Manufacture of. W. Singleton, W. Hulme, and B. Jones. 2,060,533; Nov. 10.  
 Leader. G. W. Dopp. 2,056,506; Oct. 6.  
 Leaf inserting device. R. L. Connor and D. A. Nevin. 2,061,996; Nov. 24.  
 Leaf spring. W. H. Wallace. 2,026,599; Jan. 7.  
 Leaf with flexible backing, Metallic. D. D. Swift and H. E. Robertson. 2,044,922; June 23.  
 Leak indicating apparatus for oil filled electric power cables. C. E. Bennett. 2,043,227; June 9.  
 Leakage compensating meter. W. S. Brubaker. 2,042,767; June 2.  
 Leather and making the same, Decorative patent. B. J. Kaplan. 2,029,377; Feb. 4.  
 Leather and making the same, Imitation. R. Mayne. 2,056,406; Oct. 6.  
 Leather and manufacture thereof, Imitation. R. B. Hill. 2,037,130; Apr. 14.  
 Leather and product obtained thereby, Manufacturing reconstituted compressed. C. Bleyenheuft. 2,040,511; May 12.  
 Leather apparatus for firming and finishing. E. Wilson. 2,061,446; Nov. 17.  
 Leather, Apparatus for treating. H. P. and F. H. Lawton. 2,047,973; July 21.  
 Leather cleaning composition. W. J. Yates. 2,064,285; Dec. 15.  
 Leather, Cutting. E. Berkowitz. 2,061,647; Nov. 24.  
 Leather, Dyeing. E. Senn. 2,058,183; Oct. 20.  
 Leather-like material. H. P. Shopneck. 2,060,253; Nov. 10.  
 Leather manufacture, Artificial. M. O. Schur. 2,033,486; Mar. 10.  
 Leather manufacture, Artificial. M. O. Schur. 2,055,635; Sept. 29.  
 Leather Manufacturing. L. Wallerstein and J. Pfannmuller. 2,041,732; May 26.  
 Leather, Method and apparatus for impregnating. L. duB. Rees. 2,032,027; Feb. 25.  
 Leather or the like, Apparatus for making artificial. J. B. Catlin and R. A. Moravek. 2,049,892; Aug. 4.  
 Leather printing and tipping machine. P. Dornbusch. 2,058,006; Oct. 20.  
 Leather product and producing it. B. H. Bower. 2,032,250; Feb. 25.  
 Leather, Production of. L. Wallerstein and J. Pfannmuller. 2,041,731; May 26.  
 Leather shrinking device. H. L. Urdang. 2,048,760; July 28.  
 Leather supporting hook. V. Krause. 2,036,761; Apr. 7.  
 Leather surface and product made thereby, Forming decorative. I. Frohlich. 2,033,066; Mar. 3.  
 Leather tanning. C. Kannel. 2,044,946; June 23.  
 Leather, Tanning. H. S. Shaw. 2,049,547; Aug. 4.  
 Leather, Treatment of. H. A. Piggott and G. S. J. White. 2,044,099; June 16.  
 Leather, Waterproofing. H. A. Piggott and G. S. J. White. 2,032,097; Feb. 25.  
 Leather with artificial grain and making same, Ornamented. G. D. Sart. 2,046,000; June 30.  
 Leather with India rubber, Treatment of. A. McLennan. 2,064,073; Dec. 15.  
 Leather working machine. B. J. Pierson. 2,054,443; Sept. 15.  
 Leathers and product, Finishing. J. T. Power. 2,063,337; Dec. 8.  
 Leathers, Manufacture of velvet. J. J. Callahan. 2,054,069; Sept. 15.  
 Leathers, skins, fabrics and the like during their manipulation or making up into manufactured goods, Protecting. R. Schneider and A. Poelman. 2,031,673; Feb. 25.  
 Leavening process. J. S. Reichert and W. J. Sparks. 2,051,745; Aug. 18.  
 Lecithin nutrient material, Production of a. B. A. Rewald. 2,039,739; May 5.  
 Lecithin, Treatment of. A. K. Epstein and B. R. Harris. 2,062,782; Dec. 1.  
 Ledge plate for traveling grate stokers, Air cooled. E. E. Smith. 2,048,036; July 21.  
 Leer. G. W. Batchell. 2,045,259; June 23.  
 Leer. L. J. Houze, Sr. 2,026,737; Jan. 7.  
 Leer. E. C. Stewart. 2,033,261; Mar. 10.  
 Leer, Annealing. L. P. Piazzoli, Jr. 2,056,207; Oct. 6.  
 Leer, Combination annealing and decorating. W. A. Morton. 2,058,171; Oct. 20.  
 Leer, Vertical glass annealing. P. L. Geer. 2,026,781; Jan. 7.  
 Leeway switching and tuning system. R. C. Curtis. 2,058,956; Oct. 27.  
 Leg, Artificial. F. Buchstein. 2,055,066; Sept. 22.  
 Leg, Artificial. T. O. Carroll. 2,045,580; June 30.  
 Leg construction, Supporting. K. A. Weston. 2,047,346; July 14.  
 Leg for stoves, Lock. M. L. Hunker. 2,037,386; Apr. 14.  
 Leg protecting device. H. C. Palm. 2,028,947; Jan. 28.  
 Leg splint structure. J. R. Siebrandt. 2,052,990; Sept. 1.  
 Leg support and restraining device. E. J. Wiruth. 2,057,992; Oct. 20.  
 Legging. M. Cooper. 2,041,819; May 26.



- Length adjusting means for plungers and the like. J. Y. Blazek and R. G. Anderson. 2,050,481; Aug. 11.
- Lens. J. D. Chalfant. 2,051,327; Aug. 18.
- Lens. E. Culver and A. H. Emerson. 2,032,796; Mar. 3.
- Lens. V. H. Hancock. 2,033,573; Mar. 10.
- Lens. H. W. Lee. 2,064,550; Dec. 15.
- Lens. D. Slotsky. 2,064,228; Dec. 15.
- Lens and blank and making the same, Multifocal ophthalmic. J. H. Hammon. 2,065,132; Dec. 22.
- Lens and camera, Camera. N. P. Billing. 2,065,993; Dec. 29.
- Lens and making same, Ophthalmic. C. L. Bausch. 2,057,179; Oct. 13.
- Lens and making same, Ophthalmic. C. L. Bausch. 2,065,502; Dec. 29.
- Lens and making the same, Multifocal. E. Culver and S. E. Emerson. 2,053,551; Sept. 8.
- Lens and making the same, Ophthalmic. D. D. Hubbell. 2,037,327; Apr. 14.
- Lens and reflector, Combined. A. N. Taylor. 2,064,501; Dec. 15.
- Lens and supporting it, Magnifying. N. M. Stanley. 2,056,693; Oct. 6.
- Lens, Automobile headlight. D. R. McGregor. 2,058,707; Oct. 27.
- Lens blank and lens and making the same, Multifocal ophthalmic. D. D. Hubbell. 2,045,654; June 30.
- Lens blocking device. J. J. McCabe. 2,031,380; Feb. 18.
- Lens case locking device. W. A. Black. 2,032,866; Mar. 3.
- Lens cinematograph machine, Moving. W. E. John. 2,034,193; Mar. 17.
- Lens cleaning means. L. A. Gredys. 2,053,475; Sept. 8.
- Lens drilling machine. E. M. Long. 2,058,808; Oct. 27.
- Lens, Electron. C. J. Davisson. 2,055,655; Sept. 29.
- Lens elements, Aligning and holding. E. D. Tillyer. 2,042,565; June 2.
- Lens, Fluted headlight. A. N. Taylor. 2,063,207; Dec. 8.
- Lens for head lamps and the like. J. L. Koubek. 2,033,382; Mar. 10.
- Lens grinding machine. J. A. Cook. 2,051,329; Aug. 18.
- Lens grinding machine. L. G. Simpson. 2,065,103; Dec. 22.
- Lens, Inspection. T. M. Towne. 2,027,130; Jan. 7.
- Lens mount. G. G. Moreno. 2,041,012; May 19.
- Lens mount. L. E. Whittaker. 2,027,411; Jan. 14.
- Lens mount. A. Wollensak. 2,026,724; Jan. 7.
- Lens mount, Adjustable. C. W. Crumrine. 2,039,709; May 5.
- Lens, Multifocal. S. Sterling. 2,035,846; Mar. 31.
- Lens of an eye, Method of and apparatus for the intracapsular extraction of the crystalline. F. Richman. 2,033,397; Mar. 10.
- Lens, One-piece multifocal. A. D. Hurst and F. E. Duckwall. 2,050,755; Aug. 11.
- Lens, Ophthalmic. H. R. Moulton. 2,050,540; Aug. 11.
- Lens, Ophthalmic. N. H. Price. 2,053,377; Sept. 8.
- Lens, Ophthalmic. N. Singer. 2,043,840; June 9.
- Lens, Ophthalmic. E. D. Tillyer. 2,049,095; July 28.
- Lens, Ophthalmic. E. D. Tillyer and H. W. Hill. 2,048,304; July 21.
- Lens, Ophthalmic. E. D. Tillyer and H. R. Moulton. 2,033,101; Mar. 3.
- Lens, Ophthalmic. J. C. Wells. 2,054,351; Sept. 15.
- Lens optical slit for sound recording, Cylindrical. J. H. Emmerich. 2,036,622; Apr. 7.
- Lens repair device, Ophthalmic. C. V. Sigler. 2,049,326; July 28.
- Lens retaining device. M. J. Belson. 2,056,153; Oct. 6.
- Lens, Shading. E. S. Hemmerly. 2,063,502; Dec. 8.
- Lens-stereoscope. L. E. W. van Albada. 2,033,902; Mar. 10.
- Lens suspension, Ophthalmic. R. G. Stayman. 2,057,855; Oct. 20.
- Lens system for lenticular films, Optical. K. Rantsch. 2,062,146; Nov. 24.
- Lens system, Photographic. J. Sussman. 2,033,596; Mar. 10.
- Lens, Variable focus correcting. H. S. Newcomer. 2,048,284; July 21.
- Lens with elliptic segment, Ophthalmic. O. G. Haussmann. 2,052,825; Sept. 1.
- Lenses, Making. E. J. Reh. 2,054,166; Sept. 15.
- Lenses, Making multifocal. H. J. Newell. 2,035,827; Mar. 31.
- Lenses, Making ophthalmic. W. Bausch. 2,026,606; Jan. 7.
- Lenses, Making ophthalmic. E. D. Tillyer. 2,049,094; July 28.
- Lenses, Manufacture of ophthalmic. W. Bausch. 2,059,767; Nov. 3.
- Lenses, Surfacing solid bifocal. H. A. Courmettes. 2,040,242; May 12.
- Let-off. O. V. Payne. 2,062,725; Dec. 1.
- Letter scale. J. C. Fryer. 2,060,064; Nov. 10.
- Lettering guide. A. F. Cousin. 2,041,993; May 26.
- Lettuce and the like, Apparatus for harvesting and packing. E. W. Vessey. 2,045,149; June 23.
- Leuco compounds, Formation of. L. S. Bake. 2,027,144; Jan. 7.
- Levees, Building. W. E. Philips. 2,040,022; May 5.
- Level. C. G. Wahlstrom and W. Nielsen. 2,057,404; Oct. 13.
- Level and drainage projection instrument. E. T. Kemp. 2,065,530; Dec. 29.
- Level and inclinometer. C. A. Stockholm. 2,042,365; May 26.
- Level control for aircraft, Automatic. B. G. Carlson. 2,045,579; June 30.
- Level flight indicator. P. Kollsman. 2,036,581; Apr. 7.
- Level indicating apparatus. H. F. Hitner. 2,032,016; Feb. 25.
- Level-indicating device. W. H. Muirhead and C. W. Martin. 2,047,327; July 14.
- Level, Method and apparatus for controlling. G. H. Leland. 2,052,635; Sept. 1.
- Level, Road-grader. P. Persson. 2,040,708; May 12.
- Leveling device, Automatic. J. A. Bartholomew. 2,037,057; Apr. 14.
- Leveling device for elevators, Automatic. J. F. Clancy. 2,044,152; June 16.
- Lever. S. A. Snell. 2,062,768; Dec. 1.
- Lever, Bearing and pump operating. J. P. Ratigan. 2,057,917; Oct. 20.
- Lever, Brake extension. J. R. Thorp and S. Strand. 2,065,837; Dec. 29.
- Lever mechanism for shears, Compensating. A. J. Libert. 2,059,644; Nov. 3.
- Lever, Toilet tank. E. H. Kleiser, Jr. 2,061,310; Nov. 17.
- Lever with switch, Control. G. E. Warren and G. F. Haberstro, Jr. 2,049,145; July 28.
- Leverage mechanism for vehicle brakes, Variable. B. H. Browall. 2,042,649; June 2.
- License plate container, Illuminated locked. J. C. Marsala. 2,045,863; June 30.
- License plate for automobiles. B. C. Rash. 2,032,026; Feb. 25.
- License plate holder. H. J. Zerbst. 2,062,156; Nov. 24.
- License plate holder, Automobile. W. H. Hobby. 2,062,057; Nov. 24.
- License plate holder for automobiles. F. Fuchs. 2,031,154; Feb. 18.
- License plate holder, Illuminated. D. L. Rioux. 2,057,249; Oct. 13.
- License plate holder, Motor vehicle. J. J. Walton. 2,057,461; Oct. 13.
- License plate, Locked. C. L. Fortinberry. 2,056,181; Oct. 6.
- License plate locking device, Automobile. F. L. McCulloch. 2,042,267; May 26.
- License plate or the like, Vehicle. E. V. Myers. 2,063,823; Dec. 8.
- License plate securing device. J. Pothier. 2,054,468; Sept. 15.
- Lid, Journal box. G. A. Woodman. 2,044,040; June 16.
- Lid, Journal box. G. A. Woodman. 2,060,602; Nov. 10.
- Lid locking device. E. Wirz. 2,063,213; Dec. 8.
- Lid or end of containers made of cardboard or like materials. H. G. W. Hosking. 2,049,379; July 28.
- Lifeboat, Handling a ship's. A. P. Schat. 2,044,403; June 16.
- Lifeboat launching apparatus. J. L. Hyland. 2,045,603-4; June 30.
- Life boat launching apparatus. J. L. Hyland. 2,054,726; Sept. 15.
- Lifeboat launching device. J. Badovici. 2,057,995; Oct. 20.
- Life boat launching device. J. L. Hyland. 2,054,083; Sept. 15.
- Life boats, Apparatus for launching. R. C. Wilson. 2,042,753; June 2.
- Life guard for vehicles. V. J. Clifford. 2,040,360; May 12.
- Life preserver, Automatic automobile. R. L. Wethington. 2,050,141; Aug. 4.
- Life saving apparatus. H. W. Walters. 2,050,138; Aug. 4.
- Lifesaving device, Ship's. H. Barlow and T. Birkland. 2,060,792; Nov. 17.
- Lifesaving equipment for marine vessels. W. R. Shultz. 2,030,768; Feb. 11.
- Life saving equipment for submarines. F. Sheplin and G. Macchianich. 2,041,971; May 26.
- Lift. C. W. Elserer. 2,026,938; Jan. 7.
- Lift. N. C. Smart and B. F. Moss. 2,044,126; June 16.
- Lift, Automatic. A. F. Anjeskey. 2,035,359; Mar. 24.
- Lift, Automatic. K. R. Weise. 2,035,355; Mar. 24.
- Lift bridge. J. B. Strauss. 2,047,601; July 14.
- Lift controlling system. N. C. Smart. 2,056,626; Oct. 6.
- Lift, Electrically operated. A. A. Chubb. 2,065,793; Dec. 29.
- Lift for chairs, Electrically operated raising and lowering. C. K. Lamb. 2,034,624; Mar. 17.
- Lift, Multipost. I. von K. Hott. 2,057,335; Oct. 13.
- Lift, Portable vehicle. J. D. Cochran. 2,054,555; Sept. 15.
- Lift, Vehicle. A. L. Baethge. 2,047,934; July 21.
- Lifter - See -
- Face lifter. Tee and ball lifter.
  - Jar lifter. Valve lifter.
  - Pie plate lifter. Valve spring lifter.
  - Stove lid lifter.
- Lifter apparatus for spinning machines. E. Kinsella and C. W. Addy. 2,064,922; Dec. 22.
- Lifter motion of spinning machines. E. Kinsella and C. W. Addy. 2,064,923; Dec. 22.
- Lifter motion of spinning apparatus. E. Kinsella and C. W. Addy. 2,064,924; Dec. 22.
- Lifting apparatus for motor vehicles. D. B. Tozzi. 2,054,455; Sept. 15.



- Lifting device. J. J. Smith. 2,051,655; Aug. 18.  
 Lifting device for aircraft. A. M. King. 2,034,761; Mar. 24.  
 Lifting jack. J. A. Adell. 2,033,503; Mar. 10.  
 Lifting jack. L. C. Berman. 2,031,815; Feb. 25.  
 Lifting jack. W. J. Fiedler. 2,031,700; Feb. 25.  
 Lifting jack. G. H. Greiman. 2,043,479; June 9.  
 Lifting jack. N. G. Jensen. 2,065,277; Dec. 22.  
 Lifting jack. D. R. Johnson. 2,044,699; June 16.  
 Lifting jack. S. Jordan. 2,062,132; Nov. 24.  
 Lifting jack. M. Kruse. 2,046,918; July 7.  
 Lifting jack. S. A. Snell. 2,054,025; Sept. 8.  
 Lifting jack. C. B. Woodworth. 2,060,780; Nov. 10.  
 Lifting jack, Fluid pressure operated. D. W. Sessions. 2,065,030; Dec. 22.  
 Lifting jack, Multiple joint pneumatic. A. G. Robinson. 2,065,096; Dec. 22.  
 Lifting mechanism. I. Von K. Hott. 2,053,368; Sept. 8.  
 Lifting mechanism. R. E. Smith. 2,026,853; Jan. 7.  
 Light: See—  
   Automobile signal light. Portable light.  
   Battery light. Position light.  
   Dental light. Protective dial light.  
   Driving light. Signal light.  
   Electric light. Telephone dial light.  
   Float light. Traffic light.  
   Ground light. Turn indicating light.  
   Marker light. Wall light.  
 Light and flower holder, Combined. N. P. and W. A. Fletcher. 2,060,005; Nov. 10.  
 Light and test lamp, Utility. A. I. Hammer. 2,027,096; Jan. 7.  
 Light and the like, Roof. G. H. Lenke. 2,055,901; Sept. 29.  
 Light baffling screen. C. W. Cole. 2,028,499; Jan. 21.  
 Light changer, Automatic. F. E. Garbutt, T. Ingman, and H. G. Cunningham. 2,061,069; Nov. 17.  
 Light concentrate method and means. W. J. Morrissey. 2,031,971; Feb. 25.  
 Light control, Automatic. J. J. Kundig. 2,045,274; June 23.  
 Light control device. T. H. Long. 2,036,286; Apr. 7.  
 Light control strip for cinematographic printing machines. A. L. V. C. Debrie. 2,065,057; Dec. 22.  
 Light control system. F. I. Getty. 2,053,187; Sept. 1.  
 Light controlled device or apparatus. J. Dorn. 2,047,013; July 7.  
 Light conversion system. E. A. Rockwell. 2,028,475; Jan. 7.  
 Light diffusion fixture. S. Kramer. 2,063,744; Dec. 8.  
 Light dividing device. A. G. Hillman. 2,043,292; June 9.  
 Light effects, Apparatus for producing vibrating. J. König. 2,040,006; May 5.  
 Light-exposure in cameras while focusing the same, Determining the exact. E. S. Hinehine. 2,048,655; July 21.  
 Light fixture hanger and socket, Interchangeable electric. V. V. Veysey and H. R. Andersen. 2,031,914; Feb. 25.  
 Light for automobiles, Safety traffic. F. R. Barclay. 2,041,315; May 19.  
 Light for motor vehicle, Signal. H. O. Smith. 2,026,710; Jan. 21.  
 Light for the photoelectric impression of sound on a photo-sensitive surface, Modulating. A. Laffon y Soto. 2,044,188; June 16.  
 Light having a high power arc lamp, Tilttable search. C. Büchele and K. Prinz. 2,055,680; Sept. 29.  
 Light indicator. M. H. Mellen. 2,053,674; Sept. 8.  
 Light intensity indicator. H. E. Plishker. 2,046,409; July 7.  
 Light, Means for projecting. R. H. Hummert. 2,038,514; Apr. 21.  
 Light measuring instrument. L. R. Kelffer. 2,039,083; Apr. 28.  
 Light mixing apparatus. W. A. Dorey and H. M. Dixon, Jr. 2,053,325; Sept. 8.  
 Light mixing apparatus. W. A. Dorey and T. W. Rolph. 2,050,429; Aug. 11.  
 Light or photo printing. M. Niederle. 2,041,478; May 19.  
 Light-permeable material. J. Mrazek. 2,033,204; Mar. 10.  
 Light polarizing bodies, Forming improved. E. H. Land. 2,041,138; May 19.  
 Light projecting system. T. and T. Lindenberg, Jr. 2,041,195; May 19.  
 Light projector. G. Kuhn. 2,040,613; May 12.  
 Light protection, Leak. C. C. Fuerst. 2,043,926; June 9.  
 Light reflecting device. C. E. Waltman. 2,054,014; Sept. 8.  
 Light reflecting means. C. D. Ryder. 2,044,997; June 23.  
 Light regulating means. J. La Via. 2,042,344; May 26.  
 Light regulating means. C. M. and F. E. Tuttle. 2,036,447; Apr. 7.  
 Light relay. R. C. Hitchcock. 2,060,500; Nov. 10.  
 Light responsive apparatus. P. H. Crago. 2,063,298; Dec. 8.  
 Light responsive device. F. H. Shepard, Jr. 2,054,836; Sept. 22.  
 Light responsive device. F. H. Shepard Jr. 2,065,758; Dec. 29.  
 Light sensitive apparatus. H. H. Geffcken and H. R. Richter. 2,048,740; July 28.  
 Light sensitive cell. A. Carpenter and E. Ross. 2,041,816; May 26.  
 Light sensitive cell. E. Praetorius and J. E. Stewart. 2,055,017; Sept. 22.  
 Light-sensitive cell control mechanism. A. G. Rainey. 2,031,503; Feb. 18.  
 Light sensitive cell system. E. L. Koch. 2,048,269; July 21.  
 Light sensitive diazo layers. G. Werner. 2,063,832; Dec. 8.  
 Light-sensitive layer and producing colored pictures. D. K. Allison. 2,034,220; Mar. 17.  
 Light-sensitive material and process. J. H. de Boer and C. J. Dippel. 2,057,016; Oct. 13.  
 Light-sensitive material and producing color pictures therewith, Colored. B. Gáspár. 2,041,827; May 26.  
 Light sensitive surfaces, Apparatus for the treatment of. N. P. Billing. 2,065,506; Dec. 29.  
 Light signal. O. S. Field. 2,037,650; Apr. 14.  
 Light signal. T. J. O'Meara. 2,046,906; July 7.  
 Light signal. J. F. Merkel. 2,035,395; Mar. 24.  
 Light signal. E. W. Moore. 2,052,146; Aug. 25.  
 Light signal system for railroads. O. H. Dicke. 2,065,663; Dec. 29.  
 Light signal unit. E. W. Moore. 2,035,397; Mar. 24.  
 Light source, Cold. J. B. Davis and J. L. Simpson. 2,027,519; Jan. 14.  
 Light source, Incandescent. P. T. Farnsworth and H. S. Bamford. 2,066,070; Dec. 29.  
 Light supporting device, Extension. J. Buck. 2,027,575; Jan. 14.  
 Light target for illumination meters. W. N. Goodwin, Jr. 2,030,250; Feb. 11.  
 Light translating apparatus. O. Schriever. 2,050,737; Aug. 11.  
 Light translating system. R. H. Ranger. 2,037,590; Apr. 14.  
 Light-transmitting sheet, Reenforced. R. T. Hosking. 2,028,670; Jan. 21.  
 Light trap for film magazines. A. W. Tondreau. 2,055,113; Sept. 22.  
 Light valve. F. W. Okolicsanyi. 2,055,584; Sept. 29.  
 Light variations by frequency variations, Transmission of. J. H. Hammond, Jr. 2,036,869; Apr. 7.  
 Lightweight unit. G. B. Brown. 2,043,988; June 16.  
 Lighter. L. H. Best. 2,029,697; Feb. 4.  
 Lighter. M. Gabritsch. 2,045,457; June 23.  
 Lighter. P. S. Harper. 2,054,250; Sept. 15.  
 Lighter. A. F. Jackson. 2,037,027; Apr. 14.  
 Lighter. A. Kilstrom. 2,038,048; Apr. 21.  
 Lighter. H. Silberknopf. 2,027,294; Jan. 7.  
 Lighter. F. A. Whittaker. 2,053,455; Sept. 8.  
 Lighter and case, Combined cigarette. F. LeVoci. 2,032,094; Jan. 25.  
 Lighter and cigarette inclosing device, Combination pocket. W. A. Dion. 2,033,184; Mar. 10.  
 Lighter and gas server, Automatic. C. F. White. 2,028,032; Jan. 14.  
 Lighter, Catalytic. A. F. Reilly. 2,052,111; Aug. 25.  
 Lighter, Cigar. P. E. Ashton. 2,060,783; Nov. 17.  
 Lighter, Cigar. J. H. Cohen. 2,035,864; Mar. 31.  
 Lighter, Cigar. J. H. Cohen. 2,037,882; Apr. 21.  
 Lighter, Cigar. O. Fairless. 2,062,703; Dec. 1.  
 Lighter, Cigar. J. Holtzman. 2,035,886; Mar. 31.  
 Lighter, Cigar. F. Ringer. 2,059,807; Nov. 3.  
 Lighter, Cigarette. L. K. Davis. 2,052,016; Aug. 25.  
 Lighter, Cigarette. I. Florman. 2,030,364; Feb. 11.  
 Lighter, Cigarette. I. Florman. 2,032,273; Feb. 25.  
 Lighter, Cigarette. I. Florman. 2,045,456; June 23.  
 Lighter, Cigarette. I. Florman. 2,046,066; June 30.  
 Lighter construction, Pyrophoric. L. V. Aronson. 2,053,649; Sept. 8.  
 Lighter, Electric gas. W. J. Reeves. 2,037,148; Apr. 14.  
 Lighter, Electrically-operated cigarette. D. T. S. MacLennan. 2,030,011; Feb. 4.  
 Lighter element, Switch-controlling cigar. L. Ludwig. 2,055,202; Sept. 22.  
 Lighter, Fire. S. S. Fernandez. 2,052,925; Sept. 1.  
 Lighter, Flaming. D. A. Richards. 2,036,885; Apr. 7.  
 Lighter for furnaces, Fuel. D. H. Scranton and R. P. Moore. 2,047,523; July 14.  
 Lighter for gas furnaces and the like, Automatic. W. W. Norton. 2,041,014; May 19.  
 Lighter for oil burners, Electric. C. Y. Chittick. 2,062,556; Dec. 1.  
 Lighter heating element, Cigar. J. H. Cohen. 2,062,701; Dec. 1.  
 Lighter mechanism, Pyrophoric. C. J. Lagerholm. 2,030,831; Feb. 11.  
 Lighter, Pocket. G. Gimera and G. G. Blaisdell. 2,032,695; Mar. 3.  
 Lighter, Pocket. H. Maltner. 2,066,210; Dec. 29.  
 Lighter, Push button. Z. A. Trow. 2,061,926; Nov. 24.  
 Lighter, Pyrophoric. A. Kaufmann. 2,065,374; Dec. 22.  
 Lighting apparatus, Electric. J. O. Cadieux. 2,043,793; June 9.  
 Lighting apparatus, Electric. A. Claude. 2,029,986; Feb. 4.  
 Lighting apparatus, Photographer's. A. E. Lipp. 2,048,013; July 21.  
 Lighting, Automobile. W. F. Beisley, H. D. Spradlin, L. R. Deadrich, and R. H. Echhoff. 2,064,054; Dec. 15.  
 Lighting control apparatus for airdromes. G. H. Williams. 2,052,333; Aug. 25.  
 Lighting device. J. C. Asch. 2,036,616; Apr. 7.  
 Lighting device. O. J. Leins and H. E. Toelle. 2,046,828; July 7.  
 Lighting device, Decorative. P. C. Dittman. 2,063,153; Dec. 8.



- Lighting device for automobiles. L. E. Tarbox. 2,031,342; Feb. 18.
- Lighting device for cigarettes. N. Peterson. 2,029,186; Jan. 28.
- Lighting fixture. P. I. and M. A. Elias, 2d. 2,063,730; Dec. 8.
- Lighting fixture. G. E. Glatthar and F. Wening. 2,032,798; Mar. 3.
- Lighting fixture. H. A. Perlmutter. 2,057,263; Oct. 13.
- Lighting fixture. I. M. Schaffer. 2,047,921; July 14.
- Lighting fixture. W. A. Stone. 2,065,626; Dec. 29.
- Lighting fixture. M. A. Summerour and H. C. Devine, Jr. 2,065,105; Dec. 22.
- Lighting fixture. M. E. Surface. 2,026,756; Jan. 7.
- Lighting fixture. M. E. Surface. 2,062,772; Dec. 1.
- Lighting fixture. L. S. Webster. 2,054,457; Sept. 15.
- Lighting fixture. A. E. Wiedenhoef and H. A. Best. 2,038,817; Apr. 28.
- Lighting fixture, Decorative. J. F. Donovan and F. J. Malloy. 2,053,139; Sept. 1.
- Lighting fixture, Explosion resisting. H. P. Hastings. 2,051,479; Aug. 18.
- Lighting fixture, Portable electric. C. A. Pierson. 2,034,353; Mar. 17.
- Lighting generator. O. Bayerdörfer. 2,056,557; Oct. 6.
- Lighting system. W. C. Edwards and S. R. Conwell. 2,059,780; Nov. 3.
- Lighting system. J. H. Homrighous. 2,041,412; May 19.
- Lighting system. J. L. Koubek and C. A. Michel. 2,033,381; Mar. 10.
- Lighting system and apparatus. S. F. Arbuckle and G. H. Coulter. 2,030,620; Feb. 11.
- Lighting system controlled by photoelectric cell. A. J. McMaster. 2,043,671; June 9.
- Lighting system, Electric. D. Davis, G. Ellis, and H. J. Coates. 2,057,184; Oct. 13.
- Lighting system, Electric. E. Heymann and F. W. Heymann. 2,059,350; Nov. 3.
- Lighting system for automobile vehicles. H. Matha. 2,037,863; Apr. 21.
- Lighting system for vehicles. C. P. Sorensen. 2,046,976; July 7.
- Lighting system, Motor vehicle. J. Siegfried. 2,065,876; Dec. 29.
- Lighting unit, Direct. C. E. Ferree and G. R. Ferree. 2,033,235; Mar. 10.
- Lighting unit, Explosion resisting. H. P. Hastings. 2,050,839; Aug. 11.
- Lighting unit, Street. C. A. B. Halvorson. 2,040,690; May 12.
- Lightning arrester. R. H. Earle. 2,032,566; Mar. 3.
- Lightning arrester. D. R. Kellogg. 2,050,334; Aug. 11.
- Lightning guard for transmission lines. J. T. Lusignan, Jr. 2,036,225; Apr. 7.
- Lightning-stroke generator. P. L. Bellaschi. 2,032,904; Mar. 3.
- Lights, Apparatus for indicating a nonoperative condition of vehicle. H. L. Black. 2,039,516; May 5.
- Lignocellulosic material. H. Dreyfus. 2,047,314; July 14.
- Lime and gypsum, Reacting caustic. P. C. Choate and A. K. Hobby. 2,063,488; Dec. 8.
- Lime-cement container. G. C. Woodruff. 2,063,650; Dec. 8.
- Lime compositions, Forming. C. I. Chubbuck. 2,064,588; Dec. 15.
- Lime, magnesia- and acid-resisting sulphonates produced from unsaturated fatty alcohols. W. Schrauth and R. Hueter. 2,044,919; June 23.
- Lime, Making a low consistency hydrated. F. C. Welch. 2,044,553; June 16.
- Lime product and making the same. E. E. Radcliffe. 2,055,773; Sept. 29.
- Lime putty, Aging. W. H. Brooks and F. M. Taylor. 2,041,813; May 26.
- Lime slaking apparatus. E. E. Harper. 2,033,194; Mar. 10.
- Limestone and recovering carbon dioxide, Method and apparatus for burning. E. P. Gillette. 2,047,064; July 7.
- Limit depth gauge. L. L. Schauer and A. M. Sosa. 2,033,484; Mar. 10.
- Line casting and composing machine. L. M. Potts. 2,057,652; Oct. 13.
- Line casting and composing machine. L. M. Potts. 2,062,332; Dec. 1.
- Line casting machine. H. R. Freund and R. H. Turner. 2,050,222; Aug. 4.
- Line casting machine. L. M. Walden. 2,058,195; Oct. 20.
- Line casting machine. L. W. Willis. 2,053,232; Sept. 1.
- Line drying reel. H. Tueckmantel. 2,041,384; May 19.
- Line hanger. J. C. Kniedler. 2,040,746; May 12.
- Line holder. W. J. Martin. 2,043,299; June 9.
- Line holding trig, Mason's. J. Riley. 2,030,539; Feb. 11.
- Lineman's indicator for football games. S. E. Borleske. 2,060,165; Nov. 10.
- Line setting device for flat writing machines. R. Flerz. 2,049,901; Aug. 4.
- Line splice. J. Van Buskirk. 2,040,678; May 12.
- Line tightener. A. Gladstone. 2,065,577; Dec. 29.
- Line to a ball, Device for connecting a. O. C. Mays. 2,048,277; July 21.
- Line transfer box. O. L. Weber. 2,048,307; July 21.
- Linear guide. R. Mechau. 2,034,110; Mar. 17.
- Liner. G. H. Graham and L. Robertson. 2,040,516; May 12.
- Liner. J. T. Heckel and R. S. Walker. 2,055,625; Sept. 29.
- Liner, Corrugated. D. E. Lower and M. P. Roche. 2,034,627; Mar. 17.
- Liner, Cuspidor. F. E. Rohrmann. 2,057,846; Oct. 20.
- Liner, Engine cylinder. F. B. Stearns. 2,049,631; Aug. 4.
- Liner for a brake drum and making the drum. R. E. Surtees. 2,028,573; Jan. 21.
- Liner for sink strainers. H. C. Harvey. 2,033,285; Mar. 10.
- Liner, Fruit box. B. M. Hoblick. 2,038,790; Apr. 28.
- Liner or the like, Basket. W. J. Miskella. 2,033,728; Mar. 10.
- Liner pulling device. C. White and O. B. Graham. 2,039,371; May 5.
- Liner rest. W. Horn. 2,033,521; Mar. 10.
- Liner, Tunnel. C. B. Cushwa. 2,046,727; July 7.
- Liner, Tunnel. J. R. Freeze and A. W. Spaulding. 2,062,706; Dec. 1.
- Liner, Tunnel. C. T. Whitescarver. 2,042,327; May 26.
- Liner washer. J. A. Wilcox. 2,042,817; June 2.
- Linners in brake drum shells, Centrifugally casting. W. D. Sargent. 2,044,815; June 23.
- Lining and beveling machine. V. Royle. 2,027,934; Jan. 14.
- Lining and material therefor, Furnace. H. H. Blau and H. N. Baumann, Jr. 2,043,029; June 2.
- Lining, Bedpan. E. C. Ebert. 2,063,797; Dec. 8.
- Lining, Box. J. W. Trew. 2,038,774; Apr. 28.
- Lining, Brake and friction. D. W. Fether. 2,033,968; Mar. 17.
- Lining for centrifugal baskets, Grid. E. Roberts. 2,028,168; Jan. 21.
- Lining for fruit boxes and the like. R. D. Croce. 2,031,694; Feb. 25.
- Lining for garments. F. Jones. 2,056,068; Sept. 29.
- Lining for rubber footwear, Knitted. R. M. Holden and J. F. Roberts. 2,028,746; Jan. 28.
- Lining for vessels. J. Carlstrom. 2,028,967-8; Jan. 28.
- Lining for vessels, Protective. L. A. Mekler. 2,056,732; Oct. 6.
- Lining for window channels. D. C. Bailey. 2,058,942; Oct. 27.
- Lining, Window glass channel. D. C. Bailey. 2,058,943; Oct. 27.
- Lining for window guides and applying the same. E. R. Creamer. 2,027,811; Jan. 14.
- Lining holder for automobile bodies. O. O. Bowers. 2,036,390; Apr. 7.
- Lining, Hot top. W. W. Urmetz. 2,046,043; June 30.
- Lining, Necktie. M. J. Mack. 2,049,743; Aug. 4.
- Lining, Retort. C. L. Newport and H. C. Smith. 2,033,644; Mar. 10.
- Lining, Staggered riveted Jordan. H. D. Stuck and P. A. De Nault. 2,052,197; Aug. 25.
- Lining support for furnaces, Refractory. J. W. Corrison. 2,063,229; Dec. 8.
- Linings, Fitting Jordan shell. H. D. Stuck. 2,029,123; Jan. 28.
- Linings, Forming refrigerator. R. H. Money. 2,028,943; Jan. 28.
- Lingerie tape holder. F. J. Swayne. 2,059,618; Nov. 3.
- Link assembly. R. F. Peo. 2,036,234; Apr. 7.
- Link, Connecting. G. W. Hall and C. C. Barton. 2,033,766; Mar. 10.
- Link, Coupling. E. W. Himberger. 2,031,889; Feb. 25.
- Link, Crawler wheel. A. P. Armington. 2,046,299; June 30.
- Link for chains, Connecting. L. E. Younie. 2,052,066; Aug. 25.
- Link, Fusible. F. C. La Mar. 2,028,720-1; Jan. 21.
- Link retainer for well casing elevators. C. A. Lundeen. 2,064,930; Dec. 22.
- Link sausage heater. H. E. McCormack. 2,039,545; May 5.
- Link transmission, Push-pull. H. W. Clute. 2,045,261; June 23.
- Link type hinge. G. Demuth. 2,031,526; Feb. 18.
- Link, Yield. W. B. Klemperer and P. D. Field. 2,050,187; Aug. 4.
- Links of separable fasteners. D. Marinsky. 2,041,558; May 19.
- Linoleum and manufacturing. R. D. Bonney and W. S. Egge. 2,050,646; Aug. 11.
- Linoleum, Method and apparatus for making. L. S. Rosener. 2,038,238; Apr. 21.
- Linoleum tile or the like. E. Veltung. 2,030,556; Feb. 11.
- Linoleum, Trimming. C. H. Gluesing. 2,041,240; May 19.
- Lint from cotton goods, Removing. K. B. Cumpston and P. E. Hopper. 2,050,164; Aug. 4.
- Lintel. C. F. Davis. 2,066,253; Dec. 29.
- Lipstick. S. Freeman. 2,065,800; Dec. 29.
- Lip stick. M. E. Lessin. 2,039,323; May 5.
- Lip stick box. W. S. Erbele. 2,030,058; Feb. 11.
- Lipstick case. C. E. Marshall. 2,055,203; Sept. 22.
- Lipstick container. G. J. Danco. 2,057,085; Oct. 13.
- Lip stick holder. J. W. Fitz Gerald. 2,033,333; Mar. 10.
- Lip stick holder. N. Kasdan and R. F. Landwehr. 2,043,250; June 9.
- Lipstick holder. N. Kasdan and D. Pollack. 2,057,720; Oct. 20.
- Lipstick holder. J. Lee. 2,064,557; Dec. 15.
- Lipstick holder. E. J. Martin. 2,054,826; Sept. 22.
- Lipstick holder. A. Mitchell. 2,057,260; Oct. 13.
- Lipstick holder. A. Mitchell. 2,064,555; Dec. 15.



- Lipstick holder. P. A. Reutter. 2,064,556; Dec. 15.  
 Lip stick holder. B. A. Seaver. 2,032,669; Mar. 3.  
 Lip stick, One-handed. E. S. Cornell, Jr. 2,026,868; Jan. 7.  
 Lip stick package. C. Bustamante. 2,042,584; June 2.  
 Liquid and gas contacting apparatus. J. A. Campbell. 2,061,830; Nov. 24.  
 Liquid and fluid actuating device. A. Wicha. 2,030,131; Feb. 11.  
 Liquid and separating gas therefrom, Apparatus for pumping. P. S. Morgan. 2,046,904; July 7.  
 Liquid, Apparatus for delivering measured quantities of. R. E. Handford. 2,056,923; Oct. 6.  
 Liquid, Apparatus for dispensing. F. C. Pfeil. 2,030,534; Feb. 11.  
 Liquid, Apparatus for feeding. D. A. Weber. 2,039,573; May 5.  
 Liquid, Apparatus for measuring. D. R. McGregor. 2,052,577; Sept. 1.  
 Liquid, Apparatus for the distillation of dry cleaning. A. Jones. 2,039,963; May 5.  
 Liquid applicator. A. R. Peat. 2,034,416; Mar. 17.  
 Liquid, Applying. F. J. Williams and H. Howorth. 2,053,306; Sept. 8.  
 Liquid bag. A. Richards. 2,041,515; May 19.  
 Liquid blasting. E. V. Smith. 2,040,715; May 12.  
 Liquid circulating system. C. W. McCoy. 2,043,762; June 9.  
 Liquid, Clarifying. R. D. and M. J. Elliott. 2,057,887; Oct. 20.  
 Liquid coating composition. H. A. Endres. 2,052,391; Aug. 25.  
 Liquid column gravity meter. A. B. Bryan. 2,055,479; Sept. 29.  
 Liquid conductor heater. M. W. Hanks and G. H. Nelson. 2,061,837; Nov. 24.  
 Liquid conductor heater. G. H. Nelson. 2,042,272; May 26.  
 Liquid congealing apparatus. W. B. Anderson. 2,037,520; Apr. 14.  
 Liquid congealing apparatus. J. N. Saler. 2,037,518-19; Apr. 14.  
 Liquid congealing apparatus. J. N. Saler. 2,037,521; Apr. 14.  
 Liquid container. H. H. Pinney and W. H. Klocke. 2,062,190; Nov. 24.  
 Liquid container. S. Scheyer and S. Arcari. 2,057,745; Oct. 20.  
 Liquid container, Electrically heated. C. V. Krichton. 2,056,941; Oct. 13.  
 Liquid container, Portable sealed. A. Diesbourg. 2,038,349; Apr. 21.  
 Liquid control. V. W. Moody. 2,061,204; Nov. 17.  
 Liquid, Controlling the flow of. C. M. Ashley. 2,059,721; Nov. 3.  
 Liquid cooling apparatus. R. Velut. 2,048,902; July 28.  
 Liquid cooling device. G. Jurkat and W. A. Ebert. 2,032,130; Feb. 25.  
 Liquid, Delivering measured quantities of. A. J. Cooper. 2,037,500; Apr. 14.  
 Liquid depth gauge. W. Hanrahan. 2,043,435; June 9.  
 Liquid device. C. S. Hazard. 2,063,892; Dec. 15.  
 Liquid, Device for receiving and discharging measured quantities of. R. Hebeisen. 2,053,714; Sept. 8.  
 Liquid discharge device for centrifugal separators. H. O. Lindgren. 2,059,372; Nov. 3.  
 Liquid dispenser. G. U. Brake. 2,049,405; July 28.  
 Liquid dispenser. C. O. Christianson. 2,055,214; Sept. 22.  
 Liquid dispenser. H. G. Edwards. 2,045,589; June 30.  
 Liquid dispenser. C. H. Erne. 2,042,459; June 2.  
 Liquid dispenser. A. Fine. 2,043,478; June 9.  
 Liquid dispenser. T. T. Graser. 2,063,430; Dec. 8.  
 Liquid dispenser. R. Luthi. 2,061,582; Nov. 24.  
 Liquid dispenser. E. L. Nall. 2,031,616; Feb. 25.  
 Liquid dispenser. H. M. Nicholls. 2,051,055; Aug. 18.  
 Liquid dispenser. W. J. Peter. 2,061,738; Nov. 24.  
 Liquid dispenser. P. M. Prosser. 2,036,539; Apr. 7.  
 Liquid dispenser. P. A. Reutter. 2,032,550; Mar. 3.  
 Liquid dispenser. D. L. Spender. 2,029,743; Feb. 4.  
 Liquid dispenser. E. R. Williams. 2,031,873; Feb. 25.  
 Liquid dispenser, Volumetric. W. E. Barrott. 2,042,455; June 2.  
 Liquid dispensing. G. W. Stedwell. 2,044,027; June 16.  
 Liquid dispensing apparatus. E. H. Bradley. 2,026,959; Jan. 7.  
 Liquid dispensing apparatus. W. M. Carroll. 2,065,052; Dec. 22.  
 Liquid dispensing apparatus. W. H. De Lancey. 2,043,035; June 2.  
 Liquid dispensing apparatus. W. H. De Lancey. 2,051,165; Aug. 18.  
 Liquid dispensing apparatus. W. H. De Lancey. 2,058,138; Oct. 20.  
 Liquid dispensing apparatus. J. W. Haley. 2,046,325; July 7.  
 Liquid-dispensing apparatus. P. P. Krug. 2,057,238; Oct. 13.  
 Liquid dispensing apparatus. A. H. Riney and L. T. Gibbs. 2,033,255; Mar. 10.  
 Liquid dispensing apparatus. M. C. Schwab. 2,065,829; Dec. 29.  
 Liquid dispensing apparatus. J. Thomson. 2,028,302; Jan. 21.  
 Liquid dispensing apparatus, Metered. G. W. Stedwell. 2,034,845; Mar. 24.  
 Liquid dispensing apparatus, Carbonated. W. C. Buttner and S. D. Levings. 2,055,923; Sept. 29.  
 Liquid dispensing apparatus, Coin freed. M. Skreta. 2,050,131; Aug. 4.  
 Liquid dispensing applicator. J. Greskovicz. 2,037,073; Apr. 14.  
 Liquid dispensing device. B. Bigelow. 2,039,624; May 5.  
 Liquid dispensing device. W. H. Bonney. 2,026,818; Jan. 7.  
 Liquid dispensing device. W. A. Bowman. 2,051,981; Aug. 25.  
 Liquid Dispensing unit. L. W. Evans. 2,047,409; July 14.  
 Liquid dispensing device. H. T. Goss and B. Johnsen. 2,028,102; Jan. 14.  
 Liquid dispensing device. D. H. Hawes. 2,063,036; Dec. 8.  
 Liquid dispensing device. H. L. Magill. 2,060,512; Nov. 10.  
 Liquid dispensing device. W. A. Martinet. 2,058,027; Oct. 20.  
 Liquid dispensing device. E. L. Nall. 2,029,334; Feb. 4.  
 Liquid dispensing device. C. W. Smith. 2,055,509; Sept. 29.  
 Liquid dispensing device. L. C. Smith. 2,063,002; Dec. 1.  
 Liquid dispensing device for bottles. L. R. Paul. 2,039,658; May 5.  
 Liquid dispensing machine. M. B. Colton. 2,044,153; June 18.  
 Liquid dispensing means. L. L. DaCosta. 2,042,928; June 2.  
 Liquid evacuating system. R. W. Sinks. 2,054,488; Sept. 15.  
 Liquid expresser. L. F. Ducker. 2,064,787; Dec. 15.  
 Liquid feed apparatus, Proportional. L. C. Bird, H. M. Rexrode, and R. R. Chappell. 2,042,383; May 26.  
 Liquid feeder. L. B. Paine. 2,064,627; Dec. 15.  
 Liquid flow measuring and control apparatus. E. L. Johnson, L. Linda, and J. G. Prosser. 2,035,371; Mar. 24.  
 Liquid for use in shock absorbers, Viscous. G. L. Mathe-son. 2,058,899; Oct. 27.  
 Liquid fuel burner. H. Guhl, F. W. O. Dorl, and K. Gargel. 2,059,638; Nov. 3.  
 Liquid fuel burner. J. McDonald. 2,049,509; Aug. 4.  
 Liquid fuel burner. R. M. Sherman. 2,032,332; Feb. 25.  
 Liquid fuel burner. R. M. Sherman. 2,032,334; Feb. 25.  
 Liquid fuel burning equipment. J. McDonald. 2,049,508; Aug. 4.  
 Liquid gauge. J. J. Brown. 2,053,460; Sept. 8.  
 Liquid heat motor. L. M. Persons. 2,050,668; Aug. 11.  
 Liquid heater. E. J. Te Pas. 2,060,139; Nov. 10.  
 Liquid heater. H. Treiber. 2,034,123; Mar. 17.  
 Liquid heating device. S. A. Lerouge. 2,062,721; Dec. 1.  
 Liquid heating means. L. S. Chadwick, M. Resek, and C. J. Kessler. 2,035,269; Mar. 24.  
 Liquid impelling system. L. D. Jones. 2,064,799; Dec. 15.  
 Liquid in receptacles, Apparatus for indicating the height of. L. S. Shalatow. 2,040,357; May 12.  
 Liquid indicator. W. J. Wixson. 2,046,668; July 7.  
 Liquid, Insulating. H. D. Holler. 2,036,274; Apr. 7.  
 Liquid into its constituent parts, Separating a. P. Schuf-tan, E. Karwat, and A. Steinbach. 2,057,598; Oct. 13.  
 Liquid leakage detector. P. Montgomery. 2,043,857; June 9.  
 Liquid level control device. J. Swinburne. 2,059,716; Nov. 3.  
 Liquid level gauge. C. Knobloch. 2,042,471; June 2.  
 Liquid level gauge. G. R. Larkin. 2,032,370; Mar. 3.  
 Liquid level gauge. N. Saruchanoff. 2,033,153; Mar. 10.  
 Liquid level gauge. E. A. Zevly and A. B. McCabe. 2,051,669; Aug. 18.  
 Liquid level gauge, High pressure. J. R. Brown. 2,065,646; Dec. 29.  
 Liquid level gauge, Illuminated. G. E. Sams. 2,036,777; Apr. 7.  
 Liquid level indicator. L. B. Bacon. 2,054,212; Sept. 15.  
 Liquid level indicator. L. S. Chalataw. 2,037,879; Apr. 21.  
 Liquid level indicator. C. Pyle, 3d and R. T. VanNess. 2,041,859; May 26.  
 Liquid level responsive device. P. A. Elfers. 2,041,997; May 26.  
 Liquid measuring and dispensing device, Coin operated. E. Getaz. 2,049,836; Aug. 4.  
 Liquid measuring apparatus. R. E. Handford. 2,052,530; Aug. 25.  
 Liquid measuring apparatus. L. W. Kinney, Jr. 2,057,034; Oct. 13.  
 Liquid measuring apparatus. I. Müller. 2,061,917; Nov. 24.  
 Liquid measuring device. F. W. Guibert. 2,057,333; Oct. 13.  
 Liquid measuring device. M. J. Zwosta. 2,066,169; Dec. 29.  
 Liquid, Method and apparatus for effecting the discharge of a volatile. G. H. Zenner. 2,037,673; Apr. 14.  
 Liquid of cashew nut shells by heat, Expelling the. E. R. Hughes. 2,058,456; Oct. 27.  
 Liquid parting product and applying same. A. Y. Gregory and E. E. Seeley. 2,056,048; Sept. 29.  
 Liquid pressure control unit. T. W. Murphy. 2,032,885; Mar. 3.



- Liquid, Process and apparatus for. J. F. Wait. 2,055,808; Sept. 29.
- Liquid pulp screen. E. J. Trimby. 2,047,808; July 14.
- Liquid pump, Low temperature. J. Okada. 2,054,710; Sept. 15.
- Liquid purifier. C. H. Bichler and G. Eyssartier. 2,061,343; Nov. 17.
- Liquid relief valve. H. F. Vickers. 2,043,453; June 9.
- Liquid residuums, Apparatus for coking. C. J. Pratt. 2,028,166; Jan. 21.
- Liquid spray apparatus. G. G. Budwig. 2,030,853; Feb. 18.
- Liquid spray device. J. P. Desmet. 2,048,847; July 28.
- Liquid spraying device. C. L. Williams. 2,038,778; Apr. 28.
- Liquid sterilizing apparatus. E. Heitzmann. 2,065,583; Dec. 29.
- Liquid supply system. C. F. Beckwith and C. C. Main. 2,034,370; Mar. 17.
- Liquid supply system. C. F. Beckwith and C. C. Main. 2,061,608; Nov. 24.
- Liquid trapping device. L. A. Bliss. 2,029,852; Feb. 4.
- Liquid waxing device. C. Bacher. 2,043,145; June 2.
- Liquids and controlling the ionic content of the vapors and gases, Apparatus for vaporizing. R. J. McRae. 2,036,533; Apr. 7.
- Liquids, and especially lubricants, Apparatus for testing. J. G. Dintilhac. 2,027,903; Jan. 14.
- Liquids and gases, Process and apparatus for the conversion of hydrocarbon. M. P. Youker. 2,035,036; Mar. 24.
- Liquids, Apparatus for aerating. G. S. Higginson. 2,062,994-5; Dec. 1.
- Liquids, Apparatus for cooling. W. C. Wood. 2,055,022; Sept. 22.
- Liquids, Apparatus for cooling and aerating. P. W. Ehle. 2,045,009; June 23.
- Liquids, Apparatus for de-aerating. G. N. Pulley. 2,060,242; Nov. 10.
- Liquids, Apparatus for degasifying. L. Emanuelli. 2,064,650; Dec. 15.
- Liquids, Apparatus for determining the consistency of. F. M. Hess. 2,051,523; Aug. 18.
- Liquids, Apparatus for dispensing. D. A. Craig and V. G. Walsh. 2,033,329; Mar. 10.
- Liquids, Apparatus for dispensing. W. W. Odell. 2,032,432; Mar. 3.
- Liquids, Apparatus for dispensing. E. A. O'Leary. 2,032,095; Feb. 25.
- Liquids, Apparatus for dispensing highly volatile. H. N. Wade. 2,061,013-14; Nov. 17.
- Liquids, Apparatus for emulsifying. A. R. Bannister. 2,056,931; Oct. 6.
- Liquids, Apparatus for heating. A. L. Wright. 2,041,630; May 19.
- Liquids, Apparatus for irradiating. F. W. Robinson and C. J. Larsen. 2,051,395; Aug. 18.
- Liquids, Apparatus for measuring. C. O. J. Montelius. 2,042,725; June 2.
- Liquids, Apparatus for skimming. J. L. Alden and H. A. Anderson. 2,049,937; Aug. 4.
- Liquids, Apparatus for sterilizing aqueous. G. H. Meinzer. 2,061,323; Nov. 17.
- Liquids, Apparatus for testing the viscosity of. C. S. Healy. 2,049,162; July 28.
- Liquids, Apparatus for the delivery of. R. Chermat. 2,063,228; Dec. 8.
- Liquids, Apparatus for treating. W. H. Jackson. 2,042,006; May 26.
- Liquids by means of oligodynamy, Sterilization of. G. A. Krause. 2,046,467; July 7.
- Liquids, Coking hydrocarbon. H. V. Atwell. 2,044,416; June 16.
- Liquids, Coking hydrocarbon. H. V. Atwell. 2,062,254; Nov. 24.
- Liquids, Cooling of. H. Howard. 2,064,833; Dec. 22.
- Liquids, Determining the lubricating qualities of. L. Cammen. 2,037,365; Apr. 14.
- Liquids, Device for aerating fermentation. E. Schattaneck. 2,038,451; Apr. 21.
- Liquids, Device for delivering measured quantities of. H. Budd. 2,031,031; Feb. 18.
- Liquids, Device for inspecting. M. A. Powers. 2,062,929; Dec. 1.
- Liquids, Device for measuring and dispensing. J. F. Werder. 2,036,310; Apr. 7.
- Liquids, Device for metering. E. A. Gorman. 2,057,234; Oct. 13.
- Liquids, Device for treating. G. A. Krause. 2,042,534; June 2.
- Liquids, Electric heating of. B. E. Getchell. 2,052,396; Aug. 25.
- Liquids, Evaporating. C. Theiler. 2,042,488; June 2.
- Liquids, Fractionating. C. C. Benz. 2,034,891; Mar. 24.
- Liquids from airplanes, Apparatus for dispensing. N. E. Oglesby, S. W. Kessler, and A. H. Gilkeson. 2,043,262; June 9.
- Liquids, Heat-treating. E. C. D'Yarmett. 2,040,837; May 19.
- Liquids, Heating. P. Braach. 2,059,623; Nov. 3.
- Liquids, Hydrocarbon. R. B. Day. 2,029,757; Feb. 4.
- Liquids into pressure vessels, Device for introducing. L. S. Twomey. 2,052,855; Sept. 1.
- Liquids, Lifting. A. Boynton. 2,042,583; June 2.
- Liquids, Method and apparatus for cooling. E. A. Humble. 2,064,609; Dec. 15.
- Liquids, Method and apparatus for the regulation of viscosity of. E. H. Peabody and W. H. Martin. 2,042,860; June 2.
- Liquids, Method and apparatus for transferring volatile. M. E. Clawson. 2,058,828; Oct. 6.
- Liquids, Method and apparatus for transporting hydrocarbon. A. H. Riney and L. T. Gibbs. 2,058,355; Oct. 20.
- Liquids, Mixing. G. G. Budwig. 2,061,932; Nov. 24.
- Liquids of different specific gravities on the counter-current principle, Continuous mutual reactions of two. K. Schmid. 2,048,820; July 28.
- Liquids, Process and apparatus for contacting two. R. E. Wilson. 2,029,690; Feb. 4.
- Liquids, Process and apparatus for the continuous extraction or treatment of. C. Coutor. 2,036,924; Apr. 7.
- Liquids, Process of and apparatus for atomizing. C. Fortier. 2,040,302; May 12.
- Liquids, Regenerating absorbent. A. Christensen. 2,029,411; Feb. 4.
- Liquids, semiliquids, and pulps containing finely divided particles of matter, Settling and clarifying. A. J. Elian. 2,046,110; June 30.
- Liquids, Stabilizing dyed hydrocarbon. N. H. Rickles. 2,052,193; Aug. 25.
- Liquids, System for dispensing and metering volatile. F. W. Wilcox. 2,049,239; July 28.
- Liquids, System for metering. R. M. Cutts. 2,048,323; July 21.
- Liquids, System for the storing and handling of volatile or vaporizable. C. Spaeth. 2,038,767; Apr. 28.
- Liquids to concrete surfaces, Apparatus for applying. A. D. Saunders. 2,051,182; Aug. 18.
- Liquids, Treating. W. Page and B. E. Taylor. 2,062,330; Dec. 1.
- Liquids, Treating canned. W. Page and B. E. Taylor. 2,062,331; Dec. 1.
- Liquids with gases, Apparatus for treating. H. B. Jespersen. 2,057,100; Oct. 13.
- Liquids with phosphorus pentoxide, Treating organic. B. Malishev. 2,059,469; Nov. 3.
- Liquor, Dephenolizing ammonia. G. A. Bragg. 2,056,063; Sept. 29.
- Liquor, Manufacture of bi-sulphite. A. L. Miller and G. M. Darby. 2,042,477; June 2.
- Liquor, Production of bi-sulphite. A. L. Miller, R. W. Shafor, and G. M. Darby. 2,042,478; June 2.
- Liquor recovery, Apparatus and process for waste. E. G. Goodell. 2,056,266; Oct. 6.
- Liquors, Accelerated aging of distilled. W. A. Carrell. 2,044,898; June 23.
- Liquors, Aging. J. C. and C. F. Coffman. 2,061,960; Nov. 24.
- Liquors, Manufacturing distilled alcoholic. E. E. Cox. 2,036,167; Mar. 31.
- Liquors, Mercerizing. J. Feldmann. 2,045,074; June 23.
- Liquors, Purifying and aging spirituous. L. A. Yocum. 2,064,330; Dec. 15.
- Liquors, Reducing titanium sulphate. I. J. Krchma. 2,047,208; July 14.
- Liquors, Treating alkali wash. H. E. Drennan. 2,048,784; July 28.
- Liquors, Treating organic waste. E. L. Rinman. 2,034,833; Mar. 24.
- Liquors, Treatment of black. J. A. Hambly. 2,036,213; Apr. 7.
- Lister. W. F. Cogdill. 2,061,348; Nov. 17.
- Lister-planter. S. B. Hendricks and J. M. Markel. 2,031,650; Feb. 25.
- Lister planters, Attachment for. C. K. Shedd and E. V. Collins. 2,029,680; Feb. 4.
- Lister plow attachment for tractors. M. C. Thomas. 2,045,209; June 23.
- Lister shares, Making. C. H. Schumacher. 2,047,293; July 14.
- Listing, adding, and subtracting machine. H. M. Fleming. 2,050,302; Aug. 11.
- Listing adding machine. L. P. Crosman. 2,048,842; July 28.
- Lithium salts and metallic lithium, Production of. O. Roder and H. Siegene. 2,059,750; Nov. 3.
- Lithium salts, Separation of. W. Rosett and F. R. Bichowsky. 2,044,018; June 16.
- Lithographic offset press. J. Schultz. 2,046,189; June 30.
- Lithographic plate graining machine. R. Fritsche. 2,038,352; Apr. 21.
- Lithopone, High strength. L. S. Holstein. 2,058,879; Oct. 27.
- Litter, Adjustable hospital. F. and F. Koenigkramer. 2,035,321; Mar. 24.
- Live center. H. Röhm. 2,056,586; Oct. 6.
- Liver extract, Production of. F. Fenger. 2,045,266; June 23.
- Load carrying device, Pneumatic. J. O. Heinze. 2,062,574; Dec. 1.
- Load controlling apparatus for compressors. C. W. Metzgar. 2,032,429; Mar. 3.
- Load equalizer for deep well pumps. O. D. Le Blanc. 2,056,076; Sept. 29.
- Load handling device. J. B. Dormer. 2,028,442; Jan. 21.
- Load handling mechanism. B. F. Fitch. 2,063,916; Dec. 15.



- Load lifting, carrying, and dumping machine. C. Christiansen. 2,065,171; Dec. 22.
- Load-regulator for piston-compressors, Automatic. A. Hoerbiger and E. Schramm. 2,035,963; Mar. 31.
- Load shifting mechanism for power vehicles. W. Ferris. 2,042,519; June 2.
- Load supporting device for automobiles. A. H. Adams. 2,054,800; Sept. 22.
- Load transmission center joint. R. R. Robertson. 2,049,137; July 28.
- Loader for refuse vehicles. F. Rey. 2,050,806; Aug. 11.
- Loader for vehicles. W. Venema. 2,056,495; Oct. 6.
- Loader, Hay. B. Herwander. 2,041,926; May 26.
- Loading and dumping washer, Automatic. J. L. Boulade. 2,046,607; July 7.
- Loading and unloading device, Truck and trailer. R. H. Berg. 2,045,566; June 30.
- Loading and unloading machine. J. E., W., W., and S. Valli. 2,057,403; Oct. 13.
- Loading and unloading of work in machine tools. H. C. Pierle. 2,042,123; May 26.
- Loading apparatus. T. F. McCarthy. 2,030,145; Feb. 11.
- Loading apparatus. T. F. McCarthy. 2,065,819; Dec. 29.
- Loading device. H. E. Jester. 2,033,243; Mar. 10.
- Loading device for mining machines. M. S. Moore. 2,031,544; Feb. 18.
- Loading device for proofer. F. Marasso. 2,064,437; Dec. 15.
- Loading machine. C. E. Berger and R. C. Parkes. 2,056,501; Oct. 6.
- Loading machine. F. Cartledge. 2,027,091; Jan. 7.
- Loading machine. F. Cartledge. 2,045,008; June 23.
- Loading machine. F. Cartledge. 2,046,016; June 30.
- Loading machine. F. Cartledge. 2,064,104; Dec. 15.
- Loading machine. L. F. Crawford. 2,047,618; July 14.
- Loading machine. F. A. Halleck. 2,030,063; Feb. 11.
- Loading machine. A. C. Wilcox. 2,041,734; May 26.
- Loading means, Adjustable. C. M. Terry. 2,044,452; June 16.
- Loaf bagging device, Sliced. W. Beauclerk. 2,037,362; Apr. 14.
- Loaf divider. H. C. Rhodes. 2,034,772; Mar. 24.
- Loaf feeding attachment for bread wrapping machines. L. Ferenci. 2,044,902; June 23.
- Loaf, Mechanism to assemble a composite. W. W. Hartman. 2,031,949; Feb. 25.
- Loaf of bread, Baking a. L. L. Lassiter. 2,029,664; Feb. 4.
- Loaf rounder. E. W. Planbeck. 2,047,430; July 14.
- Location finder. O. A. Boch. 2,063,906; Dec. 15.
- Lock: See—
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|-----------------------------------|------------------------------|
| Adjustable tumbler lock.          | Ignition lock.               |
| Anti-pick lock.                   | Keyless lock.                |
| Automobile door lock.             | Mortise lock.                |
| Automobile lock.                  | Nut lock.                    |
| Baggage door lock.                | Oar lock.                    |
| Bicycle lock.                     | Oil or gasoline barrel lock. |
| Body lock.                        | Oscillation-type lock.       |
| Bottle stopper lock.              | Overhead door lock.          |
| Brake lock.                       | Panicproof lock.             |
| Cap and wheel lock.               | Permutation lock.            |
| Car door lock.                    | Pin tumbler cylinder lock.   |
| Closure lock.                     | Portable lock.               |
| Clothesline clamp lock.           | Puzzle lock.                 |
| Clutch lock.                      | Refrigerator lock.           |
| Cock lock.                        | Removable plug lock.         |
| Coincidental lock.                | Rope lock.                   |
| Combination lock.                 | Sash lock.                   |
| Compartment lock.                 | Shade cord lock.             |
| Cover lock.                       | Shelf and door lock.         |
| Door lock.                        | Shuttle pin lock.            |
| Drum lock.                        | Sliding panel lock.          |
| Electric combination lock.        | Swivel nut lock.             |
| Electrical and key operated lock. | Time lock.                   |
| Exit door lock.                   | Transmission lock.           |
| Flag lock.                        | Trestle ladder lock.         |
| Fuel tank cap lock.               | Valve lock.                  |
| Gas-tank cap lock.                | Valve spring retainer lock.  |
| Gas tank lock.                    | Wheel and tire lock.         |
| Gear shift lock.                  | Window lock.                 |
|                                   | Yieldable safety lock.       |
- Lock. G. W. Aldeen. 2,049,416; Aug. 4.
- Lock. R. R. Birchfield. 2,050,155; Aug. 4.
- Lock. A. A. Bradshaw. 2,032,974; Mar. 3.
- Lock. J. R. Breen and A. S. Strausbach. 2,028,495; Jan. 21.
- Lock. S. F. Briggs. 2,059,678; Nov. 3.
- Lock. H. J. Federholzner. 2,061,354; Nov. 17.
- Lock. J. W. Fitz Gerald. 2,031,155; Feb. 18.
- Lock. J. W. Fitz Gerald. 2,036,747; Apr. 7.
- Lock. G. D. Full and J. M. Muntner. 2,030,836; Feb. 11.
- Lock. H. M. Gasstrom. 2,055,197; Sept. 22.
- Lock. F. K. Heyer and C. B. Lowe. 2,047,685; July 14.
- Lock. E. N. Jacobi. 2,047,966; July 21.
- Lock. E. N. Jacobi. 2,053,335; Sept. 8.
- Lock. E. N. Jacobi. 2,059,694-8; Nov. 3.
- Lock. W. Ladwig. 2,032,758; Mar. 3.
- Lock. C. Ledin. 2,030,456; Feb. 11.
- Lock. E. F. Lohrs. 2,033,079; Mar. 3.
- Lock. C. B. Lowe. 2,027,186; Jan. 7.
- Lock. C. B. Lowe. 2,036,764; Apr. 7.
- Lock. C. B. Lowe. 2,039,244; Apr. 28.
- Lock. C. B. Lowe. 2,046,831; July 7.
- Lock. C. B. Lowe. 2,049,742; Aug. 4.
- Lock. C. B. Lowe. 2,058,895; Oct. 27.
- Lock. M. C. Maxwell, F. E. Thompson, C. Ledin, and C. B. Lowe. 2,059,129; Oct. 27.
- Lock. A. W. Molinare. 2,035,181; Mar. 24.
- Lock. A. J. Pacewick. 2,034,246; Mar. 17.
- Lock. O. Ritterbusch. 2,065,291; Dec. 22.
- Lock. S. F. Rolph. 2,032,765; Mar. 3.
- Lock. W. R. Schlage. 2,042,025; May 26.
- Lock. W. R. Schlage. 2,065,615; Dec. 29.
- Lock. F. E. Schmidt. 2,028,525; Jan. 21.
- Lock. I. J. Segal. 2,034,359; Mar. 17.
- Lock. S. Segal. 2,061,638; Nov. 24.
- Lock. O. A. Shann. 2,028,171; Jan. 21.
- Lock. O. A. Shann. 2,038,201; Apr. 21.
- Lock. R. Simon. 2,042,867; June 2.
- Lock. S. Singer, J. Silverman, and J. H. Friedman. 2,059,046; Oct. 27.
- Lock. S. Singer, J. Silverman, J. H. Friedman, and L. Bercovitz. 2,064,955; Dec. 22.
- Lock. A. Sonabend. 2,038,876; Apr. 28.
- Lock. J. F. Svoboda. 2,039,126; Apr. 28.
- Lock. C. Swilens. 2,063,708; Dec. 8.
- Lock. F. E. Thompson. 2,043,205; June 2.
- Lock. E. Van Note. 2,053,805; Sept. 8.
- Lock. H. W. Voges. 2,049,983; Aug. 4.
- Lock. C. Zygmunt. 2,036,738; Apr. 7.
- Lock and fuel tank closures on automobiles, Lever. L. B. Yegen. 2,064,238; Dec. 15.
- Lock and gate structure. H. Zimmermann. 2,040,722; May 12.
- Lock and holder, Sash. D. Jones. 2,029,569; Feb. 4.
- Lock and latch, Combined. J. Kubina. 2,028,672; Jan. 21.
- Lock and latch construction. H. Hansen. 2,034,655; Mar. 17.
- Lock and latch for voting machines, Neutral. A. F. Foehrenbach, R. F. Shoup, C. M. Bourquin, and S. R. Shoup. 2,056,780; Oct. 6.
- Lock and making same. C. Ledin. 2,058,893; Oct. 27.
- Lock and making the same. J. F. Lach. 2,060,626; Nov. 10.
- Lock and switch, Combined. B. Golokow and S. G. Chirlin. 2,057,301; Oct. 13.
- Lock bolt, Spreading. L. Kiefner. 2,057,648; Oct. 13.
- Lock construction. M. Holper. 2,027,731; Jan. 14.
- Lock construction. H. F. Keil. 2,047,969; July 21.
- Lock construction. H. F. Keil. 2,048,507; July 21.
- Lock construction. A. Schoorel. 2,042,026; May 26.
- Lock construction. A. Schoorel. 2,050,696; Aug. 11.
- Lock construction. A. Schoorel. 2,058,517; Oct. 27.
- Lock construction, Safety. C. E. Turrell. 2,051,772; Aug. 18.
- Lock construction, Sliding panel. J. F. Fetyk. 2,050,695; Aug. 11.
- Lock control, Back rolling. L. H. Browne. 2,038,986; Apr. 28.
- Lock control for fifth wheel couplings and the like. H. C. Robb, Jr. 2,044,227; June 16.
- Lock fastener, Three-side. M. F. Carr. 2,058,296; Oct. 20.
- Lock for a swinging window panel. E. G. Simpson. 2,041,094; May 19.
- Lock for automobile engine hoods. P. O. Woody. 2,041,447; May 19.
- Lock for automobiles, Gas. J. V. Parker. 2,057,109; Oct. 13.
- Lock for automobiles, Transmission. W. Hemingway, Jr., and J. Whyte. 2,046,379; July 7.
- Lock for boomers, chain hooks, and the like. T. E. Ferren. 2,037,971; Apr. 21.
- Lock for bus or car window construction, Sash. J. Schunk. 2,033,085; Mar. 3.
- Lock for dumbwaiters, Automatic. S. Halml. 2,029,867; Feb. 4.
- Lock for gas cocks, Safety. J. E. Leonard. 2,039,011; Apr. 28.
- Lock for gear shift levers, Automobile. J. Bulanda. 2,047,404; July 14.
- Lock for holding gears on shafts. R. Reed. 2,047,706; July 14.
- Lock for interlocking fasteners. K. R. Jordan. 2,032,019; Feb. 25.
- Lock for interlocking machine levers, Electric. W. C. McWhirter. 2,052,414; Aug. 25.
- Lock for mine cars, Car. J. W. Smith. 2,039,984; May 5.
- Lock for motor vehicles, Electrically operated. J. Pentka. 2,061,978; Nov. 24.
- Lock for radio control, Anti-drift. R. B. Meyer and C. F. Rudolph. 2,047,219; July 14.
- Lock for railway spring switches. P. Renshaw. 2,027,702; Jan. 14.
- Lock for steering devices, Automatic. J. C. Dunham. 2,049,111; July 28.
- Lock for the release of erosive fluids under pressure. K. Bredtschneider. 2,052,693; Sept. 1.
- Lock for trailer supports. J. H. Manning. 2,053,571; Sept. 8.
- Lock for vehicle hoods. E. A. Hanah. 2,055,289; Sept. 22.
- Lock gate. H. Zimmermann. 2,040,721; May 12.
- Lock guard. W. M. Barry. 2,049,796; Aug. 4.
- Lock mechanism. A. C. Brown, 3d. 2,035,526; Mar. 31.
- Lock mechanism. A. F. and A. Terenyi. 2,053,880; Sept. 8.
- Lock slot seam and lock slot. J. A. Delaney. 2,042,883; June 2.
- Lockstitch knit fabric. W. Mendel and J. Titone. 2,040,058; May 5.



- Lockstitch knit fabric. W. Mendel and J. Tiltone. 2,041,664; May 19.
- Lock stitching attachment. J. A. Sommers and M. Friedman. 2,033,858; Mar. 10.
- Lock stop device. R. D. Smith. 2,045,001; June 23.
- Lock strike. H. McNeill. 2,039,433; May 5.
- Lock structure. W. R. Schlage. 2,038,907; Apr. 28.
- Lock structure. E. S. Stroberg. 2,066,080; Dec. 29.
- Lock switch and armored wire unit. A. W. Phelps. 2,062,928; Dec. 1.
- Lock system. W. E. Goehring. 2,048,376; July 21.
- Lock system. G. W. Singleton. 2,049,875; Aug. 4.
- Lock valve. G. Kriege. 2,063,442; Dec. 8.
- Lock washer. C. G. Olson. 2,041,568; May 19.
- Lock with bolt operating mechanism remaining permanently in the case. H. Denull. 2,044,381; June 16.
- Locked safety joint. H. P. Wickersham and H. J. Craig. 2,039,943; May 5.
- Locker latch. H. C. Baker and R. H. Peterson. 2,033,806; Mar. 10.
- Locker, Mine tool. W. S. Carner. 2,046,244; June 30.
- Locker, Multiple. S. Besst, Jr. 2,043,728; June 9.
- Locking and reinforcing means for paper board boxes. E. H. Lupton. 2,028,678; Jan. 21.
- Locking and releasing assembly, Combined. E. R. Knight. 2,060,734; Nov. 10.
- Locking and releasing mechanism for swinging doors or the like. F. C. Griswold. 2,059,692; Nov. 3.
- Locking attachment plug. E. Zurcher. 2,042,491; June 2.
- Locking-band. C. R. Irwin. 2,028,609; Jan. 21.
- Locking clip. A. Brunner. 2,034,559; Mar. 17.
- Locking device. J. E. Bales. 2,049,939; Aug. 4.
- Locking device. B. S. Bernhard. 2,041,809; May 26.
- Locking device. H. I. Dyer. 2,035,055; Mar. 24.
- Locking device. A. Gahagan. 2,065,683; Dec. 29.
- Locking device. S. R. Hemphill. 2,041,065; May 19.
- Locking device. F. J. Lejbowicz. 2,044,534; June 16.
- Locking device. M. B. Morgan. 2,052,241; Aug. 25.
- Locking device. C. H. Nehls. 2,060,337; Nov. 10.
- Locking device. E. Nenninger. 2,037,261; Apr. 14.
- Locking device. H. G. Och. 2,028,237; Jan. 21.
- Locking device. E. F. Terry. 2,039,941; May 5.
- Locking device. S. Wise. 2,043,872; June 9.
- Locking device, Automatic. S. T. Smith. 2,028,629; Jan. 21.
- Locking device for automatic weighing machines or scales. W. Kader. 2,038,739; Apr. 28.
- Locking device for brake pedals. H. L. Bristow. 2,066,091; Dec. 29.
- Locking device for full fashioned knitting machines. K. O. Waechtler and H. M. Suess. 2,049,031; July 28.
- Locking device for lids, box and trunk panels, and the like. L. J. Mollet. 2,038,901; Apr. 28.
- Locking device for milk bottles. C. E. Valentine. 2,045,934; June 30.
- Locking device for motor vehicle wheels. C. Ferro. 2,042,774; June 2.
- Locking device for safety purposes. S. Futran. 2,045,905; June 30.
- Locking device for slicing machine clamps. G. A. Lensky and E. G. Streckfuss. 2,042,230; May 26.
- Locking device for the indicating mechanism of weighing scales. W. Timson. 2,034,847; Mar. 24.
- Locking device for trunks, chests, and the like. L. J. Mollet. 2,054,907; Sept. 22.
- Locking device for yarn carrier bars. W. M. Grosse. 2,036,804; Apr. 7.
- Locking device, Portable. J. Menchen. 2,055,906; Sept. 29.
- Locking for railways, Approach. S. N. Wight. 2,038,503; Apr. 21.
- Locking gas tank covers, Mechanism for. F. C. McClanahan. 2,028,515; Jan. 21.
- Locking, holding, and tightening device, Adjustable. A. Millinger. 2,027,113; Jan. 7.
- Locking means for containers. J. A. Davis. 2,036,125; Mar. 31.
- Locking means for draft key retainers. V. H. Harbert. 2,035,883; Mar. 31.
- Locking means for multiple fastener sliders. H. D. Kroll. 2,055,903; Sept. 29.
- Locking means for paper board boxes. E. H. Lupton. 2,028,677; Jan. 21.
- Locking means for retainers of draft keys. V. H. Harbert. 2,056,269; Oct. 6.
- Locking means for threaded elements. C. G. Olson. 2,037,586; Apr. 14.
- Locking mechanism. J. E. Casse. 2,058,414; Oct. 27.
- Locking mechanism. V. L. Maurin. 2,030,599; Feb. 11.
- Locking mechanism. C. F. Meilink. 2,065,142; Dec. 22.
- Locking mechanism. A. S. Wheelbarger. 2,029,803; Feb. 4.
- Locking mechanism for accordions. R. Rieschick. 2,055,206; Sept. 22.
- Locking mechanism for collapsible baby carriages and the like. H. Graser. 2,063,242; Dec. 8.
- Locking valve. E. H. Mueller. 2,044,254; June 16.
- Locking washer. E. H. Hausser. 2,034,258; Mar. 17.
- Locks, Apparatus and method for making valve spring retainer. D. Kelleher. 2,052,306; Aug. 25.
- Locks, Apparatus for picking. J. Lombardo. 2,059,376; Nov. 3.
- Locks, Attachment for. V. S. Downing. 2,047,861; July 14.
- Locks, Unlocking. F. Buday. 2,064,818; Dec. 22.
- Locomotive. A. P. Armington. 2,045,510; June 23.
- Locomotive. P. A. Ketchpel. 2,051,001; Aug. 11.
- Locomotive. A. I. Lipetz. 2,034,585; Mar. 17.
- Locomotive. M. Mayer. 2,059,471; Nov. 3.
- Locomotive. W. C. Peyton. 2,050,857; Aug. 11.
- Locomotive. G. Pielstick. 2,026,846; Jan. 7.
- Locomotive. M. H. Roberts. 2,026,707; Jan. 7.
- Locomotive. M. H. Roberts. 2,034,271; Mar. 17.
- Locomotive. C. A. Schellens and G. W. Emery. 2,064,126; Dec. 15.
- Locomotive arch. J. C. Chapple. 2,044,348; June 16.
- Locomotive, Auxiliary. J. A. McGrew. 2,037,641; Apr. 14.
- Locomotive crosshead. T. V. Buckwalter. 2,037,208-9; Apr. 14.
- Locomotive cylinder structure. W. C. Ashe. 2,065,548; Dec. 29.
- Locomotive drifting and by-pass valve. F. Bukove. 2,062,292; Dec. 1.
- Locomotive driving wheel. E. O. Elliott. 2,055,788; Sept. 29.
- Locomotive driving wheel. T. H. Fawcett. 2,065,217; Dec. 22.
- Locomotive driving wheel. Composite. A. G. Cole. 2,028,646; Jan. 21.
- Locomotive, Hydraulic. W. Ferris. 2,037,373; Apr. 14.
- Locomotive, Motor generator. P. W. Forsberg. 2,036,803; Apr. 7.
- Locomotive pilot, bumper, deck plate, and coupler structure. F. H. Einwaechter, Jr. 2,027,269; Jan. 7.
- Locomotive rod bearing. T. V. Buckwalter. 2,032,466; Mar. 3.
- Locomotive stoker. J. W. Myers. 2,034,591; Mar. 17.
- Locomotive structure. C. W. Kell. 2,049,613; Aug. 4.
- Locomotive structure. J. C. Travilla, Jr. 2,065,632; Dec. 29.
- Locomotive tender. H. P. Anderson. 2,029,295; Feb. 4.
- Locomotive tender. H. P. Anderson. 2,036,907; Apr. 7.
- Locomotive tender. H. P. Anderson and C. J. Surdykowski. 2,052,159; Aug. 25.
- Locomotive tender. F. Hogg. 2,058,794; Oct. 27.
- Locomotive tender. N. M. Lower. 2,032,943; Mar. 3.
- Locomotive tender. N. L. Lower. 2,051,957; Aug. 25.
- Locomotive tender. W. C. Peyton. 2,029,297; Feb. 4.
- Locomotive tender. C. J. Surdykowski. 2,029,298; Feb. 4.
- Locomotive tender. C. J. Surdykowski. 2,029,397; Feb. 4.
- Locomotive tender. E. A. Turner. 2,036,897; Apr. 7.
- Locomotive throttle valve. C. J. Scudder and S. S. Riegel. 2,051,347; Aug. 18.
- Locomotive with individual axle drive, Electric. W. Oertel. 2,032,327; Feb. 25.
- Log barker. A. Hokanson. 2,055,108; Sept. 22.
- Log debarking cutter head. A. M. Kirkwood. 2,034,908; Mar. 24.
- Log peeling implement. J. Krofta. 2,043,622; June 9.
- Log sawing machine, Portable. J. E. McLeod. 2,039,017; Apr. 28.
- Log splitting device. L. Hult. 2,042,401; May 26.
- Log trisecting structure. H. C. Hilke. 2,051,256; Aug. 18.
- Logging arch. R. G. Le Tourneau. 2,058,473; Oct. 27.
- Lollipop figure. M. A. Burgard. 2,031,208; Feb. 18.
- Long chain organic acid, Highly branched. F. C. Whitmore, A. H. Homeyer, D. M. Jones, and W. R. Trent. 2,032,159; Feb. 25.
- Long stock fabricating machine. J. H. Roberts. 2,032,098; Feb. 25.
- Loom: See—
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| Axminster loom.      | Shuttle changer loom.    |
| Bead loom.           | Shuttle change loom.     |
| Circular loom.       | Shuttle changing filling |
| Comb loom.           | mixing loom.             |
| Doup heddle loom.    | Shuttle changing loom.   |
| Pick and pick bobbin | Tuft pile loom.          |
| changing loom.       | Weaving loom.            |
| Pick and pick loom.  | Wire netting loom.       |
| Ribbon loom.         |                          |
- Loom. M. Bergman. 2,057,997; Oct. 20.
- Loom. W. F. Bird. 2,027,806; Jan. 14.
- Loom. H. H. Burton. 2,045,978; June 30.
- Loom. W. Van D. Jewett. 2,059,357; Nov. 3.
- Loom. C. L. Kennedy. 2,065,076; Dec. 22.
- Loom. C. G. Moon. 2,036,714; Apr. 7.
- Loom. A. M. Muldoon. 2,028,002; Jan. 14.
- Loom. J. Northrop. 2,028,559; Jan. 21.
- Loom. R. W. and F. P. Zirm. 2,061,339; Nov. 17.
- Loom and weft supply mechanism therefor, Shuttleless. W. Pool. 2,052,655; Sept. 1.
- Loom filling runner eliminator. O. P. Wood. 2,034,967; Mar. 24.
- Loom for weaving. F. Philly. 2,057,053; Oct. 13.
- Loom for weaving. R. Rossmann. 2,030,270; Feb. 11.
- Loom for weaving, Circular. J. Jabouley. 2,050,328; Aug. 11.
- Loom for weaving crinkle cloth. H. J. Murphy. 2,044,440; June 16.
- Loom for weaving pile fabrics. G. A. Morgan. 2,033,250; Mar. 10.
- Loom harness. J. J. Kaufmann. 2,026,787; Jan. 7.
- Loom harness. J. J. Kaufmann. 2,040,791; May 12.
- Loom harness. J. J. Kaufmann. 2,047,511; July 14.
- Loom lay rebound control mechanism. J. D. Watson and L. Andersen. 2,054,150; Sept. 15.
- Loom picker. H. M. Bacon. 2,032,734; Mar. 3.
- Loom picker. T. K. Rea. 2,045,724; June 30.



- Loom protection mechanism. C. D. Brown. 2,028,731; Jan. 21.
- Loom reeds and like articles, Apparatus for use in the manufacture of. A. Hornig. 2,058,314; Oct. 20.
- Loom reeds, Manufacturing. W. H. Fish. 2,048,001; July 21.
- Loom shuttle. D. S. Smith. 2,037,829; Apr. 21.
- Loom shuttle box. J. B. Jackson. 2,046,292; June 30.
- Loom shuttle structure. W. Hampson. 2,042,307; May 26.
- Loom shuttle structure. H. Nova. 2,027,752; Jan. 14.
- Loom stop motion. P. Piatti. 2,043,116; June 2.
- Loom stopping mechanism, Electromechanical. O. V. Payne. 2,065,730; Dec. 29.
- Loom temple. P. Doerseln. 2,056,039; Sept. 29.
- Loom temple. F. E. Douglas. 2,046,289; June 30.
- Loom temple. I. W. Noyes. 2,061,846; Nov. 24.
- Loom temple. W. I. Stimpson and F. E. Douglas. 2,042,415; May 26.
- Loom temple. H. W. Waterhouse. 2,046,280; June 30.
- Loom transfer revoking mechanism. R. G. Turner. 2,065,772; Dec. 29.
- Loom, Weaving. R. Hrdina. 2,027,776; Jan. 14.
- Loom with shuttle boxes which shift to detect weft. R. G. Turner. 2,065,770; Dec. 29.
- Looms, Auxiliary pull-down motion for. J. W. McDaniel. 2,030,600; Feb. 11.
- Looms, Box front for. W. H. Bahan. 2,051,020; Aug. 18.
- Looms, Cloth wind-up for. C. P. Bergstrom and A. Palmer. 2,057,409; Oct. 13.
- Looms, Device for moving the lay of mechanical weaving. O. Wittmers. 2,034,168; Mar. 17.
- Looms, Electric stop motion for. G. V. Morin. 2,045,364; June 23.
- Looms, Feeler device for. J. P. Camps. 2,030,497; Feb. 11.
- Looms, Filling changer for. C. B. Perry. 2,053,008; Sept. 1.
- Looms having nipper shuttles for drawing weft threads from stationary supplies, Weaving in. R. Rossmann. 2,034,487; Mar. 17.
- Looms, Let-off mechanism for. C. D. Brown. 2,058,127; Oct. 20.
- Looms, Set-mark preventer for. A. S. Robinson. 2,040,565; May 12.
- Looms, Shedding mechanism for. H. H. Burdett. 2,058,129; Oct. 20.
- Looms, Shedding mechanism for. H. Staübli. 2,049,090; July 28.
- Looms, Shedding mechanism for circular. F. C. Hale and W. Howarth. 2,063,734; Dec. 8.
- Looms, Shipping and braking mechanism for. B. W. Brouwer. 2,055,228-9; Sept. 22.
- Looms, Stop motion for. W. H. Hill. 2,027,775; Jan. 14.
- Looms, Stop-motion for circular. J. Jabouley. 2,055,604; Sept. 29.
- Looms, Thread holder for. O. V. Payne. 2,057,392; Oct. 13.
- Loop antenna. E. J. Hafele. 2,062,129; Nov. 24.
- Loop-buckle. R. J. Hodge. 2,027,533; Jan. 14.
- Loop, Circulatory. E. E. Allyn. 2,043,723; June 9.
- Loop cutter. W. H. Lockett and P. Jenkins. 2,051,491; Aug. 18.
- Loop lifting point and producing the same. M. C. Miller. 2,056,201; Oct. 6.
- Loop system indicating device for aircraft. L. A. Hyland and C. B. Mirick. 2,032,988; Mar. 3.
- Loop, Unitary metallic and elastic slide and button. L. W. Joyce. L. W. Joyce. 2,035,433; Mar. 24.
- Looper. T. H. De Spain. 2,050,563; Aug. 11.
- Loops of wool such as are formed in making wool rugs, mats, carpets, or the like. Device for cutting. K. W. Jones. 2,065,185; Dec. 22.
- Loops on the automatic loop feed member of machines for applying ornamentation to header loops, Loading. H. A. Klahre. 2,058,994; Oct. 27.
- Loose match holder. H. Walters. 2,041,035; May 19.
- Loud speaker. F. L. Creager and M. L. McMurtrey. 2,027,473; Jan. 14.
- Loudspeaker. B. A. Engholm. 2,053,364; Sept. 8.
- Loudspeaker. R. B. Scribner. 2,034,882; Mar. 24.
- Loudspeaker and like instrument. R. R. Glen. 2,049,766; Aug. 4.
- Loudspeaker and the like. R. R. Glen. 2,049,767; Aug. 4.
- Loudspeaker cone diaphragm and producing same. D. H. Cunningham. 2,030,501; Feb. 11.
- Loudspeaker, Electrodynamic. P. R. Dijksterhuis. 2,047,361; July 14.
- Loudspeaker, Electrodynamic. A. Poggendorff. 2,047,381; July 14.
- Lounge, Studio. U. B. McMurtry. 2,044,803; June 23.
- Lounge, Studio. U. B. McMurtry. 2,060,742; Nov. 10.
- Louver, Adjustable. J. E. Murphy, H. W. Schmitz, and A. M. Peabody. 2,042,617; June 2.
- Louver construction. E. A. Mader. 2,061,162; Nov. 17.
- Low voltage generator. H. G. Fischer, P. P. Musket, and D. E. Richardson. 2,042,334; May 26.
- Lower unit for outboard motors. F. T. Igens. 2,039,535; May 5.
- Lower valve puller. R. C. Williams. 2,062,955; Dec. 1.
- Lubricant. W. S. Calcott and R. C. McHarness. 2,066,173; Dec. 29.
- Lubricant. G. Kaufman and O. P. Puryear. 2,055,795; Sept. 29.
- Lubricant. G. Kaufman and O. P. Puryear. 2,058,236-7; Oct. 20.
- Lubricant. R. L. Watts. 2,043,638; June 9.
- Lubricant and making same. R. C. Moran, W. E. Evers, and E. W. Fuller. 2,058,344; Oct. 20.
- Lubricant and making same. M. Pier and F. Christmann. 2,028,349; Jan. 21.
- Lubricant and making same, Synthetic. E. C. Britton. 2,051,404; Aug. 18.
- Lubricant and treating. E. Wanamaker and H. D. Allgeo. 2,050,139; Aug. 4.
- Lubricant composition. A. W. Burwell. 2,043,923; June 9.
- Lubricant containing pseudopimaric acid and the preparation thereof. E. A. Brennan and W. Hull. 2,042,035; May 26.
- Lubricant cooling device. E. A. Chambers. 2,029,057; Jan. 28.
- Lubricant dispensing structure. J. F. Werder. 2,056,061; Sept. 29.
- Lubricant distributing apparatus, Automatic. T. W. Hallerberg. 2,035,157; Mar. 24.
- Lubricant for free wheeling. E. W. Adams and G. M. McNulty. 2,048,479; July 21.
- Lubricant, Incorporating. W. D. Hodson. 2,062,061; Nov. 24.
- Lubricant, Making a corrosion-inhibiting. C. M. Clementson. 2,054,721; Sept. 15.
- Lubricant metering device. O. A. Ross. 2,029,198; Jan. 28.
- Lubricant, Pipe thread. H. G. Smith. 2,065,247; Dec. 22.
- Lubricant, Semisolid plastic. E. F. Burch. 2,057,473; Oct. 13.
- Lubricant, Solid. G. R. Taylor and R. N. Smith. 2,038,688-9; Apr. 28.
- Lubricant supply device for rail lubricators. S. E. Bates and E. Overmier. 2,055,140; Sept. 22.
- Lubricant supply fixture. I. B. Nielsen. 2,035,093; Mar. 24.
- Lubricant to bearings, Method of and apparatus for supplying. J. A. Moller. 2,033,992; Mar. 17.
- Lubricant to steam engines, Apparatus for distributing. E. H. Dellling and W. Lamken. 2,047,672; July 14.
- Lubricants. G. Kaufman. 2,043,961-2; June 9.
- Lubricants. L. A. Mikeška and L. B. Turner. 2,049,072; July 28.
- Lubricants. R. F. Nelson. 2,045,306; June 23.
- Lubricants and manufacturing the same. R. K. Stratford and J. L. Huggett. 2,031,986; Feb. 25.
- Lubricants and the like, Dispensing system for. A. Dieny. 2,062,213; Nov. 24.
- Lubricants in rope material, Incorporating extremely viscous. W. D. Hodson. 2,028,158; Jan. 21.
- Lubricants, Manufacture of. R. F. Nelson. 2,055,043; Sept. 22.
- Lubricants, Manufacture of pipe thread. H. G. Smith. 2,065,248; Dec. 22.
- Lubricants, Preparing. L. C. Beard, Jr. 2,065,551; Dec. 29.
- Lubricants, Testing. J. O. Almen. 2,045,555; June 23.
- Lubricants, Testing. L. Cammen. 2,041,525; May 19.
- Lubricants, Testing. E. A. Sperry, Jr. 2,065,625; Dec. 29.
- Lubricated gate valve. W. McCausland and C. W. Stephen. 2,032,882; Mar. 3.
- Lubricated plug valve. R. P. Sherman. 2,030,408; Feb. 11.
- Lubricated plug valve. H. G. Specht. 2,047,752; July 14.
- Lubricated valve. R. Clade. 2,032,352; Mar. 3.
- Lubricated valve. R. Clade. 2,038,885-6; Apr. 28.
- Lubricated valve. R. Clade. 2,038,889; Apr. 28.
- Lubricated valve. R. Clade and D. M. Knox. 2,038,887-8; Apr. 28.
- Lubricating and cooling system. A. Lack. 2,041,192; May 19.
- Lubricating apparatus. F. S. Barks, A. P. Fox, and W. Z. Linders. 2,060,456; Nov. 10.
- Lubricating apparatus. J. Bystricky. 2,056,249; Oct. 6.
- Lubricating apparatus. E. W. Davis. 2,051,290; Aug. 18.
- Lubricating apparatus. E. W. Davis. 2,062,447; Dec. 1.
- Lubricating apparatus. E. W. Davis and L. A. Williams, Jr. 2,061,062; Nov. 17.
- Lubricating apparatus. A. P. Fox. 2,060,297; Nov. 10.
- Lubricating apparatus. E. L. Müller. 2,056,434; Oct. 6.
- Lubricating apparatus. W. G. Nord. 2,061,086; Nov. 17.
- Lubricating apparatus. L. C. Rotter. 2,038,762; Apr. 28.
- Lubricating apparatus. L. C. Rotter and I. H. Mahne. 2,038,761; Apr. 28.
- Lubricating apparatus. L. C. Rotter. 2,052,664; Sept. 1.
- Lubricating apparatus. G. F. Thomas and J. Bystricky. 2,042,970; June 2.
- Lubricating apparatus. L. A. Williams. 2,047,132; July 7.
- Lubricating, Apparatus for. W. D. Bell. 2,043,986; June 16.
- Lubricating composition. F. L. Miller and A. J. Morway. 2,066,216; Dec. 29.
- Lubricating composition. C. Tietig. 2,063,473; Dec. 8.
- Lubricating composition and lubricating and improving the lubricating properties of oils. C. F. Prutton. 2,051,744; Aug. 18.
- Lubricating composition and making same. G. H. B. Davis. 2,055,482; Sept. 29.



- Lubricating compound. W. B. Hendrey. 2,058,788; Oct. 27.
- Lubricating compound, Making and controlling a. R. P. Lutz. 2,040,321; May 12.
- Lubricating device. H. A. Brown. 2,042,206; May 26.
- Lubricating device. O. B. Clark. 2,066,030; Dec. 29.
- Lubricating device. J. L. Creveling. 2,044,469; June 16.
- Lubricating device. J. L. Creveling. 2,055,600; Sept. 29.
- Lubricating device. F. R. Dippman. 2,029,062-3; Jan. 28.
- Lubricating device. A. Y. Dodge. 2,036,464; Apr. 7.
- Lubricating device. A. Y. Dodge. 2,055,601-2; Sept. 29.
- Lubricating device. V. J. Harris. 2,051,706; Aug. 18.
- Lubricating device. J. Longo. 2,030,646; Feb. 11.
- Lubricating device. G. L. Moore and J. R. Steele. 2,028,517; Jan. 21.
- Lubricating device. H. E. N. Pruvot. 2,042,681; June 2.
- Lubricating device. A. G. Redmond. 2,062,070; Nov. 24.
- Lubricating device. H. R. Tear. 2,036,509; Apr. 7.
- Lubricating device. H. R. Tear. 2,046,418; July 7.
- Lubricating device. H. R. Tear. 2,049,182; July 28.
- Lubricating device. H. R. Tear. 2,055,596; Sept. 29.
- Lubricating device. H. R. Tear. 2,061,743; Nov. 24.
- Lubricating device. H. R. Tear. 2,063,409-12; Dec. 8.
- Lubricating device. H. R. Tear and H. C. Roth. 2,042,744; June 2.
- Lubricating device, Central. H. Kreidel. 2,040,007; May 5.
- Lubricating device for the ring and the traveler in ring spinning or doubling frames or the like. C. Schleifer. 2,043,520; June 9.
- Lubricating element. E. S. Patch. 2,051,458; Aug. 18.
- Lubricating installation. J. Bijur. 2,048,679; July 28.
- Lubricating installation. J. Bijur. 2,063,903; Dec. 15.
- Lubricating jelly. H. A. Ambrose. 2,056,594; Oct. 6.
- Lubricating machine, Automatic. W. M. Lippincott. 2,029,327; Feb. 4.
- Lubricating material, Solid. H. D. Geyer. 2,029,366; Feb. 4.
- Lubricating means. R. J. Gray. 2,047,142; July 7.
- Lubricating means. R. J. Gray. 2,050,606; Aug. 11.
- Lubricating means for change speed mechanism. F. M. Vandervoort. 2,053,542; Sept. 8.
- Lubricating means for sewing machine needle-bar mechanisms. A. B. Clayton. 2,056,644; Oct. 6.
- Lubricating mechanism, Automatic. R. L. Pate, Jr. 2,030,533; Feb. 11.
- Lubricating pad. M. Keyes. 2,044,248; June 16.
- Lubricating pump. W. J. Gee. 2,061,422; Nov. 17.
- Lubricating stocks containing amorphous wax, Treating. R. E. Burk. 2,038,640; Apr. 28.
- Lubricating system. F. C. Blanchard. 2,061,790; Nov. 24.
- Lubricating system. P. A. Celander and A. C. Hollatz. 2,060,752; Nov. 10.
- Lubricating system. H. D. Haley. 2,063,673; Dec. 8.
- Lubricating system. W. E. Johnson. 2,066,177; Dec. 29.
- Lubricating system. B. D. Kunkle. 2,041,191; May 19.
- Lubricating system. H. A. Rising. 2,031,671; Feb. 25.
- Lubricating system. H. F. Schmidt. 2,030,611; Feb. 11.
- Lubricating system. J. B. Watson. 2,026,662; Jan. 7.
- Lubricating system. W. W. Williams. 2,039,469; May 5.
- Lubricating system. W. W. Williams. 2,044,269; June 16.
- Lubricating system. T. F. Worth. 2,042,575; June 2.
- Lubricating system, Automatic. F. C. Blanchard. 2,047,352; July 14.
- Lubricating system, Automatic. W. K. Hawks. 2,048,003; July 21.
- Lubricating system, Centralized. O. U. Zerk. 2,032,036; Feb. 25.
- Lubricating system for automobile engines. H. T. Booth. 2,051,026; Aug. 18.
- Lubricating system for compressors. W. E. Richard. 2,038,131; Apr. 21.
- Lubricating system for internal combustion engines. B. N. Pierce. 2,064,078; Dec. 15.
- Lubricating system for internal combustion engines. R. P. Wright. 2,032,822-3; Mar. 3.
- Lubricating system for reciprocating machines. K. E. Kylén. 2,056,901; Oct. 6.
- Lubrication. J. Bijur. 2,056,950; Oct. 13.
- Lubrication. W. B. D. Penniman. 2,061,328; Nov. 17.
- Lubrication and apparatus therefor. E. W. Davis. 2,030,504; Feb. 11.
- Lubrication and lubricant therefor. W. D. Hodson. 2,031,368; Feb. 18.
- Lubrication, Central. J. Bijur. 2,027,366; Jan. 14.
- Lubrication, Central. J. Bijur. 2,043,229; June 9.
- Lubrication, Central. J. Bijur. 2,056,949; Oct. 13.
- Lubrication, Centralized. J. Bijur. 2,040,076; May 12.
- Lubrication device. A. Y. Dodge. 2,055,603; Sept. 29.
- Lubrication device, Cycle chain. R. M. Miller. 2,029,079; Jan. 28.
- Lubrication of crankshafts. A. F. Underwood. 2,063,885; Dec. 8.
- Lubrication system, Automatic. W. K. Hawks and A. J. Jennings. 2,038,287; Apr. 21.
- Lubrication system for rear axle differential bearings. P. E. Matthews. 2,037,173; Apr. 14.
- Lubricator. See—
- Automatic lubricator. Rail and flange lubricator.
- Axle bearing lubricator. Rail flange lubricator.
- Axle journal lubricator. Rail lubricator.
- Bearing lubricator. Shelf-type lubricator.
- Multiple feed lubricator.
- Lubricator. A. R. Bailey. 2,039,511; May 5.
- Lubricator. Z. C. Bradford. 2,057,182; Oct. 13.
- Lubricator. W. K. Canan. 2,053,362; Sept. 8.
- Lubricator. C. L. Daun. 2,027,024; Jan. 7.
- Lubricator. C. L. Daun. 2,048,730; July 28.
- Lubricator. C. L. Daun. 2,052,280; Aug. 25.
- Lubricator. R. J. Gits. 2,041,920; May 26.
- Lubricator. L. A. House. 2,036,808; Apr. 7.
- Lubricator. J. McCreadie and G. Hickerson. 2,042,184; May 26.
- Lubricator. B. W. Miller. 2,043,764; June 9.
- Lubricator. R. H. Olandt. 2,034,683; Mar. 17.
- Lubricator. P. B. Reeves. 2,034,666; Mar. 17.
- Lubricator. C. J. Rowe and J. A. Hochwalt. 2,057,207; Oct. 13.
- Lubricator. C. E. Stewart. 2,063,352; Dec. 8.
- Lubricator adapter for springs. B. M. Walker. 2,044,375; June 16.
- Lubricator for pneumatic tools. J. W. Arnold. 2,044,765; June 23.
- Lug, Tractor. G. R. Cunningham. 2,039,521; May 5.
- Luggage case. W. Wintz. 2,064,046; Dec. 15.
- Luggage handling device for railway cars. B. F. Fitch. 2,041,404; May 19.
- Lumber and pressed and molded products, Manufacture of artificial. F. L. Carson. 2,033,411; Mar. 10.
- Lumber, Apparatus for drying. A. E. Krick. 2,050,226; Aug. 4.
- Lumber, Manufacturing. O. P. M. and W. C. Goss. 2,042,039; June 2.
- Lumber marking mechanism. H. H. Rawson. 2,047,746; July 14.
- Luminair. J. C. Dunn and M. Klein. 2,043,193; June 2.
- Luminair, Indirect lighting. L. C. Doane. 2,058,139; Oct. 20.
- Luminescent material. H. W. Leverenz. 2,066,044; Dec. 29.
- Luminescent sign. H. A. Cline. 2,042,144; May 26.
- Luminescent tube. L. T. Jones. 2,056,464; Oct. 6.
- Luminous device. K. R. Beymer. 2,061,824; Nov. 24.
- Luminous discharge lamp. H. P. Hood. 2,059,640; Nov. 3.
- Luminous tube. R. Nauth. 2,057,908; Oct. 20.
- Luminous tube sign. R. A. Viesing. 2,046,044; June 30.
- Lunch box. J. H. Devine. 2,026,967; Jan. 7.
- Lunch box. M. S. Graeser. 2,061,965; Nov. 24.
- Lunch outfit, Hot. O. G. Jerde. 2,051,994; Aug. 25.
- Lure, Artificial. A. C. Accetta. 2,051,978; Aug. 25.
- Lyes, Carbonization of all kinds of pulp waste. E. Strupp. 2,056,746; Oct. 6.
- Lyes obtained in the cellulose industry, Concentrating. E. Oman and H. E. A. Göth. 2,039,444; May 5.
- Lyophilic biologically active substances, and producing the same. J. Reichel. 2,066,302; Dec. 29.
- Macaroni die. G. Tanzi. 2,045,421; June 23.
- Macaroni die. G. Tanzi. 2,049,754; Aug. 4.
- Macaroni die. M. Tanzi. 2,062,338; Dec. 1.
- Macerator. C. A. Rietz. 2,041,207; May 19.
- Machine aligning mechanism, Automatic. M. M. Hart. 2,041,339; May 19.
- Machine and making solid comminuted material. J. L. Stecher, M. G. Amick, and C. E. Daniels. 2,047,391; July 14.
- Machine and method for electrically welding tubes. H. J. Burnish. 2,047,254; July 14.
- Machine and method for forming watch crystals. A. Small. 2,061,173; Nov. 17.
- Machine and method for manufacturing containers. F. C. Fisk. 2,049,952; Aug. 4.
- Machine and method for separating solids from liquids. N. Brewer. 2,040,822; May 19.
- Machine and method for setting elements upon a strip. E. Hopkinson, F. A. Belanger, F. A. Alcott, and E. F. Hewitt. 2,052,179; Aug. 25.
- Machine and process for making bags. G. W. Poppe. 2,039,980; May 5.
- Machine and work positioning mechanism. J. B. Tiedemann. 2,039,755; May 5.
- Machine construction. E. C. Boss. 2,052,600; Sept. 1.
- Machine control. S. Pitt. 2,049,861; Aug. 4.
- Machine control system and carrying the same into effect. R. E. Paris. 2,055,016; Sept. 22.
- Machine drive. J. B. Tiedemann. 2,039,754; May 5.
- Machine element. A. B. Kinzel and W. Crafts. 2,046,168; June 30.
- Machine filter, Dynamic-electric. L. A. Koch, Jr. 2,057,196; Oct. 13.
- Machine for adhesively uniting the plies of multiple ply articles of apparel. B. Liebowitz. 2,050,191; Aug. 4.
- Machine for and method of filling boxes. A. R. Thompson and J. M. Hait. 2,061,490; Nov. 17.
- Machine for and method of making knitted fabric. A. F. Verbeek. 2,040,965; May 19.
- Machine for applying adhesive. P. W. Fleischer and G. W. von Hofe. 2,060,616; Nov. 10.
- Machine for applying activating liquids to cemented shoe parts. C. A. Newhall. 2,042,479; June 2.
- Machine for applying belt fasteners. O. B. Briggs and A. L. Lamb. 2,043,576; June 9.
- Machine for applying glass panels to can ends. A. L. Kronquest. 2,057,037; Oct. 13.
- Machine for applying gummed tape to cartons. A. F. Stagmeier. 2,052,903; Sept. 1.
- Machine for applying liquid to articles. S. J. Finn. 2,036,324; Apr. 7.



- Machine for applying piping and the like to leather goods. J. J. Donovan. 2,060,288; Nov. 10.
- Machine for applying screw closures to containers. A. C. Everett. 2,066,259; Dec. 29.
- Machine for applying tire patches. C. E. Dunlap. 2,048,542; July 21.
- Machine for assembling cushion spring units. T. J. King and F. R. Zimmerman. 2,059,117; Oct. 27.
- Machine for assembling ophthalmic mountings. N. M. Baker. 2,049,101; July 28.
- Machine for assembling ophthalmic mountings. S. E. Bouchard. 2,033,608; Mar. 10.
- Machine for assorting round and cylindrical articles. C. J. Du Brul and W. J. Luttmann. 2,065,888; Dec. 29.
- Machine for attaching articles to other objects. H. A. Bickford. 2,029,353; Feb. 4.
- Machine for attaching snap fasteners. D. Silberman. 2,045,805; June 30.
- Machine for automatically sorting cards. P. Mansel. 2,034,107; Mar. 17.
- Machine for bagging potatoes or the like. H. C. Stockdale. 2,065,158; Dec. 22.
- Machine for beading bodies of sheet metal. B. J. Lindgren. 2,037,247; Apr. 14.
- Machine for bending pipes and the like. C. F. W. Frank. 2,033,423; Mar. 10.
- Machine for blowing bulbs. C. A. Brown and C. E. Hahn. 2,060,659; Nov. 10.
- Machine for blowing glass articles. J. F. Rule. 2,041,517; May 19.
- Machine for breaking cubes of ice. T. J. Fegley and G. O. Leopold. 2,065,677; Dec. 29.
- Machine for building rubber cylinders. W. A. Lippincott and D. W. Campbell. 2,058,243; Oct. 20.
- Machine for capping and sealing containers. H. F. Glunz. 2,049,768; Aug. 4.
- Machine for casting stereotype plates and the like. K. Schafflein. 2,031,132; Feb. 18.
- Machine for charging annealing furnaces and the like. H. W. Ball. 2,028,038; Jan. 14.
- Machine for charging annealing furnaces and the like. H. Buck and H. W. Ball. 2,028,045; Jan. 14.
- Machine for cleaning seed cotton and for extracting the seed cotton from burrs and hulls. J. Blewett. 2,031,587; Feb. 25.
- Machine for cleaning the matrices of typesetting machines. E. Albrecht. 2,056,159; Oct. 6.
- Machine for closing and sealing bags and like containers. A. H. Maynard. 2,045,397; June 23.
- Machine for closing cartons. G. F. Ford and W. F. Pittman. 2,064,200; Dec. 15.
- Machine for closing cartons. G. H. Little. 2,051,339; Aug. 18.
- Machine for closing wirebound boxes. A. L. Rosenmund. 2,063,124; Dec. 8.
- Machine for coating materials. L. Bellamy. 2,051,813; Aug. 25.
- Machine for coating metal plates with metals or alloys. S. Davies. 2,037,503; Apr. 14.
- Machine for coating pipes. T. H. Wilson. 2,053,307; Sept. 8.
- Machine for coating printers' rollers. C. G. Bingham. 2,047,993; July 21.
- Machine for coating strips of lumber. I. F. Dittmar. 2,026,521; Jan. 7.
- Machine for coating the peripheral portions of soles. J. H. Brown. 2,063,149; Dec. 8.
- Machine for coiling filaments. G. Illingworth and J. F. Donovan. 2,054,675; Sept. 15.
- Machine for combining and winding two or more webs of flexible material. H. McC. Johnstone. 2,057,029; Oct. 13.
- Machine for compressing and loading articles of flat form. P. D. Parsons. 2,059,960; Nov. 3.
- Machine for compressing cotton wads. J. A. Voss. 2,058,275; Oct. 20.
- Machine for conditioning shoe bottom fillers. C. F. Eaton. 2,061,455; Nov. 17.
- Machine for connecting upholstery springs with each other. C. D. Gilmore. 2,058,679; Oct. 27.
- Machine for continuously inserting bottoms and lids in finished vessel walls of paper, cardboard, and the like. C. Majer. 2,029,827; Feb. 4.
- Machine for cording ornamentation. S. Ross. 2,061,922; Nov. 24.
- Machine for cutting and winding ribbon tape. A. D. Eitzen. 2,032,355; Mar. 3.
- Machine for cutting bars. J. L. Anderson. 2,054,847; Sept. 22.
- Machine for cutting bars and tubes of glass. C. Eisler. 2,063,236; Dec. 8.
- Machine for cutting bevel gears with longitudinally curved teeth. H. Schicht. 2,037,930; Apr. 21.
- Machine for cutting or shredding plant leaves, paper, and the like. A. Podmore. 2,038,502; Apr. 21.
- Machine for cutting plaster casts. Combination. J. W. O'Banion. 2,045,050; June 23.
- Machine for cutting rubber stock. J. C. Carlin. 2,042,829; June 2.
- Machine for cutting sheets of rubber, linoleum, and the like. P. W. Lamson. 2,065,380; Dec. 22.
- Machine for cutting threads. W. L. Benninghoff. 2,054,028-9; Sept. 8.
- Machine for cutting transverse grooves in pneumatic and resilient tires. E. Piquerez. 2,048,947; July 28.
- Machine for decorating flat surfaces. W. R. Simonton. 2,061,679; Nov. 24.
- Machine for depositing circulars into containers. F. P. Lindgren. 2,042,719; June 2.
- Machine for discharging biscuits from pans. R. F. Macfarlane. 2,046,832; July 7.
- Machine for distributing material on highways in measured form. C. M. Matthies. 2,048,941; July 28.
- Machine for driving linear objects. R. F. Knight and I. M. Reid. 2,035,551; Mar. 31.
- Machine for driving piling in railroad beds. M. Jones. 2,063,383; Dec. 8.
- Machine for dusting bran. P. M. Thompson. 2,037,100; Apr. 14.
- Machine for dusting plants with an insecticide. C. George. 2,057,332; Oct. 13.
- Machine for edging glass sheets. W. Owen. 2,046,405; July 7.
- Machine for edging glass sheets. W. Owen. 2,057,844; Oct. 20.
- Machine for electrically welding wires. W. D. Bumstead. 2,034,560; Mar. 17.
- Machine for extruding plastic materials. F. A. Parkhurst. 2,061,042; Nov. 17.
- Machine for fashioning articles successively from bar stock. C. A. Rich. 2,039,347; May 5.
- Machine for fashioning articles successively from bar stock. C. A. Rich. 2,043,772; June 9.
- Machine for fastening covers to containers. H. T. McClure. 2,034,408; Mar. 17.
- Machine for feeding can ends. G. W. Mudd. 2,063,183; Dec. 8.
- Machine for feeding, stacking and boxing articles. J. Van Buren. 2,051,190; Aug. 18.
- Machine for filleting fish. H. S. Rowton and J. L. Rowton. 2,031,856; Feb. 25.
- Machine for filling and sealing paper bags. H. G. Eynon. 2,044,879; June 23.
- Machine for filling, closing, and sealing bags. W. N. Baker and R. N. Cundall. 2,049,757; Aug. 4.
- Machine for finishing chocolate and the like. F. S. Carver. 2,035,863; Mar. 31.
- Machine for finishing cylindrical bodies or pipes. C. M. Yoder. 2,033,967; Mar. 17.
- Machine for folding paper or other materials. R. Hitchcock. 2,058,877; Oct. 27.
- Machine for folding the margin of sheet material. R. G. Reid, Jr. 2,056,312; Oct. 6.
- Machine for forming cylindrical containers. A. H. Schmidtke. 2,058,182; Oct. 20.
- Machine for forming glass articles. R. H. Barnard. 2,038,519; Apr. 28.
- Machine for forming hollow glass articles. L. D. Soubier. 2,034,844; Mar. 24.
- Machine for forming pies and the like. E. Moss. 2,055,726; Sept. 29.
- Machine for forming sole-pieces. F. E. Bertrand. 2,057,665; Oct. 20.
- Machine for forming threads on metal tubing. T. Briegel. 2,035,687; Mar. 31.
- Machine for generating cams of the worm type. R. Bishop. 2,053,597; Sept. 8.
- Machine for gluing. G. G. Gustafson. 2,035,650; Mar. 31.
- Machine for grinding and surfacing stones. E. H. Trysell. 2,036,841; Apr. 7.
- Machine for grinding gear wheels. A. H. Orcutt. 2,048,462; July 21.
- Machine for grinding gear wheels. A. H. Orcutt. 2,066,220; Dec. 29.
- Machine for grinding material. J. McIntyre. 2,057,307; Oct. 13.
- Machine for grinding valves of the mushroom or poppet type. O. Klein. 2,060,396; Nov. 10.
- Machine for inlaying rubber yarn in rib fabric. W. Larkin. 2,035,324; Mar. 24.
- Machine for inserting a compressed strip into a joint. P. A. Voigt and H. L. Rogers. 2,045,256; June 23.
- Machine for inserting bottles, etc., into tight fitting bags. D. J. Renfro. 2,031,005; Feb. 18.
- Machine for inserting fasteners and forming the heel area of a sole. F. B. Dopp. 2,028,382; Jan. 21.
- Machine for inserting printing plates into frames. W. T. Gollwitzer. 2,050,310; Aug. 11.
- Machine for interlacing leaves of paper in sets. J. Puig. 2,050,669; Aug. 11.
- Machine for lacing shoe uppers. S. J. Finn. 2,053,469; Sept. 8.
- Machine for lacing shoe uppers. J. Fossa and H. D. Elliott. 2,056,961; Oct. 13.
- Machine for leveling and compacting floor covering. D. G. Clifford. 2,038,416; Apr. 21.
- Machine for leveling land and forming borders. J. J. Allison and I. F. Collier. 2,057,407; Oct. 13.
- Machine for lining bearings. S. W. Crawford. 2,044,834; June 23.
- Machine for machining ball and roller bearing cups and ball races. A. E. Drissner. 2,056,835; Oct. 6.
- Machine for making absorbent pads. C. A. Fourness and O. E. Hagen. 2,036,209; Apr. 7.
- Machine for making and applying staples. V. H. Ellacott. 2,060,930; Nov. 17.
- Machine for making and assembling matches and ignition holders. J. C. Donnelly. 2,058,573; Oct. 27.



- Machine for making and driving corrugated fasteners. J. S. McChesney. 2,050,009-10; Aug. 4.
- Machine for making and inserting metallic fasteners. D. J. Ajouelo and J. L. Moore. 2,049,249; July 28.
- Machine for making and inserting metallic fastenings. D. J. Ajouelo. 2,036,988; Apr. 7.
- Machine for making binding strips. W. Stuebing, Jr. 2,042,912; June 2.
- Machine for making bolts and the like. W. L. Clouse. 2,038,541; Apr. 28.
- Machine for making bolts and the like. W. L. Clouse. 2,043,093; June 2.
- Machine for making box-parts. C. D. Knowlton. 2,042,472; June 2.
- Machine for making button backs and the like. W. T. Abel. 2,042,375; May 26.
- Machine for making cigar rolls. F. H. B. Stelzer. 2,033,310; Mar. 10.
- Machine for making coiled-coils. S. Wadsten. 2,056,028; Sept. 29.
- Machine for making confections. C. E. Peterson. 2,044,748; June 16.
- Machine for making corn plasters. G. H. Perryman. 2,033,736; Mar. 10.
- Machine for making drums, kegs, and the like. R. A. Muller. 2,031,570; Feb. 18.
- Machine for making electrical cables. H. A. Staples. 2,031,014; Feb. 18.
- Machine for making filament supporting structures. F. J. Malloy. 2,053,332; Oct. 20.
- Machine for making finishing welts. P. Blanchet and G. Tillie. 2,028,494; Jan. 21.
- Machine for making grids. J. Flaws, Jr. 2,034,653; Mar. 17.
- Machine for making grinding wheels. J. G. Goodhue. 2,031,158; Feb. 18.
- Machine for making handled shopping bags. H. K. Steen. 2,060,450; Nov. 10.
- Machine for making heat transfer units. H. F. Maynes. 2,057,244; Oct. 13.
- Machine for making insulating material. O. F. Mottweiler. 2,029,081; Jan. 28.
- Machine for making match splints and similar articles. N. G. Begle. 2,058,207; Oct. 20.
- Machine for making needle punched fabric. T. S. McDermott. 2,036,766; Apr. 7.
- Machine for making open window envelopes. E. B. Berkowitz. 2,049,728; Aug. 4.
- Machine for making photo prints on printing cylinders. J. J. Brell. 2,040,827; May 19.
- Machine for making pile fabrics. E. K. Bauer. 2,063,221; Dec. 8.
- Machine for making piping, welting, finishing strips or the like. A. W. Rockwood. 2,062,729; Dec. 1.
- Machine for making pretzels. H. A. Elliott. 2,057,772; Oct. 20.
- Machine for making pretzels. H. A. Gerland. 2,031,365; Feb. 18.
- Machine for making reenforced concrete beams. H. F. Young. 2,039,204; Apr. 28.
- Machine for making reticulated wire structures. C. E. Edwards. 2,050,832; Aug. 11.
- Machine for making roads. K. H. Talbot and T. C. Thee. 2,046,417; July 7.
- Machine for making rubber threads and making the same. G. D. Kratz. 2,037,031; Apr. 14.
- Machine for making sanitary napkins. A. P. Jurgensen. 2,039,425; May 5.
- Machine for making valve steam bases. W. F. Goff and E. F. Tobold. 2,061,654; Nov. 24.
- Machine for making wire garment hangers. D. S. Boyles. 2,059,771; Nov. 3.
- Machine for making wood heels. A. F. Howe. 2,045,390; June 23.
- Machine for manufacture of window envelopes and like containers. A. Winkler and M. Dünnebie. 2,049,483; Aug. 4.
- Machine for manufacturing fishhooks. P. A. Nelson. 2,054,335; Sept. 15.
- Machine for manufacturing paper excelsior. W. Joyce. 2,040,745; May 12.
- Machine for manufacturing reenforcing elements for concrete structures. J. G. Thibierge. 2,032,673; Mar. 3.
- Machine for manufacturing stationery. W. L. Harriman. 2,060,309; Nov. 10.
- Machine for manufacturing window envelopes. C. J. Wensler. 2,061,885; Nov. 24.
- Machine for marking fabric. H. W. Beall. 2,054,591; Sept. 15.
- Machine for measuring gears and helical leads. E. W. Miller. 2,060,518; Nov. 10.
- Machine for milling, profiling, and the like. L. F. Nenninger, M. Romaine, and B. Sassen. 2,036,293; Apr. 7.
- Machine for mixing, stirring, and kneading dough. F. Aeschbach. 2,036,112; Mar. 31.
- Machine for molding candles. C. G. Schmitt. 2,057,540; Oct. 13.
- Machine for molding hollow rubber articles. L. J. Clayton. 2,027,634; Jan. 14.
- Machine for molding shoe bottom parts. J. M. Whelton. 2,065,465; Dec. 22.
- Machine for operating on shoe parts. C. W. Greene. 2,062,307; Dec. 1.
- Machine for operating on shoe parts. C. E. Hood. 2,047,267; July 14.
- Machine for operating on shoes. S. J. Finn. 2,035,468; Mar. 31.
- Machine for operating on shoe uppers. B. Jorgensen. 2,060,085; Nov. 10.
- Machine for operating upon hides, skins, and leather. G. A. Schettler. 2,032,379; Mar. 3.
- Machine for operating upon hides, skins, and leather. G. A. Schettler. 2,038,682; Apr. 28.
- Machine for operating upon hides, skins, and leather. R. F. Whitney. 2,030,130; Feb. 11.
- Machine for operating upon hides, skins, and leather. R. F. Whitney. 2,038,621; Apr. 28.
- Machine for operating upon hides, skins and leather. R. F. Whitney. 2,047,536; July 14.
- Machine for operating upon hides, skins, and pieces of leather. H. A. Ballard. 2,042,495; June 2.
- Machine for operating upon hides, skins, and pieces of leather. H. A. Ballard. 2,063,974; Dec. 15.
- Machine for operating upon sheet material. M. H. Ballard. 2,053,313; Sept. 8.
- Machine for operating upon sheet material. C. E. Hardbrook, Jr. 2,059,344; Nov. 3.
- Machine for operating upon sheet material. L. S. Macdonald. 2,027,445; Jan. 14.
- Machine for operating upon sheet material. G. E. McLaughlin. 2,041,080; May 19.
- Machine for operating upon sheet material. R. N. Sandberg. 2,053,303; Sept. 8.
- Machine for operating upon sheet materials. R. C. Simons. 2,065,621; Dec. 29.
- Machine for operating upon shoe parts. G. Hazelton. 2,026,634; Jan. 7.
- Machine for operating upon shoe parts. E. E. Winkley. 2,038,696; Apr. 28.
- Machine for operating upon shoes. A. R. Morrill. 2,040,756; May 12.
- Machine for operating upon shoes. A. R. Morrill. 2,050,499; Aug. 11.
- Machine for operating upon shoes. E. W. Stacey. 2,041,095; May 19.
- Machine for operating upon, skins, hides, and leather. G. A. Schettler. 2,033,154; Mar. 10.
- Machine for operating upon soles. E. E. Sabin. 2,044,104; June 16.
- Machine for operating upon the end portions of shoes. F. J. Better. 2,036,086; Mar. 31.
- Machine for operating upon the end portions of shoes. J. C. Cantley. 2,036,085; Mar. 31.
- Machine for operating upon the heel portions of shoes. J. F. Standish. 2,033,158; Mar. 10.
- Machine for operating upon the heel-portion of shoes. R. B. Woodcock and F. Barton. 2,034,734; Mar. 24.
- Machine for packing articles in boxes. W. D. Kimball, C. I. Braren and M. McFaul. 2,047,272; July 14.
- Machine for packing pulverulent material. K. Middleboe. 2,039,257; Apr. 28.
- Machine for peeling or cleaning vegetables and the like. F. H. Wright and E. W. Lewis. 2,043,873; June 9.
- Machine for perforating cigars. L. J. Dorfman. 2,065,995; Dec. 29.
- Machine for perforating shoe parts. P. R. Glass. 2,054,077; Sept. 15.
- Machine for pickling, swelling, and scrubbing metal plates. S. Davies. 2,050,649; Aug. 11.
- Machine for plane grinding piston rings. E. Junker. 2,034,621; Mar. 17.
- Machine for plucking hops. G. A. Hinds. 2,064,748; Dec. 15.
- Machine for polishing mineral particles. C. B. Ulrich. 2,065,108; Dec. 22.
- Machine for preparing pastes. M. and G. Braibanti. 2,026,667; Jan. 7.
- Machine for pressing soles on shoes. M. H. Ballard, D. W. Bunker, S. J. Finn, J. F. Hardy, T. H. Seely, and W. D. Thomas. 2,047,185; July 14.
- Machine for pressing the bottoms of shoes. J. P. Frederickson. 2,063,919; Dec. 15.
- Machine for producing congealed substances. W. H. Taylor. 2,054,841; Sept. 22.
- Machine for producing fabric cleaners. I. H. Marshall. 2,058,093; Oct. 20.
- Machine for producing gears. E. Finsen. 2,048,690; July 28.
- Machine for producing gears. A. P. Schausell and J. E. Gleason. 2,044,485; June 16.
- Machine for producing hexagonal mesh wire fabric. C. W. Holmquist. 2,060,418; Nov. 10.
- Machine for producing narrow strip fabric from broadloom fabric. D. F. Maxfield. 2,035,138; Mar. 24.
- Machine for producing paving aggregates. W. C. Elze and J. W. Davitt. 2,045,451; June 23.
- Machine for producing records on statistical cards. C. W. Gregory and F. G. S. English. 2,034,341; Mar. 17.
- Machine for producing tufted articles. R. H. Bradwell. 2,038,923; Apr. 28.
- Machine for projecting kaleidoscopic designs. H. A. Smith, L. R. Pettit, and M. D. Smith. 2,038,909; Apr. 28.
- Machine for pulling shoes off the last. J. A. Bata. 2,062,083; Nov. 24.
- Machine for quilting mattress borders. J. W. Bowersox. 2,059,345; Nov. 3.
- Machine for railroads, interlocking. W. K. Howe. 2,042,659; June 2.



- Machine for reading perforated cards. R. Senkel and E. Dueball. 2,035,725; Mar. 31.
- Machine for reclaiming waste fiber. C. N. and W. E. McIntyre. 2,064,024; Dec. 15.
- Machine for reclaiming yarn from knitted fabric. G. Gastrich. 2,061,232; Nov. 17.
- Machine for refining paper stock and pulp. W. H. Hermann and L. H. Wessel. 2,027,041; Jan. 7.
- Machine for removing foreign matter from coffee beans. E. G. Berry. 2,065,557; Dec. 29.
- Machine for removing tire treads. G. F. Connelly. 2,041,818; May 26.
- Machine for removing tire treads. G. F. Connelly. 2,042,509; June 2.
- Machine for removing tread from tire casings. W. H. Huntley and L. B. Medlin. 2,045,778; June 30.
- Machine for removing wrappers. E. A. Hamwi. 2,032,573; Mar. 3.
- Machine for reproducing printing plates from pictures. J. A. Bennett. 2,047,851; July 14.
- Machine for reshaping and enlarging pistons. V. F. Lipard. 2,052,355; Aug. 25.
- Machine for roughing shoe parts. C. G. Brostrom. 2,040,829; May 19.
- Machine for rounding and channeling soles. J. B. Hadaway. 2,026,628; Jan. 7.
- Machine for salvaging carbons. W. E. Cross. 2,029,522; Feb. 4.
- Machine for scutching short fibers of flax, jute, hemp, asbestos, and other short fibers. W. B. Bartram and J. H. Larmuth. 2,044,460; June 16.
- Machine for sealing ampules or the like. H. M. Erdmann and W. Voetter. 2,051,764; Aug. 18.
- Machine for sealing folders. W. W. Grieb and E. J. Simon. 2,064,658; Dec. 15.
- Machine for sealing folders. E. J. Simon. 2,055,508; Sept. 29.
- Machine for selecting cork disks. J. V. Sala. 2,059,038; Oct. 27.
- Machine for shaping and pressing shoe parts. S. J. Finn. 2,047,259; July 14.
- Machine for shaping cardboard articles. E. H. Newton. 2,027,649; Jan. 14.
- Machine for shaping shoe uppers. A. F. Pym. 2,028,167; Jan. 21.
- Machine for shaping shoe uppers. A. F. Pym. 2,039,448; May 5.
- Machine for shaping shoe uppers or parts thereof. J. Fausse. 2,059,327; Nov. 3.
- Machine for shaping uppers over lasts. R. W. Cummings, L. G. Knowles, and A. Eppler, Jr. 2,040,124; May 12.
- Machine for shaping uppers over lasts. A. F. Pym and W. E. Scarlett. 2,028,351; Jan. 21.
- Machine for shaping uppers over lasts. C. F. Pym. 2,041,955; May 26.
- Machine for shaping uppers over lasts. C. F. Pym. 2,050,377; Aug. 11.
- Machine for shaping uppers over lasts. C. F. Pym. 2,063,193; Dec. 8.
- Machine for simulating hand-writing. G. Tauschek. 2,049,675; Aug. 4.
- Machine for slicing meats. K. E. Olsson. 2,029,032; Jan. 28.
- Machine for sorting statistical cards. A. Thomas. 2,034,010; Mar. 17.
- Machine for spinning and aftertreating artificial silk. T. Grauer. 2,053,189; Sept. 1.
- Machine for splitting leather. L. F. Weber. 2,036,376; Apr. 7.
- Machine for splitting sheet material. W. D. Thomas. 2,053,304; Sept. 8.
- Machine for squaring the ends of cakes of ice. M. J. Uline. 2,058,744; Oct. 27.
- Machine for stretching and compressing materials. J. H. V. Finney. 2,032,656; Mar. 3.
- Machine for stuffing upholstery piping. A. B. Mueller. 2,033,584; Mar. 10.
- Machine for surfacing brake shoes. J. Kuhle. 2,052,981; Sept. 1.
- Machine for tamping earth. J. Eggert. 2,031,695; Feb. 25.
- Machine for taping lamp shades. A. G. Hembd. 2,036,142; Mar. 31.
- Machine for testing accuracy of gears. G. L. Hansen. 2,026,784; Jan. 7.
- Machine for testing bearings and lubricants. R. J. S. Pigott and A. A. Lane. 2,033,588; Mar. 10.
- Machine for testing cans. A. A. Trombly. 2,051,758; Aug. 18.
- Machine for testing clutch assemblies. H. B. Eldridge and C. E. Klein. 2,044,067; June 16.
- Machine for testing collapsible tubes. G. W. Temple. 2,061,744; Nov. 24.
- Machine for the electric welding of the feet of knitting machine needles. G. Fuchs and H. Späth. 2,062,647; Dec. 1.
- Machine for the manufacture of filled chocolates. J. J. Jensen. 2,055,605; Sept. 29.
- Machine for the manufacture of pocket bands containing upholstery springs. J. Spühl. 2,032,510; Mar. 3.
- Machine for the production of knitted fabrics. J. A. Phillips. 2,030,317; Feb. 11.
- Machine for the production of molded pulp articles. H. J. Desmond. 2,038,721; Apr. 28.
- Machine for the sale of newspapers. A. Ehrmantraut. 2,065,127; Dec. 22.
- Machine for the wet treatment of materials. Z. Sochor. 2,062,945; Dec. 1.
- Machine for transferring designs. D. V. Mazzocco. 2,031,222; Feb. 18.
- Machine for translating semi-fluids and comminuted solids. W. L. Hart. 2,045,081; June 23.
- Machine for treating fabric. E. L. Smith and H. H. Belcher. 2,050,977; Aug. 11.
- Machine for treating hides, skins, and leather. J. H. Connor. 2,035,461; Mar. 31.
- Machine for treating newly pasted storage battery plates. C. A. Hall. 2,035,746; Mar. 31.
- Machine for treating pipe and pipe lines. H. L. Harrison. 2,041,337; May 19.
- Machine for trenchless boring. J. W. Reifel. 2,027,063; Jan. 7.
- Machine for trimming and splicing the waste ends of paper and similar webs. J. A. Jones and A. C. Miller. 2,059,873; Nov. 3.
- Machine for trimming fabrics. A. H. Schumacher. 2,053,207; Sept. 1.
- Machine for unsealing can tops. E. N. Gauthier. 2,028,202; Jan. 21.
- Machine for use in applying pressure to shoe bottoms. J. T. Lancaster. 2,063,172; Dec. 8.
- Machine for use in making boxes. E. F. Valley. 2,055,091; Sept. 22.
- Machine for use in manufacture of cylinder locks. R. W. Griffith. 2,046,624; July 7.
- Machine for use in the manufacture of chewing gum. C. E. Peterson. 2,031,573; Feb. 18.
- Machine for use in the manufacture of shoes. B. Jorgensen. 2,033,245; Mar. 10.
- Machine for use in the manufacture of shoes. O. L. Lawson. 2,045,714; June 30.
- Machine for utilizing registration cards. G. Tauschek. 2,056,375; Oct. 6.
- Machine for vending tickets. W. J. Doherty and E. F. Gilford. 2,041,636; May 19.
- Machine for verifying perforated record cards. A. Thomas. 2,055,186; Sept. 22.
- Machine for washing and grading vegetables, fruits or the like. L. H. Platt. 2,052,001; Aug. 25.
- Machine for washing, drying, and polishing tumblers, cups, and like articles. A. Griffiths. 2,032,013; Feb. 25.
- Machine for washing, rinsing, and drying glassware. A. R. Lofstrand, Jr. 2,052,835; Sept. 1.
- Machine for welding tubular articles. G. E. Mirfield. 2,037,916; Apr. 21.
- Machine for winding electrical coils. A. W. Le Boeuf. 2,029,577; Feb. 4.
- Machine for working liquid, pulverulent, and granular masses. H. Horn. 2,055,689; Sept. 29.
- Machine for wrapping articles. D. R. Grant and E. J. Hambrecht. 2,043,830; June 9.
- Machine for wrapping sweets and the like. F. Grover. 2,046,262; June 30.
- Machine frame, Dynamo-electric. E. Klaiber. 2,048,161; July 21.
- Machine-gun and converter therefor. C. J. Michal, Jr. 2,056,975; Oct. 13.
- Machine or apparatus for use on railway tracks. W. B. Bronander. 2,037,701; Apr. 21.
- Machine or unit for use in conjunction with metallurgical and like furnaces, Gas producer. J. Fallon. 2,065,177; Dec. 22.
- Machine parts and apparatus intended for high temperature operation. F. Rittershausen and H. Korschan. 2,031,904; Feb. 25.
- Machine parts, Process of and machine for forming headed. D. E. Johnson. 2,036,758; Apr. 7.
- Machine parts, Rectilinear adjustment of. H. Lindner. 2,039,232; Apr. 28.
- Machine plate clamp, Lithograph offset. G. P. Daminaitis. 2,031,559; Feb. 18.
- Machine ribbon, Regenerated cellulose inking. W. W. McElrath. 2,054,091; Sept. 15.
- Machine to transform pressure of a simple character into a rotating motive force. W. G. Rawlings. 2,056,435; Oct. 6.
- Machine tool. C. A. Bickel. 2,050,746; Aug. 11.
- Machine tool. L. H. Blood. 2,042,247; May 26.
- Machine tool. E. P. Burrell. 2,039,146; Apr. 28.
- Machine tool. E. P. Burrell. 2,055,651; Sept. 29.
- Machine tool. H. Ernst. 2,036,206; Apr. 7.
- Machine tool. D. Gilchrist. 2,054,018; Sept. 8.
- Machine tool. G. E. Hallenbeck. 2,055,530; Sept. 29.
- Machine tool. R. E. W. Harrison and C. W. Hopkins. 2,042,257; May 26.
- Machine tool. C. H. Howland-Shearman. 2,039,842; May 5.
- Machine tool. E. J. Kingsbury. 2,053,400; Sept. 8.
- Machine tool. J. E. Lovely. 2,061,311; Nov. 17.
- Machine tool. J. E. Lovely and J. R. Knights. 2,065,816; Dec. 29.
- Machine tool. E. K. Morgan. 2,030,888; Feb. 18.
- Machine tool. A. Oberhoffen. 2,040,872; May 19.
- Machine tool. A. Oberhoffen. 2,054,760; Sept. 15.
- Machine tool. F. A. Parsons. 2,052,647; Sept. 1.
- Machine tool. W. Peaslee. 2,033,395; Mar. 10.
- Machine tool. J. L. Perkins. 2,029,385; Feb. 4.
- Machine tool. C. J. Schroeder. 2,035,283; Mar. 24.



- Machine tool. E. D. Vancil and F. S. Haas. 2,045,737; June 30.
- Machine tool feed. H. F. Vickers. 2,028,850; Jan. 28.
- Machine tool, General utility. E. R. Lochman. 2,050,347; Aug. 11.
- Machine tool, particularly milling machine having a counter support. R. Stuhlmacher. 2,030,481; Feb. 11.
- Machine tool structure. A. F. Bennett. 2,055,783; Sept. 29.
- Machine unit, Motor operated. H. R. Van Deventer. 2,062,045; Nov. 24.
- Machine valves, Mechanism for operating milking. C. H. Hapgood. 2,059,340; Nov. 3.
- Machine with supplemental recorder, Accounting. J. W. Bryce and G. F. Daly. 2,062,118; Nov. 24.
- Machinery for making baskets. W. F. Newhouse. 2,056,734; Oct. 6.
- Machinery for making receptacles. W. F. Newhouse and L. M. Hille. 2,030,071; Feb. 11.
- Machinery for trimming printing plates. W. F. Huck. 2,056,968; Oct. 13.
- Machinery subject to vibration, Suspension of. F. Neale. 2,056,733; Oct. 6.
- Machines for ginning and cleaning cotton. J. C. Harris. 2,064,602; Dec. 15.
- Machines wherein material is unwound from a holder, Automatically stopping. J. H. Larmuth. 2,040,144; May 12.
- Machining by electric current. C. J. Holslag. 2,059,236; Nov. 3.
- Magazine, Card. W. W. Lasker. 2,059,254; Nov. 3.
- Magazine fabric filter. J. B. Goodwin. 2,055,927; Sept. 29.
- Magazine filling machine and dispenser magazine. G. Koren. 2,040,747; May 12.
- Magazine for applying hard material, Vibrating. G. W. Woods. 2,044,556; June 16.
- Magazine for lead pencils. A. Leistenschneider. 2,049,208; July 28.
- Magazine for razor blades. L. Kuhn. 2,043,046; June 2.
- Magazine loader. R. F. Schiveley. 2,029,444; Feb. 4.
- Magazine of typographical composing machines. W. F. Gorse. 2,057,775; Oct. 20.
- Magazine shift for linecasting and composing machines. E. S. Larson. 2,036,282; Apr. 7.
- Magazine vending machine. A. Graillat. 2,032,278; Feb. 25.
- Magic display apparatus. P. Lamonte. 2,046,826; July 7.
- Magnesium alloys, especially in shaped form, Improving. W. Schmidt, P. Spitaler, and W. Schultze. 2,030,767; Feb. 11.
- Magnesium alloys, Rolling. R. D. Lowry and F. L. Reynolds. 2,029,728; Feb. 4.
- Magnesium and high percentage magnesium alloys, Forging. W. Schmidt and H. Altwicker. 2,064,323; Dec. 15.
- Magnesium and magnesium alloys, Protecting. J. M. Michel. 2,028,343; Jan. 21.
- Magnesium, Apparatus for condensing. F. R. Kemmer. 2,065,709; Dec. 29.
- Magnesium, Apparatus for producing substantially pure. F. Hansgirg. 2,029,921; Feb. 4.
- Magnesium, Apparatus for producing substantially pure. F. Hansgirg. 2,060,070; Nov. 10.
- Magnesium articles, Treating. J. A. Gann and W. H. Gross. 2,041,331; May 19.
- Magnesium carbonate, Manufacturing basic. S. A. Abrahams. 2,027,714; Jan. 14.
- Magnesium chlorate, Production of. G. L. Cunningham. 2,047,549; July 14.
- Magnesium, Condensing. F. R. Kemmer. 2,051,863; Aug. 25.
- Magnesium dolomites, Decalcification of. C. D. Wygal. 2,028,639; Jan. 21.
- Magnesium, Forging. R. T. Wood. 2,046,355; July 7.
- Magnesium, Producing substantially pure. F. Hansgirg. 2,045,352; June 23.
- Magnesium product and process of manufacture. H. H. Chesny. 2,035,460; Mar. 31.
- Magnesium, Production of. R. Suchy. 2,051,913; Aug. 25.
- Magnesium, Production of metallic. F. Hansgirg. 2,039,483; May 5.
- Magnesium products, Manufacturing. H. H. Chesny, W. H. Farnsworth, and P. D. V. Manning. 2,041,047; May 19.
- Magnesium, Purifying. W. Schmidt and A. Beck. 2,029,898; Feb. 4.
- Magnet containing copper, Permanent. T. Mishima. 2,027,997; Jan. 14.
- Magnet containing nickel, aluminum, and manganese, Permanent. T. Mishima. 2,027,999; Jan. 14.
- Magnet containing nickel, aluminum, and vanadium, Permanent. T. Mishima. 2,028,000; Jan. 14.
- Magnet containing nickel, aluminum, cobalt, and chromium, Permanent. T. Mishima. 2,027,998; Jan. 14.
- Magnet for small electrical machines, Permanent. H. Ruppe. 2,062,938; Dec. 1.
- Magnet, Permanent. W. Köster. 2,036,281; Apr. 7.
- Magnet steel containing nickel and aluminium. T. Mishima. 2,027,994; Jan. 14.
- Magnet support for electric switches and relays, Adjustable. D. M. Holbrook. 2,051,298; Aug. 18.
- Magnet switch. L. M. Persons. 2,030,933; Feb. 18.
- Magnet system. A. Meissner. 2,030,648; Feb. 11.
- Magnet with cobalt, Strong permanent. T. Mishima. 2,027,996; Jan. 14.
- Magnet with tungsten, molybdenum or chromium, Strong permanent. T. Mishima. 2,027,995; Jan. 14.
- Magnetic amplifying and control system. A. S. Fitz Gerald. 2,027,312; Jan. 7.
- Magnetic analysis. T. Zuschlag. 2,028,486; Jan. 21.
- Magnetic analysis. T. Zuschlag. 2,034,501-2; Mar. 17.
- Magnetic analysis-apparatus. T. Zuschlag. 2,056,996; Oct. 13.
- Magnetic brake. T. H. Schoepf and D. M. Ritchie. 2,062,192; Nov. 24.
- Magnetic characteristics of material, Method of and apparatus for determining the. K. L. Scott. 2,035,248; Mar. 24.
- Magnetic clutch. E. E. Berry. 2,057,876; Oct. 20.
- Magnetic clutch. J. L. Hope. 2,055,723; Sept. 29.
- Magnetic clutch. A. P. Warner. 2,061,787; Nov. 24.
- Magnetic compensator. C. H. Colvin. 2,048,920; July 28.
- Magnetic directions, Device for indicating. K. Sydnes. 2,049,232; July 28.
- Magnetic field direction and intensity finder. H. Antranikian. 2,047,609; July 14.
- Magnetic material and producing same. F. Bitter. 2,046,717; July 7.
- Magnetic material, Treating. T. D. Yensen. 2,050,408; Aug. 11.
- Magnetic measurement. R. Selquist, R. Overholt, Jr., and J. H. Gordon. 2,033,654; Mar. 10.
- Magnetic motor. J. G. Ruckelshaus. 2,032,888-9; Mar. 3.
- Magnetic motor, Oscillatory. J. N. Frey. 2,051,992; Aug. 25.
- Magnetic rail brake. C. C. Farmer. 2,048,329; July 21.
- Magnetic separation. S. G. Frantz. 2,056,426; Oct. 6.
- Magnetic separation. F. R. Johnson. 2,065,460; Dec. 22.
- Magnetic separation, Apparatus for. C. Q. Payne. 2,045,098; June 23.
- Magnetic separation, Apparatus for. J. H. Weis. 2,062,545; Dec. 1.
- Magnetic separator. E. Grossenbacher. 2,052,876; Sept. 1.
- Magnetic sheet tester. D. Journeaux. 2,054,020; Sept. 8.
- Magnetic testing, Method and apparatus for. R. H. Eurich and R. Aubrey, Jr. 2,057,091; Oct. 13.
- Magnetic thickness gauge. R. W. Brown. 2,051,780; Aug. 18.
- Magnetically releasable latch. F. C. Schoch. 2,031,738; Feb. 25.
- Magneto. K. A. Harmon and R. W. Crocker. 2,043,042; June 2.
- Magneto, O. C. Linthwaite. 2,060,881; Nov. 17.
- Magneto. E. B. Nowosielski. 2,061,245; Nov. 17.
- Magneto. W. J. Spengler. 2,048,896; July 28.
- Magneto-electric generator. L. S. Dunham. 2,048,375; July 21.
- Magneto-electric machine. C. F. Reis. 2,059,745; Nov. 3.
- Magneto generator. W. J. Spengler. 2,060,259-60; Nov. 10.
- Magneto rotor. T. J. Harley. 2,059,518; Nov. 3.
- Magneto rotor assembly. C. F. Reis. 2,043,010; June 2.
- Magnetron. W. E. Kühle, D. Prinz, and F. Herriger. 2,031,778; Feb. 25.
- Magnets, Improvements in or relating to. A. Rehmann. 2,048,222; July 21.
- Magnifying and condensing device. L. E. Luce. 2,051,791; Aug. 18.
- Magnifying device. E. Whitmore. 2,057,807; Oct. 20.
- Mail advertising device, Direct by. I. H. Bloom. 2,035,218; Mar. 24.
- Mail box. G. E. Brandt and L. E. Kraft. 2,038,823; Apr. 28.
- Mail box, bell, number and name plate, Combined. R. E. Voepel. 2,053,588; Sept. 8.
- Mail box or road sign support. A. Kammerich. 2,050,573; Aug. 11.
- Mail box support. W. C. Chauncey. 2,054,281; Sept. 15.
- Mail box support, Indestructible safety. G. J. Dean. 2,050,280; Aug. 11.
- Mail eye clinching device and method of forming cotton harness having metal eyes. S. R. Floyd. 2,030,977; Feb. 18.
- Make-up gauge. H. R. Trotter. 2,065,253; Dec. 22.
- M-alkyl-ethers of protocatechuic aldehyde, Producing. F. Boedecker and H. Volk. 2,062,205; Nov. 24.
- Malt, Apparatus for preparation of. A. E. Jonsson. 2,029,873; Feb. 4.
- Mandrel, Grinding wheel. J. H. Blair. 2,030,910; Feb. 18.
- Manganese dioxide, Production of. C. S. Vadner. 2,042,814; June 2.
- Manganese values from ores containing them, Obtaining. A. T. Sweet and J. D. MacCarthy. 2,059,499; Nov. 3.
- Mangle. H. W. Albright. 2,060,273; Nov. 10.
- Manhole construction. A. P. Kramer. 2,051,172; Aug. 18.
- Manhole cushion. S. R. Flora. 2,050,050; Aug. 4.
- Manicure appliance. A. Hunter. 2,046,002; June 30.
- Manicure device. R. M. Langdon. 2,035,323; Mar. 24.
- Manicuring implement. P. F. Acocella. 2,056,379; Oct. 6.
- Manicuring implement. W. Naundorf. 2,061,877; Nov. 24.
- Manifold. F. R. Higley. 2,027,480; Jan. 14.
- Manifold. F. R. Higley. 2,051,556; Aug. 18.
- Manifold construction. L. F. Burger. 2,048,918; July 28.



- Manifold construction for internal combustion engines, Intake and exhaust. A. Vang. 2,054,997; Sept. 22.
- Manifold for gas stoves, Concealed. J. E. Leonard. 2,039,652; May 5.
- Manifold for heavy fuel oils, Vaporizing. C. J. Hochreiter and O. R. McLaund. 2,033,575; Mar. 10.
- Manifold inking ribbon. J. Phelps. 2,044,630; June 16.
- Manifold transfer device. G. U. Lacroix. 2,050,534; Aug. 11.
- Manifolding. A. A. Johnson. 2,064,611; Dec. 15.
- Manifolding. C. W. Brenn. 2,036,960; Apr. 7.
- Manifolding apparatus. F. R. Ford. 2,048,543; July 21.
- Manifolding apparatus for printing from mirror script originals on premoistened sheets or the like. W. Ritzfeld. 2,051,897; Aug. 25.
- Manifolding apparatus, Multiple. R. C. Lassiat. 2,059,255; Nov. 3.
- Manifolding attachment for typewriters. J. Q. Sherman and A. W. Metzner. 2,063,959; Dec. 15.
- Manifolding attachment for writing machines. J. Q. Sherman. 2,049,085; July 28.
- Manifolding device. J. E. Rohn. 2,045,102; June 23.
- Manifolding machine. W. G. Borchers. 2,039,700; May 5.
- Manifolding means for multicylinder engines. J. W. Swan. 2,046,797; July 7.
- Manifolding unit. L. Huffman. 2,060,318; Nov. 10.
- Manikin. A. G. Saxe. 2,034,446; Mar. 17.
- Manipulator. J. A. Wolle. 2,037,956; Apr. 21.
- Manometer. R. W. Cretney. 2,045,635; June 30.
- Manometer. H. B. Wilcox. 2,038,777; Apr. 28.
- Manual and record controlled machine. A. W. Mills. 2,046,082; June 30.
- Manually operated tool. E. N. Winslow. 2,038,697; Apr. 28.
- Manure spreader. L. A. Button. 2,043,151; June 2.
- Manure spreader. L. B. Neighbour. 2,051,885; Aug. 25.
- Manuscript manipulator. D. W. Burt. 2,054,459; Sept. 15.
- Map distance and course indicator. D. B. Howard. 2,055,494; Sept. 29.
- Map holding and displaying device for automotive vehicles. A. O. Cobbs. 2,048,105; July 21.
- Maple products of intense flavor, Manufacture of. G. S. Whitby. 2,054,873; Sept. 22.
- Marble shooter. P. Donato. 2,048,061; July 21.
- Margarin and other edible fatty substances, Apparatus for kneading. A. Gerstenberg. 2,050,654; Aug. 11.
- Margarine and oil for use therein. H. W. Vahlteich, C. H. Haurand, and R. H. Neal. 2,047,530; July 14.
- Marginal control of gas-filled tubes. L. F. Morehouse and S. P. Shackleton. 2,058,170; Oct. 20.
- Margin-coating method and apparatus. F. J. MacDonald. 2,046,199; June 30.
- Marine craft. S. T. Dunlap and C. H. Stratton. 2,066,101; Dec. 29.
- Marine growth from canals and the like, Apparatus for raking. C. L. Smith. 2,050,133; Aug. 4.
- Marine propeller, High speed. W. F. Stow. 2,036,727; Apr. 7.
- Marker. C. Eckard and W. Barczewski. 2,035,694; Mar. 31.
- Marker. E. M. Hommel. 2,033,711; Mar. 10.
- Marker. A. J. John. 2,042,315; May 26.
- Marker. J. N. Laneri. 2,053,911; Sept. 8.
- Marker and tag holder, Battery. A. W. Myhre. 2,049,820; Aug. 4.
- Marker for highways. F. H. Korff. 2,043,414; June 9.
- Marker, Golf course. C. G. Duganne. 2,041,119; May 19.
- Marker, Grave. E. M. Walton. 2,046,594; July 7.
- Marker, Highway. H. A. Emmons. 2,065,998; Dec. 29.
- Marker, Highway. D. D. Taylor. 2,036,373; Apr. 7.
- Marker, Highway. W. B. Thompson. 2,064,504; Dec. 15.
- Marker light. R. Higgins. 2,028,906; Jan. 28.
- Marker, Motor vehicle registration. B. G. Eynon. 2,037,773; Apr. 21.
- Marker, Plant. N. C. Vander Kraats. 2,031,394; Feb. 18.
- Marker, Plant. W. R. Webster. 2,048,906; July 28.
- Marker, Plant identifying. H. U. Holzer. 2,052,030; Aug. 25.
- Marker, Shirt. B. Holtz. 2,060,373; Nov. 10.
- Marker, Street or road. J. M. Hall. 2,034,391; Mar. 17.
- Marker, Traffic. I. L. De Haas. 2,039,683; May 5.
- Marker, Traffic. A. L. Voight. 2,031,396; Feb. 18.
- Marker, Traffic lane. H. S. Johnson. 2,065,314; Dec. 22.
- Marking device. C. R. Lindholm. 2,046,639; July 7.
- Marking device. K. B. Schulthess. 2,038,962; Apr. 28.
- Marking device. H. M. Smallen. 2,041,574; May 19.
- Marking machine. A. H. Avery. 2,065,497; Dec. 29.
- Marking machine. C. F. Eaton. 2,031,763; Feb. 25.
- Marking machine. C. F. Eaton. 2,046,872; July 7.
- Marking machine. C. F. Eaton. 2,066,273; Dec. 29.
- Marking mechanism support, Primary. A. F. Foehrenbach and R. F. Shoup. 2,050,602; Aug. 11.
- Masher. J. Mantelet. 2,051,095; Aug. 18.
- Masher. J. Mantelet. 2,054,038; Sept. 8.
- Mask. E. W. Bullard. 2,036,850; Apr. 7.
- Mask. R. Malcom. 2,028,462; Jan. 21.
- Mask and making the same, Facial. R. M. Schmitt and C. M. Bell. 2,029,947; Feb. 4.
- Mask construction, Gas. T. A. O'Leary. 2,061,436; Nov. 17.
- Mask, Electrical face treating. J. S. Baddour. 2,028,889; Jan. 28.
- Mask, Face. F. G. Manson. 2,027,392; Jan. 14.
- Mask, Face. F. G. Manson. 2,062,325; Dec. 1.
- Mask, Gas. E. W. Bullard. 2,051,023; Aug. 18.
- Mask, Gas. A. Isaac. 2,058,989; Oct. 27.
- Mask, Lather. A. T. Jeffery. 2,032,804; Mar. 3.
- Mask, Protective. E. W. Wagner. 2,056,753; Oct. 6.
- Mask, Respiratory. R. Malcom. 2,039,234; Apr. 28.
- Mask, Surgical. C. Panettiere. 2,038,310; Apr. 21.
- Masking, Means for and method of. R. A. Wilson. 2,029,008; Jan. 28.
- Masonry, Dry. E. Honigmann and F. Bruckmayer. 2,056,937; Oct. 13.
- Masonry, Expanded. E. R. Powell. 2,052,842; Sept. 1.
- Masonry structures, Waterproofing. A. A. Johnson. 2,061,098; Nov. 17.
- Masonry unit. W. M. Dunagan. 2,044,382; June 16.
- Massage apparatus. M. Rüttger-Pelli. 2,043,114; June 2.
- Massage appliance or the like. G. Briggs. 2,054,849; Sept. 22.
- Massage applicator. A. P. C. Schramm. 2,048,713; July 28.
- Massage device. J. J. Mendenhall. 2,039,180; Apr. 28.
- Massage device. J. R. Seidel. 2,057,396; Oct. 13.
- Massage device, Reinforced, gland. J. J. Haynos. 2,057,190; Oct. 13.
- Massage implement. E. T. Widmann. 2,044,112; June 16.
- Massage machine. O. C. Prien. 2,052,656; Sept. 1.
- Massaging and bathing apparatus. E. Kahnt. 2,026,981; Jan. 7.
- Massaging device. F. D. Forsyth and D. A. Nevin. 2,028,865; Jan. 28.
- Massaging device. C. A. Matson. 2,038,846; Apr. 28.
- Massaging machine. G. Bergman. 2,036,677; Apr. 7.
- Masses, Artificial. E. Kuehn and H. Hopff. 2,061,946; Nov. 24.
- Masseuite, Treating. G. E. Stevens. 2,055,778; Sept. 29.
- Mast construction, Convertible. P. F. Leon. 2,065,715; Dec. 29.
- Mastic floor topping. H. K. Linzell. 2,031,171; Feb. 18.
- Mastic structures, Hardening the surface of. E. W. Scripture, Jr. 2,062,615; Dec. 1.
- Mat: See—  
Revetment mat. Traction mat.
- Mat. J. A. Beard, Jr. 2,054,668; Sept. 15.
- Mat. A. T. Ecklund. 2,048,438; July 21.
- Mat. J. A. Richey. 2,057,162; Oct. 13.
- Mat. L. F. Schuhmacher. 2,048,474; July 21.
- Mat, Artificial grass. J. Birek. 2,061,750; Nov. 24.
- Mat, Brush. C. C. Tiedemann. 2,056,058; Sept. 29.
- Mat, Door. C. C. Tiedemann. 2,031,867; Feb. 25.
- Mat, Floor. C. A. Olson. 2,062,272; Nov. 24.
- Mat, Imitation grass. G. J. Kaderbeck. 2,040,611; May 12.
- Mat, Rest. H. Leve. 2,045,784; June 30.
- Mat, Stair tread. E. W. Weiland. 2,064,134; Dec. 15.
- Mat, Step. E. R. Smith. 2,044,407; June 16.
- Mats, Producing insulating. W. Gerb. 2,045,384; June 23.
- Matting, Making resilient. H. T. Kraft. 2,041,356; May 19.
- Match. H. Brodsky. 2,056,768; Oct. 6.
- Match and tee package. A. L. Lindermann. 2,049,124; July 28.
- Match box. P. S. Bixler. 2,065,961; Dec. 29.
- Match box. G. E. Knauth. 2,030,797; Feb. 11.
- Material breaking apparatus. W. Noble. 2,058,097; Oct. 20.
- Match dispenser and lighter, Tape. A. E. H. Barili and G. R. Tremolada. 2,034,079; Mar. 17.
- Matchmaking machine. P. W. Dietmann. 2,043,156; June 2.
- Match manufacturing. M. G. Pelipetz. 2,030,892; Feb. 18.
- Match package. A. B. Linker. 2,032,661; Mar. 3.
- Match package. S. Milone. 2,032,948; Mar. 3.
- Match packet. R. V. A. Ferguson. 2,033,332; Mar. 10.
- Match packet. H. H. Gray. 2,055,721; Sept. 29.
- Match packet and making the same. J. R. Nolan. 2,039,491; May 5.
- Match-striking composition. R. S. Pullen. 2,062,191; Nov. 24.
- Matches, Manufacture of profiled. F. Kappeler. 2,047,636; July 14.
- Material, Adhesively coated sheet. W. W. McLaurin. 2,031,275; Feb. 18.
- Material and elastic shoe embodying the same, Elastic multiply. E. F. Roberts. 2,059,747; Nov. 3.
- Material and making the same, Moistureproof. W. H. Charch and A. Hershberger. 2,042,589; June 2.
- Material and manufacturing the same, Decorative sheet. J. J. Jackson. 2,028,782; Jan. 28.
- Material and tool therefor, Cutting plastic. J. D. Blackall. 2,044,932; June 23.
- Material, Apparatus for breaking down. E. W. Seckendorff. 2,039,264; Apr. 28.
- Material, Apparatus for controlling the flow of. H. E. McCrery. 2,040,703; May 12.
- Material, Apparatus for distributing road-binding. J. C. Woodcock. 2,044,039; June 16.
- Material, Apparatus for drying and heat treating. F. Wernersson. 2,040,227; May 12.
- Material, Apparatus for molding. E. D. Boyle. 2,047,356; July 14.
- Material, Apparatus for processing. C. W. Vogt and W. E. Snyder. 2,063,065; Dec. 8.



- Material, Apparatus for treating sheet. G. C. Borden, Jr. 2,056,939; Oct. 13.
- Material, Apparatus for vibrating investing. S. L. Jeffries. 2,065,977; Dec. 29.
- Material, Apparatus for separating and cleaning. A. S. Mackenzie. 2,053,038; Sept. 1.
- Material, Apparatus for shifting loose. E. Zaremba. 2,047,659; July 14.
- Material, Apparatus for the continuous extraction of. H. Heitmann. 2,043,409; June 9.
- Material, Apparatus for treating. K. T. Pottboff. 2,037,264; Apr. 14.
- Material, Apparatus for testing extensible. H. Willshaw and G. C. Brentnall. 2,038,880; Apr. 28.
- Material by adhesion to moistened nuclear fragments, Process of and apparatus for granulating fine. H. Wendeborn. 2,052,329; Aug. 25.
- Material, Charting and cutting. T. D. Howe, Jr. 2,055,234; Sept. 22.
- Material, Chemically-resistant. M. K. Billson. 2,063,835; Dec. 8.
- Material, Coated base. R. T. Johnston. 2,060,083; Nov. 10.
- Material, Coated wood. R. T. Johnston. 2,060,084; Nov. 10.
- Material, Coating ferrous strip. A. J. Marino. 2,043,549; June 9.
- Material container. E. E. Robinson. 2,041,488; May 19.
- Material, Conveying pulverulent. M. Vogel-Jorgensen. 2,032,337; Feb. 25.
- Material, Device for conveying finely divided. A. Andreas. 2,029,403; Feb. 4.
- Material, Device for measuring stiffness of sheet. L. Vaughan, Jr. 2,044,411; June 16.
- Material dislodging device. M. P. Holmes. 2,061,574; Nov. 24.
- Material dispensing device, Fluent. M. W. Fitzkee. 2,028,655; Jan. 21.
- Material exuding from trees, Method of and apparatus for collecting. A. H. Holman. 2,043,173; June 2.
- Material feeder. J. J. Hartwell. 2,045,709; June 30.
- Material feeding and measuring apparatus. E. E. Harper. 2,041,604; May 19.
- Material feeding device, Dry. W. M. Hurst and W. R. Humphries. 2,028,719; Jan. 21.
- Material for absorbing sound, Making a. M. H. Kliefoth. 2,039,008; Apr. 28.
- Material for and method of covering objects. H. Von Forster. 2,047,655; July 14.
- Material for arc welding. W. E. Stine. 2,065,157; Dec. 22.
- Material for leather substitute and other purposes. A. J. Hanley. 2,029,172; Jan. 28.
- Material for making closure liners. F. M. Damitz. 2,060,928; Nov. 17.
- Material for treatment or other purposes, Method and apparatus for spreading divided. A. Weisselberg. 2,050,477; Aug. 11.
- Material for use as leather substitute and making same. A. J. Hanley and R. B. Respass. 2,033,099; Mar. 3.
- Material for use as leather substitute and process of manufacture. A. J. Hanley. 2,065,892; Dec. 29.
- Material for use in oil refining and making it. R. W. Miller. 2,052,239; Aug. 25.
- Material from wood sheets, Preparation of leatherlike flexible and pliable. R. O. Herzog and A. Burgeni. 2,030,819; Feb. 11.
- Material fusing and projecting apparatus. A. D. Snyder and A. F. Maier. 2,040,030; May 5.
- Material handling machine. J. Cogito and W. Ungrassia. 2,042,388; May 26.
- Material handling mechanism. E. V. Francis. 2,035,873; Mar. 31.
- Material handling mechanism. C. S. Henderson. 2,053,147; Sept. 1.
- Material handling mechanism. D. Knies. 2,058,804; Oct. 27.
- Material handling mechanism. N. D. Levin. 2,047,589; July 14.
- Material handling mechanism. A. L. Smith. 2,035,926; Mar. 31.
- Material handling mechanism. A. L. Smith. 2,035,927; Mar. 31.
- Material handling mechanism. O. R. Strawn. 2,029,512; Feb. 4.
- Material, Impregnated fibrous. P. K. Frolich and P. J. Wievevich. 2,061,570; Nov. 24.
- Material in containers, Device for depositing measured quantities of. D. M. Hume. 2,048,124; July 21.
- Material in finely divided form, Method of and apparatus for providing. N. H. Andrews. 2,032,827; Mar. 3.
- Material in loose form, Method of and apparatus for treating fibrous, granular or other. E. H. Hansen. 2,044,744; June 16.
- Material in stages, Apparatus for lixiviating. E. Böhm. 2,047,852; July 14.
- Material into a solid pack, Compressing compressible. W. R. Barber. 2,028,431; Jan. 21.
- Material into its components, Method of and apparatus for separating composite. J. H. Dickerson. 2,033,690; Mar. 10.
- Material into sections of predetermined length, Apparatus for use in cutting sheet. E. F. Mactaggart and O. Margetson. 2,051,453; Aug. 18.
- Material, Laminated. G. T. Balfe. 2,055,471; Sept. 29.
- Material loading mechanism. J. A. Schinck. 2,063,403; Dec. 8.
- Material, Marked. W. L. Morgan. 2,034,308; Mar. 17.
- Material, Method and apparatus for processing. C. W. Vogt. 2,063,066; Dec. 8.
- Material, Method and apparatus for weighing and packaging. E. A. Marsh and A. M. Schlaegel. 2,051,565; Aug. 18.
- Material, Method of and apparatus for producing fibrous or filamentary. C. L. Norton. 2,048,651; July 21.
- Material mixer. J. A. Erickson. 2,059,857; Nov. 3.
- Material moving apparatus. C. D. Henry. 2,055,291; Sept. 22.
- Material, Process of welding. P. D. Field. 2,043,952; June 9.
- Material, Producing decorative sheet. J. J. Jackson. 2,028,781; Jan. 28.
- Material, Producing finely divided. H. S. Booth. 2,047,354; July 14.
- Material, Producing foraminous coated. F. J. Chandler. 2,055,002; Sept. 22.
- Material, Production of finely divided. E. Stanley. 2,065,762; Dec. 29.
- Material remover. G. A. Lang. 2,055,176; Sept. 22.
- Material, Rolling ferrous sheet. W. Sykes. 2,043,521; June 9.
- Material separation. W. E. Saxe. 2,040,502; May 12.
- Material separator. W. E. Saxe. 2,040,503; May 12.
- Material, Spherulizing fusible pulverizable filler. C. G. Gilbert. 2,044,680; June 16.
- Material testing apparatus, Pendulum-type. G. Wazau. 2,033,964; Mar. 17.
- Material to articles of manufacture, Application of finely divided. M. M. Merritt. 2,028,796; Jan. 28.
- Material to a tool, Applying wear-resistant. J. A. Zublin. 2,058,753; Oct. 27.
- Material to boards and tablets, Securing. V. C. E. Marten-Gwilliam. 2,048,346; July 21.
- Material to road surfaces, Applying protective. H. E. Cummings. 2,056,258; Oct. 6.
- Material, Transporting. L. F. Touhey. 2,046,434; July 7.
- Material, Treated fibrous. E. R. Powell. 2,055,446; Sept. 22.
- Material treating and handling apparatus. J. D. Ferry. 2,042,655; June 2.
- Material treating device. C. G. Dauber. 2,050,423; Aug. 11.
- Material under water, Apparatus for depositing. E. L. Harrington. 2,046,120; June 30.
- Material winding machine. C. C. McCain. 2,040,323; May 12.
- Material working apparatus. E. J. Svenson. 2,030,335; Feb. 11.
- Material working machine. L. M. Manley and R. H. McCarthy. 2,044,481; June 16.
- Material working machine, Combination. Y. A. Bouget and F. M. Malbiot. 2,049,191; July 28.
- Materials, Apparatus for and method of decorating surface covering. F. G. Rottmund. 2,048,871; July 28.
- Materials, Apparatus for drying or cooling. O. S. and R. T. Anderson. 2,043,143; June 2.
- Materials, Apparatus for extracting. W. H. Haas. 2,064,660; Dec. 15.
- Materials, Apparatus for freezing. S. M. Davison. 2,027,372; Jan. 14.
- Materials, Apparatus for handling bulk. F. A. Bean. 2,037,959; Apr. 21.
- Materials, Apparatus for impregnating pervious. L. P. Mellerio and F. Ricks. 2,056,308; Oct. 6.
- Materials, Apparatus for moistureproofing. F. H. Reichel. 2,053,781; Sept. 8.
- Materials, Apparatus for separating mixed. W. L. Remick. 2,033,008; Mar. 3.
- Materials, Apparatus for the measurement and proportioning of. R. W. Walker and W. G. Jamieson. 2,047,500; July 14.
- Materials, Apparatus for the pneumatic separation of. F. Allard. 2,060,966; Nov. 17.
- Materials, Apparatus for the treatment of slurry-like. J. S. Fasting. 2,044,976; June 23.
- Materials, Apparatus for tiering, feeding, and loading. A. T. Fay, Jr. 2,065,674; Dec. 29.
- Materials, Apparatus for treating. R. L. Reading. 2,034,270; Mar. 17.
- Materials, Apparatus for treating. W. L. Wettlaufer. 2,061,179; Nov. 17.
- Materials applied to sheets, Apparatus for drying. M. E. Hanson. 2,065,070; Dec. 22.
- Materials by fluid streams, Apparatus for separating. M. E. Haworth. 2,026,633; Jan. 7.
- Materials capable of undergoing dispersion in water and for obtaining aqueous dispersions therefrom, Treating. L. G. Gabriel, J. F. T. Blott, W. L. Peard, L. W. G. Firmin, L. Meunier, and J. L. van der Minne. 2,027,584; Jan. 14.
- Materials, Classifying. J. M. Nicol. 2,053,802; Sept. 8.
- Materials, Coloration of. G. H. Ellis and H. C. Olpin. 2,048,785; July 28.
- Materials, Coloration of. H. Platt. 2,042,802; June 2.
- Materials, Coloring. F. Zwilmeyer. 2,035,518; Mar. 31.
- Materials comprised in a mixture, Method and apparatus for separating component. T. C. Williams and S. A. Shorter. 2,062,626; Dec. 1.
- Materials, Consolidating moldable. E. T. Meakin. 2,065,141; Dec. 22.



- Materials containing light sensitive diazo compounds, Light sensitive. M. P. Schmidt and R. Franke. 2,037,542; Apr. 14.
- Materials contaminated with ammonium salts, Purification of. G. S. Simpson. 2,030,273; Feb. 11.
- Materials, Device for measuring. A. W. Gray. 2,046,068; June 30.
- Materials, Device for unloading. R. M. Darden. 2,052,169; Aug. 25.
- Materials, Distillation of easily decomposable. W. K. Lewis. 2,028,340; Jan. 21.
- Materials electrostatically, Treating. T. J. Headlee. 2,027,976; Jan. 14.
- Materials for rendering them impermeable and fireproof, Treatment of various. Y. A. R. Leroy. 2,052,886; Sept. 1.
- Materials for size, Apparatus for analyzing finely divided. H. E. T. Haultain. 2,034,185; Mar. 17.
- Materials for stuffing purposes, Fibrous filling. L. Kollek. 2,054,131; Sept. 15.
- Materials for the destruction of insect life therein, Method of and apparatus for treating. J. H. Davis. 2,064,522; Dec. 15.
- Materials, Heat insulating and fireproof. R. Van Rolleghem. 2,046,494; July 7.
- Materials, Heating. R. C. Datin. 2,034,693; Mar. 24.
- Materials, Impregnation of. W. Breuers, H. Mark, and E. Konrad. 2,031,929; Feb. 25.
- Materials, Improving the wetting out properties of. C. Chapman. 2,062,504; Dec. 1.
- Materials in the form of long webs or sheets, Conveying. J. H. Rooney and R. J. Ward. 2,027,451; Jan. 14.
- Materials made with or containing cellulose derivatives, Coloring of. G. H. Ellis, H. C. Olpin, and E. W. Kirk. 2,049,432; Aug. 4.
- Materials, Making molded cementitious. B. F. and P. B. Brice. 2,044,204; June 16.
- Materials, Manufacture and treatment. H. Dreyfus. 2,062,405; Dec. 1.
- Materials, Manufacture and treatment of. H. Dreyfus. 2,031,594; Feb. 25.
- Materials, Manufacture of artificial. H. Dreyfus. 2,039,303; May 5.
- Materials, Manufacture of artificial. H. Dreyfus and W. I. Taylor. 2,052,609; Sept. 1.
- Materials, Manufacture of artificial. W. Whitehead. 2,032,606; Mar. 3.
- Materials, Manufacture of textile. F. C. Hale and G. C. Tyce. 2,030,252; Feb. 11.
- Materials, Metallic filling. W. Wyss. 2,048,044; July 21.
- Materials, Method and apparatus for drying liquid containing. D. D. Peebles. 2,054,441; Sept. 15.
- Materials, Method and apparatus for drying solid subdivided. W. V. Coles and G. W. Riley. 2,063,792; Dec. 8.
- Materials, Method and apparatus for dunnaging. G. H. Pride. 2,032,591; Mar. 3.
- Materials, Method and apparatus for handling. G. H. Pride. 2,036,359; Apr. 7.
- Materials, Method and apparatus for preparing artificial. J. M. Alibert. 2,054,786; Sept. 22.
- Materials, Method of and apparatus for measuring the evenness of. J. L. Reinartz and C. J. Huber. 2,037,044; Apr. 14.
- Materials, Method of and apparatus for stirring. W. W. Kagi. 2,038,221; Apr. 21.
- Materials, Moistureproofing. F. H. Reichel. 2,053,782; Sept. 8.
- Materials, Process and apparatus for contacting two. R. E. Wilson. 2,029,688; Feb. 4.
- Materials, Process and apparatus for storage and recovery of soluble. W. Rowland. 2,043,710; June 9.
- Materials, Process and apparatus for the manufacture of artificial. W. I. Taylor. 2,058,527; Oct. 27.
- Materials, Process and mechanism for separating intermixed divided. K. Davis. 2,038,100; Apr. 21.
- Materials, Process of and apparatus for treating. W. A. Darrah. 2,045,343; June 23.
- Materials, Producing moistureproof and airtight. W. J. H. Hinrichs. 2,040,608; May 12.
- Materials, Production and treatment of artificial. H. Dreyfus. 2,052,558; Sept. 1.
- Materials, Production of artificial. H. Dreyfus. 2,039,301; May 5.
- Materials, Production of artificial. E. Kinsella and R. H. J. Riley. 2,030,212; Feb. 11.
- Materials, Production of artificial. E. Kuehn and H. Hopff. 2,044,730; June 16.
- Materials, Production of artificial. W. I. Taylor. 2,030,189; Feb. 11.
- Materials, Production of artificial. W. I. Taylor. 2,041,798; May 26.
- Materials, Production of artificial textile. W. I. Taylor. 2,044,135; June 16.
- Materials, Production of resin like. W. A. Noyes and G. F. Hoffmann. 2,028,914; Jan. 28.
- Materials, Production of sheet. H. Dreyfus. 2,034,716; Mar. 24.
- Materials, Production of textile. W. A. Dickie and W. I. Taylor. 2,051,829; Aug. 25.
- Materials, Production or treatment of artificial. H. Dreyfus. 2,042,702; June 2.
- Materials, Separating mixed. W. L. Remick. 2,052,004; Aug. 25.
- Materials, Sorting. F. A. Slater. 2,061,812; Nov. 24.
- Materials, Spraying. R. M. Stephenson. 2,036,837; Apr. 7.
- Materials such as pitch, acid sludge and the like, Working up low valued. A. Reis. 2,041,957; May 26.
- Materials, Testing. R. H. Canfield. 2,030,855; Feb. 18.
- Materials, Treatment of fibers or like. H. Dreyfus. 2,061,565; Nov. 24.
- Materials, Treatment of fibrous. A. J. A. Asplund. 2,047,170; July 14.
- Materials, Uniting. J. E. Snyder. 2,060,906; Nov. 17.
- Mathematical instrument. B. C. Jacob. 2,033,715; Mar. 10.
- Matrices, Making. R. H. Turner. 2,043,955; June 9.
- Matrix and coating composition therefor. R. Szymanowicz. 2,047,087; July 14.
- Matrix and manufacturing same. A. H. Hedly. 2,028,978; Jan. 28.
- Matrix handling device. J. M. Florez. 2,052,090; Aug. 25.
- Matrix, Printing plate. T. C. Browne. 2,041,743; May 26.
- Matrix, Printing-plate. W. Matuschke and E. Blasing. 2,041,941; May 26.
- Matrix scorchers. H. A. W. Wood. 2,042,918; June 2.
- Matte surface and producing the same. S. E. Sheppard and J. H. Hudson. 2,043,906; June 9.
- Matter in manufactured material, Dispersing. W. W. Carter. 2,027,090; Jan. 7.
- Mattress. O. M. Burton. 2,060,172; Nov. 10.
- Mattress assembling table. A. J. Flynn. 2,039,158; Apr. 28.
- Mattress cover. L. Cohen, Jr. 2,066,252; Dec. 29.
- Mattress, cushion, and the like. C. Lofman. 2,047,695; July 14.
- Mattress for invalids, Sectional. F. E. Mason. 2,046,645; July 7.
- Mattress, Inflated. R. Bergeron. 2,039,289; May 5.
- Mattress, Inner spring. E. D. Leeman. 2,029,076; Jan. 28.
- Mattress, Inner spring. B. R. Noel. 2,059,478; Nov. 3.
- Mattress making mechanism. T. B. O'Brien. 2,063,521; Dec. 8.
- Mattress side and making the same. H. Rosenberg. 2,048,951; July 28.
- Mattress, Spring. F. E. Maddux. 2,033,841; Mar. 10.
- Mattress-tufting machine. W. B. Mathewson. 2,048,348; July 21.
- Mattresses, Method and apparatus for the manufacture of. T. B. O'Brien. 2,063,520; Dec. 8.
- Mattresses or like bulky articles, Device for handling and airing. De Q. Vining. 2,050,906; Aug. 11.
- Maximum demand meter. R. O. Hamill. 2,063,735; Dec. 8.
- Maximum demand meter. F. G. Holtz. 2,042,601; June 2.
- Measure meter. C. A. Mathey and P. F. Lewis. 2,060,233; Nov. 10.
- Measurements, Mechanism for mechanical. J. T. Brubaker. 2,028,134; Jan. 31.
- Measuring and filling mechanism. L. E. Spear. 2,031,912; Feb. 25.
- Measuring and filling machine. F. Klaus. 2,062,181; Nov. 24.
- Measuring and recording apparatus. B. H. Broadbent. 2,032,833; Mar. 3.
- Measuring and weighing machine, Automatic. S. G. Murray. 2,059,174; Oct. 27.
- Measuring apparatus. V. D. Barker. 2,030,956; Feb. 18.
- Measuring apparatus. E. J. Bisel. 2,053,810; Sept. 8.
- Measuring apparatus. W. G. Doherty. 2,028,503; Jan. 21.
- Measuring apparatus. T. R. Harrison. 2,052,764; Sept. 1.
- Measuring apparatus. J. B. Pastore. 2,033,646; Mar. 10.
- Measuring appliance. M. Bäuml. 2,065,960; Dec. 29.
- Measuring device. C. Anderson. 2,063,973; Dec. 15.
- Measuring device. R. J. Beavers and H. R. Laird. 2,054,787; Sept. 22.
- Measuring device. C. L. Bristol and W. C. Chancellor. 2,056,918; Oct. 6.
- Measuring device. H. Dallmann and H. R. Eggers. 2,050,878; Aug. 11.
- Measuring device. A. D. Evans. 2,064,467; Dec. 15.
- Measuring device. M. B. De Jarnette. 2,052,452; Aug. 25.
- Measuring device. P. A. Janssens. 2,026,681; Jan. 7.
- Measuring device. P. A. Janssens. 2,063,605; Dec. 8.
- Measuring device. E. E. Johnson. 2,057,576; Oct. 13.
- Measuring device. H. A. Johnston. 2,028,871; Jan. 28.
- Measuring device. P. G. Schreuders. 2,056,869; Oct. 6.
- Measuring device. J. E. A. Trub. 2,037,441; Apr. 14.
- Measuring device, Coilable. M. A. Coe. 2,038,099; Apr. 21.
- Measuring device, Coilable. H. A. Farrand. 2,063,422-3; Dec. 8.
- Measuring device, Coilable. J. Ottolini. 2,063,459; Dec. 8.
- Measuring device, Coilable. A. L. Stowell. 2,052,259; Aug. 25.
- Measuring device, Electrical. W. J. Bullard. 2,060,849; Nov. 17.
- Measuring device for containers. H. Stargardt. 2,060,386; Nov. 10.
- Measuring device for textile machines. G. S. Weinert. 2,035,006; Mar. 24.
- Measuring dispenser. A. C. Broun. 2,037,694; Apr. 21.
- Measuring dispenser. G. C. Conn. 2,061,061; Nov. 17.
- Measuring instrument. R. Baribeau. 2,048,989; July 28.



- Measuring instrument. L. Hind. 2,039,997; May 5.  
 Measuring instrument. A. M. Swigert, Jr. 2,051,502; Aug. 18.  
 Measuring instrument, Electrical. E. A. Massa, Jr. 2,059,594; Nov. 3.  
 Measuring instrument, Electrical. W. D. Sanger. 2,043,495; June 9.  
 Measuring instrument for use of tailors. L. Branchini. 2,038,711; Apr. 28.  
 Measuring instrument, Symmetrical component. T. A. Rich. 2,038,383; Apr. 21.  
 Measuring instruments, Apparatus for balancing. J. F. Schock. 2,045,677; June 30.  
 Measuring, Physiological. E. I. McKesson. 2,040,095; May 12.  
 Measuring system. E. D. Doyle and P. H. Dike. 2,065,365; Dec. 22.  
 Measuring system. M. E. Leeds. 2,031,050; Feb. 18.  
 Measuring the axial force in a line of shafting, Apparatus for. W. J. Guthrie. 2,035,702; Mar. 31.  
 Measuring valve. H. C. Allen. 2,028,816; Jan. 28.  
 Measuring valve. S. S. Roberts. 2,041,023; May 19.  
 Meat and the like, Curing. E. L. Griffith. 2,054,626; Sept. 15.  
 Meat, Apparatus for the treatment of. C. T. Walter. 2,057,460; Oct. 13.  
 Meat block cleaning machine. A. C. De Lange. 2,038,648; Apr. 28.  
 Meat curing composition. H. E. Allen. 2,054,646; Sept. 15.  
 Meat curing mass and manufacture thereof. E. L. Griffith. 2,054,623; Sept. 15.  
 Meat cut and method of preparing it, Packaged. A. G. Hewitt. 2,048,447; July 21.  
 Meat cutting machine. J. F. McKeage. 2,059,595; Nov. 3.  
 Meat holder. J. E. Gloekler. 2,031,307; Feb. 18.  
 Meat holder and slicer. W. J. Caldwell. 2,033,815; Mar. 10.  
 Meat holding device. T. L. Dailey. 2,048,999; July 28.  
 Meat packing. H. and C. Fredberg. 2,044,841; June 23.  
 Meat, Preparing fresh. W. J. Dubil. 2,052,221; Aug. 25.  
 Meat proteins, Treating. E. R. Darling. 2,057,479; Oct. 13.  
 Meat smoking device. M. Farber. 2,059,938; Nov. 3.  
 Meat tenderer. J. C. Hintz. 2,061,799; Nov. 24.  
 Meat, Tendering. L. S. Paddock and C. A. Rinehart. 2,043,392; June 9.  
 Meat tendering machine. E. S. Ferry. 2,051,207; Aug. 18.  
 Meat, Treatment of frozen. H. H. McKee and W. McDonald. 2,060,423; Nov. 10.  
 Meats and the like, Forming. C. T. Walter. 2,052,734; Sept. 1.  
 Meats, cheese, etc., Apparatus for slicing. E. J. Neary. 2,033,293; Mar. 10.  
 Meats, Marking. H. H. McKee. 2,040,148; May 12.  
 Meats, Processing and molding. S. F. Gleason. 2,037,892; Apr. 21.  
 Mechanical chair. T. N. Tracy. 2,053,852; Sept. 8.  
 Mechanical clutch. H. B. Scott. 2,060,249; Nov. 10.  
 Mechanical control. A. G. McNicoll. 2,045,041; June 23.  
 Mechanical coupling. F. H. Rickerson. 2,062,108; Nov. 24.  
 Mechanical forces and momenta, Device for measuring. W. Janovsky. 2,053,560; Sept. 8.  
 Mechanical mixer. M. P. Heinze. 2,034,902; Mar. 24.  
 Mechanical movement. M. A. Brewer. 2,047,458; July 14.  
 Mechanical movement. E. E. Foster. 2,027,275; Jan. 7.  
 Mechanical movement. G. A. Gillen. 2,040,934; May 19.  
 Mechanical movement. R. K. Morris. 2,042,116; May 26.  
 Mechanical operations on moving work, Method of and apparatus for performing. G. O. Frostad. 2,026,780; Jan. 7.  
 Mechanical recording. C. J. Dippel. 2,032,741; Mar. 3.  
 Mechanism. E. A. Massa, Jr. 2,061,322; Nov. 17.  
 Mechanism and construction for reciprocating machinery. J. Mann. 2,045,552; June 23.  
 Mechanism for carrying or releasing loads from aircraft. A. A. B. Thomson. 2,065,990; Dec. 29.  
 Mechanism for conditioning paper. C. A. Meisel. 2,053,223; Sept. 1.  
 Mechanism for controlling loom stop motions. J. P. Costello. 2,049,356; July 28.  
 Mechanism for delivering material. E. B. Story and W. T. Case. 2,040,157; May 12.  
 Mechanism for effecting normal and reverse plating. J. and R. H. Lawson. 2,052,776; Sept. 1.  
 Mechanism for emptying containers. J. E. Trough. 2,031,869; Feb. 25.  
 Mechanism for intermittently operating a member or element. G. A. Williamson, P. Holmes, and J. Blackwood. 2,044,928; June 23.  
 Mechanism for partially folding container closures. H. T. Scott. 2,056,330; Oct. 6.  
 Mechanism for selecting and operating any desired one of a plurality of rods or the like. C. H. Humphreys. 2,041,608; May 19.  
 Mechanism for selecting pages and turning leaves of a book. M. Rosenthal, R. D. Delamere, and H. M. Rutter. 2,045,804; June 30.  
 Mechanism for separating the books of an interconnected book-pad. O. Kleinschmit and O. Muller. 2,027,105; Jan. 7.  
 Mechanism for the control of feed to cotton extractors. C. E. Hagler. 2,060,305; Nov. 10.  
 Mechanism for the tripping or release of movable organs. L. Birkigt. 2,040,197; May 12.  
 Mechanism for transmitting power. T. Ongaro. 2,063,117; Dec. 8.  
 Mechanism for use in applying pressure to shoe bottoms. W. D. Thomas. 2,064,959; Dec. 22.  
 Mechanism for warning signals, Actuated. A. F. Gillet. 2,066,001; Dec. 29.  
 Mechanism operated by fluid pressure. J. De Koning. 2,050,087; Aug. 4.  
 Mechanism testing device. A. L. Bennett. 2,042,761; June 2.  
 Media, Alkaline wetting and penetrating. F. B. Downing and R. G. Clarkson. 2,033,819; Mar. 10.  
 Media for biological oxidation, Preformed. M. Levine, W. E. Galligan, and R. H. Luebbbers. 2,051,727; Aug. 18.  
 Medical device. R. W. Munro. 2,049,270; July 28.  
 Medicament. D. H. Wiggins. 2,038,694; Apr. 28.  
 Medicament applicator. H. H. Perraton. 2,052,314; Aug. 25.  
 Medicament for the treatment of burns. R. J. Fosbinder. 2,056,779; Oct. 6.  
 Medicaments coated with a water-insoluble polymerization product and preparing them. M. Hagedorn, M. Bockmühl, and G. Gorr. 2,066,105; Dec. 29.  
 Medicinal azo compounds. R. R. Renshaw, E. T. Tisza, and B. F. Duesel. 2,030,896; Feb. 18.  
 Medicinal monoazo compounds. R. R. Renshaw, E. T. Tisza, and B. F. Duesel. 2,030,897; Feb. 18.  
 Medicine glass cover. E. Johnson. 2,031,892; Feb. 25.  
 Medicine glass rack, Individual. E. C. Hasenour. 2,048,695; July 28.  
 Medium in a continuous operation to a reaction, Method of and an apparatus for subjecting a flowing. W. Pohl. 2,028,684; Jan. 21.  
 Melting and holding furnace. J. G. G. Frost. 2,040,787-8; May 12.  
 Membrane, Making metallic-coated. R. S. Moore. 2,041,297; May 19.  
 Mensometer. F. E. Bardrof. 2,046,239; June 30.  
 Menstrual phase recorder and indicator. C. W. Anderson. 2,049,038; July 28.  
 Mercaptan conversion. P. K. Frolich. 2,035,121; Mar. 24.  
 Mercaptan conversion. P. K. Frolich and P. J. Wiezevich. 2,045,766; June 30.  
 Mercaptans, Preparation of. E. Elbel and A. Kirstahler. 2,031,529; Feb. 18.  
 Mercaptans, Production of. C. C. Allen. 2,051,806; Aug. 25.  
 Mercaptobenzothiazyl-aryldisulphides. M. Bögemann. 2,026,863; Jan. 7.  
 Mercapto thiazole compounds, Making. A. Cambron. 2,037,878; Apr. 21.  
 Mercerizing. K. Brodersen. 2,064,883; Dec. 22.  
 Mercerizing. D. H. Powers and L. H. Bock. 2,040,065; May 5.  
 Merchandise container. E. W. King. 2,031,893; Feb. 25.  
 Merchandise display and ordering device. C. H. Thorsten-sen. 2,044,518; June 16.  
 Merchandise, Loading and transportation of. A. F. Pagel. 2,058,716; Oct. 27.  
 Merchandise ticket auditing machine. M. Klein. 2,048,074; July 21.  
 Merchandising display and sales package. H. W. Kulp. 2,057,781; Oct. 20.  
 Merchandising display rack. G. W. Fay. 2,061,937; Nov. 24.  
 Mercury alcoholates of hydroxy fatty compounds, Aromatic. C. N. Andersen. 2,056,945; Oct. 13.  
 Mercury, Apparatus for purifying. W. V. Stearns. 2,032,601; Mar. 3.  
 Mercury arc rectifier. F. P. Whitaker. 2,046,983; July 7.  
 Mercury collector resistance welding. J. S. Newton. 2,044,180; June 16.  
 Mercury compounds of benzotrifluoride. E. H. Volwiler and E. B. Vliet. 2,050,075; Aug. 4.  
 Mercury compounds, Preparation of oil-soluble. A. L. Flenner. 2,049,294; July 28.  
 Mercury polynuclear-carboxylates, Aromatic-hydrocarbon. C. N. Andersen. 2,056,161; Oct. 6.  
 Mercury, Purifying. W. V. Stearns. 2,032,602; Mar. 3.  
 Mercury salts of oxyacids of chromium, Aryl. C. N. Andersen. 2,059,196; Nov. 3.  
 Mercury sulphate, Manufacture of. R. J. Baird. 2,027,364; Jan. 14.  
 Mercury switch. C. E. Gehrand and C. H. Larson. 2,060,812; Nov. 17.  
 Mercury switch. C. Hatay. 2,030,449; Feb. 11.  
 Mercury switch. C. H. Larson. 2,060,810; Nov. 17.  
 Mercury switch, Centrifugal electrical. G. S. Moore. 2,029,632; Feb. 4.  
 Mercury switch relay. C. H. Larson. 2,046,273; June 30.  
 Mercury switch relay. C. H. Larson. 2,064,478; Dec. 15.  
 Mercury switch relay. C. H. Larson and D. J. McCarthy. 2,046,272; June 30.  
 Mercury switch, Time delay. C. S. Niles. 2,038,669; Apr. 28.  
 Mercury tube switch. C. H. Larson. 2,060,813; Nov. 17.



- Mercury vapor rectifier. G. L. Usselman. 2,037,837; Apr. 21.
- Message recording machine. A. D. Eitzen. 2,062,289; Dec. 1.
- Meta cresol from meta cresol-para cresol mixture, Separation of. T. S. Carswell. 2,042,331; May 26.
- Metal alloy, Bearing. R. T. D. Williams and A. S. Gill. 2,055,740; Sept. 29.
- Metal and apparatus therefor, Treating. W. A. Darrah. 2,049,250; July 28.
- Metal and glass, Apparatus for making articles of. F. J. Malloy. 2,063,109; Dec. 8.
- Metal and making the same, Coated sheet. R. J. Wean. 2,036,615; Apr. 7.
- Metal and material therefor, Cleaning. J. E. Ruch. 2,059,915; Nov. 3.
- Metal and metal foil, Device for measuring the thickness of sheet. W. Karajan and U. Khuner. 2,057,835; Oct. 20.
- Metal and method of making said sheet metal, Enameled sheet. R. Porter and R. B. Saylor. 2,065,392; Dec. 22.
- Metal and producing the same. C. F. Sherwood. 2,065,618; Dec. 29.
- Metal and wood surfacing tool. N. A. Easters. 2,043,509; June 9.
- Metal, Apparatus for extruding. J. J. Schwerak. 2,031,008; Feb. 18.
- Metal, Apparatus for removing. J. L. Anderson. 2,030,842; Feb. 18.
- Metal, Apparatus for the extrusion of. P. Dunsheath. 2,051,688; Aug. 18.
- Metal, Apparatus for treating. A. R. Stargardter. 2,059,976; Nov. 3.
- Metal, Apparatus for working. A. W. Woodward. 2,043,915; June 9.
- Metal article and making same, Fabricated. J. W. Hughes. 2,048,187; July 21.
- Metal article, Composite. W. Brown. 2,033,814; Mar. 10.
- Metal article of manufacture, Composite. G. R. Rich. 2,037,340; Apr. 14.
- Metal article of precise dimensions and the article produced thereby, Making a. H. A. DeFries. 2,033,927; Mar. 17.
- Metal articles and the like, Apparatus for cleaning and degreasing. G. Wolff. 2,057,177; Oct. 13.
- Metal articles, Apparatus for forging and shaping. F. J. Lehman. 2,058,699; Oct. 27.
- Metal articles, Apparatus for making tubular. J. H. Blair. 2,058,556; Oct. 27.
- Metal articles for coating. J. J. Canfield and G. W. McGohan. 2,032,256; Feb. 25.
- Metal articles for defects, Method and apparatus for testing. H. C. Knerr and C. Farrow. 2,065,379; Dec. 22.
- Metal articles, Making rolled hollow. C. G. Steele and W. H. Stevens. 2,060,779; Nov. 10.
- Metal articles, Method and apparatus for making cast. W. J. Wesseler. 2,057,074; Oct. 13.
- Metal articles, Method and apparatus for threading hollow. H. A. Unke. 2,054,182; Sept. 15.
- Metal articles, Method of and apparatus for forging and shaping. F. J. Lehman. 2,058,698; Oct. 27.
- Metal articles, more particularly bolt heads or the like, by upsetting, Forming. J. Kuhne. 2,041,939; May 26.
- Metal articles, Reconditioning. L. S. Wilbur. 2,061,264; Nov. 17.
- Metal articles, Straightening and testing long. F. B. Bayless. 2,049,830; Aug. 4.
- Metal articles such as bottle sealing caps, Severable sheet. E. H. Fabrice. 2,056,778; Oct. 6.
- Metal base. C. G. Wollaege. 2,048,153; July 21.
- Metal blowing process. A. J. Middler. 2,038,304; Apr. 21.
- Metal body and making it, Porous. E. L. Schellens. 2,042,635; June 2.
- Metal body, Wear resistant. H. W. Mowery. 2,049,778; Aug. 4.
- Metal bodies consisting of a core and a shell, Making. K. M. van Gessel and W. D. van Wijk. 2,050,820; Aug. 11.
- Metal by electrode dispersion, Apparatus for depositing. H. W. Whiston, G. A. B. McIvor, and F. W. N. Thein. 2,043,966; June 9.
- Metal, Casting light. J. E. Hoy and L. Brown. 2,045,913; June 30.
- Metal casting, Process for. P. C. Lemmerman. 2,031,538; Feb. 18.
- Metal cleaning composition and method. F. Amthor and G. C. Reinhard. 2,036,848; Apr. 7.
- Metal, Coated. L. P. Curtin and J. M. Payne. 2,046,061; June 30.
- Metal, Coating. E. C. Domm. 2,038,548-9; Apr. 28.
- Metal, Coating. C. H. Fessler and G. J. Puchta. 2,032,744; Mar. 3.
- Metal, Coating. J. E. Stareck. 2,059,053; Oct. 27.
- Metal coating mechanism. R. B. Smith. 2,054,549; Sept. 15.
- Metal, Cold rolling coated sheet. L. W. Beale and J. E. Murphy. 2,059,304; Nov. 3.
- Metal compounds, Method and apparatus for recovering vaporized. A. L. J. Queneau. 2,064,495; Dec. 15.
- Metal compounds of disazo-dyestuffs, Complex. F. Straub and H. Mayer. 2,042,810; June 2.
- Metal container. G. Baker. 2,052,595; Sept. 1.
- Metal container. J. Dahl. 2,063,538; Dec. 8.
- Metal container. E. W. Freeman. 2,044,677; June 16.
- Metal container. W. W. Hodgson. 2,052,629; Sept. 1.
- Metal container. W. W. Hodgson. 2,063,550; Dec. 8.
- Metal container. W. F. Punte. 2,063,557; Dec. 8.
- Metal container. C. C. Soper. 2,065,479; Dec. 22.
- Metal container. R. L. Wakelee. 2,052,680-2; Sept. 1.
- Metal container, Strip seal. W. F. Punte. 2,037,920; Apr. 21.
- Metal construction, Making sheet. S. J. Block. 2,062,287; Dec. 1.
- Metal cutting machine. M. H. Arms and J. B. Johnson. 2,058,940; Oct. 27.
- Metal cutting tool. M. Challier. 2,053,392; Sept. 8.
- Metal detecting device. H. L. Berry. 2,048,591; July 21.
- Metal, Electrodeposition of. O. C. Ralston and W. J. Uren. 2,058,259; Oct. 20.
- Metal, Electroplating. C. A. Harrison. 2,044,431; June 16.
- Metal element and making the same. W. T. Schaurte and A. Thum. 2,060,593; Nov. 10.
- Metal elements of sliding clasp fastener strips, Production of the. W. Gerlach. 2,047,368; July 14.
- Metal, Embossing sheet. L. V. Whistler. 2,066,085; Dec. 29.
- Metal-extruding die. W. M. Horton. 2,044,986; June 23.
- Metal fastener. H. E. Sipe. 2,028,528; Jan. 21.
- Metal fence post. E. Pavsek. 2,029,739; Feb. 4.
- Metal for shipment, Preparing sheet. H. C. Porter. 2,064,383; Dec. 15.
- Metal gathering machine, Electrical. W. H. Spire. 2,037,604; Apr. 14.
- Metal hanger support, Reversible. G. R. Sturtevant. 2,053,119; Sept. 1.
- Metal, Hardening. W. R. Fisher. 2,040,370; May 12.
- Metal having carbide surface, Plated. C. A. Marlies and G. E. White. 2,048,276; July 21.
- Metal, Heat treating. C. F. Lauenstein. 2,048,748; July 28.
- Metal in a converter, Dephosphorizing treatment of. R. Perrin. 2,050,803; Aug. 11.
- Metal lacing. E. E. Butterfield. 2,026,671; Jan. 7.
- Metal, Loading and shipping sheet. J. F. Warren. 2,028,366; Jan. 21.
- Metal, Making composite. W. C. Johnson. 2,059,584; Nov. 3.
- Metal, Melting and casting high purity. J. O. Betterton. 2,065,207; Dec. 22.
- Metal member to a nonmetallic tubular member, Securing a. H. P. Hinds. 2,059,867; Nov. 3.
- Metal, Method and apparatus for cutting sheet. H. E. Guerin. 2,055,077; Sept. 22.
- Metal, Method and apparatus for descaling. W. N. Rendleman. 2,058,388; Oct. 20.
- Metal, Method and apparatus for expanding sheet. O. E. Gibson. 2,046,621; July 7.
- Metal, Method of and apparatus for making sheet. K. C. Gardner. 2,062,875; Dec. 1.
- Metal, Method of and apparatus for treating sheet. H. W. Nieman. 2,060,400; Nov. 10.
- Metal, Method of rolling. E. Marburg. 2,041,255; May 19.
- Metal mold. A. B. Norton and M. Guyot. 2,029,499; Feb. 4.
- Metal, Nonferrous. H. C. Anstey and W. E. Alkins. 2,060,919-20; Nov. 17.
- Metal or the like, Apparatus for cutting sheet. N. F. F. Andersson. 2,035,448; Mar. 31.
- Metal or the like, Device for polishing. M. Ryan. 2,044,858; June 23.
- Metal-oxygen compounds, Reduction of. R. Gahl. 2,048,112; July 21.
- Metal part, Rounding an end of a. H. G. Blanchard. 2,050,416; Aug. 11.
- Metal parts and insulating materials, Attaching means for. V. R. Despard. 2,037,122; Apr. 14.
- Metal parts, Apparatus for machining. B. P. Schiltz. 2,063,955; Dec. 15.
- Metal parts, Processing of. DeH. G. Scrantom. 2,029,037; Jan. 28.
- Metal perforating machine. A. V. Pickering and F. W. Willis. 2,048,197; July 21.
- Metal, Pickling of. C. H. McCollam, D. L. Warrick, and J. M. Gotshall. 2,050,354-5; Aug. 11.
- Metal pieces, Device for coating. G. W. McGohan. 2,064,173; Dec. 15.
- Metal pipe, Thick walled. W. N. Quartz and W. J. Banen. 2,057,916; Oct. 20.
- Metal pot for matrix composing and line casting machines. C. A. Albrecht. 2,045,681; June 30.
- Metal processing apparatus. H. A. Fosburg. 2,053,279; Sept. 8.
- Metal product and making it. A. W. Morris. 2,051,454; Aug. 18.
- Metal recovery. H. N. Gilbert. 2,029,998; Feb. 4.
- Metal rectifier. T. J. Henry and J. Hirmann. 2,045,648; June 30.
- Metal reducing method. S. J. Everett. 2,050,298; Aug. 11.
- Metal revetment, Flexible. W. H. Evers. 2,056,349; Oct. 6.
- Metal rolling mill. J. L. Adams, Jr. 2,029,751; Feb. 4.
- Metal rounds, Apparatus for and method of sizing, truing, straightening, and polishing. E. Winwood, Jr. 2,064,166; Dec. 22.
- Metal salts of oxyacetic acids. H. A. Bruson. 2,044,968; June 23.



- Metal sections, Method of and apparatus for making folded. M. H. Trytten. 2,050,512; Aug. 11.
- Metal separation. W. E. Beatty. 2,048,316; July 21.
- Metal separation. W. E. Beatty. 2,066,764; Oct. 6.
- Metal shapes by hot hydraulic extrusion, Manufacture of extruded. S. W. Sparks. 2,063,562-3; Dec. 8.
- Metal shipping container. J. M. Hotherhall. 2,036,276; Apr. 7.
- Metal slabs, Method and apparatus for scale breaking and edging hot. L. Iversen. 2,059,460; Nov. 3.
- Metal stock, Apparatus for reducing. J. R. Coe. 2,062,559; Dec. 1.
- Metal stock and apparatus therefor, Preparing. R. L. Templin. 2,029,800; Feb. 4.
- Metal stock, Laminated. F. M. Becket and R. Franks. 2,034,278; Mar. 17.
- Metal stock, Making composite. M. R. Trembour. 2,039,040; Apr. 28.
- Metal stock, Manufacture of. R. F. Gibbs. 2,038,278; Apr. 21.
- Metal structural element and making, Sheet. E. G. Budd and C. L. Eksergian. 2,056,563; Oct. 6.
- Metal structure. A. Nechin. 2,042,797; June 2.
- Metal surfaces, Cleaning. C. Johnson. 2,032,174; Feb. 25.
- Metal surfaces from corrosion, Protecting. F. H. Snyder and S. F. M. Maclaren. 2,052,363; Aug. 25.
- Metal surfaces, Method of and material for coating. R. R. Tanner and H. J. Lodeesen. 2,045,499; June 23.
- Metal surfaces, Upholstering of. H. O. Klee. 2,027,644; Jan. 14.
- Metal testing device. H. D. Roop. 2,055,672; Sept. 29.
- Metal, Treating. C. F. Lauenstein and P. F. Ulmer. 2,046,638; July 7.
- Metal, Treating. A. R. Stargardter. 2,041,029; May 19.
- Metal, Treating. A. R. Stargardter. 2,059,054; Oct. 27.
- Metal, Treating sheet. H. W. Nieman. 2,040,442; May 12.
- Metal, Welding and fusing. R. M. Rooke and F. C. Saacke. 2,043,811; June 9.
- Metal, Welding white. R. H. Ogden. 2,055,360; Sept. 22.
- Metal wheel. G. Walther. 2,027,408; Jan. 14.
- Metal wheel. G. Walther. 2,048,150; July 21.
- Metal wool body and making same. G. W. Brooks. 2,060,010; Nov. 10.
- Metalworking. E. C. Bullard. 2,044,494; June 16.
- Metal working. S. S. Burgey. 2,060,024; Nov. 10.
- Metalworking. C. W. Hazelett. 2,058,448; Oct. 27.
- Metal working apparatus. J. S. Barnes. 2,030,562; Feb. 11.
- Metalworking apparatus. J. S. Barnes and P. R. Guirl. 2,042,379; May 26.
- Metal working apparatus. E. C. Bullard. 2,044,495; June 16.
- Metalworking machine. R. S. Brown and W. B. Retz. 2,054,358; Sept. 15.
- Metalworking machine. M. S. Curtis. 2,036,260; Apr. 7.
- Metalworking machine. G. O. Gridley, D. H. Montgomery, and E. Wheeler. 2,055,434; Sept. 22.
- Metalworking machine. G. O. Gridley, D. H. Montgomery, and E. H. Wheeler. 2,055,435; Sept. 22.
- Metalworking machine. R. Prickett. 2,043,810; June 9.
- Metal working machine. O. Probach. 2,063,339; Dec. 3.
- Metalworking machine. H. W. Ruppel. 2,063,831; Dec. 8.
- Metalworking machine. J. J. Spring. 2,053,748; Sept. 8.
- Metal working machine. G. F. Yager and O. J. Heath. 2,060,158; Nov. 10.
- Metalworking machine, Automatic. H. W. Ruppel. 2,059,710-11; Nov. 3.
- Metal working, Method and machine for. M. L. Strawn and R. L. Rougemont. 2,049,400; July 28.
- Metalworking process. C. W. Hazelett. 2,058,447; Oct. 27.
- Metalworking process. W. E. Sanders. 2,040,957; May 19.
- Metal, Working sheet. W. T. Taylor. 2,059,292; Nov. 3.
- Metallic articles, Electroplating of. J. Kronsbein. 2,047,418; July 14.
- Metallic bases, Tipping. C. Pfanstiehl. 2,032,887; Mar. 3.
- Metallic coating recovering device. M. J. Brizard. 2,031,030; Feb. 18.
- Metallic container. W. C. Mills. 2,044,093; June 16.
- Metallic extrusions of tubular or solid form, Marking of. W. Eckford and W. Carter. 2,058,897; Oct. 6.
- Metallic leaf, Apparatus for applying. L. M. Harwood. 2,049,804; Aug. 4.
- Metallic powders, Producing. J. H. Lucas. 2,053,222; Sept. 1.
- Metallic products, Apparatus for bright annealing. H. J. Fraser and R. J. Owens. 2,057,518; Oct. 13.
- Metallic receptacle and closure therefor. W. Lockhart. 2,049,847; Aug. 4.
- Metallic structure, Method and apparatus for fabricating. A. G. Wagner. 2,040,349; May 12.
- Metallic surfaces, Protection of. H. Sutton and L. F. Le Brocq. 2,064,325; Dec. 15.
- Metallo-albumin-tannin compounds. H. Cohn and C. Siebert. 2,035,145; Mar. 24.
- Metallurgical apparatus. J. O. Betterton and K. A. Lindner. 2,041,810-11; May 26.
- Metallurgical apparatus. D. L. Summey. 2,030,482; Feb. 11.
- Metallurgical apparatus. D. L. Summey. 2,060,135; Nov. 10.
- Metallurgical furnace. P. Barker. 2,051,463; Aug. 18.
- Metallurgical furnace. R. L. Leventry. 2,041,612; May 19.
- Metallurgical furnace. J. D. Pugh. 2,039,738; May 5.
- Metallurgical furnace. A. A. Wickland. 2,034,071; Mar. 17.
- Metals, alloys, and the like, Apparatus for producing carbon-free. H. Gruber and W. Rohn. 2,041,333; May 19.
- Metals and forming same. S. E. McBride. 2,043,387; June 9.
- Metals and metal alloys, Apparatus for separating. K. A. Lindner. 2,041,844; May 26.
- Metals, Apparatus for extruding. C. C. Jacobson. 2,045,655; June 30.
- Metals, Apparatus for making powdered. J. H. L. De Bats. 2,040,168; May 12.
- Metals, Apparatus for making powdered. J. H. L. De Bats. 2,061,696; Nov. 24.
- Metals, Apparatus for refining. D. L. Summey. 2,060,134; Nov. 10.
- Metals, Apparatus for spraying. H. R. Forton. 2,058,971; Oct. 27.
- Metals, Apparatus for sweating out fusible. W. F. Eppenstein. 2,066,257; Dec. 29.
- Metals as volatile chlorides from ores and other matters containing the same, Removing. C. Hart. 2,030,867-8; Feb. 18.
- Metals, Changing the grain structure of. C. J. Holslag. 2,041,343; May 19.
- Metals, Coating. C. Pfanstiehl. 2,053,408; Sept. 8.
- Metals contained in ferruginous sulphide ores or roasts, Sulphating the non-ferrous. C. P. Debuch. 2,026,775; Jan. 7.
- Metals containing nickel, Manufacturing composite. W. A. Mudge. 2,037,733; Apr. 21.
- Metals, Copper-antimony or copper-bismuth coated ferrous. E. C. Domm. 2,039,067; Apr. 28.
- Metals, Effecting the electro-deposition of. G. E. Adey. 2,046,440; July 7.
- Metals, Electrodepositing. C. J. Brockman. 2,048,594; July 21.
- Metals, Electrodeposition of. B. F. Lewis. 2,065,082; Dec. 22.
- Metals, Electrodeposition of. L. Weisberg and W. B. Stoddard, Jr. 2,026,718; Jan. 7.
- Metals electrolytically, Depositing. P. R. Pine. 2,029,386; Feb. 4.
- Metals for defects, Method and apparatus for testing. A. H. Davis, Jr. 2,065,118; Dec. 22.
- Metals from mattes, Recovering precious. E. M. Wise and R. F. Vines. 2,048,152; July 21.
- Metals from ore, Recovery of precious. H. Lackey. 2,049,741; Aug. 4.
- Metals from ores, Extracting. C. Goetz. 2,045,226; June 23.
- Metals, Hardening. S. E. Gertler. 2,032,694; Mar. 3.
- Metals, Heat treating. W. E. Day, Jr. 2,038,208; Apr. 21.
- Metals, Heat treating ferrous. W. N. Mayhew. 2,057,274; Oct. 13.
- Metals, Making hard sintered. G. Boecker. 2,027,763; Jan. 14.
- Metals, Melting and refining. A. B. Kinzel. 2,039,087; Apr. 28.
- Metals, Method and apparatus for cutting. N. E. Wagner. 2,028,425; Jan. 21.
- Metals, Method and apparatus for determining the physical characteristics of. F. N. Fossati. 2,041,058; May 19.
- Metals, Method and apparatus for fusing. J. A. Zublin. 2,031,083; Feb. 18.
- Metals, Method for casting or molding. A. J. Liebmann. 2,055,980; Sept. 29.
- Metals, Method of casting. A. W. Morris. 2,042,409; May 26.
- Metals of the platinum group, Electrodeposition of. A. R. Powell and E. C. Davies. 2,027,358; Jan. 7.
- Metals or alloys, Making brittle. W. E. Remmers. 2,049,927; Aug. 4.
- Metals, Pack rolling ferrous. T. W. Allsworth. 2,034,425; Mar. 17.
- Metals, Producing the alkali. M. G. Hanson. 2,028,390; Jan. 21.
- Metals, Production of oxygen-free, gas-free. J. O. Betterton. 2,054,921; Sept. 22.
- Metals, Protecting of. L. Rosenthal and R. Hebermehl. 2,054,389; Sept. 15.
- Metals, Refining. L. W. Bahney. 2,060,137; Nov. 10.
- Metals, Refining. G. H. Clamer. 2,060,177; Nov. 10.
- Metals, Refining. L. S. Deitz, Jr. 2,053,656; Sept. 8.
- Metals, Refining. J. W. Flannery. 2,049,004; July 28.
- Metals, Separating. M. F. Perkins. 2,061,251; Nov. 17.
- Metals, Separation of. H. N. Gilbert. 2,054,316; Sept. 15.
- Metals, Treating. J. N. Aken. 2,047,814; July 14.
- Metals, Treating. J. O. Betterton and A. J. Phillips. 2,043,574; June 9.
- Metals, Treating. D. L. Summey. 2,060,133; Nov. 10.
- Metals, Vacuum treatment of. J. O. Betterton and A. J. Phillips. 2,054,922-3; Sept. 22.
- Metals with aromatic hydrocarbons, Reacting alkali. N. D. Scott. 2,027,000; Jan. 7.
- Metals with cadmium, Coating ferrous. C. E. Swartz. 2,040,282; May 12.
- Metals within sealed vessels, such for example, as thermionic valves, Production of highly electro-positive. M. Benjamin. 2,054,649; Sept. 15.



- Metals, Working and treating. F. L. Antisell. 2,026,605; Jan. 7.
- Meteorological conditions by radio, System of determining. W. R. Blair. 2,027,367; Jan. 14.
- Meter: See—
- Air velocity meter. Impact meter.
  - Automatic grain meter. Leakage compensating meter.
  - Bulk meter. Liquid column gravity meter.
  - Camera and distance meter. Maximum demand meter.
  - Camera and exposure meter. Measure meter.
  - Carbon pile meter. Moisture meter.
  - Coin controlled meter. Multiple rate meter.
  - Contact - making demand meter. Parking meter.
  - Electric meter. Permanent wave meter.
  - Electric pressure meter. Piston meter.
  - Electrical meter. Pump and venturi meter.
  - Electricity service meter. Rotary fluid meter.
  - Exposure meter. Sound amplitude meter.
  - Flight meter. Speed meter.
  - Flow indicating meter. Temperature meter.
  - Flow meter. Transparency meter.
  - Fluid-flow meter. Triangle meter.
  - Fluid meter. Visual acuity meter.
  - Flux meter. Volt-ampere hour meter.
  - Frequency meter. Wabble-meter.
  - Gas meter. Watthour demand meter.
  - Gravity meter. Watt hour meter.
  - Illumination meter. X-ray intensity meter.
- Meter. R. Hall. 2,039,246; Apr. 28.
- Meter. G. B. Vroom. 2,032,383; Mar. 3.
- Meter and switch box protector, Combination. P. Petri. 2,059,742; Nov. 3.
- Meter bearing, Electric. C. Pfanstiehl. 2,048,708; July 28.
- Meter box mold, Concrete. T. Schuster. 2,032,637; Mar. 3.
- Meter connecting device. O. M. Olsen. 2,055,700; Sept. 29.
- Meter connection checking device. C. H. Thayer. 2,035,996; Mar. 31.
- Meter construction, Detachable. W. G. Mylius. 2,066,299-300; Dec. 29.
- Meter disk. F. W. Hanks. 2,029,319; Feb. 4.
- Meter fitting, Orifice. W. C. and P. H. Robinson. 2,050,544; Aug. 11.
- Meter for granular material. A. Hanique. 2,038,655; Apr. 28.
- Meter for indicating ratio of fluid fuel consumption to engine speed. W. F. Sutherland and G. G. Waite. 2,031,192; Feb. 18.
- Meter for liquids. J. P. E. Poillot. 2,031,852; Feb. 25.
- Meter for photographic or cinematographic exposing apparatus, Combined objective and exposure. H. Kuppenbender and M. Nowicki. 2,030,643; Feb. 11.
- Meter for recording elapsed time. H. C. Barnes. 2,048,052; July 21.
- Meter for sewage, Flow. R. A. Allton. 2,058,654; Oct. 27.
- Meter for vehicle parking. H. S. Johns. 2,065,075; Dec. 22.
- Meter insulation. J. L. Ford. 2,040,786; May 12.
- Meter mechanism, Demand limiting. B. E. Lenahan. 2,036,283; Apr. 7.
- Meter plate, Orifice. A. H. Langdon. 2,062,584; Dec. 1.
- Meter shunt preventing means. Le R. Search. 2,056,624; Oct. 6.
- Meter test block. J. G. Jackson. 2,037,632; Apr. 14.
- Meter test block. E. G. Johansson. 2,048,007; July 21.
- Meter test block. T. J. Newman. 2,032,301; Feb. 25.
- Meter test block. C. P. Owens. 2,035,503; Mar. 31.
- Meter testing. B. D. Horton. 2,060,419; Nov. 10.
- Meter testing. A. A. Lane and E. W. Jacobson. 2,050,800; Aug. 11.
- Metering assembly. N. A. Newell. 2,034,825; Mar. 24.
- Metering pump. C. R. Alden. 2,052,549; Sept. 1.
- Metering system. J. M. Rowland. 2,045,413; June 23.
- Metering system, Remote. E. I. Green and W. H. Tidd. 2,039,404-5; May 5.
- Meters, Apparatus for testing demand. H. M. Witherow. 2,048,477; July 21.
- Meters, Correcting the measuring action of fluid. P. S. Morgan. 2,035,182; Mar. 24.
- Meters, Driving the counting mechanism of gas. H. Brandl. 2,059,547; Nov. 3.
- Meters, Testing or proving gas or fluid. W. C. Wagner and F. Strattnr. 2,039,506; May 5.
- Methanol and other carbon compounds and catalytic agents for use therein, Production of. A. T. Larson. 2,061,470; Nov. 17.
- Methyl amines, Separation of. L. C. Swallen. 2,045,929; June 30.
- Methyl chavicol, Isomerizing. C. H. Bibb. 2,052,744; Sept. 1.
- Methylbenzanthrones, Preparing brominated. W. Moser and W. Fioroni. 2,034,629; Mar. 17.
- Methyl ether and the products obtained therefrom, Chlorination of. P. L. Salzberg and J. H. Wernitz. 2,065,400; Dec. 22.
- Methyl ether of tertiary butyl meta cresol, Manufacturing. A. J. H. Maschmeijer and E. Takens. 2,038,947; Apr. 28.
- Metronome. J. H. Morrison. 2,048,881; July 28.
- Mica products, Producing. F. C. Atwood. 2,027,082; Jan. 7.
- Microbiological preparation of 2,3-butylene glycol. M. A. Scheffer. 2,064,359; Dec. 15.
- Micrometer. E. L. Pillschafske. 2,059,141; Oct. 27.
- Micrometer. W. Pincin. 2,029,940; Feb. 4.
- Micrometer attachment. E. G. Bauer and P. L. Angel. 2,062,961; Dec. 1.
- Micrometer centering device, Inside. H. C. Gielow. 2,030,864; Feb. 18.
- Micrometer crank, Adjustable. C. H. Howland-Shearman. 2,039,848; May 5.
- Micrometer gauge. O. O. Holls. 2,037,858; Apr. 21.
- Microphone boom, Automatic. D. D. Jones. 2,053,833; Sept. 8.
- Microphone, Dynamic. H. K. Tarkington. 2,031,678; Feb. 25.
- Microphone plug. E. M. Foster. 2,062,125; Nov. 24.
- Microphone, Single reflector type. O. B. Hanson and R. M. Morris. 2,049,586; Aug. 4.
- Microphone transmitter. S. C. Porter. 2,028,685; Jan. 21.
- Microporous articles, Making. W. L. Reinhardt and L. E. Wells. 2,052,490; Aug. 25.
- Microscope. G. Fassin. 2,048,440; July 21.
- Microscope. G. B. Gallasch. 2,057,187; Oct. 13.
- Microscope. A. Wollensak. 2,026,722; Jan. 7.
- Microscope, Comparison. O. Ursinus. 2,040,066; May 5.
- Microscope for the examination of surfaces. F. Hauser. 2,034,096; Mar. 17.
- Microscope illuminator. G. A. Ellestad. 2,059,781; Nov. 3.
- Microscope objective. A. Sonnefeld. 2,050,024; Aug. 4.
- Microscopic projections, Apparatus for. G. Rømmert. 2,058,179; Oct. 20.
- Milanese warp knitting machine. W. Deakin. 2,042,146; May 26.
- Mileage counter for the hubs of vehicle wheels. E. Seignol. 2,037,345; Apr. 14.
- Milk and cream into butter, Conversion of. P. Feremutsch. 2,051,797; Aug. 18.
- Milk and milk preparations, Treatment of. R. E. Hall. 2,064,110; Dec. 15.
- Milk and other or similar food products, Preservation of. W. Rafn. 2,049,591; Aug. 4.
- Milk, Apparatus for cooling warm. R. C. McKay. 2,031,274; Feb. 18.
- Milk bottle holder. J. M. McKeel. 2,038,585; Apr. 28.
- Milk can. M. F. Mazzella. 2,033,042; Mar. 3.
- Milk can indicator. M. Thorpe. 2,037,288; Apr. 14.
- Milk cans and the like, Apparatus for washing. G. H. Horn. 2,065,466; Dec. 22.
- Milk cooler. E. A. Karlsson. 2,040,139; May 12.
- Milk cooler. L. W. Melcher and J. B. Fisher. 2,050,192; Aug. 4.
- Milk cooler. F. D. Peltier. 2,045,491; June 23.
- Milk cooling apparatus. R. Markley, Jr. 2,039,235; Apr. 28.
- Milk delivery box. J. A. Hopwood. 2,055,350; Sept. 22.
- Milk delivery box. J. A. Hopwood. 2,057,489; Oct. 13.
- Milk delivery registering means. C. H. Hapgood. 2,064,306; Dec. 15.
- Milk delivery system, Continuous. C. H. Hapgood. 2,037,467; Apr. 14.
- Milk guide, Rolling. T. H. Kearns and M. L. Weikert. 2,039,169; Apr. 28.
- Milk, Hypo-allergic. W. D. Frohring. 2,036,404; Apr. 7.
- Milk of magnesium and product resulting therefrom, Preparing desiccated. S. Snyder. 2,052,902; Sept. 1.
- Milk pail cover. F. W. Moore. 2,032,375; Mar. 3.
- Milk pasteurizing and cooling unit. E. Prestage. 2,041,483; May 19.
- Milk pasteurizing assembly. C. F. Vining. 2,035,732; Mar. 31.
- Milk, Preserving. G. A. Krause. 2,028,072; Jan. 14.
- Milk products and resulting products, Treating. S. H. Ayers and C. W. Lang. 2,054,065; Sept. 15.
- Milk products, Treatment of. H. E. Otting. 2,045,097; June 23.
- Milk sediment apparatus. R. L. Hinman. 2,058,587; Oct. 27.
- Milk stirring and cooling device. E. H. Kuehne. 2,042,108; May 26.
- Milk strainer holder. J. D. Knepp. 2,047,876; July 14.
- Milk treating apparatus. C. Cacioppo. 2,050,158; Aug. 4.
- Milking machine. C. H. Hapgood. 2,055,531; Sept. 29.
- Milking, Process and apparatus for. E. T. Jansson. 2,039,421; May 5.
- Milking, Process of. H. McCornack. 2,050,356; Aug. 11.
- Mill: See—
- Break-down mill. Ore mill.
  - Crushing and grinding mill. Percussion ore mill.
  - mill. Portable stamp mill.
  - Drink mill. Pulverizing mill.
  - Forming mill. Ring-grinding mill.
  - Fulling mill. Ring rolling mill.
  - Grinding mill. Rolling mill.
  - Hammer mill. Roughage mill.
  - Metal rolling mill. Tube mill.
  - Mixing mill. Tube rolling mill.
  - Ore crushing mill.
- Mill. J. A. Gervais. 2,063,996; Dec. 15.
- Mill drive, Rolling. W. B. Green. 2,029,164; Jan. 28.
- Mill for rolling articles of circular section and irregular profile. P. Klamp. 2,060,087; Nov. 10.



- Mill guide, Rolling. E. G. Crozier and J. R. Post. 2,040,979; May 19.
- Mill roll, making same, and product of such roll, Rolling. W. H. Payne. 2,030,891; Feb. 18.
- Mill rolls, Mechanism for unwinding. G. W. Swift, Jr. 2,050,509; Aug. 11.
- Mill screwdown protection, Rolling. S. S. Roberts. 2,061,331; Nov. 17.
- Mill screwdown, Rolling. F. C. Bigger, Jr. 2,034,939; Mar. 24.
- Mill with inclined rolls, Rolling. F. Kocks. 2,040,612; May 12.
- Miller, Eccentric. E. G. Roehm. 2,054,168; Sept. 15.
- Milling and boring machine, Combined. W. D. Archea. 2,052,271; Aug. 25.
- Milling attachment. A. Hofmann. 2,035,810; Mar. 31.
- Milling cutter. F. Kinzbach. 2,039,427; May 5.
- Milling machine. J. B. Armitage. 2,034,221; Mar. 17.
- Milling machine. H. Ernst, M. E. Martellotti, and W. D. Archea. 2,065,326; Dec. 22.
- Milling machine. H. O. Fletcher. 2,027,726; Jan. 14.
- Milling machine. E. R. Koppel. 2,057,721; Oct. 20.
- Milling machine. N. S. Lundberg and C. B. De Vlieg. 2,036,967; Apr. 7.
- Milling machine. G. T. Moo. 2,066,217; Dec. 29.
- Milling machine. E. G. Roehm. 2,052,249; Aug. 25.
- Milling machine. J. Rule. 2,047,836; July 14.
- Milling machine, Automatic pattern controlled. B. Sassen. 2,044,020; June 16.
- Milling machine, Automatic pattern controlled. B. Sassen and H. Ernst. 2,036,362; Apr. 7.
- Milling machine head. J. M. Walter. 2,033,749; Mar. 10.
- Milling machine organization. F. A. Parsons. 2,040,528; May 12.
- Milling machine organization. F. A. Parsons. 2,052,648; Sept. 1.
- Milling machine, Planetary. M. Romaine and E. G. Roehm. 2,039,349; May 5.
- Milling machine, Spiral. E. G. Roehm. 2,050,124; Aug. 4.
- Milling machine transmission and electric control therefor. W. D. Archea. 2,042,245; May 26.
- Mills, Feed control for. R. M. Hardgrove. 2,030,448; Feb. 11.
- Mine blasting and similar operations. W. Voortmann. 2,040,581; May 12.
- Mine car coupling. J. L. Day. 2,049,156; July 28.
- Mine car wheel. W. V. Johnson. 2,049,908; Aug. 4.
- Mine chock, mine prop, or the like. A. Wilson. 2,047,537; July 14.
- Mineral aggregate for road-surfacing and other purposes, Preparing. E. F. Durfee. 2,043,037; June 2.
- Mineral aggregate, Method and apparatus for conditioning. H. M. Stafford. 2,041,155; May 19.
- Mineral flotation. F. A. Brinker. 2,052,274; Aug. 25.
- Mineral separator. W. L. Zeigler. 2,064,398; Dec. 15.
- Mineral wool. J. T. Thorndyke. 2,051,279; Aug. 18.
- Mineral wool furnace. T. F. Mooney. 2,045,668; June 30.
- Mineral wool, Process and furnace for making. E. R. Powell. 2,057,393; Oct. 13.
- Minerals by flotation, Apparatus for concentrating. S. Tucker. 2,054,643; Sept. 15.
- Minerals, Classification of. A. C. Munro. 2,065,722; Dec. 29.
- Minerals, Concentration of. O. C. Ralston. 2,064,031; Dec. 15.
- Minerals, Flotation of. F. G. Moses, R. W. Hess, and R. L. Perkins. 2,027,357; Jan. 7.
- Minerals from ores, Separating. P. R. Yewell. 2,029,090; Jan. 28.
- Miner's eyeshield. J. Lakovich. 2,040,614; May 12.
- Miner's separating apparatus. M. C. Bright. 2,039,291; May 5.
- Mining apparatus. M. P. Holmes. 2,030,064-5; Feb. 11.
- Mining apparatus. M. P. Holmes. 2,041,714; May 26.
- Mining apparatus. C. F. Osgood. 2,062,659; Dec. 1.
- Mining apparatus. E. C. Osgood. 2,049,172; July 28.
- Mining apparatus. R. A. Thomas and E. M. Cadwallader. 2,059,415; Nov. 3.
- Mining chain cutting bit. F. L. Fulke. 2,036,327; Apr. 7.
- Mining conveyer. W. A. Logan. 2,060,227; Nov. 10.
- Mining jack. H. F. Dietz. 2,066,175; Dec. 29.
- Mining machine. C. P. Baldwin. 2,053,259; Sept. 8.
- Mining machine. C. P. Baldwin. 2,062,661; Dec. 1.
- Mining machine. J. S. Beltz and L. E. Mitchell. 2,066,195; Dec. 29.
- Mining machine. M. P. Holmes. 2,049,445; Aug. 4.
- Mining machine. M. P. Holmes. 2,053,288; Sept. 8.
- Mining machine. M. P. Holmes. 2,062,658; Dec. 1.
- Mining machine. M. P. Holmes. 2,062,660; Dec. 1.
- Mining machine. N. D. Levin. 2,065,945; Dec. 29.
- Mining machine. F. A. Lindgren. 2,031,376; Feb. 18.
- Mining machine. F. A. Lindgren. 2,041,420; May 19.
- Mining machine. F. A. Lindgren. 2,060,226; Nov. 10.
- Mining machine. C. F. Osgood. 2,062,662; Dec. 1.
- Mining machine. C. A. Pratt. 2,029,793; Feb. 4.
- Mining machine. C. A. Pratt. 2,030,535; Feb. 11.
- Mining machine. W. W. Sloane. 2,027,456; Jan. 14.
- Mining machine. W. W. Sloane. 2,034,492; Mar. 17.
- Mining machine chain cutter. F. L. Fulke. 2,036,573; Apr. 7.
- Mining machines, Attachment for. W. A. Logan. 2,031,421; Feb. 18.
- Mirror. H. W. Edwards. 2,058,429; Oct. 27.
- Mirror. W. La Hodny and G. C. Hoff. 2,058,603; Oct. 27.
- Mirror. J. E. Thomas. 2,041,687; May 19.
- Mirror. De W. Warner. 2,038,459; Apr. 21.
- Mirror and comb, Combination. J. F. Rioux. 2,041,960; May 26.
- Mirror and display device. G. Frenkel. 2,064,060; Dec. 15.
- Mirror and picture support. J. Kremen. 2,047,075; July 7.
- Mirror for trucks, Rear view. H. E. Jones. 2,047,325; July 14.
- Mirror, Framed. J. B. Abrams. 2,031,627; Feb. 25.
- Mirror, Illuminated. H. Lewinsohn and T. Goldfinger. 2,046,393; July 7.
- Mirror, Lighted. R. Leathorn. 2,048,939; July 28.
- Mirror, Make-up. O. C. Ritz-Woller. 2,066,055; Dec. 29.
- Mirror, Rear view. W. H. Colbert. 2,029,911; Feb. 4.
- Mirror, Rear view. L. F. Hofer. 2,052,770; Sept. 1.
- Mirror, Rear view. W. L. Udell. 2,035,411; Mar. 24.
- Mirror, Rear vision. J. Sands and H. A. Hellerud. 2,062,764; Dec. 1.
- Mirror support. J. M. Green. 2,051,406; Aug. 18.
- Mirror system, Vibratory. A. Whitaker and C. O. Browne. 2,059,159; Oct. 27.
- Mirror, Umbrella. J. M. Swasey. 2,043,019; June 2.
- Mirror wheels, Producing. H. Papst. 2,042,018; May 26.
- Mirrors, Framing double face pocketbook. J. H. Fox. 2,062,646; Dec. 1.
- Mirrors, Producing. H. E. Smith. 2,030,476; Feb. 11.
- Mit, Scrubbing. C. E. Lierley. 2,029,626; Feb. 4.
- Mit, Shoe shining. V. L. Gilmer. 2,044,428; June 16.
- Miter box. G. C. Farmer. 2,053,706; Sept. 8.
- Miter box. D. E. Gommel. 2,050,699; Aug. 11.
- Miter box. N. M. Ludwig. 2,053,569; Sept. 8.
- Miter box. W. Owen. 2,046,404; July 7.
- Miterer, All angle rotary. L. F. Ross. 2,049,176; July 28.
- Mitten and making the same, Knitted. W. C. Buchholz. 2,030,959; Feb. 18.
- Mitten for children to prevent sucking of thumbs. E. Zinner. 2,035,210; Mar. 24.
- Mitten, Three fingered. E. T. Baskin. 2,027,084; Jan. 7.
- Mixer: See—
- |                          |                     |
|--------------------------|---------------------|
| Agitating mixer.         | Household mixer.    |
| Concrete mixer.          | Material mixer.     |
| Continuous heater mixer. | Mechanical mixer.   |
| Dough mixer.             | Mortar mixer.       |
| Electric food mixer.     | Muller type mixer.  |
| Electric mixer.          | Oil mixer.          |
| Fluid mixer.             | Paint mixer.        |
| Food mixer.              | Road surface mixer. |
| Fuel mixer.              | Rotary mixer.       |
| Gas and air mixer.       | Safety mixer.       |
| Gas mixer.               |                     |
- Mixer. O. J. Moussette, Sr. 2,056,582; Oct. 6.
- Mixer. W. H. Strief. 2,033,453; Mar. 10.
- Mixer and fuel supplying means, Combined. J. O. Heinze. 2,038,288; Apr. 21.
- Mixer and sprayer, Fertilizer. W. Thorne. 2,030,278; Feb. 11.
- Mixer for de-airing clay. L. R. Pape and L. B. Knight, Jr. 2,063,266; Dec. 8.
- Mixing and whipping device. W. Van Guilder. 2,054,666; Sept. 15.
- Mixing apparatus. B. Granville. 2,036,575; Apr. 7.
- Mixing apparatus. A. W. Rybeck. 2,029,126; Jan. 28.
- Mixing apparatus. H. B. Siems. 2,047,394; July 14.
- Mixing apparatus for liquids. F. Maurer. 2,043,108; June 2.
- Mixing device. E. M. Davis. 2,060,557; Nov. 10.
- Mixing device. V. Gephart. 2,033,518; Mar. 10.
- Mixing device. F. G. Hausman. 2,042,176; May 26.
- Mixing device. W. Van Guilder. 2,047,841; July 14.
- Mixing gauge. F. W. Trabold. 2,027,494; Jan. 14.
- Mixing machine. O. Becker. 2,054,648; Sept. 15.
- Mixing machine. W. C. Blackmond. 2,030,847; Feb. 18.
- Mixing machine. E. G. Loomis. 2,027,185; Jan. 7.
- Mixing mill. D. L. White. 2,030,949; Feb. 18.
- Mixing valve. F. W. Chamberlin. 2,050,273; Aug. 11.
- Mixing valve. F. J. Wolff. 2,045,308; June 23.
- Mixture measurer. E. B. Fairchild. 2,030,975; Feb. 18.
- Mixture of hard materials and matrix metals, Securing a homogeneous. E. Schjöth. 2,042,684; June 2.
- Mixtures of finely divided solids and liquids in thickening and countercurrent washing operations, Apparatus for treating. N. C. Christensen. 2,035,592; Mar. 31.
- Mixtures of material, Apparatus for separating sized. W. H. Berrisford. 2,040,196; May 12.
- Mixtures of solid and liquid substances, Apparatus for filtering and washing. J. G. Wallny. 2,034,784; Mar. 24.
- Model copying machine. G. Clausen. 2,049,106; July 28.
- Model duplicating device. J. R. Schwartz. 2,037,344; Apr. 14.
- Model of airplane. A. F. Selley. 2,058,265; Oct. 20.
- Modulating control. P. F. Shivers. 2,052,536; Aug. 25.
- Modulating electric valve. L. L. Cunningham. 2,029,465; Feb. 4.
- Modulating means. R. Hofer and W. Kummerer. 2,027,044; Jan. 7.
- Modulating means. G. L. Usselman. 2,042,748; June 2.
- Modulating system. F. A. Crooks. 2,056,167; Oct. 6.
- Modulating system. R. C. Mathes. 2,055,662; Sept. 29.



- Modulating system. J. Plebanski. 2,041,951; May 26.  
 Modulating system. K. Schuchter. 2,043,448; June 9.  
 Modulating system for ultra short waves. J. G. Chaffee. 2,038,992; Apr. 28.  
 Modulation. J. L. Finch. 2,031,639; Feb. 25.  
 Modulation. N. E. Lindenblad. 2,054,431; Sept. 15.  
 Modulation. N. E. Lindenblad. 2,061,947; Nov. 24.  
 Modulation. H. Roder. 2,058,262; Oct. 20.  
 Modulation. G. L. Usselman. 2,045,973; June 30.  
 Modulation. G. L. Usselman. 2,048,900; July 28.  
 Modulation. G. L. Usselman. 2,058,928; Oct. 27.  
 Modulation analyzer. D. Grimes and W. S. Barden. 2,053,076; Sept. 1.  
 Modulation scheme for Barkhausen-Kurz generators. G. B. Hagen. 2,033,984; Mar. 17.  
 Modulation system. O. Böhm and M. Osnos. 2,037,756; Apr. 21.  
 Modulation system. M. G. Crosby. 2,033,231; Mar. 10.  
 Modulation system. S. Di Renzo. 2,047,726; July 14.  
 Modulation system. N. M. Rust. 2,063,125; Dec. 8.  
 Modulation system. I. Wolff and E. G. Linder. 2,051,537; Aug. 18.  
 Modulator and demodulator. H. F. Elliott. 2,058,430; Oct. 27.  
 Modulator for alternating currents. H. Nyquist. 2,034,826; Mar. 24.  
 Modulator with automatic regulator of power source, High efficiency. D. G. Little. 2,064,019; Dec. 15.  
 Moistener for duplicating apparatus. W. Ritzerfeld. 2,034,209; Mar. 17.  
 Moistening and feeding device for duplicators. F. W. Storck. 2,061,526; Nov. 17.  
 Moisture and heat resistant article and making the same. J. C. MacIldowie. 2,035,970; Mar. 31.  
 Moisture. Apparatus for the determination of. C. W. Brabender. 2,047,765; July 14.  
 Moisture applying machine. I. N. Odell. 2,051,222; Aug. 18.  
 Moisture-containing substances, Method and apparatus for treating. J. Harrington. 2,062,025; Nov. 24.  
 Moisture content of a material, Apparatus for determining the. B. F. Eyer. 2,043,241; June 9.  
 Moisture content of material, Apparatus for controlling. F. E. P. Klages. 2,038,431; Apr. 21.  
 Moisture emitting and evaporating device, Regulable. E. Schneider. 2,064,225; Dec. 15.  
 Moisture entrainment in steam boilers, Preventing. L. O. Gunderson. 2,040,127; May 12.  
 Moisture meter. T. T. Knappen. 2,056,196; Oct. 6.  
 Moistureproof bag. C. Fisher. 2,036,687; Apr. 7.  
 Moistureproof material and making same. W. H. Charch. 2,061,374; Nov. 17.  
 Moistureproof material and making same. W. H. Charch, W. L. Hyden, and J. C. Siemann. 2,030,962; Feb. 18.  
 Moistureproofing composition and making same. A. Hersberger. 2,051,944; Aug. 25.  
 Moisture resisting composition for wood and the like. F. H. Lyons. 2,066,295; Dec. 29.  
 Moisture testing device. C. O. Fairchild and J. P. Henderson. 2,063,840; Dec. 8.  
 Mold: See—  
   Block mold. Metal mold.  
   Concrete tile mold. Meter box mold.  
   Copper mold. Permanent mold.  
   Expandable mold. Shoe counter mold.  
   Grindstone mold. Slug casting mold.  
   Heat exchanging mold. Tire retreading mold.  
   Ingot mold. Typographic mold.  
 Mold. K. A. M. Reiche. 2,032,329; Feb. 25.  
 Mold aligning apparatus. H. Shaffer. 2,031,739; Feb. 25.  
 Mold and its production. A. B. Ray. 2,027,932; Jan. 14.  
 Mold and manufacturing the same. H. George. 2,037,228; Apr. 14.  
 Mold and the characters cast thereby, Type casting. E. H. Denby. 2,060,662; Nov. 10.  
 Mold apparatus. J. B. Dormer. 2,028,443; Jan. 21.  
 Mold-board elevating and lowering mechanism for road graders. F. E. Arndt. 2,033,117; Mar. 10.  
 Moldboard for plows. R. J. Altgelt. 2,041,519; May 19.  
 Mold casting, Chilled metal. C. J. and H. J. Dockray. 2,052,921; Sept. 1.  
 Mold cutting machine. R. Atti. 2,058,395; Oct. 27.  
 Mold extension for ingot molds. W. M. Charman. 2,030,199; Feb. 11.  
 Mold for battery cell connectors, Adjustable. W. L. Strock and E. C. Strock. 2,030,726; Feb. 11.  
 Mold for casting a supporting ledge for brick veneer. E. W. Navarre. 2,057,732; Oct. 20.  
 Mold for casting and stripping ingots, Combined metal. S. H. Griffiths. 2,065,969; Dec. 29.  
 Mold for casting stereotype plates. W. F. Huck. 2,047,103; July 7.  
 Mold for casting stereotype printing plates. W. F. Huck. 2,064,117; Dec. 15.  
 Mold for freezing liquids or semiliquids. R. M. Storer. 2,032,639; Mar. 3.  
 Mold for making commutators. V. G. Apple. 2,030,132; Feb. 11.  
 Mold for molding or embossing or the like plastic material such as dough. A. Kremmling. 2,030,642; Feb. 11.  
 Mold for plaster casting. G. Oenslager. 2,048,808; July 28.  
 Mold for producing corrugated units. W. H. Evers. 2,050,299; Aug. 11.  
 Mold for reinforced concrete stadiums. W. A. Cannon. 2,052,446; Aug. 25.  
 Mold for retreading tires. J. Brasty. 2,041,321; May 19.  
 Mold for the manufacture of teapots and the like. F. D. Foley. 2,031,258; Feb. 18.  
 Mold for the production of rubber heels. D. Penardi. 2,027,651; Jan. 14.  
 Mold for type casting machines and the like. G. H. White. 2,037,204; Apr. 14.  
 Mold form for circular concrete walls. W. A. Jennings. 2,046,123; June 30.  
 Mold of typographical slug-casting machines. C. A. Albrecht. 2,055,642; Sept. 29.  
 Mold protector for type casting machine, Automatic. J. E. Dent. 2,057,420; Oct. 13.  
 Moldable composition and making the same. W. Nanfeldt. 2,037,687; Apr. 14.  
 Molded article and making the same, Moistureproofed. R. G. Lemmerman. 2,039,172; Apr. 28.  
 Molded articles for flow line faults, Apparatus for testing. A. R. Lukens. 2,052,357; Aug. 25.  
 Molded articles from casein, Producing. D. Kasen. 2,045,471; June 23.  
 Molded articles from urea and formaldehyde, Manufacture of. A. M. Howald. 2,056,461-2; Oct. 6.  
 Molded articles, Making. H. Z. Cobb. 2,032,869; Mar. 3.  
 Molded articles, Manufacture of. M. Hagedorn. 2,045,080; June 23.  
 Molded articles, Method and apparatus for the production of. P. Kopp. 2,050,100; Aug. 4.  
 Molded articles, Preparation of. M. L. Macht. 2,044,585; June 16.  
 Molded articles, Reenforcement for. L. J. Loeffler. 2,064,435; Dec. 15.  
 Molded case. R. W. Post. 2,050,896; Aug. 11.  
 Molded pieces or bodies from mortars or concrete, Manufacture of. E. Freyssinet and J. Seailles. 2,052,818; Sept. 1.  
 Molded product. H. R. Thies and T. A. Riehl. 2,054,454; Sept. 15.  
 Molded product, Infusible. S. E. Sheppard. 2,039,743; May 5.  
 Molded products, Making composite. C. L. Keller. 2,027,483; Jan. 14.  
 Molded products, Producing. H. R. Thies. 2,043,938; June 9.  
 Molding. F. R. Conkin. 2,048,686; July 28.  
 Molding. O. L. Herron. 2,049,501; Aug. 4.  
 Molding and article and apparatus therefor. J. Dichter. 2,065,305; Dec. 22.  
 Molding and electric outlet box. W. G. Schaller. 2,043,776; June 9.  
 Molding and like fastener installation and fastener for the same. W. H. Churchill. 2,055,427; Sept. 22.  
 Molding and lining of pipes and the like, Centrifugal. C. C. Halkyard. 2,042,395; May 26.  
 Molding and securing means therefor, Garnish. L. A. Menges. 2,058,248; Oct. 20.  
 Molding apparatus. O. J. Gerschefski. 2,055,762; Sept. 29.  
 Molding apparatus. E. W. Kronbach. 2,043,252; June 9.  
 Molding apparatus. C. Pack. 2,033,735; Mar. 10.  
 Molding apparatus. J. D. Shriber. 2,060,474; Nov. 10.  
 Molding apparatus. H. Siemund. 2,056,127; Sept. 29.  
 Molding apparatus. G. F. Yager and O. J. Heath. 2,033,317; Mar. 10.  
 Molding apparatus, Permanent. R. J. Roshirt, A. T. Bateman, and A. Irvine. 2,029,673; Feb. 4.  
 Molding composition. K. M. Irey. 2,038,113; Apr. 21.  
 Molding composition. K. Ripper. 2,029,894; Feb. 4.  
 Molding composition and making the same. A. F. Caprio. 2,048,779; July 28.  
 Molding composition and molded articles made therefrom. K. Ripper. 2,029,836; Feb. 4.  
 Molding compositions. W. S. Calcott and H. H. Reynolds. 2,034,895; Mar. 24.  
 Molding compositions. A. B. Cowdery. 2,054,243; Sept. 15.  
 Molding device. L. C. Shippy. 2,028,021; Jan. 14.  
 Molding die. G. C. Matson. 2,047,379; July 14.  
 Molding, Electric outlet. A. P. Dorsey. 2,029,019; Jan. 28.  
 Molding for a windshield, Division. A. J. Fisher. 2,061,760; Nov. 24.  
 Molding for automobile roofs and securing same. O. J. Crowe. 2,060,976; Nov. 17.  
 Molding machine. S. L. Connell. 2,052,449; Aug. 25.  
 Molding machine. J. J. Lawlor. 2,047,209; July 14.  
 Molding machine. J. J. Lawlor. 2,056,199; Oct. 6.  
 Molding machine. J. J. Lawlor. 2,061,280; Nov. 17.  
 Molding machine. J. E. Linabury. 2,048,190; July 21.  
 Molding machine, Centrifugal. R. Richardson and W. S. Bateman, Jr. 2,060,121; Nov. 10.  
 Molding material. E. C. Rossiter and A. Brookes. 2,059,609; Nov. 3.  
 Molding mechanism. L. C. Gustin and R. F. Hoflin. 2,057,377; Oct. 13.  
 Molding, Method and apparatus for thermoplastic. H. A. Husted. 2,043,584; June 9.  
 Molding mixtures and their manufacture. L. C. Byck. 2,044,969; June 23.  
 Molding, Plastic. V. G. Apple. 2,058,938; Oct. 27.  
 Molding press. G. H. Case. 2,038,205; Apr. 21.  
 Molding press. A. F. Toelke. 2,052,061; Aug. 25.  
 Molding, Price tag. H. E. Marsh. 2,043,760; June 9.



- Molding process. O. O. Rieser. 2,037,269; Apr. 14.  
Molding process and article produced thereby. R. F. Strickland. 2,047,043; July 7.  
Molding process and molded article. W. H. Woodford. 2,026,765; Jan. 7.  
Molding, Shelf. L. Hopp. 2,046,121; June 30.  
Molding strip. W. E. Wilson. 2,030,730; Feb. 11.  
Molding, Trimming. R. C. Schemmel. 2,047,747; July 14.  
Molding, Window. F. J. Price. 2,038,382; Apr. 21.  
Moldings, Finishing garnish. C. P. Shaw. 2,060,641; Nov. 10.  
Moldings, Making. L. L. Williams. 2,027,215; Jan. 7.  
Molds, Apparatus for making. J. Luton. 2,049,967; Aug. 4.  
Molds, Apparatus for making. J. Luton. 2,053,963; Sept. 8.  
Molds for the production of chocolates, candies, and the like, Forming frame. K. A. Reiche. 2,062,608; Dec. 1.  
Molds, Making copper. W. H. Peirce. 2,054,635; Sept. 15.  
Molds of matrix composing and line casting machines, Cooling the. C. A. Albrecht. 2,035,443; Mar. 31.  
Mole trap. J. D. Morrow. 2,060,947; Nov. 17.  
Mole trap. M. A. Mygrants. 2,048,135; July 21.  
Molecular products containing sulphur in combination, High. L. Orthner and W. Becker. 2,050,370; Aug. 11.  
Molten material, Cooling. E. J. Franke. 2,031,790; Feb. 25.  
Molten materials, Apparatus for granulating. W. K. Hall and F. Heywood. 2,059,230; Nov. 3.  
Momentum measuring apparatus for golf practice and the like. N. M. Barker. 2,047,402; July 14.  
Money receptacle. V. T. Crow. 2,051,131; Aug. 18.  
Monoalkyl-naphthylamines, Preparation of. P. W. Carleton and E. L. Mattison. 2,039,390; May 5.  
Monoalkylolamines, Production of. C. T. Kautter. 2,051,486; Aug. 18.  
Mono-azodyestuffs. R. Fleischhauer. 2,055,377; Sept. 22.  
Monoazodyestuffs. R. Fleischhauer. 2,059,512; Nov. 3.  
Mono-azodyestuffs. R. Fleischhauer. 2,065,680; Dec. 29.  
Monoazodyestuffs, Copper and chromium containing acid. K. Wiedemann, H. Clingstein, H. Krzikalla, and W. Kuehne. 2,062,547; Dec. 1.  
Monocalcium phosphate. W. H. Knox, Jr., and R. T. Cochran. 2,062,064; Nov. 24.  
Monocalcium phosphate, Production of. O. Kaselitz. 2,057,956; Oct. 20.  
Monocontrol mechanism. C. D. Fator. 2,040,839; May 19.  
Mono-cyclohexyl-1,2-dehydroxybenzenes. L. E. Mills and B. L. Fayerweather. 2,044,318; June 16.  
Monogram. I. Wolff. 2,065,918; Dec. 29.  
Monogram frame. M. Chernow. 2,037,660; Apr. 14.  
Monogram unit. J. H. Kraemer. 2,061,428; Nov. 17.  
Monohalides, Treatment of vinyl type. H. P. A. Groll and G. Hearne. 2,060,303; Nov. 10.  
Monolithic cementitious pipe. E. P. Halliburton. 2,029,369; Feb. 4.  
Monorail system. J. Guthrie. 2,038,732; Apr. 28.  
Monosaccharides, Polymerizing. E. Fürber. 2,027,904; Jan. 14.  
Monosulphide, Preparation of thiuram. I. Williams and C. W. Croco. 2,048,043; July 21.  
Mono sulphides, Preparing thiazyl. J. Teppema. 2,028,082; Jan. 14.  
Mooring device. C. V. Koons. 2,033,035; Mar. 3.  
Mooring line. E. J. Fitzgibbon. 2,040,769; May 12.  
Mop. W. H. Bohnenblust. 2,056,934; Oct. 13.  
Mop. P. Ehrmantrot. 2,041,823; May 26.  
Mop. C. Fatland. 2,041,054; May 19.  
Mop. C. Fatland. 2,061,568; Nov. 24.  
Mop. A. Granger. 2,042,892; June 2.  
Mop. W. H. Jayne. 2,056,008; Sept. 29.  
Mop. W. H. Jayne. 2,060,621; Nov. 10.  
Mop. J. Jelenfy. 2,044,075; June 16.  
Mop. T. M. Jenkins. 2,029,235; Jan. 28.  
Mop. A. S. T. Lagaard. 2,035,816; Mar. 31.  
Mop. O. D. Orvis. 2,033,952; Mar. 17.  
Mop. C. J. Ostdiek. 2,038,379; Apr. 21.  
Mop. C. J. Ostdiek. 2,043,303; June 9.  
Mop. E. H. Tate. 2,028,883; Jan. 28.  
Mop. T. P. Wallace. 2,041,985; May 26.  
Mop and making same. F. A. Speik. 2,039,565; May 5.  
Mop and making the same. H. I. Klawns. 2,035,130; Mar. 24.  
Mop and wringer. C. E. Buell. 2,059,772-3; Nov. 3.  
Mop cleaner. F. G. Clipper. 2,058,772; Oct. 27.  
Mop cleaner and receptacle, Dust. R. C. Liedtke and C. O. Wolen. 2,031,374; Feb. 18.  
Mop construction. W. H. Pleiss. 2,042,803; June 2.  
Mop dust abtractor. F. A. Haynes. 2,052,766; Sept. 1.  
Mop, Floor. J. D. Currie. 2,066,096; Dec. 29.  
Mop, Fountain. W. C. Gewalt. 2,047,199; July 14.  
Mop, Fountain. W. C. Gewalt. 2,053,282; Sept. 8.  
Mop handle support. R. C. Teare. 2,064,502; Dec. 15.  
Mophead fastener. C. V. Martin. 2,033,041; Mar. 3.  
Mop holder. A. C. Kootz. 2,064,015; Dec. 15.  
Mop holder. A. P. Smith. 2,059,662; Nov. 3.  
Mop holder. R. Steuernagel. 2,065,407; Dec. 22.  
Mop or duster, Polishing. H. H. Baker. 2,060,012; Nov. 10.  
Mop, Universal. F. Preisser and F. A. Lindsley. 2,050,762; Aug. 11.  
Mop, Wringer. J. L. Nilson. 2,043,973-4; June 9.  
Mop wringer attachment. R. T. Smith. 2,028,025; Jan. 14.  
Mop wringing apparatus. E. Pavsek. 2,049,619; Aug. 4.  
Morphine and related derivatives, Extraction of. G. E. Mallory. 2,062,324; Dec. 1.  
Morpholines, Phenolic. H. A. Bruson. 2,040,039; May 5.  
Mortarboard stand, Plasterer's. C. M. Lockey. 2,042,110; May 26.  
Mortar mixer. D. Miller. 2,031,326; Feb. 18.  
Mortar projectile. B. P. Joyce. 2,057,953; Oct. 20.  
Motion of a railway vehicle axle, Controlling. G. H. Zouck. 2,064,138; Dec. 15.  
Mortars or binders containing caoutchouc and preparing same. K. Dietz and K. Frank. 2,059,778; Nov. 3.  
Mortise lock. L. Jambrich. 2,038,737; Apr. 28.  
Mosaic block. G. M. Haliburton. 2,053,001; Sept. 1.  
Mosquitoproof retreat. J. Beyschowitz. 2,058,053; Oct. 20.  
Mote controlling device. J. B. Graves. 2,046,623; July 7.  
Moth life, Destroying. M. E. Wade. 2,041,219; May 19.  
Mothproof storage receptacle. A. Berkowitz. 2,054,764; Sept. 15.  
Motion and apparatus therefor, Simulating. J. Hansman. 2,028,662; Jan. 21.  
Motion device. R. V. Dixn. 2,037,460; Apr. 14.  
Motion, Device for transmitting. F. Zofzik. 2,042,695; June 2.  
Motion lamp. F. G. Tompsett. 2,044,551; June 16.  
Motion, Mechanisms for producing intermittent. I. J. Larson. 2,032,422; Mar. 3.  
Motion picture screen. A. S. Ringel. 2,047,290; July 14.  
Motion reproducing unit. E. J. Poitras and J. D. Tear. 2,041,952; May 26.  
Motion-transmitting mechanism. E. B. Gruber. 2,030,511; Feb. 11.  
Motor: See—  
Air-cooled motor.  
Alternating current motor.  
Alternating motor.  
Antitampering motor.  
Capacitor motor.  
Condenser induction motor.  
Condenser motor.  
Continuous torque impulse motor.  
Current motor.  
Duplex steam motor.  
Double-voltage split-phase motor.  
Electric motor.  
Electric starting motor.  
Electromagnetic motor.  
Fluid measuring motor.  
Fluid motor.  
Fluid operated motor.  
Fluid pressure motor.  
Gasoline turbine motor.  
Induction motor.  
Internal-combustion motor.  
Liquid heat motor.  
Magnetic motor.  
Multiple speed motor.  
Multispeed geared motor.  
Oscillator motor.  
Outboard motor.  
Pressure fluid motor.  
Relay motor.  
Reversible motor.  
Reversible shaded pole motor.  
Rotary motor.  
Self-starting synchronous motor.  
Servo-motor.  
Single phase motor.  
Small electric motor.  
Solenoid motor.  
Speed governed motor.  
Spring motor.  
Steam friction motor.  
Submersible motor.  
Synchronous motor.  
Torque motor.  
Trigger motor.  
Two-cycle motor.  
Two-speed motor.  
Variable speed motor.  
Vertical shaft motor.  
Vibratory electrical motor.  
Vibratory motor.  
Water power motor.  
Wave motor.  
Wind motor.  
Windshield wiper motor.  
Motor. C. and L. M. Christian. 2,065,514; Dec. 29.  
Motor. M. P. De Motte. 2,061,898; Nov. 24.  
Motor. R. C. Osgood. 2,057,262; Oct. 13.  
Motor. R. H. Sullivan and W. R. Gordon. 2,064,090; Dec. 15.  
Motor. G. B. Wilson and K. C. Eagley. 2,029,145; Jan. 28.  
Motor. W. H. Wineman. 2,057,258; Oct. 13.  
Motor and brake therefor, Electric. A. Oberhoffken. 2,037,735; Apr. 21.  
Motor and controller, Combined electric. F. J. Rathbun and R. J. Owen. 2,042,962; June 2.  
Motor and handpiece, Combined surgical. H. A. White-side. 2,053,056; Sept. 1.  
Motor and lubricating system therefor. C. W. Mapes and Z. C. Bradford. 2,062,920; Dec. 1.  
Motor and lubricating system therefor. C. W. Mapes and Z. C. Bradford. 2,064,070; Dec. 15.  
Motor and making it, Electric. A. G. Redmond. 2,058,109; Oct. 20.  
Motor and mounting therefor. C. L. Kennedy. 2,056,676; Oct. 6.  
Motor arrangement, Spinning centrifugal. S. Odajima. 2,043,552; June 9.  
Motor base. A. W. Mall. 2,040,662; May 12.  
Motorbus construction. R. J. Smith. 2,039,460; May 5.  
Motor car control. W. E. Chance. 2,039,582; May 5.  
Motor car frame, Rigid. G. Brouhiet. 2,027,898; Jan. 14.  
Motor compressor. R. P. Pescara. 2,027,877; Jan. 14.  
Motor compressor. R. P. Pescara. 2,038,442; Apr. 21.  
Motor compressor, Multistage free piston. H. Jänicke. 2,046,631; July 7.  
Motor-compressor unit for refrigerating apparatus. E. L. Horlacher. 2,062,052; Nov. 24.  
Motor-compressor unit for refrigerating apparatus. A. A. McCormack. 2,052,035; Nov. 24.  
Motor control. F. J. Russell. 2,030,470; Feb. 11.  
Motor control. W. J. Zenner. 2,028,641; Jan. 21.  
Motor control, Centralized. L. L. Lustig. 2,048,130; July 21.  
Motor control, Electric. S. J. Harlev. 2,060,437; Nov. 10.



- Motor control, Electric. R. G. Lockett. 2,060,997; Nov. 17.
- Motor control, Self-locking. H. D. R. Lane. 2,031,322; Feb. 18.
- Motor control system. R. M. Bayle. 2,032,107; Feb. 25.
- Motor control system. W. G. Cook. 2,042,169; May 26.
- Motor control system. A. D. Forbes. 2,036,264; Apr. 7.
- Motor control system. L. Franz. 2,056,783; Oct. 6.
- Motor control system. P. B. Harwood. 2,066,106; Dec. 29.
- Motor control system. F. M. Parks. 2,027,247; Jan. 7.
- Motor control system. F. B. Powers. 2,053,440; Sept. 8.
- Motor control system. C. A. H. Watson and F. E. McKinst. 2,044,034; June 16.
- Motor control, System and apparatus for. J. F. Tritle. 2,041,580; May 19.
- Motor control system, Electric. R. G. Lockett. 2,036,486; Feb. 7.
- Motor control system for coiling mechanisms. D. I. Bohn. 2,043,208; June 2.
- Motor control, System of. H. L. Van Valkenburg. 2,049,931; Aug. 4.
- Motor control, Variable speed. B. A. Wittkuhns and F. M. Watkins. 2,064,454; Dec. 15.
- Motor controller. J. M. Newman. 2,057,909; Oct. 20.
- Motor cooling means. E. H. Baker. 2,060,363; Nov. 10.
- Motor cut-off and alarm, Automatic. E. H. Hilty and H. F. Umstott. 2,062,905; Dec. 1.
- Motorcycle body, Streamline. O. R. Courtney. 2,035,462; Mar. 31.
- Motorcycle control, Abreast. F. F. Jungkuns. 2,061,944; Nov. 24.
- Motor drive for disk fans, Direct. A. O. Hurxthal. 2,050,180; Aug. 4.
- Motor drive for toy trucks or the like. O. Wulfert. 2,054,644; Sept. 15.
- Motor drive, Synchronous. E. G. Parvin. 2,041,510; May 19.
- Motor driven system. G. B. Starie. 2,050,863; Aug. 11.
- Motor for lubricant pumps, Pneumatic. E. W. Davis. 2,060,180; Nov. 10.
- Motor for lubricating pumps. H. C. Roth. 2,059,708; Nov. 3.
- Motor for pressing machines and the like. J. M. Dewey. 2,055,815; Sept. 29.
- Motor for pressure recording bombs, Spring hydraulic. H. V. Steadman. 2,055,420; Sept. 22.
- Motor for sandpapering machines or the like, Fluid operated. V. Lobasso. 2,061,082; Nov. 17.
- Motor generator. W. A. Pace. 2,038,954; Apr. 28.
- Motor-generator, Thermoelectric. R. J. Mathias. 2,031,967; Feb. 25.
- Motor-inductor alternator, Direct-current. F. W. Merrill. 2,054,678; Sept. 15.
- Motor mechanism. A. Alsaker and M. Stene. 2,054,117; Sept. 15.
- Motor mount. B. D. Kunkle. 2,042,666; June 2.
- Motor operated pump, Current. W. F. Kammer. 2,058,591; Oct. 27.
- Motor operated valve. N. T. Branche. 2,052,918; Sept. 1.
- Motor or pump, Rotary. F. W. Scharf. 2,029,590; Feb. 4.
- Motor-pump assembly, Unitary. R. T. Smith and F. L. Tarleton. 2,043,215; June 2.
- Motor-pump unit. I. M. Hayward. 2,056,936; Oct. 13.
- Motor resistance heater. R. J. Parsons and J. W. Conway. 2,040,951; May 19.
- Motor retard. F. G. Hawney. 2,059,345; Nov. 3.
- Motor secondary, Induction. W. J. Morrill. 2,037,532; Apr. 14.
- Motor speed control apparatus. J. T. Needham. 2,047,285; July 14.
- Motor starting switch. S. Svenson. 2,054,957; Sept. 22.
- Motor starting system. A. B. Rypinski. 2,047,228; July 14.
- Motor support. R. O. Dehlendorf and J. A. Rodgers. 2,057,370; Oct. 13.
- Motor table. P. R. Prosser. 2,056,329; Oct. 6.
- Motor timing method and apparatus. J. D. Morgan. 2,043,931; June 9.
- Motor unit, Electric. A. N. Sammarone. 2,039,456; May 5.
- Motor unit, Hydraulic. L. L. Schauer. 2,056,909-10; Oct. 6.
- Motor vehicle. A. J. Ewens. 2,065,437; Dec. 22.
- Motor vehicle appliance. W. Henry. 2,043,171; June 2.
- Motor vehicle brake. G. L. Cotter. 2,035,047; Mar. 24.
- Motor vehicle brake. H. Ford. 2,051,474; Aug. 18.
- Motor vehicle chassis frame. W. F. Zabriskie. 2,065,005; Dec. 22.
- Motor vehicle clutch. L. L. Curcuro. 2,043,794; June 9.
- Motor vehicle signal. C. W. Huotari. 2,040,382; May 12.
- Motor with disk-wound stator and rotor, Induction. J. W. Swendsen. 2,045,734; June 30.
- Motor with low voltage lighting taps, Electric. J. M. Naul. 2,064,630; Dec. 15.
- Motorized unit. R. F. Symonds. 2,052,674; Sept. 1.
- Motors and circuit arrangement therefor, Operating small output alternating current. M. E. Thompson. 2,040,508; May 12.
- Motors, Over-wind prevention device for spring. J. Vass. 2,060,268; Nov. 10.
- Motors, Protective system for polyphase. H. C. Brunner. 2,063,981; Dec. 15.
- Mount, Aircraft engine. E. L. Hoffman. 2,047,963; July 21.
- Mount detecting and segregating device, Defective. J. F. Donovan and J. Flaws. 2,053,137; Sept. 1.
- Mount, Engine. C. E. Hathorn. 2,053,078; Sept. 1.
- Mount, Engine. C. M. Johnson. 2,056,938; Oct. 13.
- Mount, Engine. H. W. Whitaker. 2,057,990; Oct. 20.
- Mount, Flexible gun. R. M. Ferguson. 2,051,034; Aug. 18.
- Mount for airplane instruments, Antivibration. B. G. Carlson. 2,059,312; Nov. 3.
- Mount for anti-aircraft guns. T. A. Conlon and G. W. Beatty. 2,043,989; June 16.
- Mount for cards, etc. L. A. Maclean. 2,042,672; June 2.
- Mount for electric motors, Resilient. H. D. Geyer. 2,044,385; June 16.
- Mount for electron discharge devices. K. Dreyer. 2,065,667; Dec. 29.
- Mount for electron discharge devices. J. Hirmann. 2,055,897; Sept. 29.
- Mount for electron discharge devices. J. Hirmann. 2,058,790; Oct. 27.
- Mount for guns, Telescope. G. M. McCann. 2,036,290; Apr. 7.
- Mount for machine guns. S. H. Negrotto. 2,030,889; Feb. 18.
- Mount, Guard rail. J. R. Ulrich. 2,053,927; Sept. 8.
- Mount, Ophthalmic lens. L. J. Page. 2,062,761; Dec. 1.
- Mount, Phonographic record. H. F. M. Gramann. 2,036,040; Mar. 31.
- Mount, Rubber stamp. S. M. Weissman. 2,049,599; Aug. 4.
- Mount, Spare wheel. C. L. Franklin. 2,063,598; Dec. 8.
- Mount, Wheel, J. F. Whisenand. 2,052,064; Aug. 25.
- Mounting. H. C. Lord. 2,028,549-50; Jan. 21.
- Mounting. T. Lord. 2,037,032; Apr. 14.
- Mounting, Aerial. A. J. Ringzelli. 2,057,980; Oct. 20.
- Mounting and joints therefor. H. C. Lord. 2,028,551; Jan. 21.
- Mounting and locking mechanism, Venetian blind. M. L. Wiener. 2,053,356; Sept. 8.
- Mounting and method, Ophthalmic. F. A. Stevens. 2,036,551; Apr. 7.
- Mounting and parts thereof, Ophthalmic. F. A. Stevens. 2,036,550; Apr. 7.
- Mounting and spring suspension, Automobile engine. N. T. Dietrich. 2,065,665; Dec. 29.
- Mounting and thermoinsulative jacket for vapor electric devices. G. E. Inman. 2,042,153; May 26.
- Mounting, Automobile spring. O. F. Lundelius and M. N. Lefler. 2,042,853; June 2.
- Mounting, Bearing. S. M. Anderson. 2,043,725; June 9.
- Mounting, Bearing. J. L. Brusca. 2,045,896; June 30.
- Mounting, Bearing. A. W. Harris. 2,051,704; Aug. 18.
- Mounting, Camera. A. G. Zimmerman. 2,031,809; Feb. 25.
- Mounting, Capacitor. C. G. Henrikson. 2,038,656; Apr. 28.
- Mounting, Car spring. J. J. Tatum. 2,029,644; Feb. 4.
- Mounting, Clamped axis-locating engine unit. R. S. Trott and W. V. Thelander. 2,063,640; Dec. 8.
- Mounting, Clamped C-spring power plant. R. S. Trott, B. A. Swennes, and K. Miller. 2,063,639; Dec. 8.
- Mounting, Cutter. G. G. Harrington. 2,060,989; Nov. 17.
- Mounting device. L. F. Bachrach. 2,056,338; Oct. 6.
- Mounting, Door. W. W. Eager and C. A. Tierney. 2,043,473; June 9.
- Mounting, Electric lamp. A. F. Wakefield. 2,032,516; Mar. 3.
- Mounting, Electrode. B. C. Malick. 2,063,391; Dec. 8.
- Mounting, Electrode. W. Persch. 2,059,902; Nov. 3.
- Mounting, Endless track. F. A. Fuller and T. A. Snyder. 2,063,035; Dec. 8.
- Mounting, Engine. J. A. Bent. 2,060,784; Nov. 17.
- Mounting, Engine. C. E. Summers. 2,038,968; Apr. 28.
- Mounting, Engine. B. A. Swennes and R. S. Trott. 2,044,649; June 16.
- Mounting, Engine. R. S. Trott. 2,044,023; June 16.
- Mounting, Engine. R. S. Trott. 2,044,713-4; June 16.
- Mounting, Engine. R. S. Trott. 2,056,237; Oct. 6.
- Mounting, Engine. R. S. Trott. 2,056,873; Oct. 6.
- Mounting, Eyed axis-locating engine unit. R. S. Trott and W. V. Thelander. 2,063,064; Dec. 8.
- Mounting, Eyed C-spring powder plant. R. S. Trott, B. A. Swennes, and K. Miller. 2,063,063; Dec. 8.
- Mounting, Fan motor. J. J. Wall. 2,035,733; Mar. 31.
- Mounting, Filament. J. McCullough. 2,040,622; May 12.
- Mounting, Floating. R. A. Weidenbacker. 2,057,507; Oct. 13.
- Mounting, Floating engine. W. C. Edwards, Jr., and W. C. Edwards, 3rd. 2,055,894; Sept. 29.
- Mounting for acoustic devices. G. E. Atkins. 2,036,010; Mar. 31.
- Mounting for amblyscopes. G. A. Hunt. 2,062,029; Nov. 24.
- Mounting for automobiles, Shrouded helical spring. T. H. Thompson. 2,045,031; June 23.
- Mounting for bearings, Self-aligning. W. Messinger. 2,064,352; Dec. 15.
- Mounting for calculating machines, Table. A. Balster. 2,044,559; June 16.
- Mounting for demountable bodies, Shock absorbing. B. F. Fitch. 2,047,954; July 21.
- Mounting for dolls, Eye. J. A. Manning. 2,064,933; Dec. 22.



- Mounting for drill cutters. R. P. Sherman. 2,038,388; Mar. 21.
- Mounting for dynamo-electric machines. H. A. Smith and C. M. Summers. 2,047,838; July 14.
- Mounting for dynamo-electric machines, Field. J. Mannix. 2,026,643; Jan. 7.
- Mounting for electric lamps. D. W. Johnson. 2,054,753; Sept. 15.
- Mounting for electrical circuit cut out or meter panels, Adjustable. S. Hammer. 2,036,044; Mar. 31.
- Mounting for eye sets for dolls, Spring. N. Popovich. 2,037,391; Apr. 14.
- Mounting for guy wire protectors. A. A. Hoher and R. H. Manson. 2,061,307; Nov. 17.
- Mounting for instruments, Antivibration. L. F. Carter. 2,059,313; Nov. 3.
- Mounting for leaf. W. S. Jones. 2,061,942; Nov. 24.
- Mounting for light sensitive devices. P. Haas. 2,031,646; Feb. 25.
- Mounting for marine engines. F. O. Fernstrum. 2,059,220; Nov. 3.
- Mounting for motor vehicles, Wheel axle. J. O. Lemay. 2,034,476; Mar. 17.
- Mounting for motors and the like. G. H. Leland. 2,061,080; Nov. 17.
- Mounting for ophthalmic lenses. G. A. Squier. 2,041,440; May 19.
- Mounting for panels. L. G. Hunter. 2,030,874; Feb. 18.
- Mounting for pulley structures, Pivotal. W. D. Hamerstadt. 2,062,128; Nov. 24.
- Mounting for rail vehicles, Wheel. A. Huguenin. 2,049,118; July 28.
- Mounting for railway vehicle axles, Lateral motion. H. E. Brunner. 2,047,725; July 14.
- Mounting for receptacles, Vaporproof. H. Hubbell, Jr. 2,037,026; Apr. 14.
- Mounting for reflector buttons. H. R. Schutz. 2,032,595; Mar. 3.
- Mounting for reproducing and engraving machines, Stylus. P. M. Henkes. 2,026,893; Jan. 7.
- Mounting for rimless eyeglasses, Ophthalmic. W. E. McDonnell. 2,060,421; Nov. 10.
- Mounting for rimless lenses. C. R. Essick. 2,031,530; Feb. 18.
- Mounting for rings. J. E. Lemmon. 2,041,075; May 19.
- Mounting for rock drills. C. C. Hansen. 2,030,512; Feb. 11.
- Mounting for rotating devices. H. C. Lord and T. Lord. 2,032,707; Mar. 3.
- Mounting for separable fasteners. L. Rocke. 2,064,180; Dec. 15.
- Mounting for signaling devices and the like. R. S. Edwards. 2,041,995; May 26.
- Mounting for the crystal of a wrist watch casing. J. Goldblatt. 2,029,769; Feb. 4.
- Mounting for trolley wheels, Reversible. J. C. Wilson. 2,028,637; Jan. 21.
- Mounting for typewriting machines, Key lever. W. Gebauer. 2,059,574; Nov. 3.
- Mounting for vehicle wheels. F. B. Bell. 2,064,404; Dec. 15.
- Mounting for vehicle wheels. E. C. Spiegler and F. J. Kudrna, Jr. 2,038,011; Apr. 21.
- Mounting for vehicles, Power plant. R. Thompson. 2,048,959; July 28.
- Mounting for weighing scales, Platform. C. O. Ross. 2,054,447; Sept. 15.
- Mounting for wiring devices. M. N. Russell. 2,064,083; Dec. 15.
- Mounting, Globe. R. R. Dupler. 2,027,156; Jan. 7.
- Mounting, Hub cap. H. J. Horn. 2,026,786; Jan. 7.
- Mounting, Individual wheel. W. G. Wall. 2,039,041; Apr. 28.
- Mounting, Interrupter. M. E. Nulsen and I. M. Slater. 2,049,310; July 28.
- Mounting, Laminated rubber. E. O. Schjolin. 2,063,758; Dec. 8.
- Mounting, Loudspeaker. W. A. Ellmore. 2,060,666; Nov. 10.
- Mounting, Machine. W. E. Johnson. 2,063,682; Dec. 8.
- Mounting, Magneto. E. McCormick. 2,037,083; Apr. 14.
- Mounting means. H. A. Douglas. 2,057,885; Oct. 20.
- Mounting means for automobile doorlocks. E. N. Jacobi. 2,040,258; May 12.
- Mounting means for electric snap switches. A. W. Krieger. 2,062,006; Nov. 24.
- Mounting, Meter. W. M. Bradshaw and W. G. Mylius. 2,030,094; Feb. 11.
- Mounting, Milling machine spindle. F. M. Davis. 2,065,173; Dec. 22.
- Mounting, Motor. W. Feldermann. 2,051,033; Aug. 18.
- Mounting, Motor. R. K. Lee. 2,034,764; Mar. 24.
- Mounting, Motor. H. T. Woolson. 2,041,506; May 19.
- Mounting, Motor. H. T. Woolson. 2,052,009; Aug. 25.
- Mounting of aircraft guns. E. Knoller. 2,047,074; July 7.
- Mounting of wells for indicating and recording apparatus. T. B. Prickett. 2,047,223; July 14.
- Mounting, Ophthalmic. N. M. Baker. 2,049,102; July 28.
- Mounting, Ophthalmic. F. R. Bishop. 2,063,657; Dec. 8.
- Mounting, Ophthalmic. T. E. Bosworth. 2,047,938; July 21.
- Mounting, Ophthalmic. S. E. Bouchard. 2,035,785; Mar. 31.
- Mounting, Ophthalmic. C. E. H. Collander. 2,051,542-4; Aug. 18.
- Mounting, Ophthalmic. C. O. Cozzens. 2,049,107; July 28.
- Mounting, Ophthalmic. L. L. Gagnon. 2,050,525; Aug. 11.
- Mounting, Ophthalmic. G. A. Ellestad. 2,058,673; Oct. 27.
- Mounting, Ophthalmic. G. A. Ellestad. 2,065,671; Dec. 29.
- Mounting, Ophthalmic. G. A. Ellestad and C. G. Salmon. 2,064,376; Dec. 15.
- Mounting, Ophthalmic. L. Grossman. 2,065,935; Dec. 29.
- Mounting, Ophthalmic. F. Hamilton. 2,035,805; Mar. 31.
- Mounting, Ophthalmic. R. J. Hauser. 2,061,400; Nov. 17.
- Mounting, Ophthalmic. H. F. Keller. 2,046,268; June 30.
- Mounting, Ophthalmic. O. W. Lee. 2,051,996; Aug. 25.
- Mounting, Ophthalmic. B. J. Lowres. 2,058,025; Oct. 20.
- Mounting, Ophthalmic. G. F. Marciano. 2,036,591; Apr. 7.
- Mounting, Ophthalmic. L. C. Martin. 2,034,406; Mar. 17.
- Mounting, Ophthalmic. L. C. Martin. 2,045,916; June 30.
- Mounting, Ophthalmic. L. C. Martin. 2,060,094; Nov. 10.
- Mounting, Ophthalmic. C. G. Salmon. 2,048,469; July 21.
- Mounting, Ophthalmic. W. S. Searles. 2,048,298; July 21.
- Mounting, Ophthalmic. E. M. Splaine. 2,055,914; Sept. 29.
- Mounting, Ophthalmic. E. M. Splaine. 2,057,697; Oct. 20.
- Mounting, Ophthalmic. F. A. Stevens. 2,036,552; Apr. 7.
- Mounting, Ophthalmic. H. H. Styll and L. L. Gagnon. 2,043,842-3; June 9.
- Mounting, Ophthalmic. J. A. Sweeney. 2,037,284; Apr. 14.
- Mounting, Ophthalmic. A. O. Yoe. 2,045,508; June 23.
- Mounting, Ophthalmic. J. C. Wells. 2,062,342; Dec. 1.
- Mounting, Optical. E. Pappert and H. M. Smith. 2,061,847; Nov. 24.
- Mounting, Oscillator. R. L. Williams. 2,033,165; Mar. 10.
- Mounting, Pin. A. Langsner and W. H. Lerch. 2,065,472; Dec. 22.
- Mounting, Pin. L. F. Parr. 2,064,941; Dec. 22.
- Mounting plug. J. Sinko. 2,061,811; Nov. 24.
- Mounting, Printing plate. W. F. Brüggmann. 2,061,058; Nov. 17.
- Mounting, Rear engine. J. H. Keller. 2,039,007; Apr. 28.
- Mounting, Removable roller. A. Fineberg. 2,054,194; Sept. 15.
- Mounting, Reservoir. J. D. Cartin. 2,031,693; Feb. 25.
- Mounting, Resilient motor. C. Saurer. 2,034,639; Mar. 17.
- Mounting, Rheostat. N. C. Schellenger. 2,059,813; Nov. 3.
- Mounting, Rock drill. E. G. Gartin. 2,062,991; Dec. 1.
- Mounting, Roll. W. B. Moore. 2,032,490; Mar. 3.
- Mounting, Shockless. M. W. Kenney and A. R. Constantine. 2,041,353; May 19.
- Mounting, Single insulator fuse. A. G. Steinmayer. 2,028,421; Jan. 21.
- Mounting, Sport ophthalmic. W. S. Searles. 2,027,123; Jan. 7.
- Mounting strip for cards and the like. F. Brodsky. 2,051,677; Aug. 18.
- Mounting, Switch or outlet box. R. E. Habel. 2,045,594; June 30.
- Mounting, Swivel chair. W. F. Herold. 2,058,451; Oct. 27.
- Mounting, Swivel chair. W. F. Herold. 2,060,075; Nov. 10.
- Mounting, Telescopic gunsight. H. V. Doe. 2,043,430; June 9.
- Mounting, Thermostat. W. H. Radford. 2,032,069; Feb. 25.
- Mounting, Torque spring power plant. R. S. Trott, B. A. Swennes, and K. Miller. 2,063,638; Dec. 8.
- Mounting, Truck frame. F. E. Bachman. 2,047,248; July 14.
- Mounting unit, Resilient. H. D. Geyer. 2,026,625; Jan. 7.
- Mounting, Vehicle door. F. M. Smith. 2,050,469; Aug. 11.
- Mounting, Vehicle seat. W. J. McNabb. 2,039,818; May 5.
- Mounting, Vehicle spring. E. Shay. 2,052,039; Aug. 25.
- Mounting, Vehicle tail lamp. B. H. Anibal. 2,054,919; Sept. 22.
- Mounting, Vibratory diaphragm horn. P. C. Reck. 2,026,654; Jan. 7.
- Mounting, Window. H. L. Graves. 2,051,638; Aug. 18.
- Mounting, Window frame. J. L. Herwood. 2,035,477; Mar. 31.
- Mouse trap. J. Garling. 2,052,345; Aug. 25.
- Mouthpiece. B. A. Cavazza. 2,061,550; Nov. 24.
- Mouthpiece. F. C. Kauffmann. 2,045,658; June 30.
- Mouthpiece. W. T. Parkin. 2,045,674; June 30.
- Mouthpiece for bottles. I. J. Wershay. 2,059,070; Oct. 27.
- Mouth prop. C. Engelfried. 2,061,936; Nov. 24.
- Mouth spreader. H. O. von Rosenberg. 2,041,034; May 19.
- Mouth treating composition. O. S. Fowler. 2,027,374; Jan. 14.



- Movable members, Apparatus for operating. G. Liwschütz. 2,065,473; Dec. 22.
- Movable members, Packing. G. B. Vroom. 2,036,308; Apr. 7.
- Movement checking mechanism. L. M. Stuart. 2,042,280; May 26.
- Movement measuring recorder. F. Sawford. 2,040,501; May 12.
- Moving and changing sign. A. Chiti. 2,028,496; Jan. 21.
- Moving coil voltage regulator. E. D. T. Norris. 2,030,606; Feb. 11.
- Mower. R. S. Kinkad. 2,063,168; Dec. 8.
- Mower attachment, Lawn. F. T. Harrigan. 2,031,038; Feb. 18.
- Mower blade blanks, Apparatus for forming lawn. T. B. Funk and H. D. Corwin. 2,046,619; July 7.
- Mower, Gang lawn. J. S. Clapper. 2,057,417; Oct. 13.
- Mower, Gang lawn. C. C. Worthington. 2,032,784; Mar. 3.
- Mower, Gang lawn. C. C. Worthington. 2,058,048; Oct. 20.
- Mower, Grass and weed. A. F. Macconochie. 2,042,854; June 2.
- Mower, Lawn. J. S. Campbell. 2,032,650; Mar. 3.
- Mower, Lawn. G. Hunter. 2,045,857; June 30.
- Mower, Lawn. F. A. Lönnerberg. 2,058,382; Oct. 20.
- Mower, Lawn. C. E. Nelson. 2,061,003; Nov. 17.
- Mower, Lawn. H. B. Newton. 2,029,498; Feb. 4.
- Mower, Lawn. L. O. E. Roessel. 2,056,369; Oct. 6.
- Mower, Lawn. J. P. Schielein. 2,053,535; Sept. 8.
- Mower, Lawn. H. J. Stegeman. 2,045,497; June 23.
- Mower, Lawn. J. A. Waller. 2,063,067-8; Dec. 8.
- Mower, Lawn. E. H. Worthington. 2,049,883; Aug. 4.
- Mower pitman bearing housing assembly. O. C. Ankeny. 2,056,946; Oct. 13.
- Mower pitman straps, Device for opening. A. L. Warner. 2,060,150; Nov. 10.
- Mower, Power lawn. E. S. George and H. L. Blydenburgh. 2,041,126; May 19.
- Mower, Power lawn. F. T. Irgens. 2,055,724; Sept. 29.
- Mower, Rotary. L. O. Hanson. 2,038,284; Apr. 21.
- Mower sections, Making under-serrated. A. L. Warner. 2,047,300; July 14.
- Mowers, Adjusting and driving mechanism for tractor. S. E. Hilblom. 2,052,294; Aug. 25.
- Mowers, Attachment for lawn. C. H. Welf. 2,053,506; Sept. 8.
- Mowers, Attachment for standard lawn. R. Jones. 2,032,701; Mar. 3.
- Mowing and spraying apparatus. K. L. Keller. 2,044,884; June 23.
- Mowing apparatus. J. S. Clapper. 2,060,280; Nov. 10.
- Mowing attachment for trucks. H. W. Leavitt. 2,065,901; Dec. 29.
- Mowing machines, Attachment for. J. A. Dryden. 2,034,801; Mar. 24.
- Mucking and loading machine. S. L. Wixson and B. Williams. 2,063,214; Dec. 8.
- Mud-hook for motor vehicle tires. H. E. Cummings. 2,035,299; Mar. 24.
- Mud saver or box. H. C. Welch. 2,032,642; Mar. 3.
- Muff, Ear. E. W. Hermann. 2,030,790; Feb. 11.
- Muff device. F. P. Kobert. 2,044,504; June 16.
- Muffler. L. R. Heath. 2,034,186; Mar. 17.
- Muffler. C. Hollerith. 2,054,324; Sept. 15.
- Muffler. E. C. Horton. 2,055,453; Sept. 22.
- Muffler. R. J. MacKenzie and L. L. Haas. 2,065,232; Dec. 22.
- Muffler. J. Newman. 2,062,141; Nov. 24.
- Muffler. P. G. Peik. 2,059,487; Nov. 3.
- Muffler. H. S. Powell. 2,060,116; Nov. 10.
- Muffler. W. H. Rose. 2,055,560; Sept. 29.
- Muffler. W. T. Scarritt. 2,035,923; Mar. 31.
- Muffler. H. V. Shebat. 2,034,119; Mar. 17.
- Muffler. W. E. Spicer. 2,046,193; June 30.
- Muffler. G. C. Starkweather and L. L. Haas. 2,047,442-3; July 14.
- Muffler. B. L. Vipond. 2,037,102; Apr. 14.
- Muffler. E. E. Wilson. 2,058,932; Oct. 27.
- Muffler. W. A. Wood and J. O. Almen. 2,027,359; Jan. 7.
- Muffler, Automobile exhaust. T. A. Duffy. 2,004,839; June 23.
- Muffler, Carburetor. G. M. Hartsock. 2,061,903; Nov. 24.
- Muffler construction. R. J. MacKenzie and L. L. Haas. 2,055,661; Sept. 29.
- Muffler, Exhaust. R. A. Moore and J. Mitchell. 2,065,343; Dec. 22.
- Muffler, Fluid. H. H. Bixler. 2,063,658; Dec. 8.
- Muffler for aircraft. F. P. Davis. 2,046,252; June 30.
- Muffler for internal combustion engines. S. S. Hanson. 2,045,135; June 23.
- Muffler, Intake. W. E. Johnson. 2,058,990; Oct. 27.
- Muffler or scarf. E. D. Morgan. 2,048,880; July 28.
- Muffler, Suction producing. E. C. Horton. 2,045,142; June 23.
- Muffler, Vacuum. E. G. Gunn. 2,047,775; July 14.
- Mulch and method of using the same. F. W. Sperr, Jr. 2,029,343; Feb. 4.
- Muller type mixer. A. G. J. Rapp and A. G. Granath. 2,049,866; Aug. 4.
- Multicameral collapsible container. F. W. Nitardy and W. Erhard. 2,058,251; Oct. 20.
- Multicolumn selector. E. Rose. 2,032,766; Mar. 3.
- Multicompartment container. H. Schneider. 2,032,153; Feb. 25.
- Multicylinder reciprocating piston machine. C. Schaer. 2,056,622; Oct. 6.
- Multipilot controlled valve. H. A. Mantz. 2,045,664; June 30.
- Multiple-acting overrunning clutch. A. H. Jessen. 2,065,938; Dec. 29.
- Multiple aerial switch. C. E. Gerhard. 2,062,172; Nov. 24.
- Multiple container. F. Reichel. 2,046,751; July 7.
- Multiple feed lubricator. F. B. Farnsworth. 2,057,643; Oct. 13.
- Multiple hull extractor. J. J. Wallace. 2,049,333; Aug. 4.
- Multiple laundry press. L. M. Kahn. 2,045,148; June 23.
- Multiple operation machine. F. M. Davis. 2,033,686; Mar. 10.
- Multiple purpose chair, Convertible. E. J. Mallett. 2,065,233; Dec. 22.
- Multiple rate meter. J. Wenk. 2,037,447; Apr. 14.
- Multiple rolling tool. G. R. Maupin. 2,040,440; May 12.
- Multiple speed motor. H. M. Stoller. 2,041,875; May 26.
- Multiple spindle drill. H. I. Lewis and F. W. Seybold. 2,044,709; June 16.
- Multiple switch. J. Brustlein. 2,028,587; Jan. 21.
- Multiple tool woodworking machine. J. A. Hirtz, Sr. 2,045,853; June 30.
- Multiple transfer press. A. J. Lewis. 2,049,915; Aug. 4.
- Multiple unit tube. T. C. Prouty. 2,064,354; Dec. 15.
- Multiple-way valve. P. Van Sittert. 2,054,346; Sept. 15.
- Multiplier, Dynamic. J. H. Hammond, Jr. 2,042,988; June 2.
- Multiplying gear. F. von Schütz. 2,037,356; Apr. 14.
- Multiplying machine. G. F. Daly. 2,045,437; June 23.
- Multiport plate type valve. A. L. Riche. 2,047,131; July 7.
- Multirange regenerative receiver. J. Winkler. 2,052,686; Sept. 1.
- Multiscale indicator. S. C. Hayward. 2,051,851; Aug. 25.
- Multispeed geared motor. W. P. Schmitter and L. A. Graham. 2,065,753; Dec. 29.
- Multistage hydraulic coupling. C. Stedefeld. 2,063,471; Dec. 8.
- Multunit container. F. N. Jones and E. E. Hodgkin. 2,052,475; Aug. 25.
- Muscles and developing fusion, Balancing and strengthening of ocular. R. W. Smith. 2,057,066; Oct. 13.
- Mushroom spawn and making it. J. W. Sinden. 2,044,861; June 23.
- Mushrooms, Growing. E. B. Lambert and H. Humfeld. 2,060,223; Nov. 10.
- Mushrooms, Producing. H. and H. Knaust. 2,034,678; Mar. 17.
- Music, Apparatus for the production of. B. F. Miessner. 2,027,074; Jan. 7.
- Music, Apparatus for the production of. B. F. Miessner. 2,033,440; Mar. 10.
- Music, Method and apparatus for the production of. C. T. Jacobs. 2,027,075; Jan. 7.
- Music, Method and apparatus for the production of. B. F. Miessner. 2,045,917; June 30.
- Music notation device, Elementary. C. H. Randolph. 2,063,269; Dec. 8.
- Music reading, Device for teaching. A. F. Harbo. 2,063,501; Dec. 8.
- Music transmission, Electric. G. von Arco and F. Schröter. 2,065,774; Dec. 29.
- Music typing machine. R. H. Keaton. 2,047,690; July 14.
- Musical instrument. W. Bartholomae. 2,055,474; Sept. 29.
- Musical instrument. T. O. Canatsey. 2,037,312; Apr. 14.
- Musical instrument. G. C. Haium. 2,033,826; Mar. 10.
- Musical instrument. L. A. Loar. 2,046,332-3; July 7.
- Musical instrument. B. Minevitch. 2,035,243; Mar. 24.
- Musical instrument. V. A. Pfeil. 2,048,515; July 21.
- Musical instrument. W. J. Quemore. 2,043,121; June 2.
- Musical instrument. M. L. Severy. 2,045,877-8; June 30.
- Musical instrument. E. O. Smullin. 2,039,985; May 5.
- Musical instrument. H. Stanley and V. J. Moir. 2,029,135; Jan. 28.
- Musical instrument. J. Williams. 2,060,357; Nov. 10.
- Musical instrument. G. Yungblut. 2,045,172; June 23.
- Musical instrument, Electrical. L. E. A. Bourn. 2,032,044; Feb. 25.
- Musical instrument, Electrical. R. C. Fisher. 2,055,719; Sept. 29.
- Musical instrument, Electrical. W. E. Kock. 2,046,463; July 7.
- Musical instrument, Electrical. N. Langer. 2,035,238; Mar. 24.
- Musical instrument, Electrical. N. Langer. 2,039,651; May 5.
- Musical instrument, Electrical. N. Langer. 2,044,360; June 16.
- Musical instrument, Electrical. E. D. Lilja. 2,049,616; Aug. 4.
- Musical instrument, Electrical. R. H. Ranger. 2,039,659; May 5.
- Musical instrument, Electricity-controlled. O. Vierling. 2,027,073; Jan. 7.
- Musical instrument of toy organ. W. Kratt. 2,038,741; Apr. 28.



- Musical instrument, Reed. H. W. Pedler. 2,036,492; Apr. 7.
- Musical instrument string. C. B. Gray. 2,049,769-70; Aug. 4.
- Musical instrument, String. F. Turner. 2,042,080; May 26.
- Musical instrument, Stringed. E. Blanchette. 2,048,592; July 21.
- Musical instrument, Stringed. R. Dopyera. 2,027,723; Jan. 14.
- Musical instrument, Stringed. R. Dopyera. 2,045,265; June 23.
- Musical instrument, Stringed. G. D. Hambrecht and J. W. Paine. 2,031,706; Feb. 25.
- Musical instrument, Stringed. L. A. Loar. 2,046,331; July 7.
- Musical instrument with amplifier, Stringed. T. Korhonen. 2,039,227; Apr. 28.
- Musical instrument with electric sound reproduction system. N. A. Palmgren. 2,032,435; Mar. 3.
- Musical instruments, Attachment for. E. F. Schulz. 2,040,633; May 12.
- Musical instruments, Neck straightening device for. A. B. Low. 2,056,474; Oct. 6.
- Musical sound effects, Producing. W. Osborne. 2,059,898; Nov. 3.
- Musical sounds by electrical means, Arrangement for the production of. F. Trautwein. 2,039,201; Apr. 28.
- Musical sounds electrically, Producing. G. Smiley. 2,036,892; Apr. 7.
- Musical system, Photoelectric. I. Eremeeff. 2,031,764; Feb. 25.
- Musical tone modulator. D. Annese. 2,037,359; Apr. 14.
- Musical tones, Synthesis of. R. H. Ranger. 2,035,836; Mar. 31.
- Mute for stringed musical instrument. F. Q. Miranda. 2,030,220; Feb. 11.
- Muzzle. F. S. Streever. 2,056,493; Oct. 6.
- Nail. J. M. Upton. 2,058,273; Oct. 20.
- Nail and making same. H. S. Stronach. 2,044,740; June 16.
- Nail, Concealed roofing. C. Bugher. 2,057,003; Oct. 13.
- Nail file. J. W. Gerow. 2,026,970; Jan. 7.
- Nail pulling device. L. E. Berry and K. C. Loehr. 2,056,339; Oct. 6.
- Nail, Roofing. J. C. Alpeters. 2,048,093; July 21.
- Nail, Roofing. E. M. Tucker. 2,048,234; July 21.
- Nail stripper. E. C. Follett and A. W. Heater. 2,041,057; May 19.
- Nail-supplying apparatus. F. L. MacKenzie. 2,053,345; Sept. 8.
- Nailing machine. J. W. Ashley. 2,033,221; Mar. 10.
- Nailing machine. J. A. Prochietto. 2,058,034; Oct. 20.
- Name plate and holder, Reversible. A. C. Brookey. 2,027,086; Jan. 7.
- Names, advertisements, and the like, Device for successively exhibiting spaced. P. W. Forrest. 2,047,865; July 14.
- Naphtha cleansing plant. R. C. Baxter and L. D. Stewart. 2,051,126; Aug. 18.
- Naphtha, Debutanization of. J. R. Schonberg and W. E. Robinson. 2,049,027; July 28.
- Naphtha, Purifying. F. M. Archibald and P. Janssen. 2,035,449; Mar. 31.
- Naphtha, Treating. A. A. Wells. 2,036,166; Mar. 31.
- Naphthalene derivatives. M. Wyler and R. W. Kersey. 2,063,211; Dec. 8.
- Naphthalene polycarboxylic acid derivative and preparing the same. M. Wyler. 2,063,286; Dec. 8.
- Naphthas, Desulphurizing and treating. C. B. Watson. 2,064,999; Dec. 22.
- Napkin dispenser. P. H. Horwitt. 2,053,791; Sept. 8.
- Napkin dispenser, Drawer type. J. O. Hunt and C. S. Carter. 2,034,516; Mar. 17.
- Napkins, Scallop paper. B. G. Bialkowsky. 2,064,406; Dec. 15.
- N-aralkyl-amino-phenols, Producing. M. A. Dahlen, R. C. Clarkson, and M. E. P. Friedrich. 2,063,151; Dec. 8.
- Narcotic, Rectal. E. Goth. 2,027,905; Jan. 14.
- Narcotic, Rectal. E. Goth. 2,048,066; July 21.
- Nasal filter. H. J. Weaver. 2,046,664; July 7.
- Nasal inhaler. C. B. Strauch. 2,057,397; Oct. 13.
- Naught mechanism for use in ten key adding machines. H. Satukangas. 2,042,909; June 2.
- Navigating instrument. F. H. Hagner. 2,064,062; Dec. 15.
- Navigating instrument. E. J. Willis. 2,064,236; Dec. 15.
- Navigation instrument. E. H. Ashlock. 2,051,810; Aug. 25.
- Navigation instrument. F. L. G. Kollmorgen. 2,037,030; Apr. 14.
- Navigational guide system. J. H. Hammond, Jr. 2,027,527-30; Jan. 14.
- Navigational guide system. J. H. Hammond, Jr. 2,062,003; Nov. 24.
- Navigational instrument. R. W. Bockius. 2,027,368; Jan. 14.
- Navigational instrument. H. M. Jensen. 2,026,537; Jan. 7.
- Navigational instrument. H. M. Jensen. 2,064,917; Dec. 22.
- N-dihydro-1:2:2':1'-anthraquinone amines, Halogenating. F. W. Peck and R. J. Sobatzki. 2,061,249; Nov. 17.
- Nebulizer. B. S. Paschall. 2,063,397; Dec. 8.
- Neck and antitheft assembly for gas tanks, Filling. P. T. Mann. 2,052,782; Sept. 1.
- Neck finish with a thread hang-up, Producing a. N. R. Beck. 2,044,115; June 16.
- Neck protector. I. M. Vaughn. 2,066,084; Dec. 29.
- Necktie. J. H. Brown. 2,043,527; June 9.
- Necktie. W. Coplan. 2,033,569; Mar. 10.
- Necktie. O. Costantini. 2,040,297; May 12.
- Necktie. J. Fallar and F. M. Richardson. 2,034,652; Mar. 17.
- Necktie. O. D. Kelser. 2,040,386; May 12.
- Necktie. W. A. Keys. 2,061,630; Nov. 24.
- Necktie. J. W. Less. 2,063,512; Dec. 8.
- Necktie. W. H. Ve Relle. 2,045,679; June 30.
- Necktie. W. H. Ve Relle. 2,048,829; July 28.
- Necktie. J. Weisbaum. 2,051,322; Aug. 18.
- Necktie, Adjustable. W. Mayer. 2,043,055; June 2.
- Necktie, Adjustable. W. Mayer. 2,045,279; June 23.
- Necktie, Adjustable. W. Mayer. 2,045,281; June 23.
- Necktie and making the same. J. W. Less. 2,063,511; Dec. 8.
- Necktie and retainer therefor. A. J. Strauss and J. E. Huhn. 2,035,847; Mar. 31.
- Necktie and the manufacture thereof. C. W. Nyström. 2,063,695; Dec. 8.
- Necktie box. H. M. Levy. 2,057,838; Oct. 20.
- Necktie construction. S. Berger. 2,052,161; Aug. 25.
- Necktie construction. W. Mayer. 2,029,180-1; Jan. 28.
- Necktie construction. W. Mayer. 2,045,280; June 23.
- Necktie forming device. C. P. Green. 2,038,786; Apr. 28.
- Necktie, Four-in-hand. F. S. Bowden. 2,056,443; Oct. 6.
- Necktie, Four-in-hand. S. L. and M. L. Samter and J. A. McCarthy. 2,066,126; Dec. 29.
- Necktie holder. J. Mast. 2,042,903; June 2.
- Necktie holder. E. S. Mix. 2,030,756; Feb. 11.
- Necktie holder. E. S. Mix. 2,037,861; Apr. 21.
- Necktie holder. E. S. Mix. 2,039,022; Apr. 28.
- Necktie holder. A. F. Reilly. 2,038,448; Apr. 21.
- Necktie, Preformed. H. Wagenfeld. 2,052,522; Aug. 25.
- Necktie, Washable rubber. H. C. Kola. 2,038,365; Apr. 21.
- Neckties, Stitching. C. Schramm. 2,065,754; Dec. 29.
- Needle. T. H. De Spain. 2,041,674; May 19.
- Needle bar retracting mechanism for flat knitting machines. J. Haines, Jr., and H. F. Paget. 2,040,047; May 5.
- Needle bearing spring and mounting means. H. A. Taplin. 2,037,156; Apr. 14.
- Needle bearing spring and mounting means. H. A. Taplin. 2,042,811; June 2.
- Needle for grain and corn binders, Steel. A. Kowalsky. 2,034,910; Mar. 24.
- Needle for use in making rugs and for other purposes. K. W. Jones. 2,053,721; Sept. 8.
- Needle guard for sewing machines. W. Jacobson. 2,050,095; Aug. 4.
- Needle guard, Sewing machine. M. B. Sklar. 2,065,031; Dec. 22.
- Needle, Knitting. E. J. Leboff and H. N. Levowich. 2,061,282; Nov. 17.
- Needle, Knitting. A. L. Le Febvre. 2,059,968; Nov. 3.
- Needle, Latch knitting. C. L. Page. 2,044,324; June 16.
- Needle lubricating mechanism. H. E. Elliott. 2,051,250; Aug. 18.
- Needle protector. J. H. Adams. 2,040,289; May 12.
- Needle protector for knitting machines. A. E. Page. 2,036,093; Mar. 31.
- Needle receptacle. J. A. Hogarth. 2,037,628; Apr. 14.
- Needle, Self-lubricating inflating. W. W. De Laney. 2,026,933; Jan. 7.
- Needle, Sound reproducing or recording. L. E. Turner. 2,026,760; Jan. 7.
- Needle support for knitting machines. R. H. Lawson. 2,050,060; Aug. 4.
- Needle syringe equipment. G. N. Hein. 2,034,294; Mar. 17.
- Needle threader. C. A. Carlson. 2,059,680; Nov. 3.
- Needle-threader. D. H. Chason. 2,033,755; Mar. 10.
- Needle threader. A. Hrivnak. 2,042,403; May 26.
- Needled fabric. T. S. McDermott. 2,059,132; Oct. 27.
- Needles, Method and machine for making knitting. A. Hofmann. 2,041,547; May 19.
- Negative carrier for photographic printing machines. H. E. Saunders. 2,041,373; May 19.
- Negative glow lamp. A. F. Henninger, Jr. 2,057,522; Oct. 13.
- Negative holder. H. C. Jones. 2,026,836; Jan. 7.
- Negatives, Apparatus for making. F. T. Powers. 2,044,184; June 16.
- Negatives with photographic images thereon of enhanced quality, Production of. A. E. Field. 2,027,271; Jan. 7.
- Neon illuminating unit for traffic indicators. H. L. Carey. 2,044,464; June 16.
- Neon sign. W. G. Green. 2,059,451; Nov. 3.
- Neon tube support. A. B. McMahan. 2,026,949; Jan. 7.
- Nerve testing device. J. A. Korengold. 2,053,086; Sept. 1.
- Nest, Hen's. C. D. Firster. 2,056,425; Oct. 6.
- Nest, Poultry. W. A. Russell. 2,059,400; Nov. 3.
- Nest, Sanitary. O. Anderson. 2,040,457; May 12.
- Nest, Trap. E. W. Johnson. 2,049,121; July 28.
- Nesting box. N. Tufts and E. T. Johnson. 2,061,414; Nov. 17.
- Nesting box with stacking irons. N. Tufts and E. T. Johnson. 2,029,746; Feb. 4.



- Net and basket, Combination fish. R. K. Pratt, Sr. 2,057,055; Oct. 13.
- Net, Fisherman's landing. B. H. Smith. 2,040,714; May 12.
- Net for tennis courts and the like, Boundary. 2,048,889; July 28.
- Net, Laundry. R. L. Dickey. 2,064,594; Dec. 15.
- Net, Lifesaving. C. C. Lenz. 2,066,182; Dec. 29.
- Net making machine. M. R. Romanov. 2,036,774; Apr. 7.
- Net, Upwardly swelling fishing. O. Dahl and W. F. Black. 2,064,296; Dec. 15.
- Network distribution system. R. E. Powers and H. R. Searing. 2,042,187; May 26.
- Network protector. M. A. Bostwick. 2,044,148; June 16.
- N-ethyl, n-ethylol cresidine and producing same. A. W. Baldwin, R. W. Everatt, and A. H. Knight. 2,060,845; Nov. 17.
- Neutralization. R. T. Howes. 2,047,475; July 14.
- News and advertising exhibiting. C. W. Brenn. 2,064,190; Dec. 15.
- News mechanism for printing machines, Late. C. G. Quick and T. R. Bennett. 2,051,573; Aug. 18.
- Newspaper sound record supplement. W. G. H. Finch. 2,063,870; Dec. 8.
- News printing machine, Late. H. A. W. Wood. 2,032,607; Mar. 3.
- N-hydroxy-aminoalkyl substituted alkylene diamines. R. R. Bottoms. 2,046,720; July 7.
- Nickel alloy of low gas content. D. W. Randolph. 2,036,497; Apr. 7.
- Nickel and nickel alloys, Making carbonized. W. F. Dester. 2,051,828; Aug. 25.
- Nickel, Purifying. R. M. V. Perrin. 2,049,721; Aug. 4.
- Nicotinum salts and their production. S. H. Dakeshott. 2,048,885; July 28.
- Nipple and bottle holder. F. Gissubel. 2,060,194; Nov. 10.
- Nipple closure. A. T. Sebek. 2,057,848; Oct. 20.
- Nipple for nursing bottles. M. Wittmann. 2,039,373; May 5.
- Nipple for nursing bottles. P. E. Young. 2,041,670; May 19.
- Nipple, Nursing. E. Ferguson. 2,063,424; Dec. 8.
- Nipple, Quick change swedge. C. J. Munroe and O. B. Wilhite. 2,064,679; Dec. 15.
- Nipples, Manufacture of. P. A. Raiche. 2,052,657; Sept. 1.
- Nitrate-bearing material, Treatment of. E. S. Freed. 2,040,548; May 12.
- Nitrates, Production of. E. D. Crittenden. 2,053,518; Sept. 8.
- Nitrates, Production of. C. C. Weston. 2,041,504; May 19.
- Nitriding, Method of. L. B. Lindemuth. 2,039,487; May 5.
- Nitriding process. J. P. Larkin. 2,041,769; May 26.
- Nitriding, Process for. D. A. Holt. 2,042,527; June 2.
- Nitriles of higher unsaturated fatty acids and preparing them. O. Nicodemus and O. Wulff. 2,037,389; Apr. 14.
- Nitriles, Preparing. A. W. Ralston, W. O. Pool and J. Harwood. 2,033,536-7; Mar. 10.
- Nitriles, Preparing. A. W. Ralston, W. O. Pool, and J. Harwood. 2,061,314; Nov. 17.
- Nitroanthraquinone-azoles. P. Nawiasky, B. Stein, E. Berthold, and R. Zell. 2,030,823; Feb. 11.
- Nitrocellulose coating composition containing blown China-wood oil. E. A. Daniels and L. A. Donovan. 2,056,832; Oct. 6.
- Nitro cellulose. Manufacture of. R. K. Eskew. 2,059,326; Nov. 3.
- Nitrocellulose, Production of. M. O. Schur. 2,029,547; Feb. 4.
- Nitro-derivatives of 2-hydroxynaphthalene-1-sulphonic acid-3-carboxylic acid and preparing them. E. Hotz and W. Luce. 2,042,658; June 2.
- Nitrogen bases, Separating. J. R. Bailey. 2,035,584; Mar. 31.
- Nitrogen bases, Separation and purification of. J. R. Bailey. 2,035,583; Mar. 31.
- Nitrogen bases, Separation of. J. C. Stauffer. 2,063,564; Dec. 8.
- Nitrogen compounds, Method and apparatus for synthesizing. L. Herrmann. 2,064,260; Dec. 15.
- Nitrogen from nitrosyl chloride, Recovering. O. Kaselitz. 2,064,978; Dec. 22.
- Nitronaphthylamines. Manufacture of. H. H. Hodgson. 2,061,627; Nov. 24.
- Nitro-phenyl-arylene-thiazyl-disulphides and manufacturing the same. W. Scott. 2,060,428; Nov. 10.
- Nitrosoguanidine as a priming ingredient. F. Olsen and F. R. Seavey. 2,060,522; Nov. 10.
- Nitrosyl chloride, Decomposition of. F. O. Lundstrom and C. W. Whittaker. 2,038,083; Apr. 21.
- N-Monoalkylated 5,5-disubstituted barbituric acids. L. Taub and W. Kropp. 2,061,114; Nov. 17.
- N,N-dialkylol anilines and producing same. A. W. Baldwin and A. H. Knight. 2,044,045; June 16.
- No wrinkle hanger. J. Frank. 2,036,325; Apr. 7.
- Noise suppression device for automobile radio receivers. E. O. Burton. 2,065,651; Dec. 29.
- Noise suppression system for telephone lines. E. Aubort. 2,046,050; June 30.
- Noise suppressor and tuning indicator, Combined. W. R. Koch. 2,045,542; June 23.
- Noise suppressor for radio. M. E. Bond. 2,034,970; Mar. 24.
- Noise suppressor for radio receivers. E. A. Zadig. 2,038,332; Apr. 21.
- Noncondensable gas separator. L. Buehler, Jr. 2,062,697; Dec. 1.
- Nonextruding asphalt joint. R. R. Robertson. 2,049,138; July 28.
- Noninductive resistance. D. T. Siegel and L. M. E. Claus-ing. 2,036,368; Apr. 7.
- Nonrefillable attachment. C. F. Hernandez. 2,055,409; Sept. 22.
- Non-refillable attachment. J. F. Schieber. 2,057,635; Oct. 13.
- Nonrefillable attachment. J. W. Schieber. 2,057,636; Oct. 13.
- Non-refillable container. W. Y. Cobb. 2,054,722; Sept. 15.
- Nonrefillable receptacle. A. G. Fuller. 2,046,736; July 7.
- Nonrepeat attachment for punch presses and the like. E. Schuessler. 2,050,546; Aug. 11.
- Nonsanding pump. A. E. Carlson. 2,061,060; Nov. 17.
- Nonseparable fastener. G. R. Upham. 2,028,423; Jan. 21.
- Nonskid device for wheels. G. A. McEvoy. 2,034,821; Mar. 24.
- Non-skid properties of rubber tires, Apparatus for demon-strating. W. J. Lee. 2,058,805; Oct. 27.
- Nonspill vent plug. J. L. Woodbridge. 2,065,783; Dec. 29.
- Non-sugars from saccharine materials, Recovering. G. T. Reich. 2,031,670; Feb. 25.
- Nose clip. D. Mezz. 2,064,986; Dec. 22.
- Nose pad connection for eyeglass frames. E. R. Durgin. 2,029,470; Feb. 4.
- Nosepiece for microscopes. G. S. MacDonald. 2,062,034; Nov. 24.
- Notebook. T. J. Salsman. 2,034,059; Mar. 17.
- Novelty, Advertising. M. Gold. 2,043,996; June 16.
- Novelty container. D. S. Antel. 2,052,594; Sept. 1.
- Noxious organisms, Apparatus for neutralizing. W. Lechler. 2,043,002; June 2.
- Nozzle. S. F. Barclay. 2,027,954; Jan. 14.
- Nozzle. L. Ell. 2,033,615; Mar. 10.
- Nozzle. H. Huss. 2,044,694; June 16.
- Nozzle. M. R. Lieb. 2,060,943; Nov. 17.
- Nozzle. W. B. Parker. 2,029,337; Feb. 4.
- Nozzle. A. Schwarz. 2,031,387; Feb. 18.
- Nozzle, Air discharge. J. H. McCormick. 2,053,403; Sept. 8.
- Nozzle and brush. Suction cleaner. E. F. Martinet. 2,034,196; Mar. 17.
- Nozzle and holder, Sand blast. W. F. Stooddy. 2,038,249; Apr. 21.
- Nozzle and miter pipe cutting machine. C. L. Formont. 2,057,612; Oct. 13.
- Nozzle, Atomizing. F. Harsch. 2,055,864; Sept. 29.
- Nozzle attachment. C. K. Dewey. 2,047,580; July 14.
- Nozzle construction. J. C. Schellin. 2,035,194; Mar. 24.
- Nozzle construction, Duplex. J. C. Schellin. 2,043,714; June 9.
- Nozzle, Distributing. D. C. Heim. 2,048,505; July 21.
- Nozzle, Diverter. H. E. Schneider. 2,055,562; Sept. 29.
- Nozzle, Drain hose. D. A. Rizer. 2,053,533; Sept. 8.
- Nozzle, Exhaust. C. Seymour. 2,047,893; July 14.
- Nozzle extension, Lubricant. C. E. Miller. 2,059,704; Nov. 3.
- Nozzle for filling vacuum cookers, Sirup discharge. M. M. Guggenheim. 2,056,516; Oct. 6.
- Nozzle for flat-spraying appliances, Air. E. Gustafsson. 2,029,423; Feb. 4.
- Nozzle for flat-spraying appliances, Air. E. Gustafsson. 2,049,700; Aug. 4.
- Nozzle for gas burners and the like, Regulating. H. Guhl. 2,048,260; July 21.
- Nozzle for ladles, Way of manufacturing fireproof. G. Helmer. 2,063,377; Dec. 8.
- Nozzle for machines for preparing soles for cement shoes. J. W. Johnson. 2,058,461; Oct. 27.
- Nozzle for oil or other liquid. W. A. Hubbard. 2,062,362; Dec. 1.
- Nozzle for shoe coating machines. W. L. MacKenzie. 2,056,325; Oct. 6.
- Nozzle for spray appliances, Air. E. Gustafsson. 2,051,210; Aug. 18.
- Nozzle for sprayers. H. E. Brandt. 2,034,082; Mar. 17.
- Nozzle for spraying viscous oil. R. J. S. Pigott. 2,058,823; Oct. 27.
- Nozzle for suction cleaners, Suction sweeper. W. Leathers. 2,060,510; Nov. 10.
- Nozzle for the dry spinning process, Spinning. H. Herzog. 2,063,435; Dec. 8.
- Nozzle for use in welding thin metal structures. R. H. Goddard. 2,039,217; Apr. 28.
- Nozzle for vacuum cleaners. C. A. Brock. 2,035,688; Mar. 31.
- Nozzle for vacuum cleaners. L. Ell. 2,038,424; Apr. 21.
- Nozzle for vacuum cleaners. V. N. M. Smith. 2,027,793; Jan. 14.
- Nozzle, Hose. J. W. Grant. 2,055,076; Sept. 22.
- Nozzle, Inspiring. W. B. Parker. 2,029,338; Feb. 4.
- Nozzle, Irrigation. F. Palermo. 2,037,145; Apr. 14.
- Nozzle, Lubricant dispensing. H. R. Elliott. 2,038,508; Apr. 21.
- Nozzle, Lubricating. F. H. Ebnts. 2,058,219; Oct. 20.
- Nozzle making and capping machine. P. Witte. 2,051,159; Aug. 18.



- Nozzle, Nondrip. L. B. Warren. 2,035,438; Mar. 24.  
 Nozzle of vacuum cleaning apparatus, Suction. L. F. McCardle. 2,029,668; Feb. 4.  
 Nozzle, Sandblast. F. W. Schultz. 2,034,211; Mar. 17.  
 Nozzle, Sandblast. F. W. Schultz. 2,039,938; May 5.  
 Nozzle, Sandblast. H. A. Thorndike. 2,059,294; Nov. 3.  
 Nozzle, Spray. L. O. French. 2,052,560; Sept. 1.  
 Nozzle, Spray. C. J. Kurtz. 2,026,743; Jan. 7.  
 Nozzle, Spray. G. L. Neely. 2,050,368; Aug. 11.  
 Nozzle, Suction. F. J. R. Karlström. 2,031,957; Feb. 25.  
 Nozzle, Suction. F. J. R. Karlström. 2,032,756; Mar. 3.  
 Nozzle, Suction. G. E. Lofgren. 2,027,543-4; Jan. 14.  
 Nozzle, Suction. G. A. Yedd. 2,028,580; Jan. 21.  
 Nozzle tip for hydrometer barrels. L. Edelmann. 2,046,776; July 7.  
 Nozzle, Vacuum cleaner. E. Edström. 2,047,677; July 14.  
 Nozzle, Vacuum cleaner. E. Faber. 2,062,508; Dec. 1.  
 Nozzle, Vacuum cleaner. G. E. Lofgren. 2,035,240; Mar. 24.  
 Nozzle, Valved. C. W. Klauminzer. 2,064,794; Dec. 15.  
 Nozzles, Manufacturing turbine. C. R. Soderberg. 2,063,707; Dec. 8.  
 Nozzles on pipes, Forming branch. W. D. Weston. 2,065,915; Dec. 29.  
 N-p-amino-aryl-carbamic acids, Producing. R. E. Etzel-miller. 2,026,619; Jan. 7.  
 N-substituted cyano-formylides, Manufacture of. M. Wyler. 2,047,657; July 14.  
 N-substitution products of 1,4-diaminoanthraquinones. K. Koeberle, C. Steigerwald, and R. Schweizer. 2,050,660-2; Aug. 11.  
 N-substitution products of 1,4-diaminoanthraquinones, Producing. K. Koeberle, R. Schweizer, and C. Steigerwald. 2,050,704; Aug. 11.  
 N-substitution products of 1,4-diaminoanthraquinones, Producing. K. Koeberle, R. Schweizer, and C. Steigerwald. 2,051,004-5; Aug. 11.  
 Number-printing apparatus for printing machinery. J. Magg. 2,057,620; Oct. 13.  
 Number selector. H. A. Highstone. 2,034,436; Mar. 17.  
 Numbering head. W. Holland. 2,046,783; July 7.  
 Numbering machine. H. F. Selcer. 2,048,035; July 21.  
 Nursery chair, Portable, extendible, and foldable. R. E. Moore. 2,050,114; Aug. 4.  
 Nursing bottle support. L. L. Menk. 2,050,622; Aug. 11.  
 Nut and detachable handle. A. C. Leathers. 2,051,953; Aug. 25.  
 Nut and making, Lock. W. E. Sharp. 2,054,393; Sept. 15.  
 Nut and making same, Sheet metal. E. C. Baynes. 2,026,859; Jan. 7.  
 Nut blanching machine. E. J. Rebechini. 2,065,093; Dec. 22.  
 Nutcracker. M. L. Stromberg. 2,031,189; Feb. 18.  
 Nut cracking method and apparatus. A. R. Thompson. 2,062,534; Dec. 1.  
 Nut, Lock. D. J. Collins. 2,044,667; June 16.  
 Nut lock. B. F. Money. 2,041,477; May 19.  
 Nut making machine. D. E. Johnson. 2,051,086; Aug. 18.  
 Nut meat picking machine. L. R. Stone and E. E. Smith. 2,048,204; July 21.  
 Nut meats, Packaging. J. L. Schneider. 2,044,639; June 16.  
 Nut member. W. I. Jones. 2,055,443; Sept. 22.  
 Nut roasting machine. E. W. Bly and H. H. Lutz. 2,027,146; Jan. 7.  
 Nut runner. L. F. Meunier. 2,061,843; Nov. 24.  
 Nut shelling machine. C. W. Strong. 2,065,544; Dec. 29.  
 Nut structure. A. C. Swanson. 2,026,757; Jan. 7.  
 Nut tapper. O. I. Larsen. 2,037,801; Apr. 21.  
 Nut threading machine. E. M. de Sherbinin. 2,038,547; Apr. 28.  
 Nut to carry lubricant. H. L. Gordon. 2,064,377; Dec. 15.  
 Nut washer, Self-locking. G. Miller. 2,063,181; Dec. 8.  
 Nut, Wing. J. M. Charlton. 2,049,104; July 28.  
 Nuts and the like, Forming. W. L. Clouse. 2,062,640; Dec. 1.  
 Nuts and the like, Making. W. L. Clouse. 2,062,641; Dec. 1.  
 Nuts, Apparatus for cracking. J. F. Kidd. 2,065,376; Dec. 22.  
 Nuts, Apparatus for making. H. J. Hogue. 2,046,075; June 30.  
 Nuts, Apparatus for treating toasted. L. M. Sawin. 2,031,908; Feb. 25.  
 Nuts in the shell, Treating. W. G. Gow. 2,059,787; Nov. 3.  
 Nuts, Making spring lock. W. A. Bergstrom. 2,035,859; Mar. 31.  
 Nuts, Method of and apparatus for making. D. E. Johnson. 2,057,527; Oct. 13.  
 Nuts, Method of and apparatus for making lock. W. G. Wilson. 2,050,406; Aug. 11.  
 Nuts, Salting edible. J. E. Bizzell and C. K. Bizzell. 2,026,813; Jan. 7.  
 Nuts to bolts, Apparatus for applying. E. W. Lundell. 2,046,520; July 7.  
 Nuts with respect to the starting point of their threads, Device for locating. H. W. Hunt. 2,038,933; Apr. 28.  
 Nutrient solution to plants, Applying. W. C. Krueger. 2,060,735; Nov. 10.  
 N-Vinyl compounds, Production of. W. Reppe and E. Keyssner. 2,066,160; Dec. 29.  
 Oar, Bow-facing. P. Schenk. 2,051,424; Aug. 18.  
 Oar lock. S. N. Weeks. 2,048,762; July 28.  
 Objective. L. Bertele. 2,029,806; Feb. 4.  
 Objective determination of the refraction of the eye, Apparatus for the. R. E. Reason. 2,049,223; July 28.  
 Objects, Apparatus for decorating. O. Austin. 2,030,042; Feb. 11.  
 Observation and for range and position finding, System of and apparatus for. R. H. Somers, J. L. Guion, and J. C. Karnes. 2,056,216; Oct. 6.  
 Observation device. C. E. Wheeler. 2,065,963; Dec. 22.  
 Obstetric table. M. S. Mendenhall, V. McCorkell, and C. L. Higginbotham. 2,059,957; Nov. 3.  
 Obturator with variable opening for cine-picture taking apparatus, Automatic. J. Weissbrodt. 2,065,777; Dec. 29.  
 Odometer, Printing. J. F. Ohmer. 2,031,060; Feb. 18.  
 Odor filter. A. B. Ray. 2,055,774; Sept. 29.  
 Odor from bleached alkali metal salts of fatty acids, Removing the. W. Kling. 2,057,959; Oct. 20.  
 Odorizer, Proportional. E. Rolle. 2,058,508; Oct. 27.  
 Offset proof press mechanism. H. C. Jones. 2,043,543; June 9.  
 Ohmic resistance for high frequencies. H. O. Roosenstein. 2,059,034; Oct. 27.  
 Oil and derivatives thereof, Blown drying. J. S. Long and G. L. Ball, Jr. 2,059,259; Nov. 3.  
 Oil and fat treatment and product. R. C. Newton and D. P. Grettie. 2,060,587; Nov. 10.  
 Oil and gas separator. B. A. Loupe. 2,049,068; July 28.  
 Oil and gas separator. R. S. McKeever. 2,037,426; Apr. 14.  
 Oil and gas separator. M. F. Waters. 2,064,962; Dec. 22.  
 Oil and making same, Salad. D. P. Grettie. 2,050,528; Aug. 11.  
 Oil and preparing same, Miscible. O. W. Neukom. 2,060,425; Nov. 10.  
 Oil and producing same, Lubricating. E. R. Lederer. 2,027,738; Jan. 14.  
 Oil and steam regulating valve. S. M. Hansen. 2,037,978; Apr. 21.  
 Oil and the revivification of the sweetening agent, Sweetening sour petroleum. O. Codier. 2,042,056; May 26.  
 Oil and varnish from hydrocarbon material, Producing drying. A. P. Bjerregaard. 2,035,455; Mar. 31.  
 Oil- and water-proof product. W. A. Lazier and J. H. Wernitz. 2,027,390; Jan. 14.  
 Oil, Apparatus and process for purifying. A. E. Wilkoff. 2,061,687; Nov. 24.  
 Oil, Apparatus for chemically treating topped crude. A. E. Pew, Jr. 2,045,492; June 23.  
 Oil, Apparatus for dewaxing. H. F. Fisher. 2,042,775-6; June 2.  
 Oil, Apparatus for purification of. L. D. Jones. 2,064,798; Dec. 15.  
 Oil, Apparatus for testing the viscosity of. C. S. Healy. 2,054,463; Sept. 15.  
 Oil, Apparatus for the treatment of hydrocarbon. H. Dimmig. 2,066,100; Dec. 29.  
 Oil as gas, Apparatus for burning. C. B. Hillhouse. 2,047,871; July 14.  
 Oil burner. G. N. Albree. 2,047,303; July 14.  
 Oil burner. M. Baker and S. A. Hallgren. 2,055,462; Sept. 29.  
 Oil burner. E. O. Benjamin. 2,066,026; Dec. 29.  
 Oil burner. F. J. Bishop. 2,052,747; Sept. 1.  
 Oil burner. O. L. Bock. 2,065,265; Dec. 22.  
 Oil burner. G. H. Bork. 2,056,561; Oct. 6.  
 Oil burner. J. E. Brandt. 2,040,544; May 12.  
 Oil burner. J. W. Cannon. 2,026,609; Jan. 7.  
 Oil filter. C. A. Compton. 2,065,658; Dec. 29.  
 Oil burner. J. H. Conant. 2,053,236; Sept. 1.  
 Oil burner. A. B. Corey. 2,035,114; Mar. 24.  
 Oil burner. F. Cozzoli. 2,029,859; Feb. 4.  
 Oil burner. H. L. Douglas. 2,040,298; May 12.  
 Oil burner. H. E. Earl. 2,028,899; Jan. 28.  
 Oil burner. A. G. Fernández. 2,040,089; May 12.  
 Oil burner. C. E. Glebe. 2,033,519; Mar. 10.  
 Oil burner. W. W. Hallinen. 2,053,333; Sept. 8.  
 Oil burner. L. W. Holmes. 2,027,101; Jan. 7.  
 Oil burner. L. W. Holmes. 2,042,785; June 2.  
 Oil burner. M. A. S. Lavigne. 2,063,847; Dec. 8.  
 Oil burner. J. H. McIlvaine. 2,056,477; Oct. 6.  
 Oil burner. W. W. McIntyre. 2,060,516; Nov. 10.  
 Oil burner. C. J. Ohlsson. 2,030,531; Feb. 11.  
 Oil burner. T. A. Quart. 2,064,081; Dec. 15.  
 Oil burner. W. P. Reiboldt. 2,028,807; Jan. 28.  
 Oil burner. C. A. Reif. 2,035,012; Mar. 24.  
 Oil burner. G. B. Russell. 2,057,539; Oct. 13.  
 Oil burner. C. A. Schellens. 2,034,210; Mar. 17.  
 Oil burner. O. C. Schroeder and S. Perry. 2,029,741; Feb. 4.  
 Oil burner. U. P. Udesen. 2,052,954; Sept. 1.  
 Oil burner. D. H. Washburn. 2,033,600; Mar. 10.  
 Oil burner. D. H. Washburn. 2,058,196; Oct. 20.  
 Oil burner. G. C. Wav. 2,056,700; Oct. 6.  
 Oil burner. G. W. Wilson. 2,058,652; Oct. 27.  
 Oil burner. D. E. Wyman. 2,042,034; May 26.  
 Oil burner, Nonclog atomized. J. T. Voorheis. 2,063,713; Dec. 8.  
 Oil burner pumping and control unit and mounting same. T. W. Murphy and E. B. Frame. 2,032,886; Mar. 3.  
 Oil burner, Rotary. T. H. Smoot. 2,054,607; Sept. 15.  
 Oil burning apparatus. O. J. Appel. 2,034,737; Mar. 24.  
 Oil burning apparatus. L. S. Chadwick and J. A. Dahlstrom. 2,027,632; Jan. 14.



- Oil burning apparatus. A. E. Paige. 2,029,184; Jan. 28.  
 Oil burning boiler. M. Casale. 2,058,413; Oct. 27.  
 Oil burning system and apparatus. A. J. Gifford. 2,056,703; Oct. 6.  
 Oil can. S. Krafka. 2,029,108; Jan. 28.  
 Oil can. F. M. Schaefer. 2,031,672; Feb. 25.  
 Oil-chamber for electric clocks. W. Kohlhausen. 2,038,299; Apr. 21.  
 Oil-chamber for electric clocks. R. C. Perry. 2,062,103; Nov. 24.  
 Oil circuit breaker. S. Barfoed. 2,051,196; Aug. 18.  
 Oil circuit breaker contact. S. H. Boden and S. T. Schofield. 2,039,054; Apr. 28.  
 Oil circuit breaker control mechanism. F. H. Cole and M. Skau. 2,051,244; Aug. 18.  
 Oil clarifier. C. E. Johnson and H. T. Moore. 2,059,358; Nov. 3.  
 Oil cleaner. J. B. Jarmin. 2,060,320; Nov. 10.  
 Oil, Coking hydrocarbon. D. L. Thomas. 2,051,354; Aug. 18.  
 Oil, Coking of hydrocarbon. L. A. Mekler. 2,029,783; Feb. 4.  
 Oil combustion apparatus. O. C. Schroeder. 2,039,937; May 5.  
 Oil combustion apparatus. O. C. Schroeder and S. Perry. 2,039,936; May 5.  
 Oil comparator, Crank case. E. L. Cannon. 2,037,213; Apr. 14.  
 Oil composition and making same, Mineral. O. M. Reiff and E. Badertscher. 2,048,466; July 21.  
 Oil composition, Drying. R. D. Bonney and W. S. Egge. 2,040,461; May 12.  
 Oil composition, Drying. H. M. Dent. 2,064,786; Dec. 15.  
 Oil composition, Low pour point mineral. A. J. Van Peski. 2,053,853; Sept. 8.  
 Oil composition, Mineral. H. A. Curtis. 2,037,563; Apr. 14.  
 Oil composition, Mineral. R. C. Moran. 2,043,836; June 9.  
 Oil composition, Mineral. B. W. Story and E. W. Fuller. 2,028,257; Jan. 21.  
 Oil compositions and making same, Mineral. O. M. Reiff and D. E. Badertscher. 2,048,465-6; July 21.  
 Oil compositions, Stabilization of mineral. T. W. Bartram. 2,032,787; Mar. 3.  
 Oil conversion, Hydrocarbon. C. P. Dubbs. 2,056,775; Oct. 6.  
 Oil conversion, Hydrocarbon. C. P. Dubbs. 2,059,625; Nov. 3.  
 Oil conversion, Hydrocarbon. L. C. Huff. 2,037,238; Apr. 14.  
 Oil conversion, Hydrocarbon. L. C. Huff. 2,039,797; May 5.  
 Oil conversion, Hydrocarbon. L. C. Huff. 2,063,505; Dec. 8.  
 Oil, Conversion of hydrocarbon. C. H. Angell. 2,047,761; July 14.  
 Oil, Conversion of hydrocarbon. V. Ipatieff. 2,063,933; Dec. 15.  
 Oil, Conversion of hydrocarbon. J. C. Morrell. 2,055,015; Sept. 22.  
 Oil, Conversion of hydrocarbon. E. F. Nelson. 2,034,526; Mar. 17.  
 Oil, Converting petroleum. W. R. Howard. 2,046,898-9; July 7.  
 Oil cooler. J. R. Holmes. 2,034,235; Mar. 17.  
 Oil cooling system. H. M. Yeager. 2,054,403; Sept. 15.  
 Oil, Cracking. J. G. Alther. 2,061,820; Nov. 24.  
 Oil, Cracking of. E. C. Herthel. 2,037,379; Apr. 14.  
 Oil cracking system. W. T. Hancock. 2,048,548; July 21.  
 Oil cracking system. A. G. Peterkin, Jr. 2,028,728; Jan. 21.  
 Oil, Cutting. L. A. Herrmann and T. G. Roehner. 2,062,652; Dec. 1.  
 Oil de-emulsifying process. M. Powell. 2,056,669; Oct. 6.  
 Oil derivative. M. M. Brubaker. 2,027,467; Jan. 14.  
 Oil, Dewaxing. L. Dillon and C. E. Swift. 2,039,636; May 5.  
 Oil, Dewaxing. L. Dillon and C. E. Swift. 2,053,552; Sept. 8.  
 Oil, Dewaxing. L. D. Jones. 2,036,966; Apr. 7.  
 Oil, Dewaxing. D. R. Merrill and P. Subkow. 2,031,117; Feb. 18.  
 Oil, Dewaxing hydrocarbon. F. X. Govers. 2,061,541; Nov. 17.  
 Oil, Dewaxing hydrocarbon. H. H. Gross and W. V. Overbaugh. 2,047,412; July 14.  
 Oil, Dewaxing hydrocarbon. E. C. Knowles. 2,054,429-30; Sept. 15.  
 Oil, Dewaxing hydrocarbon. R. E. Manley. 2,040,056; May 5.  
 Oil, Dewaxing hydrocarbon. E. F. Pevere. 2,054,775; Sept. 15.  
 Oil, Dewaxing lubricating. C. C. Towne. 2,064,506; Dec. 15.  
 Oil, Dewaxing mineral. D. P. Bailey, R. Beattie, and W. S. Tyler, Jr. 2,058,944; Oct. 27.  
 Oil, Dewaxing of lubricating. F. X. Govers. 2,060,805; Nov. 17.  
 Oil, Dewaxing wax-bearing. F. X. Govers. 2,054,416; Sept. 15.  
 Oil dispenser. J. M. Young. 2,047,242; July 14.  
 Oil dispensing device. C. H. Erne. 2,033,931; Mar. 17.  
 Oil distillates, Refining of mineral. J. B. Hill. 2,039,904; May 5.  
 Oil distillates, Treating mineral. J. F. M. Caudri. 2,055,425; Sept. 22.  
 Oil distillates, Treating mineral. R. H. Crosby and B. R. Carney. 2,030,245; Feb. 11.  
 Oil distillation. R. F. Hadley. 2,064,743; Dec. 15.  
 Oil distillation. J. S. Wallis. 2,030,485; Feb. 11.  
 Oil emulsions, Dehydrating. G. D. Bavin and M. Powell. 2,056,668; Oct. 6.  
 Oil engine. R. M. Dilworth. 2,030,247; Feb. 11.  
 Oil engine. F. A. Truesdell. 2,062,621; Dec. 1.  
 Oil excluding ring. M. D. Fitzgerald. 2,036,748; Apr. 7.  
 Oil extracting mechanism. L. A. Molin. 2,055,697; Sept. 29.  
 Oil fields, Developing. H. L. Doherty. 2,048,731; July 28.  
 Oil, Film treatment of. J. F. Wait. 2,063,860; Dec. 8.  
 Oil filter. C. M. Bolser. 2,057,932; Oct. 20.  
 Oil filter. E. N. Burckhalter and J. M. Osburn. 2,035,530; Mar. 31.  
 Oil filter. J. K. Delano. 2,052,540; Aug. 25.  
 Oil filter. R. H. Pennebaker. 2,027,400; Jan. 14.  
 Oil filter. R. H. Pennebaker. 2,027,876; Jan. 14.  
 Oil filter, Auto. I. I. Hance. 2,063,247; Dec. 8.  
 Oil filter, Cleanable. C. W. McKinley. 2,047,793; July 14.  
 Oil filter, Edge type. R. A. Weidenbacker. 2,053,856; Sept. 8.  
 Oil filter, Force feed. W. A. McLean. 2,048,350; July 21.  
 Oil filtering device. A. H. Wiedhofft. 2,056,756; Oct. 6.  
 Oil filtering element and making the same. S. W. Briggs and C. G. Gilbert. 2,057,414; Oct. 13.  
 Oil fog from air pumps, Preventing. S. J. Erling. 2,047,728; July 14.  
 Oil for artificial textile materials, Oxidized. G. W. Seymour. 2,041,729; May 26.  
 Oil, Fractionally distilling and desulphurizing crude. C. L. Smith and W. G. Annable. 2,032,896; Mar. 3.  
 Oil fractionation, Apparatus for. F. W. Stone. 2,048,576; July 21.  
 Oil, Fractionation of mineral. C. E. Swift. 2,031,234; Feb. 18.  
 Oil from beta beta dichlorylethyl ether, Removing. H. T. Bennett and J. L. Burkitt. 2,053,457; Sept. 8.  
 Oil from crude mixtures containing water, Obtaining an animal. W. L. Marston. 2,032,543; Mar. 3.  
 Oil from hydrocarbon oil emulsion, Apparatus for the recalculation of. J. M. Jackson. 2,033,987; Mar. 17.  
 Oil from low pressure wells by use of a plunger lift device, Producing. H. W. Fletcher. 2,057,425; Oct. 13.  
 Oil from slack wax, Separating. W. D. Farr and F. B. Samuel. 2,062,356; Dec. 1.  
 Oil from various substances, Expelling. R. T. Anderson. 2,065,848; Dec. 29.  
 Oil from wax cakes, Separating. B. Hopper. 2,031,107; Feb. 18.  
 Oil, Fuel. D. A. Howes. 2,054,628; Sept. 15.  
 Oil, Fuel. D. A. Howes. 2,065,588; Dec. 29.  
 Oil gas generating apparatus. L. B. Harris. 2,029,774; Feb. 4.  
 Oil gas generator. W. B. Harris. 2,056,606; Oct. 6.  
 Oil gasification process. A. Johnson. 2,042,997-9; June 2.  
 Oil gasifying device for combustion engines, Fuel. McL. C. Slate. 2,026,851; Jan. 7.  
 Oil gauge. J. Haltenberger. 2,032,800; Mar. 3.  
 Oil, Hard water soluble. E. W. Adams and G. W. Flint. 2,039,377; May 5.  
 Oil heater. J. McKerrall. 2,053,623; Sept. 8.  
 Oil heating apparatus. G. M. and L. R. Vance. 2,046,098; June 30.  
 Oil in internal combustion engines, Cooling the lubricating. J. L. Barnes. 2,063,782; Dec. 8.  
 Oil in refrigerator systems, Purging and rectifying. N. H. Gay. 2,042,394; May 26.  
 Oil in tin coating machines, Method and apparatus for purifying. W. E. Taylor. 2,026,598; Jan. 7.  
 Oil into useful products, Converting pine. C. H. Bibb. 2,052,742; Sept. 1.  
 Oil lacquer. W. Schrauth. 2,059,815; Nov. 3.  
 Oil level gauge. H. L. Rankin. 2,029,672; Feb. 4.  
 Oil level indicator. J. Ashworth. 2,043,877; June 9.  
 Oil, Lubricating. E. J. Barth and R. P. Corlew. 2,059,192; Nov. 3.  
 Oil, Lubricating. B. H. Lincoln. 2,063,880; Dec. 8.  
 Oil, Lubricating. A. M. McAfee and L. O. Crockett. 2,049,014; July 28.  
 Oil, Lubricating. E. F. Pevere. 2,039,111; Apr. 28.  
 Oil, Lubricating. W. L. Steiner. 2,063,857; Dec. 8.  
 Oil, Manufacture of lubricating. F. X. Govers. 2,044,721-6; June 16.  
 Oil, Manufacture of lubricating. R. E. Manley. 2,054,433; Sept. 15.  
 Oil, Manufacture of lubricating. R. E. Manley and H. H. Gross. 2,040,057; May 5.  
 Oil, Manufacture of lubricating. E. F. Pevere. 2,045,922; June 30.  
 Oil, Method and apparatus for burning. C. A. French. 2,039,790; May 5.  
 Oil, Method and apparatus for distillation of. A. G. Page. 2,029,501; Feb. 4.  
 Oil, Method and equipment for pumping. C. J. Coberly. 2,046,769; July 7.  
 Oil mixer, Road. G. Gardner. 2,042,837; June 2.  
 Oil or gasoline barrel lock. A. Ostgaard. 2,032,223; Feb. 25.



- Oil package. R. John. 2,042,996; June 2.
- Oil, Penetrating. B. H. Lincoln and A. Henriksen. 2,041,076; May 19.
- Oil, Penetrating. A. W. Ralston, W. O. Pool, and J. Harwood. 2,053,046; Sept. 1.
- Oil, Process and apparatus for cracking. A. L. Still. 2,039,611; May 5.
- Oil, Process and apparatus for dewaxing. L. Dillon and C. E. Swift. 2,031,210; Feb. 18.
- Oil, Process and apparatus for dewaxing. H. F. Fisher. 2,031,214; Feb. 18.
- Oil, Process and apparatus for dewaxing. H. F. Fisher. 2,054,075; Sept. 15.
- Oil, Process and apparatus for dewaxing. P. Subkow. 2,054,273; Sept. 15.
- Oil, Producing lubricating. U. B. Bray. 2,031,096; Feb. 18.
- Oil, Producing lubricating. U. B. Bray. 2,031,204; Feb. 18.
- Oil, Producing lubricating. D. R. Merrill. 2,043,388; June 9.
- Oil, Producing lubricating. R. S. Vose. 2,055,210; Sept. 22.
- Oil product and making the same, Emulsifiable. N. N. Gay. 2,036,470; Apr. 7.
- Oil, Production of lubricating. U. B. Bray and C. E. Swift. 2,026,729; Jan. 7.
- Oil, Production of lubricating. M. Pier and E. Donath. 2,063,623; Dec. 8.
- Oil-proofing material and product thereof. B. H. Thurman, A. W. Thomas, and M. Mattikow. 2,039,753; May 5.
- Oil pumping apparatus. B. Olsson. 2,044,013; June 16.
- Oil purification and fractionation and apparatus for same. V. G. Shinkle. 2,065,619; Dec. 29.
- Oil purifier. J. R. Miller. 2,061,666; Nov. 24.
- Oil, Purifying and stabilizing aromatic light. A. Pott, H. Broche, and K. Ehrmann. 2,033,297; Mar. 10.
- Oil purifying system. F. Hardinge. 2,049,498; Aug. 4.
- Oil, Reclaiming used lubricating. F. G. Baender. 2,043,691; June 9.
- Oil, Reclaiming used lubricating. H. G. Crowley and E. W. Riemenschneider. 2,045,216; June 23.
- Oil, Reclamation of absorption. P. B. Renfrew and L. E. Marsh. 2,048,140; July 21.
- Oil recovery device. N. M. Small and F. Shenton. 2,032,230; Feb. 25.
- Oil refiner. A. R. White. 2,064,097; Dec. 15.
- Oil, Refining. S. E. Campbell. 2,045,696; June 30.
- Oil, Refining. J. F. Wait. 2,052,812; Sept. 1.
- Oil, Refining hydrocarbon. P. J. Carlisle. 2,058,131; Oct. 20.
- Oil, Refining hydrocarbon. R. E. Manley and H. H. Gross. 2,037,385; Apr. 14.
- Oil refining, Lubricating. J. H. Shepard. 2,048,521; July 21.
- Oil, Refining mineral. H. F. Lindeke and B. S. Greensfelder. 2,053,485; Sept. 8.
- Oil, Refining mineral. M. H. Tuttle. 2,041,308; May 19.
- Oil, Refining mineral. J. F. Wait. 2,050,772; Aug. 11.
- Oil, Refining of South Texas lubricating. W. H. Beardsley. 2,029,605; Feb. 4.
- Oil, Refining petroleum. J. F. Wait. 2,063,861-2; Dec. 8.
- Oil refining process. E. J. Slater. 2,057,923; Oct. 20.
- Oil, Renovating. L. T. Evans. 2,030,577; Feb. 11.
- Oil retainer. L. A. Johnson. 2,031,956; Feb. 25.
- Oil return device for flooded evaporators. J. Askin and J. D. Lear. 2,042,419; May 26.
- Oil return system for deep well turbine pumps. J. M. Hait. 2,041,999; May 26.
- Oil rig and pumping jack, Combination. A. Culbertson. 2,057,137; Oct. 13.
- Oil rig support. A. T. Crawford. 2,057,558; Oct. 13.
- Oil sealed bearing. V. G. Apple. 2,035,519; Mar. 31.
- Oil sealing device for journal boxes. E. Armstrong and J. E. Thebaud. 2,054,017; Sept. 8.
- Oil separator. D. Gregg. 2,038,039; Apr. 21.
- Oil separator control for refrigerating systems, Automatic. C. R. Neeson. 2,065,195; Dec. 22.
- Oil, Solvent refining. L. A. Clarke. 2,054,050; Sept. 8.
- Oil, Solvent refining of hydrocarbon. F. X. Govers. 2,054,052; Sept. 8.
- Oil, Solvent refining of hydrocarbon. R. E. Manley. 2,038,798; Apr. 28.
- Oil, Solvent refining of mineral. F. X. Govers. 2,049,060; July 28.
- Oil stock, Decolorizing a lubricating. W. A. Eberle and M. B. Hopkins. 2,066,200; Dec. 29.
- Oil stock, Treating lubricating. J. D. Fields. 2,027,770; Jan. 14.
- Oil, Sulphonation of. P. Kaplan. 2,052,570; Sept. 1.
- Oil, Sweetening hydrocarbon. C. O. Hoover. 2,042,054; May 26.
- Oil, Sweetening sour hydrocarbon. C. O. Hoover. 2,042,055; May 26.
- Oil system for bearings. A. W. Seyfried. 2,053,848; Sept. 8.
- Oil tank inspection device. W. A. Baddorf and R. E. Deimler. 2,028,430; Jan. 21.
- Oil tester. J. A. Logan and L. F. Spear. 2,062,587-8; Dec. 1.
- Oil testing apparatus, Lubricating. M. Cornell and C. C. Curtis. 2,027,518; Jan. 14.
- Oil testing device. F. S. Burk. 2,053,894; Sept. 8.
- Oil testing device. L. L. Davis. 2,031,253; Feb. 18.
- Oil testing device. H. T. Moore. 2,034,688; Mar. 17.
- Oil to burners for boilers and similar installation, Apparatus for feeding fuel. J. C. Johnson. 2,028,393; Jan. 21.
- Oil, Treating. A. J. Slagter and C. W. MacKay. 2,048,973; July 28.
- Oil, Treating hydrocarbon. H. V. Atwell. 2,053,213; Sept. 1.
- Oil, Treating hydrocarbon. W. W. Gary. 2,041,754; May 26.
- Oil, Treating hydrocarbon. A. C. Hampton. 2,040,048; May 5.
- Oil, Treating hydrocarbon. P. C. Keith, Jr. 2,046,385; July 7.
- Oil, Treating hydrocarbon. H. R. Snow. 2,053,209; Sept. 1.
- Oil, Treating sour hydrocarbon. W. V. Overbaugh. 2,056,618; Oct. 6.
- Oil treatment, Hydrocarbon. E. R. Birkhimer. 2,026,812; Jan. 7.
- Oil treatment, Hydrocarbon. S. W. Ferris. 2,033,932; Mar. 17.
- Oil treatment, Hydrocarbon. S. W. Ferris. 2,046,064; June 30.
- Oil treatment, Hydrocarbon. L. M. Henderson. 2,030,870; Feb. 18.
- Oil treatment, Hydrocarbon. S. S. Kurtz, Jr. 2,033,942; Mar. 17.
- Oil treatment, Hydrocarbon. W. M. Malisoff and F. G. Hess. 2,061,583; Nov. 24.
- Oil, Treatment of hydrocarbon. R. B. Day. 2,063,082; Dec. 8.
- Oil, Treatment of hydrocarbon. W. W. Gary. 2,030,365; Feb. 11.
- Oil, Treatment of hydrocarbon. P. C. Keith, Jr. 2,033,473; Mar. 10.
- Oil, Treatment of hydrocarbon. P. C. Keith, Jr. 2,064,757; Dec. 15.
- Oil, Treatment of hydrocarbon. P. C. Keith, Jr. 2,065,470; Dec. 22.
- Oil, Treatment of hydrocarbon. C. D. Lowry, Jr., and F. J. Skowronski. 2,064,842; Dec. 22.
- Oil, Treatment of hydrocarbon. W. M. Malisoff. 2,043,254; June 9.
- Oil, Treatment of hydrocarbon. G. W. Miller. 2,055,085; Sept. 22.
- Oil, Treatment of hydrocarbon. J. C. Morrell. 2,029,785; Feb. 4.
- Oil, Treatment of hydrocarbon. J. C. Morrell. 2,061,845; Nov. 24.
- Oil, Treatment of hydrocarbon. J. D. Seguy. 2,050,467; Aug. 11.
- Oil, Treatment of hydrocarbon. V. Stapleton. 2,026,803; Jan. 7.
- Oil, Treatment of hydrocarbon. F. W. Sullivan, Jr., and R. F. Ruthruff. 2,043,269; June 9.
- Oil, Treatment of hydrocarbon. J. T. Ward. 2,054,777; Sept. 15.
- Oil valve, Thermostatically controlled. W. B. Mackintosh. 2,046,643; July 7.
- Oil waste, Reclaiming. J. J. McKeon. 2,055,938; Sept. 29.
- Oil well casing pump. D. B. Howe. 2,062,058; Nov. 24.
- Oil well cup saver. G. A. Mahaney. 2,035,326; Mar. 24.
- Oil well device. C. J. Wilkinson. 2,033,409; Mar. 10.
- Oil well drilling system, Electrical differential. S. A. Staeger. 2,032,155; Feb. 25.
- Oil well heater. J. R. Vandever. 2,035,413; Mar. 24.
- Oil well heater, Circulating. R. P. Abele. 2,035,381; Mar. 24.
- Oil well pump. G. G. Basher. 2,048,422; July 21.
- Oil well pump. C. M. Murphy. 2,046,834; July 7.
- Oil well pumping apparatus. W. F. Parker. 2,028,409; Jan. 21.
- Oil well surveying instrument. D. B. Monroe. 2,057,787; Oct. 20.
- Oil well tubing wrench. J. S. Taylor. 2,028,737; Jan. 21.
- Oil wells, Apparatus for cementing. J. G. Dyer. 2,058,069; Oct. 20.
- Oil with grain material to stabilize against oxidation. S. Musher. 2,049,017; July 28.
- Oil with solvents, Refining mineral. R. J. Dearborn. 2,055,428; Sept. 22.
- Oiler and piston rod connector, Wrist pin. C. Adler. 2,033,906; Mar. 17.
- Oiler for cream separators, Neck bearing. W. H. Harstick. 2,062,573; Dec. 1.
- Oiler, Hand. S. O. Paull. 2,055,045; Sept. 22.
- Oiler, Hand. S. O. Paull. 2,061,476; Nov. 17.
- Oiler or waxer, Floor. A. Steigerwald. 2,028,079; Jan. 14.
- Oiler, Wheel flange. P. H. Hamilton. 2,061,731; Nov. 24.
- Oiling device. L. R. Huff. 2,050,533; Aug. 11.
- Oiling device for journals. G. C. Christy. 2,050,275; Aug. 11.
- Oiling means for planetary transmission. W. B. Barnes. 2,027,012; Jan. 7.
- Oiling system. N. M. Rosendahl. 2,046,092; June 30.
- Oils, Acid treatment of. D. D. Stark and T. O. Edwards, Jr. 2,052,852; Sept. 1.
- Oils and bituminous compositions, Dispersing and stabilizing hydrocarbon. M. Ernotte. 2,047,258; July 14.
- Oils and fats, Apparatus for treating. W. Gensecke. 2,042,711; June 2.



- Oils and fats, Refining vegetable and animal. O. Brücke. 2,035,589; Mar. 31.
- Oils and fats, Stabilization of. W. D. Richardson, D. P. Grettie, and R. C. Newton. 2,031,069; Feb. 18.
- Oils and greases, Sulphonation of. A. Gressner. 2,039,989; May 5.
- Oils and particularly pressure distillate, Stabilization of light hydrocarbon. J. K. Roberts. 2,032,666; Mar. 3.
- Oils and residues, Blending of mineral. A. H. Calderwood. 2,048,371; July 21.
- Oils and vapors, Refining hydrocarbon. C. O. Hoover. 2,042,053; May 26.
- Oils, Apparatus for compounding lubricating. C. M. Alexander. 2,051,932; Aug. 25.
- Oils, Apparatus for cracking hydrocarbon. E. C. D'Yarmett. 2,040,838; May 19.
- Oils, Apparatus for fractionally distilling. G. C. Connolly and A. F. Wurzbacher. 2,037,677; Apr. 14.
- Oils, Apparatus for making high viscosity index lubricating. H. T. Bennett. 2,054,613; Sept. 15.
- Oils, Bleaching sulphonated. J. S. Reichert and A. G. Cole. 2,049,975; Aug. 4.
- Oils, Castor machine. A. L. Blount. 2,031,405; Feb. 18.
- Oils containing lime, Improving mineral. A. J. Kraemer. 2,065,281; Dec. 22.
- Oils, Controlling the decolorizing of hydrocarbon. H. M. Weir. 2,047,985; July 21.
- Oils, Conversion and coking of hydrocarbon. C. H. Angell. 2,048,986; July 28.
- Oils, Conversion and coking of hydrocarbon. A. Fisher. 2,050,427; Aug. 11.
- Oils, Conversion of hydrocarbon. J. G. Alther. 2,039,379; May 5.
- Oils, Conversion of hydrocarbon. J. B. Heid. 2,047,779; July 14.
- Oils, Conversion of hydrocarbon. J. B. Heid. 2,055,896; Sept. 29.
- Oils, Conversion of hydrocarbon. L. C. Huff. 2,064,834; Dec. 22.
- Oils, Conversion of hydrocarbon. J. C. Morrell. 2,058,488; Oct. 27.
- Oils, Conversion of hydrocarbon. J. C. Morrell. 2,063,112; Dec. 8.
- Oils, Conversion of hydrocarbon. J. C. Morrell. 2,063,114; Dec. 8.
- Oils, Conversion of hydrocarbon. L. G. Story. 2,065,351; Dec. 22.
- Oils, Conversion of hydrocarbon. K. Swartwood. 2,057,401; Oct. 13.
- Oils, Conversion of hydrocarbon. K. Swartwood. 2,059,290-1; Nov. 3.
- Oils, Conversion of hydrocarbon. R. F. Trow. 2,037,952; Apr. 21.
- Oils, Conversion of hydrocarbon. G. D. White. 2,029,601; Feb. 4.
- Oils, Converting hydrocarbon. E. Petty and H. C. Schutt. 2,051,776; Aug. 18.
- Oils, Converting hydrocarbon. J. K. Roberts. 2,044,636; June 16.
- Oils, Converting hydrocarbon. R. F. Ruthruff. 2,052,518; Aug. 25.
- Oils, Converting hydrocarbon. C. B. Watson and C. L. Smith. 2,037,953; Apr. 21.
- Oils, Cracking. A. V. Ritchie. 2,037,537; Apr. 14.
- Oils, Cracking hydrocarbon. H. J. Broderson. 2,058,768; Oct. 27.
- Oils, Cracking hydrocarbon. J. D. Seguy. 2,032,892; Mar. 3.
- Oils, Cracking hydrocarbon. R. E. Wilson. 2,064,708; Dec. 15.
- Oils, Cracking of hydrocarbon. J. A. Wales. 2,050,986; Aug. 11.
- Oils, Dewaxing. W. A. Eberle and L. H. Zepf. 2,049,051; July 28.
- Oils, Dewaxing. L. C. Kettenring and L. H. Robertson. 2,055,627; Sept. 29.
- Oils, Dewaxing. A. M. Wilson. 2,049,036; July 28.
- Oils, Dewaxing distillate. S. A. Montgomery. 2,053,872; Sept. 8.
- Oils, Dewaxing hydrocarbon. J. A. Anderson. 2,036,188; Apr. 7.
- Oils, Dewaxing hydrocarbon. H. F. Goss and J. Opryshek. 2,049,059; July 28.
- Oils, Dewaxing hydrocarbon. E. C. Herthel. 2,056,723; Oct. 6.
- Oils, Dewaxing mineral. H. Walch. 2,041,885; May 26.
- Oils, Dewaxing mineral hydrocarbon. C. M. Kellogg. 2,047,826; July 14.
- Oils, Distillation of. M. J. Burkhard. 2,049,247; July 28.
- Oils, Distillation of hydrocarbon. M. G. Paulus and A. E. Thompson. 2,039,979; May 5.
- Oils, Distilling. G. B. Coubrough. 2,035,945; Mar. 31.
- Oils, Electrical dehydration of. M. E. Cere. 2,030,198; Feb. 11.
- Oils, Extraction of lubricating. O. Fitz Simons and F. C. Croxton. 2,053,000; Sept. 1.
- Oils for the production of lower boiling hydrocarbon oils, Distillation of hydrocarbon. W. H. Bahlke and W. G. Whitman. 2,037,674; Apr. 14.
- Oils from asphaltic and resinous hydrocarbon mixtures, Production of valuable. M. Pier and A. Eisenhut. 2,055,135; Sept. 22.
- Oils from mineral oils, Recovery and purification of lubricating. F. X. Govers. 2,041,677; May 19.
- Oils in internal combustion engines, Refining of lubricating. F. W. Manning. 2,055,870; Sept. 29.
- Oils into lower boiling point hydrocarbon products, Conversion of heavy hydrocarbon. E. A. Ocon. 2,052,148; Aug. 25.
- Oils, Lowering the pour point of mineral. F. R. Moser. 2,055,417; Sept. 22.
- Oils, Lubricating. E. F. Pevere and C. G. Ludeman. 2,031,227; Feb. 18.
- Oils, Lubricating. A. W. Ralston and C. W. Christensen. 2,033,543; Mar. 10.
- Oils, Lubricating. A. W. Ralston, C. W. Christensen, and W. M. Selby. 2,033,546; Mar. 10.
- Oils, Lubricating. A. W. Ralston, W. O. Pool, and J. Harwood. 2,053,045; Sept. 1.
- Oils, Making high viscosity index. H. T. Bennett. 2,044,603; June 16.
- Oils, Manufacture of green bloom lubricating. D. K. Harger. 2,051,255; Aug. 18.
- Oils, Manufacture of lubricating. V. Henny. 2,047,780; July 14.
- Oils, Method and apparatus for distilling. W. W. Kraft. 2,053,670; Sept. 8.
- Oils, Method of dehydrating. P. B. Renfrew. 2,062,934; Dec. 1.
- Oils of high saturation, Producing mineral. W. H. Volck. 2,047,755; July 14.
- Oils of low pour point, Producing. C. Winning and P. L. Young. 2,045,742; June 30.
- Oils of waterless gasholders, Demulsifying the sealing. H. Dellmann. 2,027,965; Jan. 14.
- Oils or their fatty acids, Sulphonation of. A. Rheiner and J. Link. 2,044,400; June 16.
- Oils, Polymerization of hydrocarbon. R. C. Osterstrom. 2,056,978; Oct. 13.
- Oils, Process and apparatus for dewaxing. B. G. Aldridge and B. Hopper. 2,042,758; June 2.
- Oils, Process and apparatus for dewaxing. H. F. Fisher and B. G. Aldridge. 2,042,887; June 2.
- Oils, Process and apparatus for dewaxing. D. R. Merrill. 2,031,118; Feb. 18.
- Oils, Process and apparatus for dewaxing. D. R. Merrill. 2,060,517; Nov. 10.
- Oils, Process and apparatus for treating hydrocarbon. J. G. Alther. 2,063,072; Dec. 8.
- Oils, Process and apparatus for treating hydrocarbon. P. C. Keith, Jr. 2,033,472; Mar. 10.
- Oils, Process and apparatus for treating mineral. M. R. Fenske and W. B. McCluer. 2,037,318; Apr. 14.
- Oils, Process and apparatus for treating mineral. M. R. Fenske and W. B. McCluer. 2,064,422; Dec. 15.
- Oils, Process and reagent for desalting crude. P. R. Hershman. 2,064,541; Dec. 15.
- Oils, Process for treating mineral. M. R. Fenske and W. B. McCluer. 2,052,971; Sept. 1.
- Oils, Process of treating hydrocarbon. J. F. Wait. 2,058,534; Oct. 27.
- Oils, Producing lubricating. M. B. Chittick. 2,048,992; July 28.
- Oils, Producing lubricating. J. V. Starr and D. F. Edwards. 2,028,361; Jan. 21.
- Oils, Production of lubricating. U. B. Bray and C. E. Swift. 2,040,239; May 12.
- Oils, Purification of hydrocarbon. J. A. Reid and W. A. Schulze. 2,058,720; Oct. 27.
- Oils, Purifying. C. J. Rodman, M. Hecht, and C. L. Jones. 2,047,157; July 7.
- Oils, Purifying and dewaxing mineral. G. J. Strezynski. 2,066,164-5; Dec. 29.
- Oils, Purifying and refining hydrocarbon. A. Lachman. 2,035,607-8; Mar. 31.
- Oils, Purifying hydrocarbon. C. O. Hoover. 2,042,050; May 26.
- Oils, Purifying, insulating, and lubricating. P. B. Renfrew. 2,062,933; Dec. 1.
- Oils, Quenching. G. C. Shepherd, Jr. 2,031,431; Feb. 18.
- Oils, Refining hydrocarbon. A. Lachman. 2,042,718; June 2.
- Oils, Refining hydrocarbon. LeR. G. Story. 2,043,936; June 9.
- Oils, Refining mineral. F. R. Moser. 2,055,416; Sept. 22.
- Oils, Refining mineral. G. J. Strezynski. 2,062,733; Dec. 1.
- Oils, Refining of. E. J. Martin. 2,046,177; June 30.
- Oils, Refining of hydrocarbon. S. Comay. 2,045,262; June 23.
- Oils, Refining of vegetable. E. M. James. 2,050,844; Aug. 11.
- Oils, Refining petroleum. L. Liberthson. 2,050,345; Aug. 11.
- Oils, Road. J. W. Sparks. 2,059,051; Oct. 27.
- Oils, Soluble. H. S. Birkby. 2,049,043; July 28.
- Oils, Solvent extraction of. U. B. Bray. 2,031,205; Feb. 18.
- Oils, Solvent extraction of hydrocarbon. D. R. Merrill. 2,054,295; Sept. 15.
- Oils, Stabilization of nondrying and semidrying. J. K. Hunt. 2,064,610; Dec. 15.
- Oils, Stabilized refined mineral, vegetable, and animal. H. E. Buc. 2,031,930; Feb. 25.
- Oils, Stabilizing. A. Lazar and J. M. Evans. 2,058,696; Oct. 27.
- Oils, Stabilizing mineral. B. H. Shoemaker and K. Taylor. 2,057,212; Oct. 13.



- Oils, Stabilizing white. F. M. Archibald. 2,035,418; Mar. 24.
- Oils, Sweetening hydrocarbon. W. A. Schulze and L. V. Chaney. 2,028,998; Jan. 28.
- Oils, Synthetic lubricating. F. H. MacLaren. 2,030,832; Feb. 11.
- Oils to non drying oils, Converting drying. B. S. Buckmaster. 2,061,829; Nov. 24.
- Oils to produce decolorized lubricating oil stocks, Treating fresh unused petroleum. A. R. Moorman and I. C. Carpenter. 2,045,160; June 23.
- Oils to remove off taste and stabilize same against rancidity, Treating fatty. C. E. Macke. 2,058,162; Oct. 20.
- Oils, Treating. B. G. Aldridge and B. Hopper. 2,041,278; May 19.
- Oils, Treating. U. B. Bray. 2,041,275-7; May 19.
- Oils, Treating. A. Loebel. 2,051,612; Aug. 18.
- Oils, Treating. C. T. Loughrey. 2,034,818; Mar. 24.
- Oils, Treating. J. F. Wait. 2,059,542; Nov. 3.
- Oils, Treating hydrocarbon. P. C. Keith, Jr. 2,050,847; Aug. 11.
- Oils, Treating hydrocarbon. A. G. Peterkin, Jr. 2,040,064; May 5.
- Oils, Treating hydrocarbon. R. B. Pierce and A. W. Trusty. 2,060,112; Nov. 10.
- Oils, Treating hydrocarbon. O. G. Pratt. 2,034,989; Mar. 24.
- Oils, Treating hydrocarbon. E. W. Rembert. 2,039,981; May 5.
- Oils, Treating hydrocarbon. L. G. Story. 2,050,816; Aug. 11.
- Oils, Treating hydrocarbon. W. M. Stratford. 2,043,016; June 2.
- Oils, Treating hydrocarbon. P. H. Sullivan and H. V. Atwell. 2,050,025; Aug. 4.
- Oils, Treating hydrocarbon. C. W. Watson. 2,039,239; Apr. 28.
- Oils, Treating lubricating. L. H. Robertson and W. A. Eberle. 2,038,604; Apr. 28.
- Oils, Treating lubricating and other. C. Ellis. 2,062,355; Dec. 1.
- Oils, Treating mineral. M. R. Fenske and W. B. McCluer. 2,037,319; Apr. 14.
- Oils, Treating mineral. M. R. Fenske and W. B. McCluer. 2,047,363; July 14.
- Oils, Treating mineral. C. O. Hoover. 2,042,052; May 26.
- Oils, Treating mineral. W. B. McCluer and M. R. Fenske. 2,047,380; July 14.
- Oils, Treating petroleum. E. B. Hjerpe and W. A. Gruse. 2,046,951; July 7.
- Oils, Treatment of hydrocarbon. O. Behimer. 2,064,816; Dec. 22.
- Oils, Treatment of hydrocarbon. J. Cutter. 2,066,097; Dec. 29.
- Oils, Treatment of hydrocarbon. R. B. Day. 2,029,256; Jan. 28.
- Oils, Treatment of hydrocarbon. R. B. Day. 2,029,758; Feb. 4.
- Oils, Treatment of hydrocarbon. R. B. Day. 2,055,027; Sept. 22.
- Oils, Treatment of hydrocarbon. R. B. Day. 2,063,491; Dec. 8.
- Oils, Treatment of hydrocarbon. R. J. Dearborn and W. M. Stratford. 2,028,100; Jan. 14.
- Oils, Treatment of hydrocarbon. L. De Florez. 2,027,334; Jan. 7.
- Oils, Treatment of hydrocarbon. G. Egloff. 2,060,291; Nov. 10.
- Oils, Treatment of hydrocarbon. G. Egloff and A. Fisher. 2,061,833; Nov. 24.
- Oils, Treatment of hydrocarbon. G. Egloff and J. C. Morrell. 2,040,366; May 12.
- Oils, Treatment of hydrocarbon. G. Egloff and J. C. Morrell. 2,057,424; Oct. 13.
- Oils, Treatment of hydrocarbon. G. Egloff and J. C. Morrell. 2,063,494; Dec. 8.
- Oils, Treatment of hydrocarbon. S. W. Ferris. 2,046,063; June 30.
- Oils, Treatment of hydrocarbon. W. W. Gary and J. T. Ward. 2,045,458; June 23.
- Oils, Treatment of hydrocarbon. A. V. Grosse. 2,029,100; Jan. 28.
- Oils, Treatment of hydrocarbon. A. V. Grosse. 2,037,781; Apr. 21.
- Oils, Treatment of hydrocarbon. V. Ipatieff. 2,037,789-92; Apr. 21.
- Oils, Treatment of hydrocarbon. V. Ipatieff. 2,039,798; May 5.
- Oils, Treatment of hydrocarbon. V. Ipatieff. 2,057,433; Oct. 13.
- Oils, Treatment of hydrocarbon. V. Ipatieff and A. V. Grosse. 2,057,432; Oct. 13.
- Oils, Treatment of hydrocarbon. C. D. Lowry, Jr. 2,049,013; July 28.
- Oils, Treatment of hydrocarbon. R. E. Manley and W. Ullrich. 2,054,774; Sept. 15.
- Oils, Treatment of hydrocarbon. W. F. Moore. 2,036,968; Apr. 7.
- Oils, Treatment of hydrocarbon. J. C. Morrell. 2,029,115; Jan. 28.
- Oils, Treatment of hydrocarbon. J. C. Morrell. 2,034,197; Mar. 17.
- Oils, Treatment of hydrocarbon. J. C. Morrell. 2,045,234; June 23.
- Oils, Treatment of hydrocarbon. J. C. Morrell. 2,049,016; July 28.
- Oils, Treatment of hydrocarbon. J. C. Morrell. 2,063,113; Dec. 8.
- Oils, Treatment of hydrocarbon. J. C. Morrell. 2,064,846; Dec. 22.
- Oils, Treatment of hydrocarbon. J. C. Morrell and G. Egloff. 2,040,395-6; May 12.
- Oils, Treatment of hydrocarbon. J. C. Morrell and G. Egloff. 2,057,629-30; Oct. 13.
- Oils, Treatment of hydrocarbon. J. C. Morrell and G. Egloff. 2,063,517; Dec. 8.
- Oils, Treatment of hydrocarbon. J. C. Morrell and G. Egloff. 2,063,518; Dec. 8.
- Oils, Treatment of hydrocarbon. W. A. Schulze. 2,045,057; June 23.
- Oils, Treatment of hydrocarbon. J. D. Seguy. 2,037,933; Apr. 21.
- Oils, Treatment of hydrocarbon. F. J. Skowronski. 2,046,907; July 7.
- Oils, Treatment of lubricating. A. A. Griffith and W. Helmore. 2,032,279; Feb. 25.
- Oils, Treatment of mineral. L. P. Chebotar. 2,036,396; Apr. 7.
- Oils, Treatment of petroleum. E. B. Hjerpe and W. A. Gruse. 2,042,995; June 2.
- Oils with a selective solvent, Treating residual. R. K. Stratford and G. W. Gurd. 2,035,102; Mar. 24.
- Oils with alkali polysulphides, Sweetening hydrocarbon. W. A. Schulze and L. V. Chaney. 2,034,837; Mar. 24.
- Oils with aluminum salts, Purifying and refining hydrocarbon. A. Lachman. 2,035,610; Mar. 31.
- Oils with copper salts, Purifying and refining hydrocarbon. A. Lachman. 2,035,609; Mar. 31.
- Oils with phenol at high temperatures, Treating lubricating. R. K. Stratford. 2,052,196; Aug. 25.
- Olefine concentration and polymerization. R. F. Ruthruff, J. K. Roberts, and M. T. Carpenter. 2,035,409; Mar. 24.
- Olefine derivatives, Process and product relating to. E. Eichwald. 2,055,456; Sept. 22.
- Olefine oxides, Manufacture of. A. J. van Peski. 2,040,782; May 12.
- Olefine sulphide, Refining. W. W. Duecker and C. R. Payne. 2,056,837; Oct. 6.
- Olefines, Esterification of. W. M. Lee. 2,041,193; May 19.
- Olefines, Hydration of. H. Dreyfus. 2,045,842; June 30.
- Olefines, Hydration of. A. W. Francis. 2,055,720; Sept. 29.
- Olefines, Hydration of. G. F. Horsley. 2,064,116; Dec. 15.
- Olefines, Hydration of. W. P. Joshua, H. M. Stanley, and J. B. Dymock. 2,052,095; Aug. 25.
- Olefines, Polymerization of. V. Ipatieff and V. Komarevsky. 2,051,859; Aug. 25.
- Olefines, Production of hydrated. F. A. Bent and S. N. Wik. 2,036,317; Apr. 7.
- Olefines, Sulphating. R. F. Le Baron. 2,028,226; Jan. 21.
- Olefines, Sulphating mixtures of. B. T. Brooks. 2,058,851; Oct. 27.
- Olefines, Sulphation of. P. S. Greer and R. Gorman, Jr. 2,055,763; Sept. 29.
- Olefines with sulphuric acid, Reacting. K. B. Lacy. 2,064,667; Dec. 15.
- Oleo gear. J. R. Cautley. 2,055,248; Sept. 22.
- Oleoresin, Refining of natural. R. W. Frey and W. C. Smith. 2,039,481; May 5.
- Oleum, Production of. J. Bayer. 2,034,554; Mar. 17.
- 1-amino-2-anthraquinonyl-anthraquinone-azoles. P. Nawlasky, B. Stein, E. Berthold, and R. Zell. 2,030,824; Feb. 11.
- 1-(B-hydroxyethylamino)-5-naphthol and preparing same. A. H. Knight. 2,041,838; May 26.
- One-button switch. A. von Kilian. 2,042,369; May 26.
- 1,8- and 1,5-naphthylamine-sulphonic acids, Separation of. J. M. Tinker. 2,036,661; Apr. 7.
- 115 volt ultra-violet lamp. J. W. Marden. 2,032,945; Mar. 3.
- 1-Nitro-anthraquinonyl-6-amino compounds and their production. E. E. Beard. 2,043,985; June 16.
- 1,3-diamino-2-methyl propanol-2. E. C. Britton and H. S. Nutting. 2,048,990; July 28.
- 1,2-amino-ketones, Preparing cyclic. P. W. Neber. 2,055,583; Sept. 29.
- 1,2-diaminobenzene, Manufacture of. C. Graenacher and R. Sallmann. 2,036,134; Mar. 31.
- One-way brake. H. T. Thomas and A. B. Hays. 2,033,362; Mar. 10.
- One-way clutch. A. Y. Dodge. 2,039,149; Apr. 28.
- One-way clutch. W. A. Jex. 2,060,376; Nov. 10.
- O-nitro-anisole, Manufacture of. M. A. Dahlen, H. G. Clapp, and S. B. Jordan. 2,056,260; Oct. 6.
- Open-hearth furnace. L. C. Edgar. 2,040,472; May 12.
- Open hearth furnace. K. von der Lahr. 2,046,279; June 30.
- Open-hearth furnace, Nonreversing. F. H. Loftus. 2,028,290; Jan. 21.
- Opener and can perforator, Combined can. J. L. Donat. 2,043,654; June 9.
- Opener and dispensing means, Can. C. W. Hathaway. 2,040,484; May 12.
- Opener and funnel, Adjustable can. E. H. Tompkins. 2,058,925; Oct. 27.
- Opener and sealer, Bottle. G. J. Bauch. 2,041,391; May 19.



- Opener and sealer, Jar. H. T. Harris. 2,046,683; July 7.  
Opener and spout for paper bottles, Combined. J. F. Moran and C. F. Bentschinger. 2,058,905; Oct. 27.  
Opener, Bag. A. Vorwerk. 2,038,916; Apr. 28.  
Opener, Bottle. C. H. Fink. 2,033,098; Mar. 3.  
Opener, Can. H. L. Dazey. 2,029,812; Feb. 4.  
Opener, Can. E. F. Ernst. 2,037,410; Apr. 14.  
Opener, Can. H. V. Gould. 2,041,288; May 19.  
Opener, Can. M. Higgs. 2,058,875; Oct. 27.  
Opener, Can. F. F. Hosmer. 2,028,778; Jan. 28.  
Opener, Can. H. E. Kittle. 2,059,367; Nov. 3.  
Opener, Can. L. R. Morgan. 2,031,845; Feb. 25.  
Opener, Can. B. Polák. 2,061,208; Nov. 17.  
Opener, Can. E. M. Quimby. 2,044,327; June 16.  
Opener, Can. H. Schrader. 2,053,637; Sept. 8.  
Opener, Can. O. N. Wiswell. 2,040,586; May 12.  
Opener, capper, and dispenser, Bottle. H. J. Youngblood. 2,046,804; July 7.  
Opener, Combined milk can and bottle. W. F. Harris. 2,049,116; July 28.  
Opener, Container. C. F. Gailor. 2,039,643; May 5.  
Opener, Container. L. A. Leppke. 2,046,879; July 7.  
Opener, Electric door. C. R. Young. 2,053,172; Sept. 1.  
Opener, Jar. A. Argauer. 2,043,144; June 2.  
Opener, Jar lid. R. V. Harrold. 2,039,077; Apr. 28.  
Opener, Milk can. R. De Trempe. 2,052,084; Aug. 25.  
Opener, Milk can. J. Lyon. 2,040,615; May 12.  
Opener, Package or carton. J. P. Bolt. 2,065,422; Dec. 22.  
Opening and pouring device for cans. O. N. Wiswell. 2,040,585; May 12.  
Operating chair. A. J. May. 2,059,130; Oct. 27.  
Operating device for direction indicating appliances. R. Sarber. 2,060,695; Nov. 10.  
Operating device for use with calculating machines, Automatic. A. Kottmann. 2,054,904; Sept. 22.  
Operating means for four-way view finder mats. G. A. Mitchell. 2,058,813; Oct. 27.  
Operating mechanism. R. R. Bush. 2,031,458; Feb. 18.  
Operating mechanism. L. J. Linde. 2,034,145; Mar. 17.  
Operating mechanism for elevators. W. Johnson. 2,033,524; Mar. 10.  
Operating mechanism for overhead doors. W. M. Brunst. 2,041,221; May 19.  
Operating mechanism for railway car doors. J. S. Swann. 2,041,650; May 19.  
Operating mechanism having automatically repeated action. E. W. Brown. 2,056,599; Oct. 6.  
Operating table. F. de Quervain. 2,037,888; Apr. 21.  
Operating table, Undertaker's. E. Ocacek. 2,041,087; May 19.  
Operator, Automatic. S. L. Kerr. 2,050,338; Aug. 11.  
Operator for counterbalanced windows. H. E. Campbell. 2,059,436; Nov. 3.  
Operator for elevator gates. R. S. Peelle. 2,048,514; July 21.  
Operator for railway traffic controlling devices, Emergency. H. B. Taylor. 2,045,930; June 30.  
Operator for roll top doors. E. H. McCloud. 2,062,593; Dec. 1.  
Ophthalmic device. A. M. Krementz. 2,037,581; Apr. 14.  
Ophthalmic instrument. J. R. Cohen. 2,065,430; Dec. 22.  
Ophthalmic instrument. C. E. and G. R. Ferree. 2,045,704; June 30.  
Ophthalmic instrument. H. R. Higley. 2,033,634; Mar. 10.  
Ophthalmic lens and blank therefor, Multifocal. J. H. Hammon. 2,029,479-80; Feb. 4.  
Ophthalmoscope. W. N. Allyn. 2,027,663; Jan. 14.  
Opposed piston engine. P. C. Mulligan. 2,040,182; May 12.  
Optical device. C. H. Matz. 2,062,468; Dec. 1.  
Optical device for the examination of axial directions and the like. O. Eppenstein. 2,055,684; Sept. 29.  
Optical effects by electrical means, Method of and apparatus for obtaining. G. W. Walton. 2,029,401; Feb. 4.  
Optical exerciser. S. W. Silverstein. 2,035,511; Mar. 31.  
Optical glass composition. M. R. Scott. 2,064,361; Dec. 15.  
Optical inspection of screw threads. C. F. Smith. 2,057,927; Oct. 20.  
Optical instrument. H. R. Spitler and A. S. Cameron. 2,057,983; Oct. 20.  
Optical printing machine for reticulated films. K. Rantsch. 2,036,499; Apr. 7.  
Optical projection apparatus. G. H. Miles. 2,046,202; June 30.  
Optical reduction sound printer. R. F. Brady. 2,063,867; Dec. 8.  
Optical reflection and sound reproducing apparatus. F. G. Salcedo. 2,033,957; Mar. 17.  
Optical system. F. E. Altman. 2,043,916; June 9.  
Optical system. F. E. Altman. 2,047,244; July 14.  
Optical system. A. D. Eitzen. 2,037,014; Apr. 14.  
Optical system. A. D. Eitzen. 2,064,893; Dec. 22.  
Optical system and automatic control for the same. W. L. Wright. 2,028,485; Jan. 21.  
Optical system and method. L. M. Dieterich. 2,055,859; Sept. 29.  
Optical system for observing displacement or deflection in connection with measuring instruments. J. C. Templeton. 2,038,914; Apr. 28.  
Optical system for photographic apparatus. J. Mihalyi. 2,036,428; Apr. 7.  
Optical system to form highly compressed bright line image of light source. A. J. Holman. 2,036,275; Apr. 7.  
Optical testing stand. F. G. Williams. 2,052,591; Sept. 1.  
Optical valve. G. W. Walton. 2,030,235; Feb. 11.  
Oral cavity appliance. J. D. Locke. 2,037,079; Apr. 14.  
Orchard heater. W. A. S. Harmon. 2,028,327; Jan. 21.  
Orchard heater. C. H. S. Littleton. 2,050,577; Aug. 11.  
Orchard heater. J. F. Mahlstedt. 2,050,760; Aug. 11.  
Orchard heater. H. F. Summerhays. 2,029,548; Feb. 4.  
Orchard protective system. J. D. R. De Land. 2,039,522; May 5.  
Ordinance sight. J. C. Karnes. 2,032,366; Mar. 3.  
Ore concentrating device. P. H. Stevenson. 2,052,809; Sept. 1.  
Ore concentrating machine. E. W. Greene and R. M. Wilbur. 2,047,773; July 14.  
Ore concentration. R. L. Perkins. 2,049,470; Aug. 4.  
Ore concentration, Apparatus for. S. Malke. 2,057,338; Oct. 13.  
Ore concentrator. C. E. Bye. 2,034,225; Mar. 17.  
Ore concentrator. J. F. Noel. 2,035,564; Mar. 31.  
Ore crushing mill. G. H. Beers. 2,032,247; Feb. 25.  
Ore extraction. G. J. MacKay. 2,028,940; Jan. 28.  
Ore loading machine. B. R. Sheets. 2,059,660; Nov. 3.  
Ore material, Treating a zinc bearing. T. A. Mitchell. 2,039,331; May 5.  
Ore materials, Chloridizing. T. A. Mitchell. 2,045,092; June 23.  
Ore materials, Chloridizing. R. L. Sessions. 2,055,613; Sept. 29.  
Ore mill. A. J. Schlunegger. 2,030,323; Feb. 11.  
Ore reducing machine. A. D. Hadsel. 2,064,109; Dec. 15.  
Ore, Roasting. B. M. Carter and H. F. Merriam. 2,065,563; Dec. 29.  
Ore separation, Froth flotation. F. A. Brinker. 2,048,370; July 21.  
Ore smelting and converting furnace. J. Anson. 2,056,499; Oct. 6.  
Ore smelting and reduction process. M. Fränkl. 2,040,650-1; May 12.  
Ores and minerals, Method and apparatus for roasting and heat treating. C. Q. Payne. 2,039,833; May 5.  
Ores and similar materials, Method of and apparatus for treating. H. E. Keyes. 2,036,578; Apr. 7.  
Ores and the like, Sintering and roasting. A. Holmberg. 2,041,472; May 19.  
Ores, Apparatus for concentrating. H. H. Wade. 2,052,431; Aug. 25.  
Ores, Apparatus for roasting. B. M. Carter. 2,056,564; Oct. 6.  
Ores, Apparatus for the amalgamation of. C. J. F. Phily, dit de Phily. 2,043,115; June 2.  
Ores, Apparatus for the treatment of. C. F. Parraga. 2,045,919; June 30.  
Ores, Apparatus for treating. A. Ewart. 2,061,698; Nov. 24.  
Ores by froth flotation, Concentrating all kinds of precious metal. C. G. R. Melzer. 2,030,526; Feb. 11.  
Ores by metallic calcium, Reduction of. P. P. Alexander. 2,043,363; June 9.  
Ores, Concentrating. L. D. Anderson. 2,046,312; July 7.  
Ores, Device for milling and separating. J. H. Dequer. 2,026,825; Jan. 7.  
Ores, Froth flotation treatment of. F. A. Brinker. 2,048,369; July 21.  
Ores, Method and apparatus for roasting. T. V. Fowler, Jr. 2,035,699; Mar. 31.  
Ores, Method of and apparatus for the reduction of oxide. J. D. Bradley. 2,057,554; Oct. 13.  
Ores, Preferential sulphatization of complex. S. J. Broderick and E. H. Brown. 2,036,015; Mar. 31.  
Ores, Roasting sulphide. E. P. Fleming. 2,026,621-2; Jan. 7.  
Ores, Smelting of. I. J. Simcox and R. L. Peek. 2,035,016; Mar. 24.  
Ores, Smelting sulphide. R. F. Bacon. 2,042,576; June 2.  
Ores, Treating ferrous. F. Johannsen. 2,026,683; Jan. 7.  
Ores, Treating lead sulphide. T. A. Mitchell. 2,054,226; Sept. 15.  
Ores, Treatment of sulphur bearing. I. Hechenbleikner. 2,039,645; May 5.  
Ores, Treatment of lateritic. E. W. Wescott. 2,036,664; Apr. 7.  
Organ. M. E. Hardy. 2,035,806; Mar. 31.  
Organ, Electric. E. E. Coupleux. 2,043,828; June 9.  
Organ, Pipe. C. S. Norburn. 2,049,077; July 28.  
Organ stop. C. S. Norburn. 2,049,076; July 28.  
Organic cellular materials, Treatment of. E. J. Wolf. 2,031,243; Feb. 18.  
Organic composition, Stabilized. H. N. Holmes. 2,051,257; Aug. 18.  
Organic compounds and the products produced thereby, Controlling the oxidation of certain. A. E. Briod. 2,050,689; Aug. 11.  
Organic compounds capable of splitting off halogen, Producing. H. Ulrich and P. Koerdig. 2,037,442; Apr. 14.  
Organic compounds, Dehydrating. S. C. Carney. 2,048,178; July 21.  
Organic compounds from aqueous solutions, Separating volatile. P. Berthélemy and F. Baylocq. 2,045,513; June 23.



- Organic compounds from olefins, Production of oxygenated. H. G. Schneider and J. V. Sommer. 2,052,195; Aug. 25.
- Organic compounds from unsaturated hydrocarbons, Production of oxygenated. H. G. Schneider. 2,065,540; Dec. 29.
- Organic compounds, Hydrogenation of oxygenated. J. C. Woodhouse. 2,043,688; June 9.
- Organic compounds, Manufacture of oxygenated. H. Dreyfus. 2,045,843; June 30.
- Organic compounds, Preparation of polymerized. R. T. Fields. 2,057,673; Oct. 20.
- Organic compounds, Production of halogenated. A. F. A. Reynhart. 2,043,932; June 9.
- Organic compounds, Production of oxygenated. R. L. Brown. 2,030,048; Feb. 11.
- Organic constituents from black liquor, Recovery of. R. H. McKee. 2,063,177; Dec. 8.
- Organic constituents of pyroigneous acid, Separating the volatile liquid. P. Berthélemy and F. Baylocq. 2,044,766; June 23.
- Organic hydroxy compounds, Preparation of halogenated. S. L. Langedijk. 2,046,469; July 7.
- Organic materials, Ammoniating. R. O. E. Davis and W. Scholl. 2,027,766; Jan. 14.
- Organic matter, Process and apparatus for treating decomposable. G. H. Roeder. 2,043,265; June 9.
- Organic substances employed in the manufacture of varnishes and the like, Melting and treating. W. Krumbhaar. 2,061,469; Nov. 17.
- Organic substances, Method and apparatus for drying. A. E. Wigelsworth. 2,060,389; Nov. 10.
- Organic substances, Reducing. R. Bayer. 2,057,996; Oct. 20.
- Organisms, Destruction of living. A. G. Worthing and R. S. Euler. 2,069,835; Nov. 3.
- Organo derivatives of phosphoric acid, Liquid. E. C. Britton. 2,033,918; Mar. 17.
- Orientating and carton feeding device. J. A. Lidberg and A. S. Chandler. 2,041,358; May 19.
- Orientating and carton filling device. J. A. Lidberg and A. S. Chandler. 2,047,106; July 7.
- Ornament. J. A. Kmicic. 2,033,288; Mar. 10.
- Ornament. P. D. Newton. 2,050,453; Aug. 11.
- Ornament. F. W. Oltmanns. 2,043,770; June 9.
- Ornament. R. De Rosa. 2,026,934; Jan. 7.
- Ornament. R. De Rosa. 2,028,593; Jan. 21.
- Ornament, Christmas tree. E. C. Dalton. 2,039,394; May 5.
- Ornament, Christmas tree. W. A. McCluskey. 2,042,905; June 2.
- Ornament, Christmas tree. M. Pretzfelder. 2,059,653; Nov. 3.
- Ornament holder. J. B. Head. 2,046,781; July 7.
- Ornament, Initial. W. Huppert. 2,039,248; Apr. 28.
- Ornament mounting structure. G. S. Merk. 2,058,168; Oct. 20.
- Ornament mounting structure. G. C. Wilson. 2,037,670; Apr. 14.
- Ornament, Perfumed. J. E. Vivaudou and H. G. Lubin. 2,058,274; Oct. 20.
- Ornament, Wall. J. Rubin. 2,026,708; Jan. 7.
- Ornamental article and fabricating the same. J. N. Otter. 2,041,481; May 19.
- Ornamental composite fabric. S. Sobie. 2,045,317; June 23.
- Ornamental fabric and production. R. W. Sexton. 2,062,336; Dec. 1.
- Ornamental material. J. T. Dowdall. 2,051,077; Aug. 18.
- Ornamental narrow fabric. J. W. Stark. 2,049,028; July 28.
- Ornamental product. A. H. Cohn. 2,033,113; Mar. 10.
- Ornamental woven fabric. L. Hamer. 2,065,309; Dec. 22.
- Ornamental woven fabric. L. Hamer and J. Jarmak. 2,044,846; June 23.
- Ornamentation. A. F. Reilly. 2,028,013; Jan. 14.
- Ornamentation and producing the same. E. J. Farwell. 2,035,540; Mar. 31.
- Ornamentation for bags. A. Landis. 2,027,441; Jan. 14.
- Ornamented ceramic structure. E. C. Gaertner and G. W. Shoemaker. 2,036,131; Mar. 31.
- Ornamenting machine. B. W. Freeman. 2,035,956; Mar. 31.
- Ornamenting machine. B. W. Freeman and J. Schneider. 2,047,198; July 14.
- Ornamenting transparent articles. H. W. Akroyd. 2,040,163; May 12.
- Ortho-alkylphenolic compounds, Nitrated. J. D. Pollard. 2,048,168; July 21.
- Orthodontia appliance. H. J. Russell. 2,046,414; July 7.
- Orthodontia molding device. R. Lambert. 2,030,524; Feb. 11.
- Orthodontic appliance. A. B. Brusse and J. L. Carman. 2,062,395; Dec. 1.
- Orthodontic appliance. P. N. Williams. 2,029,904; Feb. 4.
- Ortho-nitro-anisole, Manufacture of. H. J. Welland and O. Stallmann. 2,038,620; Apr. 28.
- Orthopedic device. J. Mankinen. 2,063,818; Dec. 8.
- Orthopedic instrument for the detection of foot disorders. C. Owens. 2,043,187; June 2.
- Oscillating clothes washer. C. W. Adair. 2,039,508; May 5.
- Oscillating joint. I. W. Robertson. 2,049,024; July 28.
- Oscillating system. N. E. Lindenblad. 2,042,321; May 26.
- Oscillating system, Phase controlled. S. N. Baruch. 2,030,090; Feb. 11.
- Oscillating turn for conveyers. C. N. Bebinger. 2,050,153; Aug. 4.
- Oscillation control device. A. Herckmans. 2,030,987; Feb. 18.
- Oscillation generation. C. W. Hansell. 2,028,833; Jan. 28.
- Oscillation generation. N. E. Lindenblad. 2,042,345; May 26.
- Oscillation generation. G. L. Usselman. 2,057,170; Oct. 13.
- Oscillation generator. A. M. Braaten. 2,051,936; Aug. 25.
- Oscillation generator. F. H. Drake. 2,027,521; Jan. 14.
- Oscillation generator. F. H. Engel. 2,031,100; Feb. 18.
- Oscillation generator. E. Klotz and H. O. Roosenstein. 2,059,587; Nov. 3.
- Oscillation generator. J. L. Reinartz. 2,058,260; Oct. 20.
- Oscillation generator. W. van B. Roberts. 2,060,592; Nov. 10.
- Oscillation generator, Constant frequency. A. M. Braaten. 2,058,559; Oct. 27.
- Oscillation generator, Crystal controlled. J. L. Finch. 2,046,618; July 7.
- Oscillation generator, Thermionic. H. J. H. Wassell. 2,053,787; Sept. 8.
- Oscillation generator, Ultra short wave. D. Prinz and H. O. Roosenstein. 2,042,864; June 2.
- Oscillation of motors, Arrangement for producing torsional. P. L. Alger. 2,032,900; Mar. 3.
- Oscillation system. N. P. Case. 2,036,319; Apr. 7.
- Oscillation system, High frequency. C. W. Hansell. 2,037,977; Apr. 21.
- Oscillation-type lock. J. L. Adams, Jr. 2,031,089; Feb. 18.
- Oscillations, Device for the production of. I. Hausser. 2,054,252; Sept. 15.
- Oscillations, Mechanical recording of. W. Six. 2,063,560; Dec. 8.
- Oscillations of high frequency, Producing. K. Rau. 2,055,591; Sept. 29.
- Oscillations on a carrier, Recording of. J. A. Miller. 2,034,111; Mar. 17.
- Oscillations, Production of. K. Heegner. 2,031,106; Feb. 18.
- Oscillator. A. H. Taylor and L. C. Young. 2,029,346; Feb. 4.
- Oscillator and modulator. H. F. Elliott. 2,065,672; Dec. 29.
- Oscillator circuit, Local. T. J. Weyers. 2,061,818; Nov. 24.
- Oscillator, Crystal controlled. D. W. R. Goddard. 2,041,408; May 19.
- Oscillator, Crystal controlled. H. O. Peterson. 2,027,448; Jan. 14.
- Oscillator-detectors. G. Mountjoy. 2,049,777; Aug. 4.
- Oscillator, Electric. O. M. Shattuck and M. E. Fulk. 2,031,076; Feb. 18.
- Oscillator, Electron coupled thermionic. H. W. Parker. 2,030,931; Feb. 18.
- Oscillator, Electronic. H. E. Hollmann. 2,054,816; Sept. 22.
- Oscillator for electromagnetic waves, Composite. J. S. Stone. 2,026,712; Jan. 7.
- Oscillator, High frequency. L. A. Gebhard. 2,043,242; June 9.
- Oscillator, High frequency. C. W. Hansell. 2,037,897; Apr. 21.
- Oscillator, High frequency. G. A. Hobart, 3d. 2,051,601; Aug. 18.
- Oscillator, High frequency. I. Langmuir. 2,051,609; Aug. 18.
- Oscillator, High frequency. L. Tonks. 2,051,623; Aug. 18.
- Oscillator, Magneto-static. G. R. Kilgore. 2,064,012; Dec. 15.
- Oscillator, Magnetron type. E. G. Linder. 2,037,804; Apr. 21.
- Oscillator modulator. H. A. Wheeler. 2,034,013; Mar. 17.
- Oscillator, Negative resistance crystal controlled. E. L. Koch. 2,029,488; Feb. 4.
- Oscillator, Relaxation. H. R. Lubcke. 2,047,277; July 14.
- Oscillator, Scanning. P. T. Farnsworth. 2,059,683; Nov. 3.
- Oscillator, Short wave. H. N. Kozanowski. 2,060,508; Nov. 10.
- Oscillator system. W. W. Eitel and J. McCullough. 2,054,899; Sept. 22.
- Oscillator system. W. Soller. 2,035,574; Mar. 31.
- Oscillator with internal oscillating circuit, Magnetostatic. G. R. Kilgore. 2,046,688; July 7.
- Oscillatory gear. F. D. Byers. 2,039,679; May 5.
- Oscillatory joint. C. E. Summers. 2,053,583; Sept. 8.
- Oscillatory motor. G. H. Leland. 2,032,326; Feb. 25.
- Oscillograph. G. M. Rassweiler and E. J. Martin. 2,030,654; Feb. 11.
- Oscillograph, Electron discharge. B. J. Haskins and R. W. Reitherman. 2,062,174; Nov. 24.
- Osmium from ores and minerals, Extraction of. G. Braun. 2,049,488; Aug. 4.
- Outboard motor. R. Karasinski. 2,050,336; Aug. 11.
- Outdoor sign. W. W. Patterson. 2,054,230; Sept. 15.



- Outlet. H. F. Richardson. 2,042,633; June 2.  
 Outlet box. C. C. Buckels. 2,031,689; Feb. 25.  
 Outlet box. M. M. Clayton. 2,051,129; Aug. 18.  
 Outlet box, Adjustable. G. Kranz. 2,048,611; July 21.  
 Outlet box connector. J. M. G. Fullman. 2,052,394; Aug. 25.  
 Outlet box hanger. G. D. Seckinger. 2,032,636; Mar. 3.  
 Outlet, Convenience. G. B. Benander. 2,031,453; Feb. 18.  
 Outlet receptacle. W. H. Fabrey and J. Weber. 2,036,519; Apr. 7.  
 Outlet receptacle. H. Hubbell, Jr. 2,057,683; Oct. 20.  
 Outsoles to shoes, Attaching. S. J. Finn. 2,058,434; Oct. 27.  
 Oven and system of ventilation therefor. H. E. Somes. 2,040,884; May 19.  
 Oven and the like with heat circulating means therefor. T. Lydon. 2,039,429; May 5.  
 Oven, Bake. L. D. Houllis. 2,028,748; Jan. 28.  
 Oven, Bake. J. L. Shroyer. 2,040,675; May 12.  
 Oven, Bake. E. F. Sperling. 2,052,060; Aug. 25.  
 Oven, Baker's. C. T. Hatch. 2,032,751; Mar. 3.  
 Oven, Baking. C. Gottfried. 2,055,101; Sept. 22.  
 Oven, Baking. L. D. Houllis. 2,041,930; May 26.  
 Oven, Coke. J. McIntosh. 2,049,817; Aug. 4.  
 Oven, Constant temperature. W. D. Buckingham and L. F. Parker. 2,056,156; Oct. 6.  
 Oven, Drying. R. R. Lundy. 2,049,711; Aug. 4.  
 Oven, Electric. C. R. Anderson. 2,036,183; Apr. 7.  
 Oven, Electric. H. W. Schulze. 2,035,767; Mar. 31.  
 Oven, Electric cooking. J. H. Windemuller. 2,043,601; June 9.  
 Oven, equipment. W. A. Darrah. 2,048,431; July 21.  
 Oven equipment, Coke. O. H. Wilson. 2,057,125; Oct. 13.  
 Oven for cooking products by indirect heating, Tunnel. V. Spinette. 2,053,524; Oct. 27.  
 Oven, Gas-fired baking. G. Keith. 2,060,993; Nov. 17.  
 Oven Portable. O. W. Dukes. 2,057,373; Oct. 13.  
 Oven, Steaming. T. Lydon. 2,048,749; July 28.  
 Oven, Underfired coke. W. Beimann. 2,043,945; June 9.  
 Oven, Warming. E. E. Oxley. 2,057,734; Oct. 20.  
 Ovens, Regenerative compound coke. W. Mueller. 2,053,573; Sept. 8.  
 Overcoating containing diphenylene oxide, Light-filtering. T. F. Murray, Jr. 2,043,805; June 9.  
 Overflow device. W. C. Stollberg. 2,032,231; Feb. 25.  
 Overflow means for radiators. J. D. Harris. 2,051,705; Aug. 18.  
 Overhead door lock. D. M. Robinson. 2,048,377; July 21.  
 Overload control in radio sets, Automatic. L. F. Willing. 2,062,691; Dec. 1.  
 Overload release clutch, Automatic. J. E. Monroe. 2,044,712; June 16.  
 Overload release coupling. G. Fast. 2,038,896; Apr. 28.  
 Overrunning clutch. D. T. Brownlee. 2,043,695; June 9.  
 Overrunning clutch. F. W. Cotterman. 2,061,220; Nov. 17.  
 Overrunning clutch. W. C. Starkey. 2,038,063; Apr. 21.  
 Overseaming and pinking machine. M. Popper. 2,038,853; Apr. 28.  
 Overshoe, Golf. R. L. Clark and M. D. Focacci. 2,032,793; Mar. 3.  
 Overshoe, Snapless. E. W. Dunbar. 2,039,476; May 5.  
 Overshot, Releasing. E. Burns and H. P. Wickersham. 2,028,966; Jan. 28.  
 Overspeed switch. H. M. Edmunds. 2,062,121; Nov. 24.  
 Overthrow mechanism. W. J. Pearson and T. I. Brown. 2,035,715; Mar. 31.  
 Oxalate coating on nonferrous metal. L. P. Curtis. 2,060,365; Nov. 10.  
 Oxalyl chloride, Production of. P. J. Weizevich. 2,055,617; Sept. 29.  
 Oxazoline compound. M. Engelmann. 2,027,031; Jan. 7.  
 Oxidation of finely divided magnetic metals and metal compounds, Apparatus and process for effecting changes in degree of. R. Gahl. 2,048,111; July 21.  
 Oxidation, Prevention of. S. Musher. 2,026,697; Jan. 7.  
 Oxidation products of cystine and related compounds and making the same. G. Toennies. 2,049,480; Aug. 4.  
 Oxidation products, Purification of. J. H. James. 2,029,619; Feb. 4.  
 Oxidation products, Treating partial. J. H. James. 2,042,314; May 26.  
 Oxide and the chloride of magnesium, Manufacture of the. R. B. MacMullin. 2,039,653; May 5.  
 Oxide flotation. L. J. Christmann and S. A. Falconer. 2,029,156; Jan. 28.  
 Oxides of lead, tin, and zinc, Treating mixed. J. O. Berton and A. J. Phillips. 2,040,825; May 19.  
 Oxides of nitrogen, Absorption of. S. L. Handforth and A. F. Kozak. 2,034,863; Mar. 24.  
 Oxidized products, Making. W. B. D. Penniman. 2,044,014; June 16.  
 Oxycompounds, Treatment of unsaturated. H. P. A. Groll and G. Hearne. 2,046,556; July 7.  
 Oxygen and ammonia gases, Preparation of a mixture of. E. W. Harvey. 2,038,562; Apr. 28.  
 Oxygen containing products from hydrocarbons, Making. A. Schaarschmidt. 2,037,050; Apr. 14.  
 Oxygen content of gases, Determining the. A. J. Boynton. 2,036,251; Apr. 7.  
 Oxygen cutting apparatus. J. D. McKiernan and J. H. W. Begerow. 2,046,694; July 7.  
 Oxygen-enriched mixtures from air, Producing. R. Linde. 2,066,115; Dec. 29.  
 Oxygen from sodium perborate, Liberation of. F. C. Kerwin. 2,035,896; Mar. 31.  
 Oxygen of high purity, Apparatus for producing. G. J. Boshkoff. 2,046,284; June 30.  
 Oyster-opening machine. J. Kanzler. 2,052,231; Aug. 25.  
 Oysters preparatory to canning the same, Treating. C. H. Bloedorn. 2,051,676; Aug. 18.  
 Ozonation, Process and apparatus for. J. F. Wait. 2,050,771; Aug. 11.  
 Ozone in therapeutics, Apparatus for the production and use of. E. Fisch. 2,054,367; Sept. 15.  
 Ozone machine. F. E. Hartman. 2,043,701; June 9.  
 Pack and assembling the same, Merchandising. M. P. Chaplin. 2,032,351; Mar. 3.  
 Pack annealing, Method of and apparatus for. E. W. Mikaelson and A. K. Hamilton. 2,046,921; July 7.  
 Pack board. H. Weber and R. J. Pierce. 2,050,822; Aug. 11.  
 Package. G. S. Frost. 2,041,537; May 19.  
 Package. B. A. E. Johnson. 2,046,077; June 30.  
 Package. F. A. Marx. 2,060,513; Nov. 10.  
 Package. J. Rendleman. 2,054,044; Sept. 8.  
 Package. C. Rossum. 2,064,321; Dec. 15.  
 Package. C. W. Vogt. 2,051,923; Aug. 25.  
 Package and closure. E. E. Lakso. 2,051,868; Aug. 25.  
 Package and dispenser. J. G. Rea. 2,035,246; Mar. 24.  
 Package and display device, Combination merchandise shipping. F. G. Fisher. 2,056,003; Sept. 29.  
 Package and forming the same, Wrapped. G. K. Geerlings. 2,047,625; July 14.  
 Package and making the same, Openable. H. J. Nelson. 2,053,529; Sept. 8.  
 Package and producing the same. D. R. Grant and E. J. Hambrecht. 2,043,829; June 9.  
 Package, Bread. B. F. Grogan. 2,048,213; July 21.  
 Package, Combined tape and thread. W. R. L. McBee. 2,061,876; Nov. 24.  
 Package, Detonator. F. W. Olin, E. H. Meyers, and F. R. Seavey. 2,062,189; Nov. 24.  
 Package, Dispensing. B. F. Conner. 2,038,418; Apr. 21.  
 Package, Display. S. W. Burnham. 2,050,270; Aug. 11.  
 Package for cigarettes or cigars and matches. A. M. Holtzman. 2,041,548; May 19.  
 Package for fibrous materials. V. B. Trevelyan. 2,057,122; Oct. 13.  
 Package for radio tubes and the like. G. F. Bart. 2,054,239; Sept. 15.  
 Package for shipping and transporting bottles. H. Wurster and J. G. Lindstrom. 2,049,884; Aug. 4.  
 Package for strand material. W. C. Protz. 2,043,118; June 2.  
 Package indicia means. L. L. Salfisberg. 2,037,825; Apr. 21.  
 Package, Laundry. L. R. Morse. 2,026,645; Jan. 7.  
 Package machine. W. W. McCain. 2,063,392; Dec. 8.  
 Package of liquor or cordial, Pocket. V. A. R. Primavera. 2,035,340; Mar. 24.  
 Package of matches. E. M. Solon. 2,031,011; Feb. 18.  
 Package of surgical adhesive bands. I. E. Schiek. 2,035,196; Mar. 24.  
 Package of tea-bags and the like. H. Cooper. 2,042,039; May 26.  
 Package, Refrigerated. J. H. Wooll. 2,045,627; June 30.  
 Package, Sample shipping. A. Cohen. 2,061,139; Nov. 17.  
 Package sealing apparatus. W. P. White. 2,041,891; May 26.  
 Package size indicator for winding machines. J. O. McKean. 2,037,475; Apr. 14.  
 Package stiffener. L. G. Crosby. 2,052,015; Aug. 25.  
 Package tying machine. W. Hermann. 2,052,627; Sept. 1.  
 Package, Wrapped. S. R. Howard. 2,048,123; July 21.  
 Package, Wrapped. O. J. Olm and E. F. Mair. 2,047,980; July 21.  
 Packages of Christmas seals, Making. C. S. Price. 2,034,269; Mar. 17.  
 Packages of frozen material, Making. S. N. Leopold and H. K. Powell. 2,053,687; Sept. 8.  
 Packaging. E. I. Burke. 2,029,983; Feb. 4.  
 Packaging and vending machine, Automatic. R. D. Parks and G. Hildenbrand. 2,051,344; Aug. 18.  
 Packaging apparatus. B. G. Erskine. 2,032,348; Mar. 3.  
 Packaging apparatus and method. C. W. Vogt. 2,062,540; Dec. 1.  
 Packaging machine. S. R. Howard. 2,040,436; May 12.  
 Packaging machine. S. R. Howard. 2,045,230; June 23.  
 Packaging machine. R. J. and G. A. Hutt. 2,027,232; Jan. 7.  
 Packaging machine. M. M. Raymer and R. S. Poole. 2,037,484; Apr. 14.  
 Packaging machine. F. West. 2,061,886; Nov. 24.  
 Packaging part, Auxiliary. A. F. Files. 2,059,784; Nov. 3.  
 Packaging process for beverages. J. A. Bruce. 2,054,494; Sept. 15.  
 Packed, flexible, conduit joint. G. C. Smith. 2,031,389; Feb. 18.  
 Packer and valve. J. T. Phipps. 2,061,289; Nov. 17.  
 Packer, Circulation. J. T. Phipps. 2,058,103; Oct. 20.  
 Packer, Fruit. B. Langlotz. 2,053,198; Sept. 1.  
 Packer head, Fluid release. J. A. Crumley. 2,030,164; Feb. 11.



- Packer, packer setting tool, and bottom shut-off valve, Combination. J. C. Singleton. 2,041,439; May 19.
- Packer, Well. L. L. Mackowski. 2,064,552; Dec. 15.
- Packer, Well. J. H. Reynolds. 2,043,492; June 9.
- Packet, Protective. C. R. Sutherland. 2,041,577; May 19.
- Packing: See—
- Piston packing. Rod packing.
- Packing. W. M. De Witt. 2,059,168; Oct. 27.
- Packing. N. B. Miller. 2,041,565; May 19.
- Packing. R. Mittelman. 2,062,186; Nov. 24.
- Packing. H. T. Wheeler. 2,064,235; Dec. 15.
- Packing and display device. A. B. Carey. 2,045,292; June 23.
- Packing and display merchandise container. F. J. Codere. 2,053,700; Sept. 8.
- Packing and making the same. E. H. Wells, Jr. 2,051,626; Aug. 18.
- Packing and producing the same, Metallic. S. L. Palmer. 2,028,240; Jan. 21.
- Packing apparatus. W. P. White. 2,057,464; Oct. 13.
- Packing, Apparatus for. F. G. Foss. 2,026,523; Jan. 7.
- Packing, Armored machinery. C. R. Hubbard. 2,066,270; Dec. 29.
- Packing arrangement. J. H. Doran. 2,047,821; July 14.
- Packing box. L. R. Hagopian. 2,032,799; Mar. 3.
- Packing can. C. R. Cooper. 2,063,013; Dec. 8.
- Packing, Cartridge. R. N. Robertson. 2,037,046; Apr. 14.
- Packing composition, Plastic. E. G. Howland and F. E. Payne. 2,041,835; May 26.
- Packing cup. B. Dick. 2,059,728; Nov. 3.
- Packing device. E. G. Mascarenhas. 2,047,790; July 14.
- Packing device. J. B. Picard and J. C. Bush. 2,065,020; Dec. 22.
- Packing, Fluid pump. B. Walker. 2,028,634; Jan. 21.
- Packing for a particular installation, Determining the proper. H. T. Wheeler. 2,038,092; Apr. 21.
- Packing for classifiers. A. C. Daman. 2,054,671; Sept. 15.
- Packing for doors. N. Brackett. 2,062,261; Nov. 24.
- Packing for fractionating columns and the like. D. F. Stedman. 2,047,444; July 14.
- Packing for homogenizers. J. A. Clark. 2,029,463; Feb. 4.
- Packing for joints. W. A. Abegg. 2,046,597; July 7.
- Packing for journal boxes, Spring. C. T. Ripley. 2,040,629; May 12.
- Packing for movable dam structures. T. Becher. 2,045,824-5; June 30.
- Packing for rotating machine parts, Labyrinth. C. Keller. 2,058,993; Oct. 27.
- Packing for the shafts of high-pressure steam turbines. G. Huhn. 2,060,374; Nov. 10.
- Packing for the shafts of steam turbines. G. Huhn. 2,044,692; June 16.
- Packing gland. J. J. de la Roza, Sr. 2,063,368; Dec. 8.
- Packing head. F. Stone. 2,038,140; Apr. 21.
- Packing, Journal box. C. T. Ripley. 2,049,225; July 28.
- Packing, Laminated and composite. W. W. Flinchum. 2,058,674; Oct. 27.
- Packing, Liquid. H. F. Leissner. 2,065,283; Dec. 22.
- Packing machine. W. E. Molins. 2,033,532; Mar. 10.
- Packing machine. A. G. Rose. 2,050,126; Aug. 4.
- Packing machine. A. A. Stone and R. Clarkson. 2,045,337; June 23.
- Packing machine for pulverulent material. K. Middelboe. 2,049,745; Aug. 4.
- Packing, Machinery. C. R. Hubbard. 2,049,063; July 28.
- Packing material. M. R. Fenske. 2,037,317; Apr. 14.
- Packing material. E. Studt. 2,047,497; July 14.
- Packing, Metallic. G. Weinschenker. 2,033,796; Mar. 10.
- Packing, Method and apparatus for manufacturing. W. Liedle. 2,031,567; Feb. 18.
- Packing, Piston valve. H. E. Muchnic. 2,060,335; Nov. 10.
- Packing process. C. H. Hansen. 2,027,429; Jan. 14.
- Packing, Process and apparatus for reclaiming oily waste. L. S. Wilbur. 2,047,448; July 14.
- Packing, Pump. W. N. Weinman. 2,037,293; Apr. 14.
- Packing ring. J. C. Hanna. 2,037,976; Apr. 21.
- Packing ring. A. W. Morton. 2,035,435; Mar. 24.
- Packing ring construction. J. G. Deegan. 2,058,420; Oct. 27.
- Packing ring sizing machine. W. Davies. 2,060,179; Nov. 10.
- Packing ring stock, Forming. W. Davies. 2,053,363; Sept. 8.
- Packing rings by crimping a plait of material into helical winds, Method to form. H. T. Wheeler. 2,041,889; May 26.
- Packing rings, Making of. H. T. Wheeler. 2,028,961; Jan. 28.
- Packing, Shaft. W. R. Smittle. 2,033,403; Mar. 10.
- Packing structures, Determining the elasticity of porous. H. T. Wheeler. 2,038,091; Apr. 21.
- Packing terminal for fruit sorting machines. W. A. Tre-scott. 2,045,887; June 30.
- Packing, Valve stem. A. C. Lindbloom. 2,062,518; Dec. 1.
- Packing, Wash pipe. R. T. Roye. 2,027,653; Jan. 14.
- Packing waste and oil extracted therefrom, Apparatus for reclaiming. H. E. Smith. 2,032,855; Mar. 3.
- Packing waste and the oil therefrom, Apparatus for reclaiming. H. E. Smith. 2,032,854; Mar. 3.
- Pad: See—
- Adhesive pad. Knee pad.
- Coat front pad. Lubricating pad.
- Colostomy pad. Pedal pad.
- Crash pad. Pressing pad.
- Crutch pad. Pressure applying pad.
- Cushion pad. Printing pad.
- Duplicating sales pad. Sanitary pad.
- Electric heating pad. Stove pad.
- Electrical therapeutic pad. Swimming pad.
- Handle pad. Truss pad.
- Heat insulating pad. Vulcanizing pad.
- Horse collar pad.
- Pad. L. J. Horan. 2,062,786; Dec. 1.
- Pad adapted for the curing of concrete roads and similar purposes. D. H. Levine. 2,033,989; Mar. 17.
- Pad and cover. M. K. Brodt. 2,026,961; Jan. 7.
- Pad and holder therefor, Scouring. A. Steinhardt. 2,037,944; Apr. 21.
- Pad and making the same, Abrasive supporting. L. D. Reed. 2,031,280; Feb. 18.
- Pad filling apparatus. T. L. McJoynt. 2,060,629; Nov. 10.
- Pad for applying heat to portion of a person's head. D. K. Fogg. 2,038,275; Apr. 21.
- Pad for applying pressure to shoe bottoms. S. J. Finn. 2,030,915; Feb. 18.
- Pad for eyeglasses, Nose. F. L. Grier. 2,032,843; Mar. 3.
- Pad for invalids. W. H. Blath. 2,056,767; Oct. 6.
- Pad for jewelry boxes, Display. J. M. Shields. 2,041,303; May 19.
- Pad for labeling machines. J. Magnusson. 2,035,971; Mar. 31.
- Padlock. A. T. Hagerty. 2,040,482; May 12.
- Padlock. E. W. Hite. 2,044,529; June 16.
- Padlock. S. C. Slaymaker. 2,048,570; July 21.
- Padlock. S. C. Slaymaker. 2,048,571; July 21.
- Pad mounting for pressing, Spring. C. E. Hamilton, Sr. 2,043,537; June 9.
- Pad roller assembly. P. Haas. 2,059,342; Nov. 3.
- Padding for carpets and the like. P. Gordon. 2,065,450; Dec. 22.
- Padding material, Friction. W. J. Slagle. 2,048,475; July 21.
- Padding protection for flatwork ironers. J. R. Crockford. 2,033,894; Mar. 10.
- Pads, Making metallic. G. R. Schmidt. 2,061,046; Nov. 17.
- Pads or sheets composed of fibers of kapok or the like materials, Manufacture of. C. N. Mims. 2,046,083; June 30.
- Pads, Stuffing. T. L. McJoynt. 2,047,214; July 14.
- Page projector for recorders. J. W. Long and E. R. Wheeler. 2,030,821; Feb. 11.
- Paging system. C. Auth. 2,032,037; Feb. 25.
- Paging system. V. Durbin. 2,052,999; Sept. 1.
- Paging system, Visible. A. J. Hixon and W. W. Thompson. 2,047,586; July 14.
- Pail and minnow trap, Combined bait. F. Schonger. 2,055,912; Sept. 29.
- Pail, Ice cream. C. B. Klefeker. 2,031,834; Feb. 25.
- Pail, Lard. C. T. Walter. 2,053,855; Sept. 8.
- Pail or like support for ladders, Detachable. M. E. U. Soman. 2,051,060; Aug. 18.
- Pail, Pour. C. H. Rollason. 2,031,006; Feb. 18.
- Paint. A. G. Rodwell. 2,046,091; June 30.
- Paint. G. F. A. Stutz and A. C. Elm. 2,058,111; Oct. 20.
- Paint, Acoustical. C. K. Roos, J. S. Offutt, and H. A. Scholz. 2,046,296; June 30.
- Paint and plastic composition, Cementitious. H. A. Scholz. 2,032,071; Feb. 25.
- Paint and varnish. C. Ellis. 2,063,541; Dec. 8.
- Paint, Anticorrosive. A. F. M. Ragg. 2,038,444; Apr. 21.
- Paint, Asphalt. T. C. Ford. 2,063,669; Dec. 8.
- Paint baking apparatus. F. J. Groven. 2,057,776; Oct. 20.
- Paint box, Brush and utility. H. Nolzen. 2,043,301; June 9.
- Paint brush bridle. E. N. Garrison. 2,027,771; Jan. 14.
- Paint brush container. G. E. Hartwell. 2,057,828; Oct. 20.
- Paint containing cracked tar resin. P. K. Frollich, C. Winning, and S. C. Fulton. 2,052,173; Aug. 25.
- Paint drier. R. S. Brown. 2,048,777; July 28.
- Paint mixer. J. W. Bumpus. 2,061,547; Nov. 24.
- Paint mixer. C. E. Farrington. 2,035,646; Mar. 31.
- Paint mixer. F. Trampusch. 2,027,297; Jan. 7.
- Paint, Noninflammable. L. McCulloch. 2,044,176; June 16.
- Paint rack, Adjustable auto hood. A. H. Carter. 2,036,459; Apr. 7.
- Paint refinish, Auto. W. Becker, Jr. 2,044,493; June 16.
- Paint removing device. R. A. Coffelt. 2,033,327; Mar. 10.
- Paint removing implement. E. Eidschun. 2,038,555; Apr. 28.
- Paint, Zinc dust. L. D. Grady, Jr. 2,044,292; June 16.
- Painter, Smokestack. J. W. Allen. 2,030,840; Feb. 18.
- Painting. E. B. Connelly. 2,065,266; Dec. 22.
- Paints, varnishes, and lacquers, and manufacture of same, Pigmented. W. B. Wiegand. 2,045,006; June 23.
- Pan and adjustment for corn binders, Butt. A. Kowalsky. 2,062,582; Dec. 1.
- Pan and weigh can, Dump. H. D. Lathrop. 2,059,003; Oct. 27.
- Pan assembly, Oil. R. R. Hutchison. 2,039,002; Apr. 28.
- Pan, Baking. W. E. Broeg. 2,058,662; Oct. 27.



- Pan, Baking. W. H. Hungerford. 2,040,996; May 19.  
 Pan, Bun baking. E. W. Ingram and E. G. Billings. 2,057,951; Oct. 20.  
 Pan, Cake. J. Kollman. 2,028,671; Jan. 21.  
 Pan, Drip. D. J. Kramer. 2,062,814; Dec. 1.  
 Pan, Electric frying. O. C. Dennis. 2,035,147; Mar. 24.  
 Pan for scrub pails. Drip. B. Kasik. 2,065,591; Dec. 29.  
 Pan for window and wall construction. Copper. J. Ludden. 2,043,049; June 2.  
 Pan, Frying. E. Schilling. 2,033,011; Mar. 3.  
 Pan, Ice cream making. J. E. Colegrove. 2,054,739; Sept. 15.  
 Pan, Ice cube. M. K. Buchanan and A. G. Horton. 2,043,881; June 9.  
 Pan, Log skidding. A. Uhren and G. Springer. 2,050,548; Aug. 11.  
 Pan, Multiple baking. L. S. Benson. 2,035,041; Mar. 24.  
 Pan, Pie. F. Ellinger. 2,026,829; Jan. 7.  
 Pan, Pie. J. H. Smith. 2,037,280; Apr. 14.  
 Pan, Quick detachable oil. L. Nittel. 2,053,297; Sept. 8.  
 Pan rack, Roasting. N. Morris. 2,056,109; Sept. 29.  
 Pan, Self-watering seed. F. T. Radley. 2,030,268; Feb. 11.  
 Pan set. J. G. Jackson. 2,037,510; Apr. 14.  
 Pan supporting rack, Baking. T. B. Bradley. 2,030,349; Feb. 11.  
 Pan unit, Baking. H. A. Lockwood. 2,037,807; Apr. 21.  
 Pan unit, Baking. H. A. Lockwood. 2,058,807; Oct. 27.  
 Pane retainer. J. I. Russakov. 2,040,340; May 12.  
 Panel and making same, Trim. B. C. Place. 2,058,622; Oct. 27.  
 Panel arrangement, Casing. L. V. Aronson. 2,052,689; Sept. 1.  
 Panel board. W. H. Frank, J. A. Messing, and H. J. L. Frank. 2,059,989; Nov. 3.  
 Panel board. J. F. Johnson. 2,055,032; Sept. 22.  
 Panel board, Explosionproof. H. P. Hastings. 2,037,900; Apr. 21.  
 Panel board unit having renewable fuses. W. H. Frank, J. A. Messing and H. J. L. Frank. 2,051,166; Aug. 18.  
 Panel chamfering machine. T. A. Peterman and F. Nicholson. 2,031,385; Feb. 18.  
 Panel construction. S. Madsen. 2,048,132; July 21.  
 Panel construction, Metal. M. Loewy. 2,042,721; June 2.  
 Panel fastener. J. Rodack. 2,033,448; Mar. 10.  
 Panel for closed liquid heater, Instrument. H. S. Woodruff. 2,045,507; June 23.  
 Panel, Illuminated. H. A. Thompson. 2,035,998; Mar. 31.  
 Panel, Instrument. J. Tjaarda. 2,052,732; Sept. 1.  
 Panel, Insulating. C. J. Pimsner. 2,047,154; July 7.  
 Panel, Laminated. M. S. Randall. 2,028,950; Jan. 28.  
 Panel, Laminated. H. J. Woodall and M. S. Randall. 2,028,962; Jan. 28.  
 Panel, Speaking. M. J. Tracy. 2,045,424; June 23.  
 Panel, Surface finishing. F. Bishop. 2,038,920; Apr. 28.  
 Panel system, Vertical structural interlocking. O. S. Swift. 2,061,859; Nov. 24.  
 Panel upholstery machine and method. A. S. Mitchell. 2,049,970; Aug. 4.  
 Panel, Veneered. G. Smolak. 2,054,869; Sept. 22.  
 Panel, Wall. L. Schreiber. 2,047,386; July 14.  
 Panels, Making metal. J. K. Peschel. 2,030,072; Feb. 11.  
 Panels, Manufacture of cementitious. T. J. Foster. 2,040,732; May 12.  
 Panels, Manufacture of marquetry. P. Angremy. 2,033,804; Mar. 10.  
 Panels, Securing trim. B. C. Place. 2,028,992; Jan. 28.  
 Panels within their frames, Securing. F. J. Stuart. 2,056,024; Sept. 29.  
 Panicproof lock. J. V. Eichel, Jr. 2,029,991; Feb. 4.  
 Panification and leavening preparations for use in connection therewith. R. Bertel. 2,052,208; Aug. 25.  
 Pantographic reproducing machine. N. O. Burnett and E. Schmidt. 2,032,350; Mar. 3.  
 Pants hanger. J. A. French. 2,030,786; Feb. 11.  
 Paper and carbon sheets, Apparatus for aligning. W. C. Pfeiffer. 2,041,019; May 19.  
 Paper and making it, Safety. F. S. Wood. 2,032,385; Mar. 3.  
 Paper and making same, Safety. F. L. Simons. 2,037,937; Apr. 21.  
 Paper and making same, Transfer. J. Q. Sherman, A. W. Metzner, and J. E. Frey. 2,035,768; Mar. 31.  
 Paper and making the same, Adhesive. H. Kushel. 2,039,808; May 5.  
 Paper and making the same, Decorative. J. J. Pohlmann. 2,028,948; Jan. 28.  
 Paper and making the same, Parchment. F. O. Reiss. 2,041,485; May 19.  
 Paper and method and apparatus for making same, Indented shock absorbing cushioning or packing. J. E. Kieffer. 2,036,051; Mar. 31.  
 Paper and paper board, Manufacturing. L. M. Booth. 2,050,262; Aug. 11.  
 Paper and producing the same, Waterproofed plastic. E. V. Rodgers. 2,029,390; Feb. 4.  
 Paper and the like, Coating and ornamenting. A. M. Overton and H. C. Fisher. 2,065,925; Dec. 29.  
 Paper and the like, Safety. S. Lenher. 2,061,632; Nov. 24.  
 Paper and the product thereof, Decorating. B. Schiller. 2,037,488; Apr. 14.  
 Paper and transfer, Decalcomania. F. W. Humphner. 2,050,795; Aug. 11.  
 Paper and web handling mechanism for printing machines. H. Little. 2,037,806; Apr. 21.  
 Paper, Apparatus for and making. P. J. Reimer. 2,028,952; Jan. 28.  
 Paper, Apparatus for producing safety. W. H. Grogan and F. C. Ladd. 2,034,232; Mar. 17.  
 Paper, Apparatus for sizing photographic. G. T. Lane. 2,059,881; Nov. 3.  
 Paper, Apparatus for splicing. H. Freeman and L. Gagné. 2,037,776; Apr. 21.  
 Paper, Apparatus for testing the smoothness of. M. N. Davis and H. E. Malmstrom. 2,050,486; Aug. 11.  
 Paper, Apparatus for the manufacture of. E. A. Charlton. 2,062,445; Dec. 1.  
 Paper, Apparatus for the manufacture of. J. M. Murray. 2,062,471; Dec. 1.  
 Paper, Apparatus for treating. R. S. Bracewell. 2,063,887; Dec. 15.  
 Paper, Apparatus for treating or impregnating. A. D. Whipple and C. W. Davis. 2,065,636; Dec. 29.  
 Paper articles, Manufacturing folded. S. J. Campbell. 2,057,879; Oct. 20.  
 Paperboard. F. L. Buchanan and R. Guyer. 2,042,501; June 2.  
 Paperboard and the like, Making moistureproof. C. G. Dreyman. 2,031,035; Feb. 18.  
 Paperboard machine, Corrugated. G. W. Swift. 2,039,750; May 5.  
 Paperboard, Making. H. L. Kutter. 2,059,184; Oct. 27.  
 Paper box. C. L. Claff. 2,060,085-6; Nov. 24.  
 Paper box. A. H. Dreux and J. N. Royal. 2,036,928; Apr. 7.  
 Paper box. A. H. Dreux and J. N. Royal. 2,057,293; Oct. 13.  
 Paper box. H. S. Fuller. 2,032,569; Mar. 3.  
 Paper cap ammunition for toy pistols. E. S. Peake. 2,027,117; Jan. 7.  
 Paper carriage, Electrically operated. A. A. Horton and D. P. Rowland. 2,028,747; Jan. 28.  
 Paper clip. R. S. Kelly. 2,056,139; Sept. 29.  
 Paper clip. A. J. Lewis. 2,052,887; Sept. 1.  
 Paper clip. J. M. Metz. 2,061,474; Nov. 17.  
 Paper clip. H. G. Pashoian. 2,040,443; May 12.  
 Paper, Coated. C. C. Heritage. 2,034,435; Mar. 17.  
 Paper, Coated wrapping. E. M. Kratz. 2,058,021; Oct. 20.  
 Paper coating. S. Boyer and L. F. Parmenter. 2,051,403; Aug. 18.  
 Paper, Coating. W. J. Montgomery and D. B. Bradner. 2,029,273; Jan. 28.  
 Paper coating apparatus and method. L. Hornbostel. 2,032,211; Feb. 25.  
 Paper coatings, Method of and apparatus for maintaining uniformity in. A. D. Wilkinson and J. R. Fanselow. 2,064,776; Dec. 15.  
 Paper container. C. L. Marshall. 2,033,724; Mar. 10.  
 Paper container. C. L. Marshall. 2,033,775; Mar. 10.  
 Paper container. C. L. Marshall. 2,053,726; Sept. 8.  
 Paper container. R. K. Reed. 2,053,298; Sept. 8.  
 Paper container. W. H. Shaw and J. J. Moriarty. 2,046,975; July 7.  
 Paper container, Collapsible. H. K. Powell and S. N. Leopold. 2,053,686; Sept. 8.  
 Paper conversion. F. C. Schueler. 2,029,446; Feb. 4.  
 Paper conveying device for sheets especially for use in office printing machines. A. Breuer. 2,032,166; Feb. 25.  
 Paper cutting apparatus. W. S. Aiken. 2,062,737; Dec. 1.  
 Paper cutting control, Photoelectric. F. H. Gulliksen. 2,050,315; Aug. 11.  
 Paper cutting machine. G. W. Mudd. 2,045,046; June 23.  
 Paper, Decalcomania. J. MacLaurin. 2,038,118; Apr. 21.  
 Paper, Decalcomania. J. MacLaurin. 2,047,700; July 14.  
 Paper, Decalcomania. J. MacLaurin. 2,047,978; July 21.  
 Paper, Decorated corrugative. H. C. Orchard. 2,042,017; May 26.  
 Paper developing apparatus, Automatic positive. L. G. Simjian. 2,031,010; Feb. 18.  
 Paper dispenser. F. L. Broeren. 2,027,668-71; Jan. 14.  
 Paper dispenser. F. L. Broeren. 2,027,673; Jan. 14.  
 Paper dispenser. B. E. Colburn. 2,047,255; July 14.  
 Paper dispenser. H. M. Herrman and R. G. Horwitz. 2,065,457; Dec. 22.  
 Paper fastener. O. A. Ross. 2,037,270; Apr. 14.  
 Paper fastener. L. G. Whitton. 2,052,509; Aug. 25.  
 Paper feed for typewriter billing machines. J. Q. Sherman. 2,028,357; Jan. 21.  
 Paper feed for wrapping machines. W. Hoppe. 2,043,376; June 9.  
 Paper feed mechanism. W. A. Anderson. 2,027,572; Jan. 14.  
 Paper feed mechanism. E. H. Dreher. 2,059,215; Nov. 3.  
 Paper feeding and cutting apparatus. A. H. Markowitz. 2,050,350; Aug. 11.  
 Paper feeding and cutting mechanism. W. P. Lloyd and M. H. Hill. 2,047,478; July 14.  
 Paper feeding device. E. H. Dreher. 2,059,214; Nov. 3.  
 Paper feeding device for printing machines. F. Didzuns. 2,056,393; Oct. 6.  
 Paper feeding mechanism. J. Q. Sherman. 2,054,837; Sept. 22.  
 Paper feeding mechanism for statistical machines. R. E. Baldwin. 2,059,198; Nov. 3.  
 Paper, Fertilized mulch. E. R. Pratt. 2,030,267; Feb. 11.  
 Paper finishing machine. F. C. Ladd. 2,065,189; Dec. 22.



- Paper folding mechanism. W. Fairchild. 2,047,552; July 14.
- Paper folding machinery. F. Pepper. 2,055,984; Sept. 29.
- Paper for toweling and other purposes, Manufacture of. M. O. Schur. 2,035,024; Mar. 24.
- Paper from rolls, Apparatus for delivering. D. G. Bernard. 2,043,423; June 9.
- Paper glazing machine. W. D. Brown. 2,057,081; Oct. 13.
- Paper guide. R. H. Corswandt and W. J. Zenner. 2,053,022; Sept. 1.
- Paper guide device. L. P. Crosman. 2,026,869; Jan. 7.
- Paper holder. A. A. McDonough and C. D. Vickers. 2,030,602; Feb. 11.
- Paper ice cream cup. A. C. Wood. 2,027,802; Jan. 14.
- Paper, Indented shock absorbing cushioning or packing. J. E. Kieffer. 2,042,470; June 2.
- Paper machine and making paper. H. O. Bing. 2,052,746; Sept. 1.
- Paper machine and making paper. G. A. Engert and G. B. Gibson. 2,036,168; Mar. 31.
- Paper machine control. G. Wünsch. 2,062,922; Dec. 1.
- Paper machinery. A. E. Bridge. 2,056,562; Oct. 6.
- Paper machinery. H. A. Kidd. 2,044,987; June 23.
- Paper machinery. H. L. Kutter. 2,037,242-3; Apr. 14.
- Paper machinery. A. H. Standley. 2,062,238; Nov. 24.
- Paper, Making. J. Campbell. 2,062,442; Dec. 1.
- Paper making. C. T. Henderson. 2,032,615; Mar. 3.
- Paper, Making. F. J. Lang. 2,041,294; May 19.
- Paper, Making. D. K. and I. B. Pattilloch. 2,036,882; Apr. 7.
- Paper making. G. A. Richter. 2,038,679; Apr. 28.
- Paper making machine. D. C. Bert. 2,038,708; Apr. 28.
- Paper making machine. R. T. Lang. 2,055,692; Sept. 29.
- Paper making machine. E. J. Mellentine. 2,060,945; Nov. 17.
- Paper making machine. N. J. Niks. 2,027,611; Jan. 14.
- Paper making machine, Fourdrinier. B. A. Malkin. 2,047,422; July 14.
- Paper making machinery. J. E. Bond. 2,055,142-3; Sept. 22.
- Paper making machinery. J. K. Darby. 2,039,780; May 5.
- Paper making machines, Controlled leak for. G. T. Lane and W. Butterfield. 2,046,271; June 30.
- Paper, Making plasticized glassine. L. Dozier. 2,058,961; Oct. 27.
- Paper, Making porous long fibered nonhydrated. F. H. Osborne. 2,045,095; June 23.
- Paper, Making safety. B. W. Smith. 2,032,816; Mar. 3.
- Paper manufacture. G. S. Carroll. 2,064,647; Dec. 15.
- Paper manufacture. J. d'A. Clark and J. Traquair. 2,044,281; June 16.
- Paper manufacture. F. Hadfield. 2,059,343; Nov. 3.
- Paper manufacture. G. D. Mackrell. 2,027,741; Jan. 14.
- Paper manufacture. H. R. Rafton. 2,033,954; Mar. 17.
- Paper manufacture. H. R. Rafton. 2,040,878; May 19.
- Paper manufacture. H. R. Rafton. 2,045,052; June 23.
- Paper manufacture. H. R. Rafton. 2,049,864; Aug. 4.
- Paper manufacture. H. R. Rafton. 2,056,209; Oct. 6.
- Paper manufacture. H. R. Rafton. 2,060,824; Nov. 17.
- Paper manufacture. G. A. Richter. 2,033,481; Mar. 10.
- Paper manufacture. J. H. Swan, 3d. 2,039,361; May 5.
- Paper, Manufacture of. A. E. H. Fair. 2,062,563; Dec. 1.
- Paper, Manufacture of. H. H. Nelson and G. Becker. 2,033,351; Mar. 10.
- Paper, Manufacture of absorbent cloth-like. G. A. Richter and M. O. Schur. 2,048,293; July 21.
- Paper, Manufacture of coated. D. D. Uong. 2,030,483; Feb. 11.
- Paper, Manufacture of pigmented. J. J. Healy, Jr. 2,042,338; May 26.
- Paper, Marking burglarized. P. C. Navis, W. A. Moran, Jr., G. E. Von Berg, and T. P. Garankin. 2,035,498; Mar. 31.
- Paper material carrying a resin of petroleum origin. C. Ellis. 2,042,299; May 26.
- Paper, Method and apparatus for coating. O. E. Cheatham. 2,053,601; Sept. 8.
- Paper, Method and apparatus for manufacturing. R. C. Hurrey. 2,054,630; Sept. 15.
- Paper, Method of and apparatus for scoring. W. L. Angel and G. K. Schray. 2,058,657; Oct. 27.
- Paper, Method of and apparatus for sensitizing. S. B. Davenport and A. Savio. 2,051,826; Aug. 25.
- Paper, Moistureproof. L. E. Branchen and G. R. Clark. 2,036,392; Apr. 7.
- Paper, Mulch fertilizer. H. E. Wright. 2,038,019; Apr. 21.
- Paper, Negotiable instrument safety. O. Moore. 2,065,605; Dec. 29.
- Paper or other material, Apparatus for cutting. A. H. Haupt. 2,026,533; Jan. 7.
- Paper or similar cup. M. Sidon. 2,041,437; May 19.
- Paper or textile strips, Printing of. G. Wulf. 2,054,763; Sept. 15.
- Paper package, Protective. F. S. Wood. 2,032,386; Mar. 3.
- Paper, Porous long fibered nonhydrated. F. H. Osborne. 2,045,096; June 23.
- Paper, Printed waxed. F. A. Rapley. 2,040,564; May 12.
- Paper printed with oxidizable inks, Deinking. P. R. Hines. 2,042,465; June 2.
- Paper, Process and apparatus for conditioning sheets of. W. H. Leslie. 2,038,228; Apr. 21.
- Paper, Process and apparatus for making. J. Buss. 2,054,214; Sept. 15.
- Paper product and making. B. Asnes. 2,046,763; July 14.
- Paper product and producing the same, Absorbent. M. A. Youtz. 2,032,645; Mar. 3.
- Paper product, Making a tissue. C. A. Fourness and J. T. Whelan. 2,043,351; June 9.
- Paper, Production of coated creped. E. H. Angier. 2,061,748; Nov. 24.
- Paper products, Gummed. F. W. Humphner. 2,058,157; Oct. 20.
- Paper pulp, Apparatus for baling. C. M. MacChesney. 2,372,249; Apr. 14.
- Paper pulp, Apparatus for baling. J. E. Ott. 2,037,039; Apr. 14.
- Paper pulp, Baling. A. T. Campbell. 2,037,211; Apr. 14.
- Paper pulp, Making. H. Lundin and W. H. Bitner. 2,054,727; Sept. 15.
- Paper pulp making process. S. D. Wells. 2,029,973; Feb. 4.
- Paper pulp, Manufacture of. L. L. Larson and G. L. Schwartz. 2,049,567; Aug. 4.
- Paper pulp, Method of and apparatus for producing. F. W. Adams and G. S. Witham, Jr. 2,045,818; June 30.
- Paper receptacle. F. Graffenberger. 2,054,934; Sept. 22.
- Paper receptacle, Paraffined. J. J. Schmerler. 2,041,374; May 19.
- Paper roll and forming same. L. A. Straubel. 2,050,394; Aug. 11.
- Paper roll braking device. H. A. W. Wood. 2,048,764; July 28.
- Paper roll fixture. F. A. Stirrup. 2,052,950; Sept. 1.
- Paper roll holding device. A. S. Schenker. 2,032,440; Mar. 3.
- Paper roll stand. H. A. W. Wood. 2,055,371; Sept. 22.
- Paper rolls, Forming. L. A. Straubel. 2,053,786; Sept. 8.
- Paper sheets and the like simultaneously with the printing thereof, Perforating. J. de Ridder and W. G. Brill. 2,050,785; Aug. 11.
- Paper sheets for a typewriter, Apparatus for feeding and aligning. W. C. Pfeiffer. 2,053,578; Sept. 8.
- Paper sheets, Method and apparatus for handling multiple. W. C. Pfeiffer. 2,027,612; Jan. 14.
- Paper, Shelf. E. Karfiol. 2,036,335; Apr. 7.
- Paper sheet for loose leaf book. F. S. Schade. 2,059,148; Oct. 27.
- Paper sizing. J. A. De Cew. 2,041,285; May 19.
- Paper, Sizing. O. Kress and C. E. Johnson. 2,058,085; Oct. 20.
- Paper, Sizing. O. Kress and C. E. Johnson. 2,059,464-5; Nov. 3.
- Paper, Sizing photographic. G. T. Lane. 2,059,880; Nov. 3.
- Paper slitting and slotting machine. J. E. Lee, O. T. Gylleck, and F. Barney. 2,029,624; Feb. 4.
- Paper stacker. E. Hornbeck and E. Hornbeck. 2,027,341; Jan. 7.
- Paper stacking clamp. G. H. Cole. 2,030,353; Feb. 11.
- Paper stock, Method and apparatus for refining. E. Cowles. 2,033,123; Mar. 10.
- Paper stock preparation. E. K. Mansfield. 2,038,374; Apr. 21.
- Paper straightening device for duplicating machines. H. Jagger. 2,038,568; Apr. 28.
- Paper strips, Apparatus for forming, folding, and banding. A. A. Massini. 2,031,053; Feb. 18.
- Paper structure. A. L. Genter. 2,045,849; June 30.
- Paper suitable for use for packing and like purposes, Apparatus for issuing gummed strip. L. Smith. 2,034,840; Mar. 24.
- Paper, Surface-finished. G. A. Richter. 2,031,854; Feb. 25.
- Paper tacking strips, Manufacturing. L. F. Barnum. 2,037,205; Apr. 14.
- Paper, Testing coated. D. B. Bradner and W. J. Montgomery. 2,051,464; Aug. 18.
- Paper throw-out device. H. A. W. Wood. 2,048,765; July 28.
- Paper to eliminate curl, Treating pyroxylin coated. R. S. Bracewell. 2,063,888; Dec. 15.
- Paper twisting machine. L. F. Barnum. 2,051,674; Aug. 18.
- Papers and the product thereof, Coating creped. W. W. Rowe. 2,030,156; Feb. 11.
- Papers by means of gaseous developing agents, Apparatus for the development of photographic printing. J. Horn. 2,058,983; Oct. 27.
- Papers, cards, and the like, Apparatus for sorting. E. S. Roscoe. 2,055,364; Sept. 22.
- Papers, Making decalcomania. J. MacLaurin. 2,036,422; Apr. 7.
- Papers, Manufacture of chemically modified. G. A. Richter. 2,056,294; Oct. 6.
- Papers, Manufacture of parchment. G. A. Richter. 2,030,469; Feb. 11.
- Papers, Manufacture of sized. C. R. Outtersen. 2,055,799; Sept. 29.
- Para-amino-aldehydes, Manufacture of aromatic. D. Hut-ton. 2,048,006; July 21.
- Para amino phenol, Manufacture of. J. A. Bertsch. 2,035,292; Mar. 24.



- Para-chloro-ortho-nitro-anisole, Manufacture of. M. A. Dahlen and E. E. Fleck. 2,056,261; Oct. 6.
- Parachute. S. Nonaka. 2,048,963; July 28.
- Parachute. G. Tricau. 2,052,503; Aug. 25.
- Parachute apparatus. E. L. Hoffman. 2,051,044; Aug. 18.
- Parachute arrangement, Multiple. E. L. Hoffman. 2,048,159; July 21.
- Parachute assemblage. S. H. Knight. 2,046,387; July 7.
- Parachute assembly. S. H. Knight. 2,053,342; Sept. 8.
- Parachute, Auxiliary. J. M. King. 2,036,279; Apr. 7.
- Parachute construction. E. L. Hoffman. 2,028,777; Jan. 28.
- Parachute for airplanes. B. Slipikas. 2,061,640; Nov. 24.
- Parachute for passengers and/or aircraft. H. L. Adams. 2,032,824; Mar. 3.
- Parachute harness. H. G. Rogers. 2,040,533; May 12.
- Parachute, Kite. F. G. Fisher, Jr. 2,059,634; Nov. 3.
- Parachute release device, Automatic. J. V. Mohler. 2,042,159; May 26.
- Parachute rip cord assembly. E. L. Hoffman. 2,042,466; June 2.
- Para-cyclohexylphenols, Manufacture of. K. Brodersen. H. Behncke and E. Kortzen. 2,028,271; Jan. 21.
- Paraffin bag. S. R. Howard. 2,048,122; July 21.
- Paraffin cutter, Sucker rod guide. H. C. Long. 2,058,331; Oct. 20.
- Paraffin distillates, Dewaxing. A. V. Rhodes. 2,035,406; Mar. 24.
- Paraffin from fluid hydrocarbons, Separating. G. H. Andersson. 2,052,124; Aug. 25.
- Paraffin wax, Recovery of high melting point. J. M. Page, Jr. 2,048,513; July 21.
- Paraffining apparatus. E. L. Jones. 2,044,077; June 16.
- Paraffining machine. K. E. Garling. 2,032,570; Mar. 3.
- Paraffining machine. L. B. Koch. 2,049,503; Aug. 4.
- Paraformaldehyde, Preparation of soluble. W. S. Hinegardner. 2,042,657; June 2.
- Para-para-dinitro-diphenylureas and producing same. S. Coffey and J. E. Schofield. 2,056,255; Oct. 6.
- Parasiticide. E. W. Bousquet, G. D. Graves, and P. L. Salzberg. 2,030,093; Feb. 11.
- Parasiticide. F. F. Lindstaedt. 2,036,638; Apr. 7.
- Parcel bag. R. M. Lackey. 2,061,580; Nov. 24.
- Parcel bag. R. M. Lackey. 2,062,318; Dec. 1.
- Parcel post machine, Key controlled. J. W. Ogden. 2,052,485; Aug. 25.
- Parcel post weighing and stamp printing machine. W. J. Pearson. 2,036,538; Apr. 7.
- Parison transfer mechanism. C. Badger and C. C. Cook. 2,038,518; Apr. 28.
- Parisons for bottles and similar articles, Forming. W. T. Honiss. 2,036,871; Apr. 7.
- Parisons, Preparing. J. K. E. Diffenderffer. 2,035,053; Mar. 24.
- Parking apparatus. E. S. Taylor. 2,031,392; Feb. 18.
- Parking brake. R. A. Swalm. 2,034,121; Mar. 17.
- Parking device. J. L. Barr. 2,065,958; Dec. 29.
- Parking device. P. Gangler. 2,063,241; Dec. 8.
- Parking device, Electrical. H. S. Johns. 2,061,875; Nov. 24.
- Parking device for motor vehicles. H. R. Goodale. 2,035,880; Mar. 31.
- Parking meter. C. C. Magee. 2,039,544; May 5.
- Parking register. R. W. Babson. 2,028,037; Jan. 14.
- Parter operating means for looms. J. Northrop. 2,028,560; Jan. 21.
- Particles and apparatus therefor, Dispersing. M. F. Cross. 2,044,757; June 16.
- Particles from gases, Method and apparatus for separating suspended. M. A. Lissman. 2,047,568; July 14.
- Particles from gases or vapors, Apparatus for removing of solid or liquid. E. Haber. 2,034,467; Mar. 17.
- Partition. A. G. Dawson. 2,049,692; Aug. 4.
- Partition. A. G. Dawson. 2,062,868; Dec. 1.
- Partition, Collapsible. H. W. Maurer. 2,027,992; Jan. 14.
- Partition-fixtured unit, Combined. R. L. Davison. 2,030,024; Feb. 4.
- Partition for cattle stalls, Adjustable. G. A. Miller. 2,030,755; Feb. 11.
- Partition for compartment boxes or crates. E. R. Stivers. 2,039,612; May 5.
- Partition, Metal. A. S. Driver. 2,059,565; Nov. 3.
- Partition, Metal. E. Larson. 2,027,870; Jan. 14.
- Partition, Portable. E. E. Koenig. 2,033,289; Mar. 10.
- Partition, Sliding and folding. J. T. Fairhurst. 2,052,089; Aug. 25.
- Partition, Stock-car. M. J. McQueen. 2,031,382; Feb. 18.
- Partition structure. J. Page. 2,027,784; Jan. 14.
- Partition wall, Interior. F. M. Venzie. 2,048,642; July 21.
- Partitions, Apparatus for use in welding. S. Blickman. 2,047,190; July 14.
- Parts held together by a fusible material, Device for securing or separating. D. F. Taylor. 2,041,978; May 26.
- Passbook. E. Kellv. 2,050,184; Aug. 4.
- Passenger brake, High speed. T. Tarisien. 2,061,883; Nov. 24.
- Paste and producing the same, Vat dyestuff. M. H. Fleysher and J. Ogilvie. 2,026,623; Jan. 7.
- Paste-applying device. W. S. Cleaves. 2,048,103; July 21.
- Paste dispenser. W. Riederer. 2,065,825; Dec. 29.
- Paste, Gasket. C. W. Bailey. 2,054,801; Sept. 22.
- Paste, Printing. W. R. Moorhouse. 2,038,591; Apr. 28.
- Pastes, Process and apparatus for dispensing. R. Riegler. 2,065,095; Dec. 22.
- Pasting machine. F. Cavallari and P. Ori. 2,056,091; Sept. 29.
- Pasting machine. J. S. Coldwell. 2,058,134; Oct. 20.
- Pasting mechanism. W. E. Sharkey. 2,047,894; July 14.
- Pastry making machine. C. F. Liles. 2,030,598; Feb. 11.
- Pasteurization. R. K. Cooney. 2,029,017; Jan. 28.
- Pasteurizer. A. C. Hougland. 2,057,895; Oct. 20.
- Pasteurizer. G. J. Huntley and R. J. Stewart. 2,044,118; June 16.
- Pasteurizing and cooling. H. C. Stephens and S. B. Hoar. 2,042,685-6; June 2.
- Patch, Casing side wall. J. T. Springer. 2,057,798; Oct. 20.
- Patch for tire casings, Repair. J. T. Springer. 2,057,797; Oct. 20.
- Patch, Sole. E. G. Jones. 2,040,001; May 5.
- Patch, Tire repair. R. F. Wilson. 2,041,988; May 26.
- Pathological conditions, Process and apparatus for treating. H. E. Karnofsky. 2,055,540; Sept. 29.
- Pattern. H. L. Pierson. 2,065,734; Dec. 29.
- Pattern control attachment for reverse plating circular knitting machines. H. McAdams. 2,047,279; July 14.
- Pattern control mechanism. W. E. Perry. 2,058,101; Oct. 20.
- Pattern, Garment. N. I. Stack. 2,054,715; Sept. 15.
- Pattern gate construction. R. J. Hebert. 2,061,798; Nov. 24.
- Pattern mechanism for looms. K. Nakanishi. 2,058,095; Oct. 20.
- Pattern selecting mechanism. G. H. White. 2,031,348; Feb. 18.
- Pattern wheel. H. Agulnek. 2,055,598-9; Sept. 29.
- Patterning control means for knitting machines. J. and R. H. Lawson. 2,059,123; Oct. 27.
- Patterns for dental pieces, Investing. D. N. Bradley, Jr. 2,042,330; May 26.
- Patterns, Making. J. L. Young. 2,056,415; Oct. 6.
- Patty-hoe. C. N. Sonnenburg. 2,031,183; Feb. 18.
- Pavement. W. C. Fischer. 2,065,064; Dec. 22.
- Pavement and making the same, Bituminous. C. M. Bas-kin. 2,062,348; Dec. 1.
- Pavement compositions and making the same. W. L. Schloss. 2,051,577; Aug. 18.
- Pavement curb. L. Gaisman. 2,033,028; Mar. 3.
- Pavement finishing machine. H. E. McCrery. 2,054,263; Sept. 15.
- Pavement marking machine. R. L. Hefner. 2,026,678; Jan. 7.
- Pavement structure and joint therefor. L. Day. 2,063,591; Dec. 8.
- Pavements, Apparatus for laying. J. D. West. 2,035,627; Mar. 31.
- Pavements, Method and apparatus for treating sunken composite. J. W. Poulter. 2,041,266; May 19.
- Pavements, Method of and apparatus for finishing concrete. R. B. Gage. 2,032,205; Feb. 25.
- Paver, Re-tread. F. D. Wallace. 2,064,365; Dec. 15.
- Paving block. E. H. Holmes. 2,055,822; Sept. 29.
- Paving composition and making the same, Bituminous. R. M. Grower. 2,040,481; May 12.
- Paving composition and producing same. J. H. Conzelman. 2,026,614; Jan. 7.
- Paving composition, Preparing a. B. H. Wait and R. T. Haller. 2,049,985; Aug. 4.
- Paving machine. C. Jackson. 2,044,883; June 23.
- Paving material, Preparing. K. E. McConnaughay. 2,051,731; Aug. 18.
- Paving material, Producing. W. L. Holbrook and W. R. Parker. 2,063,893; Dec. 15.
- Paving materials, Making bituminous. D. M. Hepburn and S. S. Sadtler. 2,049,772; Aug. 4.
- Paving of tennis courts and the like. A. K. Bamber. 2,042,377; May 26.
- Paving, Road and like. G. B. Storace. 2,047,119; July 7.
- Pawl and ratchet device. J. H. Rebstock. 2,035,837; Mar. 31.
- Pawl release. O. L. Berby. 2,042,762; June 2.
- Pay indicator. A. F. Lairret. 2,043,047; June 2.
- Pay roll check machine. N. C. Ovatt. 2,039,925; May 5.
- Pear preparation machine. A. R. Thompson and W. de Beck. 2,056,413; Oct. 6.
- Peat fertilizer. O. Flieg. 2,038,994; Apr. 28.
- Pectin, Preparing dry. W. W. Cowgill. 2,032,687; Mar. 3.
- Pectin, Treating. G. H. Joseph. 2,061,158; Nov. 17.
- Pectous product, Making. H. T. Leo. 2,038,582; Apr. 28.
- Pedal actuated means for pianos for operating simultaneously two keys. S. R. Brett. 2,039,518; May 5.
- Pedal attachment. S. M. D. Miller. 2,040,866; May 19.
- Pedal construction. A. H. Hofer. 2,048,448; July 21.
- Pedal, Control. E. W. Richter. 2,040,672; May 12.
- Pedal for piano pedals, Extension. C. D. Sappenfield. 2,047,332; July 14.
- Pedal mechanism. M. Leupold. 2,033,433; Mar. 10.
- Pedal organization for motor vehicles, Foot. M. E. Streen. 2,065,354; Dec. 22.
- Pedal pad. H. H. Lampert. 2,028,073; Jan. 14.
- Pedestal, Knock-down display. E. L. Davidson. 2,044,422; June 16.
- Pedestrian's signal. A. M. Wood. 2,038,699; Apr. 28.
- Peel, Baker's. H. L. Schroeder. 2,062,531; Dec. 1.
- Peel removing and grating machine. W. Zoeller. 2,060,272; Nov. 10.



- Peeler and slicer, Vegetable. C. J. Ott. 2,028,915; Jan. 28.
- Peeler, Banana. R. E. Leavens. 2,048,012; July 21.
- Peeler, Orange. E. C. Erro. 2,056,843; Oct. 6.
- Peeler, Vegetable. W. E. Urschel. 2,065,163; Dec. 22.
- Peening machine. C. Lee. 2,062,459; Dec. 1.
- Peg board. N. S. Welk and D. A. Nevin. 2,058,538; Oct. 27.
- Peg board. D. R. Zenner and D. A. Nevin. 2,061,532; Nov. 17.
- Peg or the like, Hat. A. Noble and T. P. Walkland. 2,027,489; Jan. 14.
- Pellets and controlled drying, Cohesive low density. C. W. Brooks, Jr., and C. R. Johnson. 2,062,636; Dec. 1.
- Pen. P. Gulizia. 2,046,161; June 30.
- Pen. H. S. Lukens. 2,039,326; May 5.
- Pen. R. A. Swartswelter. 2,052,500; Aug. 25.
- Pen and calendar, Combination. W. Klopheus. 2,029,236; Jan. 28.
- Pen and making the same. L. H. Ashmore. 2,037,699; Apr. 21.
- Pen and method of making, Fountain. W. Lange. 2,032,991; Mar. 3.
- Pen and the ink supply therefor, Fountain. C. W. Beck. 2,053,892; Sept. 8.
- Pen, Automatic fountain. J. N. Landau. 2,035,555; Mar. 31.
- Pen barrel, Fountain. A. F. Odell. 2,044,181; June 16.
- Pen, Electric. A. Jenkins, W. L. Day, and P. R. Rempp. 2,033,897; Mar. 10.
- Pen for recording meters and the like. P. A. Nome. 2,063,458; Dec. 8.
- Pen, Fountain. N. G. Burgster. 2,028,645; Jan. 21.
- Pen, Fountain. A. E. Carlson. 2,061,059; Nov. 17.
- Pen, Fountain. L. Chayka. 2,062,162; Nov. 24.
- Pen, Fountain. A. A. and A. Gaimari. 2,046,620; July 7.
- Pen, Fountain. B. W. Hanle. 2,059,577; Nov. 3.
- Pen, Fountain. H. C. Hirschy. 2,045,774; June 30.
- Pen, Fountain. J. L. Hoyle. 2,044,792; June 23.
- Pen, Fountain. L. A. Kelley. 2,040,999; May 19.
- Pen, Fountain. D. F. Mohns. 2,035,372; Mar. 24.
- Pen, Fountain. N. W. Paquette. 2,037,177; Apr. 14.
- Pen, Fountain. S. M. Sager. 2,035,278; Mar. 24.
- Pen, Fountain. G. H. Saylor. 2,035,378; Mar. 24.
- Pen, Fountain. J. C. Sherman. 2,026,657; Jan. 7.
- Pen, Fountain. W. O. Tassie. 2,027,656; Jan. 14.
- Pen, Fountain. I. D. Tefft. 2,031,343; Feb. 18.
- Pen or pencil for drawing, Dotting. A. Nelson. 2,036,716; Apr. 7.
- Pen packing unit, Fountain. S. M. Sager. 2,041,781; May 26.
- Pen point. H. S. Lukens. 2,039,327; May 5.
- Pen point. J. A. Payette. 2,033,783; Mar. 10.
- Pen point. C. Pfanstiehl. 2,053,406-7; Sept. 8.
- Pen point. J. S. Streicher. 2,041,381; May 19.
- Pen point, Making a. H. J. Halpin and L. S. Henwood. 2,030,918; Feb. 18.
- Pen, Self-filling fountain. E. Long. 2,057,662; Oct. 20.
- Pen, Self filling fountain. E. S. Sears. 2,056,055; Sept. 29.
- Pen, Soluble ink fountain. R. B. Kingman. 2,030,452; Feb. 11.
- Pen, Soluble ink fountain. R. B. Kingman and R. L. Hartwell. 2,061,405; Nov. 17.
- Pen, Writing. G. S. Walter. 2,033,164; Mar. 10.
- Pen, Writing. G. S. Walter. 2,033,794; Mar. 10.
- Pencil. F. R. Barker. 2,026,815; Jan. 7.
- Pencil. H. H. Belcher. 2,058,291; Oct. 20.
- Pencil. F. C. Deli. 2,028,380; Jan. 21.
- Pencil. H. Esterow. 2,035,225; Mar. 24.
- Pencil. J. J. Robbins. 2,056,143; Sept. 29.
- Pencil. P. A. Sharrow. 2,055,316; Sept. 22.
- Pencil. H. Thornton. 2,052,501; Aug. 25.
- Pencil. J. C. Wahl. 2,039,466; May 5.
- Pencil and eraser, Combination. N. Sakai. 2,057,792; Oct. 20.
- Pencil and making it, Mechanical. S. E. Linton, Jr. 2,065,230; Dec. 22.
- Pencil and producing same. F. C. Deli. 2,033,687; Mar. 10.
- Pencil, Electric. R. H. Goldman. 2,031,532; Feb. 18.
- Pencil for the determination of the pH index, Reactive. R. A. A. Dru. 2,049,110; July 28.
- Pencil holder. C. F. Roberts. 2,053,300; Sept. 8.
- Pencil holder, Combination. A. E. Brandon. 2,056,384; Oct. 6.
- Pencil, Lead. A. Leistenschneider. 2,049,965; Aug. 4.
- Pencil, Lead. C. F. Norlin. 2,038,953; Apr. 28.
- Pencil lengthener and holder. J. P. Kusa. 2,049,810; Aug. 4.
- Pencil, Magazine. J. J. Keating. 2,033,033; Mar. 3.
- Pencil, Mechanical. C. H. Davis. 2,030,025; Feb. 4.
- Pencil, Mechanical. E. J. Neary. 2,046,836; July 7.
- Pencil, Mechanical. H. S. Richer. 2,046,582; July 7.
- Pencil, Mechanical. M. Stössel. 2,063,637; Dec. 8.
- Pencil, Mechanical. A. Winter. 2,028,855; Jan. 28.
- Pencil, Mechanical lead. W. E. Eisenbauer. 2,029,767; Feb. 4.
- Pencil, Multiparallel point striping. G. W. Hackney. 2,032,983; Mar. 3.
- Pencil plunger. F. C. Deli. 2,044,972; June 23.
- Pencil plunger. F. C. Deli. 2,057,626; Oct. 13.
- Pencil pointer, Lead. H. H. Walters. 2,031,292; Feb. 18.
- Pencil, Refillable. S. Steuer. 2,038,248; Apr. 21.
- Pencil, Self-feeding. T. H. Maurer. 2,029,731; Feb. 4.
- Pencil, Self-feeding magazine. J. F. Dredge. 2,034,133; Mar. 17.
- Pencil stand. C. Buehner. 2,027,857; Jan. 14.
- Pendulum, Gyroscopic. J. M. Boybow. 2,046,998; July 7.
- Pendulum inclinometer. C. M. Leatherman. 2,057,336; Oct. 13.
- Penetrator-stem for hardness indicating apparatus. A. F. Shore. 2,030,475; Feb. 11.
- Perambulator, invalid's chair, tradesman's carrier and the like. J. D. Furey. 2,055,147; Sept. 22.
- Perch, Extensible and contractible. J. P. Leindorf. 2,045,395; June 23.
- Perch for fowls, Antivermin. J. C. Lee and W. O. Tyler. 2,057,784; Oct. 20.
- Percolating unit. L. Barrett. 2,055,061; Sept. 22.
- Percolator. S. W. Ireland. 2,027,481; Jan. 14.
- Percolator, Drip. H. F. Umstott. 2,046,710; July 7.
- Percolator top. L. L. Edwards. 2,051,439; Aug. 18.
- Percolator top fastener. H. C. Hettiger. 2,046,819; July 7.
- Percolator top retainer. F. Lundgren. 2,057,155; Oct. 13.
- Percussion mechanism for closures. H. M. Thomas. 2,052,323; Aug. 25.
- Percussion ore mill. E. L. Ball. 2,047,171; July 14.
- Percussive tool. F. D. Byers. 2,039,680; May 5.
- Percussive tool. H. Richards. 2,046,210; June 30.
- Percussive tool valve. H. J. Schorle and W. A. Smith, Jr. 2,033,257; Mar. 10.
- Perforated liner washer. R. C. Baker. 2,061,993; Nov. 24.
- Perforated record controlled machine. M. Maul. 2,064,482; Dec. 15.
- Perforating and printing mechanisms, Combined. L. F. Woodruff and M. L. Nelson. 2,050,745; Aug. 11.
- Perforating device. J. M. Cunningham. 2,053,067; Sept. 1.
- Perforating device and closure, Combined. A. A. Kubitz. 2,062,182; Nov. 24.
- Perforating die. C. S. Knight. 2,039,251; Apr. 28.
- Perforating machine. J. W. Bryce. 2,063,481; Dec. 8.
- Perforating machine. C. D. Lake. 2,032,805; Mar. 3.
- Perforating machine, Automatic. W. R. Hotchkiss. 2,047,472; July 14.
- Perforation cleaner and bailer. W. J. Flury. 2,062,783; Dec. 1.
- Perforations in metal, Obtaining. F. Werth. 2,051,663; Aug. 18.
- Perforator. E. S. Roscoe. 2,028,848; Jan. 28.
- Perforator. C. S. Whitney. 2,028,264; Jan. 21.
- Perforator, Casing. R. S. Smith. 2,046,752; July 7.
- Perforator, Gun type well casing. W. G. Lane. 2,062,975; Dec. 1.
- Perforator, Well casing. W. G. Lane. 2,062,974; Dec. 1.
- Perfume-emitting materials. W. C. Meuly. 2,035,494; Mar. 31.
- Periodical holder. W. H. Voosen and H. J. Voosen. 2,062,242; Nov. 24.
- Periscope installation. L. Y. Spear. 2,054,639; Sept. 15.
- Perishables, Apparatus for preserving. E. T. Murphy and A. E. Meling. 2,066,013; Dec. 29.
- Perishable products, Apparatus for the transportation of. C. Martin. 2,054,728; Sept. 15.
- Permanent mold. M. Guyot. 2,061,765; Nov. 24.
- Permanent wave heater. L. E. Knospe. 2,058,380; Oct. 20.
- Permanent wave meter. G. W. Beil. 2,048,666; July 28.
- Permanent waving. H. N. Durham and G. B. Finnegan. 2,028,051; Jan. 14.
- Permanent waving. L. A. Thatcher. 2,038,971; Apr. 28.
- Permanent waving apparatus. J. Darby. 2,036,461; Apr. 7.
- Permanent waving, Cold. J. Y. Malone. 2,056,358; Oct. 6.
- Permanent waving device. A. Schwab. 2,049,871; Aug. 4.
- Permanent waving, Direct cold. J. Y. Malone, J. H. Carroll, and C. R. McKee. 2,061,709; Nov. 24.
- Permutation lock. E. W. Hite. 2,047,102; July 7.
- Permutation lock. E. B. Stone. 2,062,431; Dec. 1.
- Peroxide, Manufacture of. J. B. Pierce, Jr. 2,066,015; Dec. 29.
- Perspectives, Apparatus for producing. J. Bartholowsky. 2,031,358; Feb. 18.
- Persulphonic compounds and preparing same, Organic. R. Huttenlocher and W. Lamatsch. 2,058,315; Oct. 20.
- Pessary. W. K. McCormick and M. A. Stein. 2,041,424; May 19.
- Pest exterminator. R. B. Loibl, Jr. 2,045,018; June 23.
- Petroleum and the like, Apparatus for distilling. W. M. Fraser. 2,038,103; Apr. 21.
- Petroleum conversion. W. Kaplan. 2,059,527; Nov. 3.
- Petroleum distillate product. Le R. G. Story. 2,034,274; Mar. 17.
- Petroleum distillate products. L. A. Clarke and H. Levin. 2,034,283; Mar. 17.
- Petroleum distillate, Refining. E. S. Brown and D. B. Nutt. 2,049,423; Aug. 4.
- Petroleum distillates, Refining. C. E. Dolbear. 2,034,712; Mar. 24.
- Petroleum distillates, Treating. J. P. Smoots. 2,065,249; Dec. 22.
- Petroleum distillates, Treatment of cracked. E. B. McConnell. 2,030,033; Feb. 4.
- Petroleum emulsions, Breaking. E. E. Claytor. 2,060,281; Nov. 10.



- Petroleum emulsion, Breaking. M. de Groote, W. C. Adams, B. Keiser, and A. F. Wirtel. 2,050,923; Aug. 11.
- Petroleum emulsions, Apparatus for treating. G. S. Bays. 2,056,763; Oct. 6.
- Petroleum emulsions, Breaking. I. M. Colbeth. 1,058,568; Oct. 27.
- Petroleum emulsions, Breaking. M. De Groote, B. Keiser, and A. F. Wirtel. 2,034,941; Mar. 24.
- Petroleum emulsions, Breaking. M. de Groote. 2,050,924-5; Aug. 11.
- Petroleum emulsions, Breaking. M. de Groote. 2,050,927-30; Aug. 11.
- Petroleum emulsions, Breaking. M. De Groote. 2,052,281-4; Aug. 25.
- Petroleum emulsions, Breaking. M. De Groote, B. Keiser, and A. F. Wirtel. 2,037,885-6; Apr. 21.
- Petroleum emulsions, Breaking. M. de Groote and B. Keiser. 2,050,926; Aug. 11.
- Petroleum emulsions, Breaking. C. N. Stehr. 2,034,963; Mar. 24.
- Petroleum emulsions, Separating. I. M. Colbeth. 2,058,569-70; Oct. 27.
- Petroleum hydrocarbons, Testing. T. A. Cassidy and H. F. Wilmot. 2,046,365; July 7.
- Petroleum lubricant product and making same. R. C. Moran, W. L. Evers, and E. W. Fuller. 2,058,342; Oct. 20.
- Petroleum lubricating stock, Dewaxing and partially decolorizing. C. F. Tears. 2,049,277; July 28.
- Petroleum, Method of and apparatus for treating. H. C. Eddy. 2,032,129; Mar. 10.
- Petroleum mixtures, Fractionating. G. B. Coubrough. 2,030,281; Feb. 11.
- Petroleum oil, Continuous process of chemically treating. L. D. Jones. 2,035,655; Mar. 31.
- Petroleum oil distillate, Desulphurizing a. V. Kalichevsky. 2,028,335; Jan. 21.
- Petroleum oil, Refining of. J. C. Morrell. 2,027,648; Jan. 14.
- Petroleum oils and apparatus, Conversion and hydrogenation of heavy. R. H. McKee. 2,028,795; Jan. 28.
- Petroleum oils, Desulphurizing. F. M. Rogers. 2,028,995; Jan. 28.
- Petroleum oils, Desulphurizing. C. M. Ridgway. 2,057,918; Oct. 20.
- Petroleum oils, Refining of. E. B. Hjerpe and W. A. Gruse. 2,054,750; Sept. 15.
- Petroleum oils, Refining of. H. G. Smith. 2,035,349; Mar. 24.
- Petroleum oxidation products and their utilization. C. Ellis. 2,043,992; June 16.
- Petroleum product and making same. R. C. Moran, W. L. Evers, and E. W. Fuller. 2,058,343; Oct. 20.
- Petroleum products, Marking. F. X. Colligan. 2,058,774; Oct. 27.
- Petroleum products, Stabilizing gum forming. E. Ayres and M. L. Hill. 2,027,462; Jan. 14.
- Petroleum products and treating same, Distillate. J. B. Rather, L. C. Beard, Jr., and O. M. Reiff. 2,062,675; Dec. 1.
- Petroleum products, Treating. W. C. Merchant. 2,066,213; Dec. 29.
- Petroleum refinement and the like. C. G. Hawley. 2,059,522; Nov. 3.
- Petroleum refining system. W. T. Hancock. 2,035,547; Mar. 31.
- Petroleum refining system. W. T. Hancock. 2,048,546; July 21.
- Petroleum residues, Treating. C. W. Andrews and R. S. Petersen. 2,051,562; Aug. 18.
- Petroleum resin. U. B. Bray. 2,029,288; Feb. 4.
- Petroleum sludges and sludge acids, Treatment of. J. Robinson. 2,036,299; Apr. 7.
- Petroleum stock, Dewaxing. L. D. Jones. 2,053,337; Sept. 8.
- Petroleum, Treatment of. J. B. Barnes. 2,029,752; Feb. 4.
- Petroleum under vacuum, Distilling. S. S. Johnson, Jr. 2,050,329; Aug. 11.
- pH control. D. K. Allison. 2,063,140; Dec. 8.
- p-halogen-o-alkoxy-aniline derivatives and preparing the same. R. F. Goldstein and W. A. Sexton. 2,046,375; July 7.
- Pharmaceutical preparation. G. Klein and A. Grosse. 2,055,083; Sept. 22.
- Pharmaceutical preparation for stimulating the respiratory centre and increasing the circulation. F. Haffner and F. Sommer. 2,057,145; Oct. 13.
- Pharmaceutical tablets, Apparatus for testing. F. D. Smith and L. Grosch. 2,041,869; May 26.
- Phase and frequency modulation. G. L. Usselman. 2,036,165; Mar. 31.
- Phase indicator. W. A. Tolson. 2,036,444; Apr. 7.
- Phase modulation. W. V. Roberts. 2,050,067; Aug. 4.
- Phase modulation. H. Shore. 2,045,107; June 23.
- Phase modulation. G. L. Usselman. 2,036,164; Mar. 31.
- Phase modulation. G. L. Usselman. 2,049,143; July 28.
- Phase modulation. G. L. Usselman. 2,065,842; Dec. 29.
- Phase-responsive instrument. C. W. La Pierre. 2,054,676; Sept. 15.
- Phase rotation detector and frequency regulator. G. L. Usselman. 2,044,749; June 16.
- Phase-sequence indicator. A. R. Hand. 2,027,864; Jan. 14.
- Phasing system. C. S. Whitney and W. F. Quinby. 2,034,364; Mar. 17.
- Phenol aldehyde resins which are capable of being hardened, Production of oil-soluble. H. Hönell. 2,058,797; Oct. 27.
- Phenol, Cumyl. E. C. Britton and L. F. Martin. 2,028,043; Jan. 14.
- Phenol extraction. B. W. Winship. 2,037,295; Apr. 14.
- Phenol-formaldehyde resin. H. A. Bruson. 2,033,091; Mar. 3.
- Phenyl-magnesium chloride, Preparation of. E. C. Britton and H. R. Slagh. 2,056,822; Oct. 6.
- Phenol, Manufacture of. W. Prah and W. Mathes. 2,035,917; Mar. 31.
- Phenol, Preparing purified pure amino. I. Ostromislensky and A. V. Tolstouhiov. 2,035,502; Mar. 31.
- Phenol recovery. A. M. Taylor. 2,056,748; Oct. 6.
- Phenol salt and process, Purified amino. S. Semenov. 2,035,510; Mar. 31.
- Phenolic bodies, Production of Alkylated. T. Evans and K. R. Edlund. 2,051,473; Aug. 18.
- Phenolic compounds, Production of. W. Schoeller and H. Jordan. 2,054,270; Sept. 15.
- Phenolic condensation products, Producing potentially reactive. F. Kurath and O. A. Cherry. 2,056,280; Oct. 6.
- Phenolic condensation products and producing same. G. Barsky. 2,060,457; Nov. 10.
- Phenolic derivatives, Water-soluble. H. A. Bruson and O. Stein. 2,045,517; June 23.
- Phenols and mixtures containing phenols, Dehydrating. K. Buchheim and C. Räh. 2,051,782; Aug. 18.
- Phenols from aqueous liquors, Recovery of. F. Lüttge. 2,060,230; Nov. 10.
- Phenols from petroleum hydrocarbons, Production of alkyl. H. E. Buc and R. Schuler. 2,045,749; June 30.
- Phenols from phenol-containing liquors, Extraction of. S. P. Miller. 2,045,607; June 30.
- Phenols from waste and other liquors, Recovery of. S. P. Miller. 2,045,608; June 30.
- Phenols, Hydrolyzing chlor. S. G. Burroughs. 2,041,592; May 19.
- Phenols, Hydrolyzing chlor alkyl. S. G. Burroughs. 2,041,593; May 19.
- Phenols, Making tertiary alkyl. M. E. Putnam, E. C. Britton, and R. P. Perkins. 2,039,344; May 5.
- Phenols, Manufacture of alkyl. R. C. Huston. 2,051,300; Aug. 18.
- Phenols, Manufacture of alkyl. V. Ipatieff. 2,046,900; July 7.
- Phenols, Manufacture of oil soluble. C. P. Wilson, Jr. 2,060,965; Nov. 17.
- Phenols, Manufacture of oil-soluble polyhydric. C. P. Wilson, Jr. 2,052,858; Sept. 1.
- Phenols, Manufacture of oil-soluble polyhydric. C. P. Wilson, Jr. 2,063,212; Dec. 8.
- Phenols, Morpholino-metho polyhydric. H. A. Bruson. 2,040,040; May 5.
- Phenols, Preparation of polyalkyl-substituted. M. S. Carpenter. 2,064,885; Dec. 22.
- Phenols, Producing. E. B. Kester. 2,043,102; June 2.
- Phenolphthalein in mineral lubricating oils, Dispersing of. E. W. Adams. 2,063,575; Dec. 8.
- Phenomenon indicating device. A. F. Meyer. 2,050,446; Aug. 11.
- Phenoxyphenyl-alkyl ketones, Mixed. A. W. Ralston and C. W. Christensen. 2,033,540; Mar. 10.
- Phenyl-azo-2,4-diamino-benzene-hydrochloride and their production, Modifications of. A. T. Maximoff. 2,053,095; Sept. 1.
- Phenyl-diphenyl oxide, Halogenated. W. C. Stoesser. 2,028,081; Jan. 14.
- Phenyl-mercury acetate, Preparing. M. J. Rentschler. 2,050,018; Aug. 4.
- Phenyl morpholines, Hydroxy. H. B. Pray. 2,063,191; Dec. 8.
- Phenylphenols, Purification of. W. C. Stoesser. 2,050,815; Aug. 11.
- Phonograph. E. F. Andrews. 2,028,130; Jan. 21.
- Phonograph. N. C. Durand and H. F. M. Gramann. 2,042,171; May 26.
- Phonograph. H. C. Harrison. 2,035,473; Mar. 31.
- Phonograph. A. A. Johnson. 2,030,638; Feb. 11.
- Phonograph. L. Z. La Forest. 2,056,728; Oct. 6.
- Phonograph. S. G. Langley. 2,028,224; Jan. 21.
- Phonograph. W. D. La Rue. 2,050,008; Aug. 4.
- Phonograph. M. Nystrom. 2,057,107; Oct. 13.
- Phonograph. M. L. Ord. 2,034,245; Mar. 17.
- Phonograph. B. A. Proctor. 2,060,117; Nov. 10.
- Phonograph. C. E. Raney. 2,029,190-1; Jan. 28.
- Phonograph. J. E. Renholdt. 2,056,620; Oct. 6.
- Phonograph. A. B. Winchell. 2,064,777; Dec. 15.
- Phonograph pick-up. E. L. Bowles. 2,063,225; Dec. 8.
- Phonograph apparatus. W. H. Hutter. 2,058,693; Oct. 27.
- Phonograph apparatus. M. H. Loughridge. 2,034,105; Mar. 17.
- Phonograph apparatus. P. H. Smythe, Jr. 2,036,103; Mar. 31.
- Phonograph, Automatic. R. B. Bryant. 2,026,820; Jan. 7.
- Phonograph, Automatic. J. L. Vaughn. 2,039,756; May 5.
- Phonograph, Automatic record changing. T. W. Small. 2,047,749; July 14.
- Phonograph, Automatic. B. R. Carson. 2,062,396; Dec. 1.



- Phonograph, Automatic. A. Dahlstrom. 2,065,056; Dec. 22.
- Phonograph control by sound record. J. H. Hammond, Jr., and A. D. Trenor. 2,027,426; Jan. 14.
- Phonograph mechanism. C. L. Richardson and A. P. Holden. 2,029,119; Jan. 28.
- Phonograph, Miniature. J. H. Wilhelm. 2,034,888; Mar. 24.
- Phonograph, Miniature. J. H. Wilhelm. 2,043,687; June 9.
- Phonograph, Multiple record. A. C. Ansley. 2,043,789; June 9.
- Phonograph pick-up. A. Crossley and L. H. Hansen. 2,037,639; Apr. 14.
- Phonograph pickup, Electric. E. G. Murphy. 2,033,479; Mar. 10.
- Phonograph record. R. F. Warren. 2,028,126; Jan. 14.
- Phonograph record and making the same. H. T. Beans, G. H. Walden, Jr., and L. P. Hammett. 2,029,012; Jan. 28.
- Phonograph recorder, Electromagnetic. M. J. Johnson. 2,054,980; Sept. 22.
- Phonograph records, Forming. F. C. Barton. 2,039,140; Apr. 28.
- Phonograph, Repeating. J. H. Hammond, Jr. 2,027,427; Jan. 14.
- Phonograph reproducer. H. C. Harrison. 2,033,284; Mar. 10.
- Phonograph reproducer. A. C. Keller. 2,034,872; Mar. 24.
- Phonograph reproducer. L. Vieth. 2,055,187; Sept. 22.
- Phonographic apparatus. G. L. Dimmick. 2,031,822; Feb. 25.
- Phonographic apparatus. C. Huenlich. 2,042,228; May 26.
- Phonographic apparatus. L. T. Sachtleben. 2,031,857-8; Feb. 25.
- Phonographic construction. N. Monfort. 2,033,729; Mar. 10.
- Phonographic recorder. O. M. Dunning. 2,028,197; Jan. 21.
- Phonographs, Control for. C. W. Schwartz. 2,056,372; Oct. 6.
- Phonophotographic apparatus. C. N. Batsel and E. W. Kellogg. 2,031,813; Feb. 25.
- Phosphate, Alkaline trisodium. H. Adler. 2,050,249; Aug. 11.
- Phosphate charging stock, Preparing. H. A. Curtis and A. J. Abrams. 2,029,309; Feb. 4.
- Phosphate, Preparation of a soluble. I. L. Haag and W. R. Devor. 2,044,940; June 23.
- Phosphate rock, Agglomerating fine. H. A. Curtis. 2,040,081; May 12.
- Phosphates, Manufacture of. C. L. Levermore. 2,046,829; July 7.
- Phosphates, Manufacture of. L. Preisman. 2,046,841-2; July 7.
- Phosphates, Manufacture of. G. E. Taylor. 2,028,632; Jan. 21.
- Phosphates, Manufacture of alkyl. V. Ipatieff. 2,062,312; Dec. 1.
- Phosphates of manganese, Preparation of. C. F. Booth. 2,031,579; Feb. 18.
- Phosphates, Organic. S. L. Bass. 2,033,916; Mar. 17.
- Phosphates, Producing. B. Wadsted and M. Larsson. 2,036,244; Apr. 7.
- Phosphates, Producing metal. J. H. Coleman and F. H. Coleman. 2,063,029; Dec. 8.
- Phosphates, Treatment of raw. A. Foss, O. Jensen, and O. H. Lunde. 2,061,191; Nov. 17.
- Phosphorus, Apparatus for recovery of. F. P. Kerschbaum and S. D. Gooch. 2,050,797; Aug. 11.
- Phosphorus from dilute gases, Recovery of. F. P. Kerschbaum, W. H. Waggaman, and S. D. Gooch. 2,029,663; Feb. 4.
- Phosphorus recovery, Apparatus for. S. D. Gooch. 2,062,091; Nov. 24.
- Phosphorus, Recovery of. F. P. Kerschbaum and S. D. Gooch. 2,050,796; Aug. 11.
- Phosphorus, Separating. H. A. Curtis. 2,039,297; May 5.
- Photometer. C. Sheard, A. H. Sanford and D. A. Rogers. 2,051,317; Aug. 18.
- Photo amplifier arrangement. K. Schlesinger. 2,063,195; Dec. 8.
- Photo-amplifier tube. K. Schlesinger. 2,054,884; Sept. 22.
- Photo composing machine. E. E. Cooper and A. T. Troedel. 2,049,557; Aug. 4.
- Photo composing machine. A. T. Koppe. 2,043,802; June 9.
- Photocopy machine. W. P. Lloyd. 2,035,558; Mar. 31.
- Photocopy machine. W. P. Lloyd and M. H. Hill. 2,043,004; June 2.
- Photo copy machine. W. P. Lloyd and M. H. Hill. 2,050,956; Aug. 11.
- Photocopy machine. W. P. Lloyd and M. H. Hill. 2,065,383; Dec. 22.
- Photoelectric apparatus and operating the same. J. H. de Boer and M. C. Teves. 2,056,392; Oct. 6.
- Photoelectric apparatus. A. Thomas. 2,035,773; Mar. 31.
- Photoelectric cell. G. Calsow. 2,036,457; Apr. 7.
- Photoelectric cell. E. Falkenthal. 2,034,334; Mar. 17.
- Photoelectric cell, Cuprous oxide. W. Rosett. 2,049,472; Aug. 4.
- Photoelectric cell, Self-generating. E. Praetorius and J. E. Stewart. 2,041,953; May 26.
- Photoelectric cells quantitatively, Apparatus for using. M. N. States. 2,051,320; Aug. 18.
- Photo-electric device. J. H. de Boer and M. C. Teves. 2,027,025; Jan. 7.
- Photoelectric device. J. H. de Boer, C. Van Geel, and M. C. Teves. 2,060,977; Nov. 17.
- Photoelectric device. L. E. Flory. 2,045,984; June 30.
- Photoelectric device. W. Hickok. 2,047,369; July 14.
- Photoelectric device. M. A. Weckerly. 2,049,283; July 28.
- Photoelectric generator. W. Schottky. 2,040,632; May 12.
- Photo-electric intaglio and relief engraving system. W. Howey. 2,029,103; Jan. 28.
- Photoelectric relay apparatus. W. D. Cockrell. 2,049,355; July 28.
- Photoelectric system. A. J. McMaster and J. G. Wells. 2,035,907; Mar. 31.
- Photoelectric system for multiplying and translating electrical impulses. B. Kwartin. 2,049,911; Aug. 4.
- Photoelectric thermionic cell. E. Hopkins. 2,056,967; Oct. 13.
- Photoelectric tube. H. Geffcken and H. Richter. 2,031,102; Feb. 18.
- Photoelectric tube. H. H. Geffcken and H. R. Richter. 2,055,487; Sept. 29.
- Photoelectric tube. H. E. Ives. 2,047,371; July 14.
- Photoelectric tube. E. Rostas. 2,055,181; Sept. 22.
- Photo-electric tube. G. R. Stilwell. 2,029,040; Jan. 28.
- Photoelectric tube. M. C. Teves and H. J. M. Van Embden. 2,031,864; Feb. 25.
- Photo-electric tube and making same. J. H. de Boer, J. Bruynes, and M. C. Teves. 2,029,414; Feb. 4.
- Photoelectrostatic relay. H. Nelson. 2,027,751; Jan. 14.
- Photoflash lamp. J. H. Kurlander. 2,046,388; July 7.
- Photogrammetric restitution apparatus. E. Santoni. 2,057,921; Oct. 20.
- Photograph and cinematograph method, Polychromatic. P. E. Bonneau. 2,064,145; Dec. 15.
- Photograph display apparatus. H. Fabry. 2,040,251; May 12.
- Photograph film holder. J. T. McCutcheon. 2,052,480; Aug. 25.
- Photographic apparatus. F. A. Bourges. 2,027,369; Jan. 14.
- Photographic apparatus. S. M. Fairchild. 2,048,439; July 21.
- Photographic apparatus. J. J. Johnson. 2,050,571; Aug. 11.
- Photographic apparatus. O. V. Kean. 2,051,608; Aug. 18.
- Photographic apparatus. A. Longoria. 2,038,302; Apr. 21.
- Photographic apparatus. J. Mihalyi. 2,043,901; June 9.
- Photographic apparatus. L. F. Schwarz. 2,039,193; Apr. 28.
- Photographic apparatus for color cinematography. A. Valentin and L. Bassani. 2,043,522; June 9.
- Photographic bleaching-out layers. E. Rüst and A. Polgár. 2,054,390; Sept. 15.
- Photographic copying apparatus. B. C. Roehrl. 2,031,071; Feb. 18.
- Photographic copying machine. P. Landrock. 2,033,290; Mar. 10.
- Photographic developer. W. Schneider and G. Wilmanns. 2,060,594-6; Nov. 10.
- Photographic developer. H. Schultes. 2,057,451; Oct. 13.
- Photographic developer. F. E. Stockelbach. 2,037,742; Apr. 21.
- Photographic developer. H. Ulrich and K. Saurwein. 2,030,336; Feb. 11.
- Photographic element, Light-sensitive. M. W. Seymour. 2,043,905; June 9.
- Photographic emulsion. W. Dieterle. 2,066,099; Dec. 29.
- Photographic emulsion. O. C. Morrison. 2,038,307; Apr. 21.
- Photographic emulsions containing 7-alkyl-thio and pseudo-cyanines. L. G. S. Brooker. 2,060,023; Nov. 10.
- Photographic emulsions, Making. M. Schmid. 2,029,946; Feb. 4.
- Photographic emulsions, Sensitizing of. W. Zeh. 2,065,412; Dec. 22.
- Photographic emulsions, Sensitizing of. W. Zeh and W. Schneider. 2,065,411; Dec. 22.
- Photographic enlargement apparatus. W. Klatt. 2,055,235-6; Sept. 22.
- Photographic enlarger. J. P. Gaty. 2,061,192; Nov. 17.
- Photographic exposure material for color screen pictures, Production of a. M. Zeller. 2,061,182; Nov. 17.
- Photographic exposures, Apparatus for making. H. Herrmann. 2,064,472; Dec. 15.
- Photographic exposures, Method and apparatus for controlling. W. A. Edwards. 2,026,675; Jan. 7.
- Photographic fixing baths, Regeneration of. K. Kieser. 2,053,525; Sept. 8.
- Photographic image, Making a colored. M. W. Seymour. 2,063,348; Dec. 8.
- Photographic images, Obtaining slightly relieved. C. Bocca and L. Amati. 2,065,302; Dec. 22.
- Photographic lamp. R. W. Wengel. 2,043,913; June 9.
- Photomat, Making. D. M. Barnes and H. D. Dwight. 2,061,930; Nov. 24.
- Photographic mapping. I. C. Gardner. 2,037,017; Apr. 14.
- Photographic material. B. Gaspar. 2,028,279; Jan. 21.



- Photographic materials, Producing colored. B. Gaspar. 2,046,067; June 30.
- Photographic materials, Producing colored. B. Gáspár. 2,055,407; Sept. 22.
- Photographic materials to prevent halation, Backing of. W. Schneider. 2,058,725; Oct. 27.
- Photographic mats, Making. C. C. Briel. 2,051,161; Aug. 18.
- Photographic objective. W. Merté. 2,063,178; Dec. 8.
- Photographic plate and apparatus for loading the same. J. C. Hewitt, Jr., and V. E. Kuster. 2,027,642; Jan. 14.
- Photographic print drier. C. J. Hughey. 2,058,457; Oct. 27.
- Photographic printing. J. Eggert and G. Heymer. 2,049,694; Aug. 4.
- Photographic printing. J. Eggert and G. Heymer. 2,055,069; Sept. 22.
- Photographic printing apparatus. J. A. Jameson. 2,038,430; Apr. 21.
- Photographic printing apparatus. F. E. Tuttle. 2,039,691; May 5.
- Photographic printing device and method of printing. J. J. Cantor. 2,036,682; Apr. 7.
- Photographic printing machine. A. S. Howell. 2,043,853; June 9.
- Photographic printing machine. A. S. Howell. 2,047,474; July 14.
- Photographic-printing machine. D. A. Shiraeff and F. Jacobs. 2,041,153; May 19.
- Photographic printing machine or apparatus. A. Ludwig. 2,043,928; June 9.
- Photographic printing or enlarging apparatus. N. P. Billing. 2,053,317; Sept. 8.
- Photographic shutter. A. Barényi. 2,035,684; Mar. 31.
- Photographic shutter. W. A. Riddell. 2,051,225; Aug. 18.
- Photographic shutters. A. Barényi. 2,047,662; July 14.
- Photographic sound recording apparatus. F. H. Owens. 2,028,006; Jan. 14.
- Photographic survey from aircraft, Device for. E. Hörner. 2,047,070; July 7.
- Photographic type composing. E. Uher. 2,036,000; Mar. 31.
- Photographing upon film strips having non-sensitized ends. Accurately. W. H. Petit and E. S. Hine. 2,034,441; Mar. 17.
- Photographs, Apparatus for displaying. H. Fabry. 2,028,199; Jan. 21.
- Photographs, particularly in natural colors, on papers, films, and the like, Production of colored. F. Lejeune. 2,029,077; Jan. 28.
- Photography, Apparatus for use in color. E. Gretener. 2,030,446; Feb. 11.
- Photography, Color. T. T. Baker. 2,050,552; Aug. 11.
- Photography, Color. W. Chapman. 2,047,940; July 21.
- Photography, Color. W. Chapman and T. T. Baker. 2,049,556; Aug. 4.
- Photography, Color. G. Heymer. 2,042,895; June 2.
- Photography, Composite. C. B. Dreyer. 2,056,508; Oct. 6.
- Photography, Composite. F. W. Jackman. 2,030,300; Feb. 11.
- Photography, Producing special effects in motion picture. H. G. Jennings, P. K. Lerpée, and A. Zaugg. 2,051,526; Aug. 18.
- Photography, Stereoscopic. H. S. Newcomer. 2,045,093; June 23.
- Photolithographic and offset press plates, Graining and surfacing of metal. J. G. Goedike. 2,037,716; Apr. 21.
- Photolithographic process. W. H. Hackett and P. W. Pryke. 2,044,429; June 16.
- Photometer. A. Goudsmit and W. H. Summerson. 2,035,649; Mar. 31.
- Photometer. J. A. Greenwood. 2,051,208; Aug. 18.
- Photometer. L. I. Hull. 2,029,170; Jan. 28.
- Photometer. E. Reinhold and J. M. Bing. 2,064,987; Dec. 22.
- Photometric device. R. S. Hunter. 2,063,551; Dec. 8.
- Photo mount. F. J. Kellermeier. 2,049,165; July 28.
- Photophone. G. M. Wright and G. F. Brett. 2,031,198; Feb. 18.
- Photosensitive device. T. H. Long. 2,057,495; Oct. 13.
- Photosensitive device, Making a. S. F. Essig. 2,062,122; Nov. 24.
- Photosensitive tube. W. M. Patterson. 2,060,524; Nov. 10.
- Photo-touch sensitive apparatus. E. V. Bereche. 2,052,916; Sept. 1.
- Phototube. J. H. De Boer and M. C. Teves. 2,045,637; June 30.
- Phototube. D. G. Haines. 2,037,075; Apr. 14.
- Phototube. T. H. Long. 2,034,586; Mar. 17.
- Phototube. H. Nelson. 2,065,723; Dec. 29.
- Phototube. M. C. Teves. 2,066,081; Dec. 29.
- Phototube. E. Waldschmidt. 2,039,134; Apr. 28.
- Phthalic anhydride, Chlorination of. M. N. Dvornikoff. 2,028,383; Jan. 21.
- Phthalic anhydride in finely divided solid form, Production of. H. B. Foster. 2,064,468; Dec. 15.
- Phthalide and further treatment of the chlorination product, Chlorination of. P. R. Austin and E. W. Bousquet. 2,047,946; July 21.
- Phthalide halide and making it. M. A. Dietrich and C. S. Marvel. 2,053,269; Sept. 8.
- Physical health treatment, Apparatus for providing. A. D. Rawlings. 2,035,010; Mar. 24.
- Physiotherapeutic device. P. M. Thomas. 2,059,500; Nov. 3.
- Phytosterin-containing products, Producing concentrated. A. Schwiager. 2,046,345; July 7.
- Piano. C. L. Haddorf. 2,056,352; Oct. 6.
- Piano. L. Heitzmann. 2,061,154; Nov. 17.
- Piano action. W. S. Finholm. 2,032,745; Mar. 3.
- Piano-action spring. M. Sieveking. 2,046,853; July 7.
- Piano and like musical instruments using strings. P. H. Bilbuer. 2,048,368; July 21.
- Piano, Cabinet. M. B. Colwin and J. Sauerland. 2,058,001; Oct. 20.
- Piano keyboard. F. A. Vietor. 2,031,748; Feb. 25.
- Piano, Miniature upright. G. H. Downing. 2,063,796; Dec. 8.
- Piano sounding board. H. Fischer. 2,027,969; Jan. 14.
- Pick and pick bobbin changing loom. R. G. Turner. 2,058,113; Oct. 20.
- Pick and pick loom, Weft replenishing. W. H. Wakefield. 2,065,776; Dec. 29.
- Pick for stringed musical instruments. R. Dopyera. 2,045,571; June 30.
- Pick, Ice. W. F. Paradise. 2,039,926; May 5.
- Pick, Musical instrument. L. P. Bell. 2,063,011; Dec. 8.
- Pick, Nut. C. W. Weise. 2,063,136; Dec. 8.
- Pick, Stringed instrument. L. R. Keller. 2,052,405; Aug. 25.
- Pick-up and baler, Combination. W. F. MacGregor. 2,048,940; July 28.
- Pick-up and feeding device. F. H. Dellaree. 2,060,182; Nov. 10.
- Pick-up box carrying assembly. J. A. Volk. 2,052,506; Aug. 25.
- Pick-up mechanism for multiple spindle screw machines. A. E. Drissner and R. Beacon. 2,061,417; Nov. 17.
- Picker: See—  
Stone picker.
- Picker arm for potato planters. L. H. Kaupke. 2,062,578; Dec. 1.
- Picker for looms. L. Burgerstein. 2,048,836; July 28.
- Picker's sack carrier. E. L. Fugatt. 2,028,057; Jan. 14.
- Picking mechanism for looms. V. H. Jennings. 2,062,717; Dec. 1.
- Pickling apparatus, Electrolytic. A. E. Chester. 2,045,581; June 30.
- Pickling chain. J. S. Anderson. 2,063,017; Dec. 8.
- Pickling chain. J. L. Gerber. 2,049,254; July 28.
- Pickling compound and making and using same. P. J. Cole. 2,037,762; Apr. 21.
- Picrates, Preparing metal. J. C. Bird. 2,065,110; Dec. 22.
- Picric acid compounds. J. C. Bird. 2,065,111; Dec. 22.
- Pictorial representation. A. Ames, Jr. 2,064,870; Dec. 22.
- Picture and talking machine, Combined moving. C. Wurm and R. Goldstein. 2,064,049; Dec. 15.
- Picture apparatus. M. Fleischer. 2,050,697; Aug. 11.
- Picture apparatus, Motion. F. Conrad, C. Aalborg, and O. B. French. 2,032,116; Feb. 25.
- Picture apparatus, Motion. C. Doino. 2,034,176; Mar. 17.
- Picture apparatus, Motion. H. C. Holden. 2,048,382; July 21.
- Picture apparatus, Motion. F. H. Owens. 2,052,792; Sept. 1.
- Picture apparatus, Natural colored motion. T. A. and R. T. Killman. 2,060,503; Nov. 10.
- Picture apparatus, Portable talking motion. H. C. Holden. 2,031,832; Feb. 25.
- Picture apparatus, Self threading motion. E. E. Underwood and H. C. Wellman. 2,043,909; June 9.
- Picture apparatus, Sound. E. H. Smythe. 2,027,207; Jan. 7.
- Picture apparatus, Talking motion. J. R. Kiel. 2,031,608; Feb. 25.
- Picture, Composite. C. F. Gillette. 2,028,975; Jan. 28.
- Picture, Composite. W. H. O'Brien. 2,029,500; Feb. 4.
- Picture, Composite motion. F. W. Jackman. 2,064,206; Dec. 15.
- Picture copying and projecting, Motion. E. Gretener. 2,060,669; Nov. 10.
- Picture display device. O. C. Dennis. 2,029,415; Feb. 4.
- Picture frame. A. L. Shaw. 2,044,125; June 16.
- Picture frame and method of making the same. A. Golden. 2,045,770; June 30.
- Picture, Interchangeable sectional. J. A. Dailey. 2,037,966; Apr. 21.
- Picture machine, Motion. B. Stechbart. 2,064,088; Dec. 15.
- Picture, Motion. A. N. Goldsmith. 2,032,410; Mar. 3.
- Picture mountings, Making. I. E. Bradley. 2,055,570; Sept. 29.
- Picture, Printing part color. J. Eggert and G. Heymer. 2,037,314; Apr. 14.
- Picture printing plate and allied elements, and method and steps for making the same. G. E. Losier. 2,032,541; Mar. 3.
- Picture projecting apparatus, Motion. E. May. 2,053,966; Sept. 8.
- Pictures, Projection of moving. E. B. Patterson. 2,066,158; Dec. 29.
- Picture projector and screen, Combination stereoscopic motion. A. P. Bloxson. 2,050,826; Aug. 11.
- Picture projector attachment, Motion. L. Soman. 2,037,602; Apr. 14.
- Picture projector for sound motion pictures, Motion. T. Lindenberg, Jr. 2,050,494; Aug. 11.



- Picture projector, Motion. A. Callier and F. Heger. 2,027,675; Jan. 14.
- Picture projector, Motion. L. W. Lessler. 2,057,153; Oct. 13.
- Picture projector, Motion. W. L. Wright. 2,028,484; Jan. 21.
- Picture projector, Portable motion. W. H. Bauch. 2,038,520; Apr. 28.
- Picture projector, Safety motion. H. W. Nepo. 2,045,022; June 23.
- Picture record, Sound. T. W. Case. 2,030,098; Feb. 11.
- Picture recording system, Sound. I. M. Chambers. 2,055,654; Sept. 29.
- Picture reproducing system. F. Schröter. 2,058,636; Oct. 27.
- Picture reproduction, Natural color. G. W. Walton. 2,061,016; Nov. 17.
- Picture sound recording and reproducing apparatus, Moving. P. Safranski and K. Ross. 2,031,794; Feb. 25.
- Picture stereoscopy, Motion. A. W. Carpenter. 2,045,119; June 23.
- Picture stereoscopy, Motion. A. W. Carpenter. 2,055,118; Sept. 22.
- Picture system, Synchronized talking. S. A. Murdock. 2,039,735; May 5.
- Picture transmission system. C. J. F. Tweed. 2,034,162; Mar. 17.
- Picture transmitting system. A. Bailey. 2,047,817; July 14.
- Picture transmission, Method of and apparatus for. F. Schröter. 2,056,301; Oct. 6.
- Picture with directional effect, Talking. J. H. Hammond, Jr. 2,060,204; Nov. 10.
- Pictures, Apparatus for making composite talking motion. W. L. Douden. 2,027,028; Jan. 7.
- Pictures, Displaying. I. M. Terwilliger. 2,026,713; Jan. 7.
- Pictures in relief, Drawing and photographing stereoscopic. F. H. Owens. 2,057,051; Oct. 13.
- Pictures, Process and apparatus for producing stereopticon motion. F. B. Crosier. 2,056,600; Oct. 6.
- Pictures, Method and apparatus for treating photographic. H. Casler. 2,055,653; Sept. 29.
- Pictures, Method of and apparatus for taking motion. L. J. R. Holst. 2,055,492; Sept. 29.
- Pictures, particularly in natural colors on paper, films, and the like, Production of colored. F. Lieng. 2,036,945; Apr. 7.
- Pictures, Producing colored. F. H. Müller. 2,035,825; Mar. 31.
- Pictures, Producing composite. C. G. Briel. 2,028,862-3; Jan. 28.
- Pictures, Producing composite. F. W. Jackman. 2,045,084; June 23.
- Pictures, Projection of motion. A. W. Carpenter. 2,045,120; June 23.
- Pictures, Receiving. E. Wildhaber. 2,051,356; Aug. 18.
- Pie loosener, cutter, and remover. G. Missiaen. 2,063,327; Dec. 8.
- Piepan. E. O. Henderson. 2,033,574; Mar. 10.
- Pie pan. M. M. Young. 2,030,344; Feb. 11.
- Piepan holder. E. F. McConnell. 2,049,128; July 28.
- Pie plate lifter. L. Nelson. 2,054,708; Sept. 15.
- Pie rack. J. N. Karalis. 2,034,238; Mar. 17.
- Piezoelectric crystal. A. B. Tripp. 2,051,624; Aug. 18.
- Piezoelectric crystal apparatus. C. A. Bieling. 2,032,865; Mar. 3.
- Piezo-electric crystal apparatus. R. E. Franklin. 2,027,526; Jan. 14.
- Piezoelectric device. E. C. Nicholides. 2,045,403; June 23.
- Piezoelectric element. S. Bloomenthal. 2,047,252; July 14.
- Piezoelectric filter. J. J. Lamb. 2,054,757; Sept. 15.
- Pig iron or steel simultaneously with Portland cement, Producing. E. Karwat. 2,035,550; Mar. 31.
- Pigment. W. A. Adamson. 2,032,458; Mar. 3.
- Pigment. H. R. Rafton. 2,049,021; July 28.
- Pigment and preparing the same, Inorganic colored. E. Korinth and G. Meder. 2,028,980; Jan. 28.
- Pigment, Blended. J. E. Booge. 2,046,054; June 30.
- Pigment composition and preparation thereof. C. R. Park. 2,050,193; Aug. 4.
- Pigment manufacture. A. M. Brooks and H. R. Rafton. 2,062,255; Nov. 24.
- Pigment manufacture. A. M. Brooks and H. R. Rafton. 2,066,066; Dec. 29.
- Pigment of fine texture, Titanium oxide. M. L. Hanahan. 2,044,941; June 23.
- Pigment paste. E. H. Nollau. 2,038,755; Apr. 28.
- Pigment, Production of cellulose-coated. F. B. Downing and R. G. Clarkson. 2,046,253; June 30.
- Pigmented coating composition. E. Rodman. 2,036,300; Apr. 7.
- Pigmented film-forming composition. H. A. Gardner. 2,037,322; Apr. 14.
- Pigments. F. W. Johnson. 2,046,267; June 30.
- Pigments and film-forming compositions containing the same. H. A. Gardner. 2,037,323; Apr. 14.
- Pigments and making the same, Rutile. P. Kubelka and J. Srhek. 2,062,133; Nov. 24.
- Pigments, Chrome. E. Lederle. 2,063,254; Dec. 8.
- Pigments, Colored titanium dioxide. R. N. McKinney and C. E. Smith. 2,062,137; Nov. 24.
- Pigments, Making yellow. J. J. O'Brien. 2,061,368; Nov. 17.
- Pigments, Manufacture of composite titanium. L. W. Ryan and W. J. Cauwenberg. 2,066,074; Dec. 29.
- Pigments, Manufacture of titanium. W. F. Washburn and F. L. Kingsbury. 2,055,222; Sept. 22.
- Pigments of the indanthrone series, Producing. F. W. Johnson. 2,026,637; Jan. 7.
- Pigments, Production of. H. S. Booth. 2,048,593; July 21.
- Pigments, Production of composite. G. E. Johnson and T. H. Donahue. 2,046,823; July 7.
- Pigments, Recovering. O. Ungnade and W. F. Richards. 2,031,991; Feb. 25.
- Pigments, Rutile. P. Kubelka and J. Srhek. 2,062,134; Nov. 24.
- Pike, Safety. L. Jensen and R. Sherman. 2,031,044; Feb. 18.
- Pile. W. Austerhülle. 2,063,142; Dec. 8.
- Pile. E. Becker. 2,063,146; Dec. 8.
- Pile, Concrete. E. C. Alexander. 2,065,507; Dec. 29.
- Pile driver. H. R. Smith. 2,056,744; Oct. 6.
- Pile driving attachment. W. H. Nichols. 2,040,668; May 12.
- Pile fabric. C. E. Barrett. 2,030,851; Feb. 18.
- Pile fabric. G. S. Hiers. 2,057,831; Oct. 20.
- Pile fabric. W. D. Kellogg. 2,028,872; Jan. 28.
- Pile fabric. G. J. Underwood. 2,037,548; Apr. 14.
- Pile fabric and making same. M. G. Curtis. 2,033,881; Mar. 10.
- Pile fabric and making the same. F. M. Kaufman. 2,029,621; Feb. 4.
- Pile fabric and producing the same. A. Blumenthal and E. S. Jacobsen. 2,058,948; Oct. 27.
- Pile fabric and the method and apparatus for making same. X. Banister and J. F. Paulsen. 2,052,071; Aug. 25.
- Pile fabric, Apparatus for the manufacture of cemented. P. S. Smith. 2,050,740; Aug. 11.
- Pile, Iron. E. Becker. 2,035,217; Mar. 24.
- Pile lowering device for printing presses. A. and E. Kluge. 2,027,177; Jan. 7.
- Pile, Metal. W. Prielipp. 2,057,310; Oct. 13.
- Pile shells, Apparatus for driving. E. D. Watt. 2,050,215; Aug. 4.
- Pile straightening and holding device. W. D. Kellogg. 2,035,236; Mar. 24.
- Piles, Forming foundation. E. D. Watt. 2,047,344; July 14.
- Piles, Method and apparatus for driving. C. A. Orr and E. W. Riemenschneider. 2,036,355; Apr. 7.
- Piling. O. Grave. 2,043,891; June 9.
- Piling, Driving sheet. A. H. Hausler. 2,057,947; Oct. 20.
- Piling in soft sandy material, Casting bell-bottom place. B. E. Bertran. 2,027,511; Jan. 14.
- Piling section. A. Borberg. 2,063,293; Dec. 8.
- Piling section. G. G. Greulich. 2,056,066; Sept. 29.
- Piling, Sheet. T. Ditchburn. 2,050,934; Aug. 11.
- Piling, Sheet iron. O. Wolff. 2,032,243; Feb. 25.
- Pill or tablet for internal medicinal uses, Insoluble. E. G. Zellers. 2,052,376; Aug. 25.
- Pillar or the like, Adjustable supporting. W. Buckstone. 2,042,443; May 26.
- Pillow. S. Buchman. 2,029,608; Feb. 4.
- Pillowcase turner and doffer. H. D. Larnard and H. R. Mathewson. 2,060,511; Nov. 10.
- Pilot burner apparatus. G. A. Tuck. 2,042,688; June 2.
- Pilot control means. A. Wild. 2,056,550; Oct. 6.
- Pilot control reducing valve. B. L. Robart and E. P. Buell. 2,037,179; Apr. 14.
- Pilot controlled valve. H. Hollerith, Jr. 2,055,576; Sept. 29.
- Pilot controlled valve. D. B. Williamson. 2,040,229; May 12.
- Pilot director. S. M. Burka. 2,038,537; Apr. 28.
- Piloting system, Automatic. M. Wallace. 2,063,534; Dec. 8.
- Pilot pressure control mechanism. L. J. Griffey. 2,032,611; Mar. 3.
- Pilot-wire protection for transmission lines. L. B. Le Vesconte. 2,027,237; Jan. 7.
- Pin construction, Tuning. E. G. Mockly. 2,065,342; Dec. 22.
- Pin: See—
- |                         |                      |
|-------------------------|----------------------|
| Brake shoe roller pin.  | King pin.            |
| Cotter pin.             | Printers' gauge pin. |
| Dredge bucket pin.      | Rotary pin.          |
| Electrical contact pin. | Safety pin.          |
| Gauge pin.              | Self-locking pin.    |
- Pin and making the same, Sheet metal insulator support. A. A. Hoher and M. Lasher. 2,032,017; Feb. 25.
- Pin-and-slot driving mechanism. J. F. Felies. 2,050,651; Aug. 11.
- Pin and supporting hook, Combined hinge. F. J. Flinn. 2,049,903; Aug. 4.
- Pin bearing construction, Wrist. H. A. Gehres. 2,027,035; Jan. 7.
- Pin for brake shoes, Locking. G. Garand. 2,061,964; Nov. 24.
- Pin for vacuum tube and method of molding, Contact. S. W. Severance and J. W. Kessler. 2,040,674; May 12.
- Pin tumbler cylinder lock. R. L. Neer. 2,062,010; Nov. 24.
- Pincers. V. V. and W. Villard. 2,055,270; Sept. 22.
- Pincers and nailer, Half-soling. G. Ferrini. 2,048,857; July 28.
- Pineapple machine, Automatic. R. B. Taylor. 2,034,160; Mar. 17.



- Pineapple packing. H. H. Dulany. 2,053,238; Sept. 1.  
 Pinion for clocks and the like and making the same. R. H. Whitehead. 2,062,627; Dec. 1.  
 Pinion, Safety. M. R. Hanna. 2,056,785; Oct. 6.  
 Pinion shaft bearing. A. J. Peterman. 2,040,793; May 12.  
 Pinker guard and fabric guide. M. Kleiman and M. Braunstein. 2,061,707; Nov. 24.  
 Pinking device for sewing machines. J. Brussell. 2,049,351; July 28.  
 Pinning device, Mechanical. W. F. Ortiz. 2,044,627; June 16.  
 Pinning machine. C. A. Flood. 2,042,888; June 2.  
 Pins, Making wrist. F. H. Banner. 2,027,573; Jan. 14.  
 Pins, wire-tacks, and the like, Production of drawing. J. Hockelmann. 2,040,553; May 12.  
 Pipe: See—  
     Bent pipe. Smoker's pipe.  
     Butt-weld pipe. Smoking pipe.  
     Insulated pipe. Soap bubble pipe.  
     Irrigating pipe. Stove pipe.  
     Metal pipe. Tobacco pipe.  
     Monolithic cementitious pipe. Tobacco smoking pipe.  
     Water pipe.  
 Pipe. C. A. Hill. 2,029,424; Feb. 4.  
 Pipe. A. Torrese. 2,040,190; May 12.  
 Pipe and apparatus for the manufacture of the same, Centrifugally spun concrete. A. R. McMullin. 2,044,178; June 16.  
 Pipe and casing spinning apparatus. W. W. Foster. 2,060,189; Nov. 10.  
 Pipe and like structure, Composite. R. W. Mitchell. 2,031,057; Feb. 18.  
 Pipe and making same, Corn cob. R. M. Strutz and E. J. Steuterman. 2,027,457; Jan. 14.  
 Pipe and making same, Welded metal. G. G. Walker. 2,028,096; Jan. 14.  
 Pipe and oil can opener, Combination breather. H. F. Plaster. 2,034,958; Mar. 24.  
 Pipe appliance, Drain. J. Smith. 2,050,590; Aug. 11.  
 Pipe assembly for water closet bowls, Combination flushing and ventilating. T. H. Moore. 2,042,271; May 26.  
 Pipe attachment, Smoking. A. T. Anderson. 2,061,055; Nov. 17.  
 Pipe bends, Manufacturing. T. W. Lowe. 2,039,968; May 5.  
 Pipe blanks, Forming metal. G. G. Walker. 2,037,608; Apr. 14.  
 Pipe casting apparatus, Centrifugal. N. F. S. Russell and F. C. Langenberg. 2,027,453; Jan. 14.  
 Pipe clamp. B. E. Gavin. 2,059,573; Nov. 3.  
 Pipe cleaning apparatus. S. Thayer. 2,064,577; Dec. 15.  
 Pipe cleaning device. F. R. Sutfin and C. Cailliau. 2,063,205; Dec. 8.  
 Pipe closure, Tank filling. E. A. Gould and H. de Caigny. 2,029,477; Feb. 4.  
 Pipe coating apparatus. W. R. Postlewaite. 2,040,876; May 19.  
 Pipe coating apparatus. K. T. Potthoff. 2,050,859; Aug. 11.  
 Pipe coating machine. D. N. Halstead. 2,044,778; June 23.  
 Pipe collars in situ, Splitting. W. T. Wells. 2,037,955; Apr. 21.  
 Pipe connector, Automatic train. J. Robinson. 2,048,032; July 21.  
 Pipe connector, Universal. G. H. Kleekamp. 2,046,124; June 30.  
 Pipe connection. K. Sander. 2,032,720; Mar. 3.  
 Pipe connection, Train. F. N. Bard. 2,057,130; Oct. 13.  
 Pipe construction. G. A. Maguire. 2,040,019; May 5.  
 Pipe construction. M. M. Ogee. 2,045,671; June 30.  
 Pipe coupling. E. L. Chappell. 2,040,766; May 12.  
 Pipe coupling. E. C. Elkins. 2,057,771; Oct. 20.  
 Pipe coupling. H. F. Johnson. 2,041,132; May 19.  
 Pipe coupling. C. S. Reed. 2,055,729; Sept. 29.  
 Pipe coupling, Irrigation. J. A. Lambie. 2,052,046; Aug. 25.  
 Pipe coupling parts, making. J. F. King. 2,027,176; Jan. 7.  
 Pipe coupling, Protective. L. L. Wadsworth. 2,053,807; Sept. 8.  
 Pipe cutter. G. Hammond. 2,064,661; Dec. 15.  
 Pipe cutter. E. G. Summers. 2,061,442; Nov. 17.  
 Pipe cutting machine. C. E. Glick. 2,063,498; Dec. 8.  
 Pipe cutting machine. R. B. Pealer. 2,055,909; Sept. 29.  
 Pipe cutting or welding machine, Circumferential. J. L. Anderson. 2,050,146; Aug. 4.  
 Pipe during rotary drilling, Apparatus for handling drill. H. N. Herrick. 2,049,008; July 28.  
 Pipe-end cutting or beveling apparatus. J. H. Bucknam and F. C. Geibig. 2,054,925; Sept. 22.  
 Pipe extension, Motor vehicle exhaust. J. F. Martin. 2,047,378; July 14.  
 Pipe fitting. C. G. Newton. 2,045,669; June 30.  
 Pipe fitting. J. J. O'Leary. 2,031,849; Feb. 25.  
 Pipe fitting. G. B. Pickop. 2,062,145; Nov. 24.  
 Pipe fitting. C. A. VanDusen. 2,026,954; Jan. 7.  
 Pipe forming process. W. L. Enghausen. 2,032,271; Feb. 25.  
 Pipe for use in conveying abrasive materials, Sectional. N. W. Young. 2,057,869; Oct. 20.  
 Pipe guide and anchor for underground conduits. H. W. Porter and W. G. Turno. 2,046,410; July 7.  
 Pipe handling apparatus. S. B. Hitchens. 2,060,214; Nov. 10.  
 Pipe handling equipment. F. W. Black, R. E. Lindemann, and G. M. Schaulin. 2,032,523; Mar. 3.  
 Pipe heater construction. G. W. Watts and W. B. Mathews. 2,034,362; Mar. 17.  
 Pipe joint. H. C. Bates. 2,038,629; Apr. 28.  
 Pipe joint. E. Hering. 2,032,376; Mar. 3.  
 Pipe joint. W. L. Leedy. 2,040,092; May 12.  
 Pipe joint. C. McKendrick. 2,037,812; Apr. 21.  
 Pipe joint. J. G. McMahon. 2,036,596; Apr. 7.  
 Pipe joint. E. J. Protin. 2,056,112; Sept. 29.  
 Pipe joint. J. C. Siegle. 2,051,499; Aug. 18.  
 Pipe joint. G. Slayter. 2,050,023; Aug. 4.  
 Pipe joint. R. Treskow. 2,042,132; May 26.  
 Pipe joint. S. T. Wentz. 2,034,165; Mar. 17.  
 Pipe joint and fitting and making the joints. W. R. Ost. 2,050,728; Aug. 11.  
 Pipe joint and making the same. E. Brown. 2,037,962; Apr. 21.  
 Pipe joint assembly. T. D. Nathan. 2,032,492; Mar. 3.  
 Pipe joint or coupling. H. W. Brownson, F. Gee and H. F. Wagstaff. 2,055,276; Sept. 22.  
 Pipe joint, particularly for concrete pipes. H. Hunziker. 2,051,557; Aug. 18.  
 Pipe joints, Forming. L. A. Weston. 2,055,885; Sept. 29.  
 Pipe line uncovering means. W. G. Van Voorhis and C. F. Yocum. 2,052,372; Aug. 25.  
 Pipe lines, Apparatus for cleaning. R. W. Howe, R. E. Love, and J. H. Wood, Jr. 2,028,779; Jan. 28.  
 Pipe lines, Device for clearing and cleaning clogged. E. J. Grace. 2,051,700; Aug. 18.  
 Pipe, Manufacture of fusion welded. J. L. Anderson. 2,036,673; Apr. 7.  
 Pipe, Manufacturing noncorrosive armored metal. W. A. Kraner. 2,030,515; Feb. 11.  
 Pipe, Method and apparatus for constructing. R. Williams. 2,060,544; Nov. 10.  
 Pipe, Method for tapping. W. W. Trickey. 2,050,985; Aug. 11.  
 Pipe nipple chuck. A. A. Graham. 2,048,333; July 21.  
 Pipe or like joints. G. S. Cleghorn. 2,035,221; Mar. 24.  
 Pipe or tubing and manufacture of same. H. J. Little and G. W. Hines. 2,054,703; Sept. 15.  
 Pipe or tubing, Making welded. J. L. Anderson. 2,040,164; May 12.  
 Pipe or tubing, Manufacture of. J. L. Anderson. 2,044,491; June 16.  
 Pipe patching device. W. F. Bronsell. 2,046,766; July 7.  
 Pipe pressure coupling. R. R. Simmons. 2,038,766; Apr. 28.  
 Pipe puller. W. F. Hall and G. A. Lowrey. 2,058,687; Oct. 27.  
 Pipe puller and pusher. J. G. Scott and F. L. Fraizer. 2,056,489; Oct. 6.  
 Pipe reamer. I. Florman. 2,034,337; Mar. 17.  
 Pipe section protection. J. W. Van Dyke. 2,028,576; Jan. 21.  
 Pipe sleeve extension and holder therefor. E. E. Hall. 2,053,555; Sept. 8.  
 Pipe stanchion. M. E. Ritter. 2,045,927; June 30.  
 Pipe straightening machine. R. E. Brock and E. T. Peterson. 2,049,992; Aug. 4.  
 Pipe support. R. B. Pealer. 2,055,908; Sept. 29.  
 Pipe testing apparatus. W. R. Postlewaite. 2,062,527; Dec. 1.  
 Pipe testing plug. M. Santucci. 2,064,569; Dec. 15.  
 Pipe thread protector. L. S. Gunderman. 2,028,325; Jan. 21.  
 Pipe, Transportation of. E. C. Pagel. 2,059,390; Nov. 3.  
 Pipe, Treating coated. E. P. Bly. 2,061,825; Nov. 24.  
 Pipe union and check valve, Combined. F. R. Long. 2,059,531; Nov. 3.  
 Pipe welding apparatus. E. Thieme. 2,043,020; June 2.  
 Pipe welding machine, Automatic. W. F. Muehl. 2,061,287; Nov. 17.  
 Pipe wrapping machine. J. S. Carroll and D. N. Halstead. 2,051,634; Aug. 18.  
 Pipe wrapping machine. W. R. Postlewaite. 2,037,043; Apr. 14.  
 Pipe wrapping machine. E. L. Rolfs. 2,036,887; Apr. 7.  
 Pipe wrapping machine. L. S. Rosener. 2,027,704; Jan. 14.  
 Pipe wrench. V. Barton. 2,063,220; Dec. 8.  
 Pipe wrench. J. V. Larson. 2,063,318; Dec. 8.  
 Pipe wrench. W. C. Thewes. 2,051,755; Aug. 18.  
 Pipes and like articles centrifugally, Manufacture of cast metal. F. G. Carrington. 2,045,753; June 30.  
 Pipes and the like, Apparatus for producing hollow concrete. J. Stussi. 2,038,861; Apr. 28.  
 Pipes and the like, Device and method for opening clogged. R. C. Gannon. 2,047,182; July 14.  
 Pipes and the like, Mounting of siphon. H. G. Cram. 2,045,634; June 30.  
 Pipes and tubes, Method and apparatus for coating. W. Dudley. 2,040,767; May 12.  
 Pipes, Apparatus for cleaning. L. I. Rivard and C. I. Bomster. 2,030,398; Feb. 11.  
 Pipes, Attachment for smoking. G. R. McAllaster. 2,052,237; Aug. 25.  
 Pipes, Manufacture of seamless. K. Korbuly. 2,044,358; June 16.  
 Pipes, Manufacture of steel. A. G. H. and M. J. Ferguson. 2,038,433; Apr. 21.



- Pipes, Method of and apparatus for forming spiral. B. W. Henning. 2,059,578; Nov. 3.
- Pipes, Molding. H. Radlovich. 2,026,996; Jan. 7.
- Pipes or tubes, Method and apparatus for embossing. H. J. Little and G. W. Hines. 2,054,704; Sept. 15.
- Pipes, pillars, and other cylindrical forms in plastic materials, Apparatus for molding. J. D. Hall. 2,066,288; Dec. 29.
- Pipes, Tamping and stoking attachment for tobacco. E. F. Haas. 2,041,469; May 19.
- Piping, wetting, or the like. A. W. Rockwood. 2,052,661; Sept. 1.
- Pipings, Separating, emptying, cleaning device for liquid containing. C. Giraud. 2,055,287; Sept. 22.
- Pistol, Machine gun type. R. J. Rickenbacher. 2,045,369; June 23.
- Pistol, Quick-firing. K. Westinger. 2,058,746; Oct. 27.
- Pistol, Torpedo firing. J. and M. M. Marra. 2,051,564; Aug. 18.
- Piston. G. M. Barnes. 2,035,450; Mar. 31.
- Piston. H. Becker. 2,040,972; May 19.
- Piston. A. L. R. Bernard. 2,057,758; Oct. 20.
- Piston. J. B. Brennan. 2,033,226; Mar. 10.
- Piston. J. B. Brennan. 2,044,379; June 16.
- Piston. C. S. Brown. 2,028,822; Jan. 28.
- Piston. D. J. Campbell. 2,043,424; June 9.
- Piston. R. H. Carr and L. A. Ogden. 2,065,051; Dec. 22.
- Piston. E. E. Cater. 2,063,724; Dec. 8.
- Piston. H. T. Chandler. 2,040,293; May 12.
- Piston. G. W. Crist. 2,051,546-7; Aug. 18.
- Piston. J. H. Davis. 2,062,808; Dec. 1.
- Piston. R. E. Day. 2,047,856-7; July 14.
- Piston. R. E. Day. 2,053,324; Sept. 8.
- Piston. H. H. Dillon. 2,058,424; Oct. 27.
- Piston. G. E. Evans. 2,060,292; Nov. 10.
- Piston. P. M. Freer. 2,037,227; Apr. 14.
- Piston. H. S. Hewitt. 2,033,830; Mar. 10.
- Piston. F. Jardine. 2,044,074; June 16.
- Piston. A. Lack. 2,027,179; Jan. 7.
- Piston. J. Le Valley and A. M. Stenger. 2,051,305; Aug. 18.
- Piston. E. C. Long. 2,044,854; June 23.
- Piston. J. W. MacClatchie. 2,051,262; Aug. 18.
- Piston. A. A. Nelson. 2,032,849; Mar. 3.
- Piston. A. L. Nelson. 2,038,754; Apr. 28.
- Piston. A. L. Nelson. 2,043,112; June 2.
- Piston. A. L. Nelson. 2,050,452; Aug. 11.
- Piston. A. L. Nelson. 2,052,985; Sept. 1.
- Piston. G. C. Nienow. 2,049,922; Aug. 4.
- Piston. A. B. Norton. 2,046,789; July 7.
- Piston. A. B. Norton. 2,062,625; Dec. 1.
- Piston. R. L. O'Connor. 2,028,799; Jan. 28.
- Piston. G. C. Ramspeck. 2,056,079; Sept. 29.
- Piston. J. W. Roberts. 2,058,261; Oct. 20.
- Piston. F. G. Shoemaker. 2,043,013; June 2.
- Piston. W. J. Six. 2,046,587; July 7.
- Piston. R. N. Steele and E. E. McIlvain. 2,040,032; May 25.
- Piston. C. W. Truxell, Jr. 2,046,196; June 30.
- Piston. A. Valášek and E. Valenta. 2,036,448; Apr. 7.
- Piston. G. D. Welty. 2,062,624; Dec. 1.
- Piston, Adjustable. F. J. Smallwood and W. E. Willson. 2,056,302; Oct. 6.
- Piston, Air-cooled. H. P. Miller. 2,058,485; Oct. 27.
- Piston, Aluminum-coated. D. J. Block. 2,063,904; Dec. 15.
- Piston and connecting rod. J. List. 2,046,903; July 7.
- Piston and connecting rod construction. W. C. Bell and W. N. Fischer. 2,065,509; Dec. 29.
- Piston and crosshead assemblies, Making fabricated. C. Steenstrup. 2,059,822; Nov. 3.
- Piston and piston ring. C. W. Hepfinger. 2,036,632; Apr. 7.
- Piston and piston ring assembly. J. D'Agostino. 2,044,499; June 16.
- Piston and ring construction. E. M. Tucker. 2,048,416; July 21.
- Piston and the like, Combustion engine. J. T. H. Dempster. 2,057,560; Oct. 13.
- Piston assembly. C. Schindler. 2,063,464; Dec. 8.
- Piston block. S. J. Janeko. 2,064,756; Dec. 15.
- Piston, Coated aluminum. H. Bengston. 2,036,740; Apr. 7.
- Piston, Compensating. C. J. Curtis. 2,051,164; Aug. 18.
- Piston, Composite. T. P. Chase. 2,026,611; Jan. 7.
- Piston, Composite. J. Flammang, P. L. Bowser, and H. Ernst. 2,028,322; Jan. 21.
- Piston, Composite rubber. H. D. Geyer. 2,029,367; Feb. 4.
- Piston compression ring. C. E. Berstler. 2,034,555; Mar. 17.
- Piston compressor, Free. R. P. Pescara. 2,056,533; Oct. 6.
- Piston compressor having rotary valve gear. H. Wältli. 2,034,069; Mar. 17.
- Piston connecting linkage, Differential. R. C. Moffitt. 2,057,158; Oct. 13.
- Piston construction. H. Garvin. 2,034,805; Mar. 24.
- Piston construction of internal combustion engines. W. S. Burn. 2,064,371; Dec. 15.
- Piston device. W. E. Dean, Jr. 2,045,177; June 23.
- Piston, Divided. F. R. Dietrich. 2,035,692; Mar. 31.
- Piston, Engine. L. M. Atwood. 2,038,404; Apr. 21.
- Piston, Engine. J. Rezosky. 2,043,920; June 9.
- Piston, Engine. E. Nelson. 2,041,567; May 19.
- Piston, Engine. H. Schneider. 2,059,713; Nov. 3.
- Piston expander. T. E. Brinton. 2,054,357; Sept. 15.
- Piston expander. W. M. Coombs. 2,057,327; Oct. 13.
- Piston expander. W. J. Six. 2,034,004; Mar. 17.
- Piston expander. L. A. Witter. 2,027,496; Jan. 14.
- Piston for an internal combustion motor. E. C. Long. 2,047,788; July 14.
- Piston for internal combustion engines. J. Campbell. 2,038,413; Apr. 21.
- Piston for internal combustion motors. E. C. Long. 2,026,789; Jan. 7.
- Piston for internal combustion motors. E. C. Long. 2,044,087; June 16.
- Piston for internal combustion motors. E. C. Long. 2,054,089; Sept. 15.
- Piston for liquid meter. R. C. Bradley. 2,053,942; Sept. 8.
- Piston for liquid metering cylinders, Expansible and contractible. T. A. Fee, Jr. 2,032,007; Feb. 25.
- Piston head construction. F. R. Miller. 2,050,360; Aug. 11.
- Piston, Internal combustion engine. D. J. Campbell. 2,041,113; May 19.
- Piston machine, Rotary. O. Elwert. 2,048,249; July 21.
- Piston meter. R. S. Smith. 2,055,710; Sept. 29.
- Piston molding apparatus. F. N. Nutt. 2,065,287; Dec. 22.
- Piston motor compressors, Regulation of free. H. Jänicke. 2,064,976; Dec. 22.
- Piston oil ring. H. W. Grimm. 2,056,099; Sept. 29.
- Piston packing. E. E. Hewitt and W. C. Landis. 2,055,104; Sept. 22.
- Piston packing. J. F. Wallace. 2,042,569; June 2.
- Piston packing ring. C. A. Marien. 2,030,927; Feb. 18.
- Piston packing ring. C. A. Marien. 2,038,515; Apr. 21.
- Piston packing ring in sectors. T. Madsen. 2,055,153; Sept. 22.
- Piston pins, Making. E. C. Abbe. 2,049,411; Aug. 4.
- Piston pump. J. W. Smith. 2,038,090; Apr. 21.
- Piston resizing and reshaping machine. C. A. and M. W. Marien. 2,059,379; Nov. 3.
- Piston ring. L. T. Barnes. 2,052,160; Aug. 25.
- Piston ring. L. D. Bax. 2,042,820; June 2.
- Piston ring. F. D. Durham. 2,057,940; Oct. 20.
- Piston ring. M. Eweis. 2,048,633; July 21.
- Piston ring. W. G. Godron. 2,048,258; July 21.
- Piston ring. L. W. Hance. 2,055,793; Sept. 29.
- Piston ring. P. B. Johnson. 2,037,984; Apr. 21.
- Piston ring. B. P. Layne. 2,058,471; Oct. 27.
- Piston ring. T. Madsen. 2,047,590; July 14.
- Piston ring. C. A. Marien. 2,065,817; Dec. 29.
- Piston ring. C. A. and M. W. Marien. 2,062,367; Dec. 1.
- Piston ring. N. T. McKee. 2,051,101; Aug. 18.
- Piston ring. R. Miller. 2,052,642; Sept. 1.
- Piston ring. H. Porter. 2,034,770; Mar. 24.
- Piston ring. G. H. Roberts. 2,036,721; Apr. 7.
- Piston ring. R. Rugland. 2,051,346; Aug. 18.
- Piston ring. D. M. Smith. 2,059,179; Oct. 27.
- Piston ring. J. H. Stumpf. 2,031,341; Feb. 18.
- Piston ring. V. J. Swanson and J. L. Yarian. 2,047,806; July 14.
- Piston ring. V. F. Zahodiakin. 2,044,272-4; June 16.
- Piston ring and assembly therefor. B. C. Bristow. 2,052,077; Aug. 25.
- Piston ring and expander structure. C. N. Teetor. 2,053,384; Sept. 8.
- Piston ring and spring. A. Guerriero. 2,044,845; June 23.
- Piston ring compressor. J. Sunnen. 2,037,096; Apr. 14.
- Piston ring expander. C. N. Teetor. 2,044,451; June 16.
- Piston ring expander. H. P. Troendly. 2,044,453; June 16.
- Piston ring structure. M. O. Teetor. 2,064,576; Dec. 15.
- Piston rings, Manufacture of. M. B. Covert. 2,033,093; Mar. 3.
- Piston skirt expander. G. J. Moeller. 2,027,872; Jan. 14.
- Piston skirt expander. A. W. Wenzel. 2,062,078; Nov. 24.
- Piston spinning pump. R. de Stoutz. 2,061,144; Nov. 17.
- Piston spreader. E. B. Rothweiler. 2,062,826; Dec. 1.
- Piston structure, Insulating. J. L. Taylor. 2,058,741; Oct. 27.
- Pistons, Apparatus for expanding. E. A. Koether. 2,041,355; May 19.
- Pistons, Manufacture of composite. T. P. Chase. 2,026,612; Jan. 7.
- Pistons, Method of expanding. E. A. Koether. 2,032,020; Feb. 25.
- Pistons, Treating. G. L. Moore. 2,040,324; May 12.
- Pitch and process and product utilizing it, Impregnating. I. H. Derby. 2,033,885; Mar. 10.
- Pitch, Coking. D. T. Smith. 2,042,639; June 2.
- Pitch, Device for spreading. M. Walton. 2,043,188; June 2.
- Pitch differential means for lifting propellers. R. R. Hays. 2,045,355; June 23.
- Pitch product and method of making, Blended. S. P. Miller. 2,030,528; Feb. 11.
- Pitch product and preparing same. E. H. Ellms. 2,030,575; Feb. 11.
- Pitch propeller, Adjustable. F. W. Caldwell. 2,032,254; Feb. 25.
- Pitch propeller, Adjustable. A. E. Gaba. 2,054,810; Sept. 22.



- Pitch propeller, Automatic change. C. Peterson. 2,029,503; Feb. 4.
- Pitch propeller, Automatic variable. B. B. Gemeny. 2,030,953; Feb. 18.
- Pitch propeller, Automatic variable. C. W. Lambert. 2,039,720; May 5.
- Pitch propeller, Automatic variable. Z. Riddle. 2,054,947; Sept. 22.
- Pitch propeller, Change. G. F. McDougall. 2,028,463; Jan. 21.
- Pitch propeller, Variable. I. L. Ellwood, 2d, and B. Burton. 2,052,454; Aug. 25.
- Pitch propeller, Variable. F. Gorski. 2,030,629; Feb. 11.
- Pitch propeller, Variable. R. P. Lansing and R. M. Nardone. 2,033,342; Mar. 10.
- Pitching control practice device. C. C. King. 2,059,365; Nov. 3.
- Pitching machine. H. Beckschulte. 2,050,414; Aug. 11.
- Pitman for mowers or like machines. H. M. Johnston. 2,064,166; Dec. 15.
- Pitman yoke. F. H. Barney and W. J. Gourley. 2,050,553; Aug. 11.
- Pitot-static tube. C. H. Colvin. 2,042,700; June 2.
- Pitter, Fruit. A. R. Thompson. 2,026,806; Jan. 7.
- Pitter, Fruit. A. R. Thompson. 2,058,045; Oct. 20.
- Pitter, Fruit. A. R. Thompson. 2,061,051; Nov. 17.
- Pitter, Peach. P. L. Bush and F. Ruediger. 2,032,737; Mar. 3.
- Pivot arm lock. J. L. Nilson. 2,045,958; June 30.
- Placer machine. L. A. Lamberson. 2,049,962; Aug. 4.
- Plain bearing. N. A. Palmgren. 2,043,213; June 2.
- Plain bearing. N. A. Palmgren. 2,053,201; Sept. 1.
- Plait anchoring means for garments. L. E. Ber. 2,064,724; Dec. 15.
- Plane and scooter plane, Snow. L. Gelbman. 2,043,374; June 9.
- Plane, Power. G. Heimsath. 2,030,520; Feb. 11.
- Plane shutter, Focal. W. A. Riddell. 2,058,506; Oct. 27.
- Planer and similar machine. G. H. Benzon, Jr. 2,047,052; July 7.
- Planer, Hand meat block. G. Hare. 2,059,945; Nov. 3.
- Planing machine with hydraulic ram drive, High speed. H. Feilkas. 2,058,782; Oct. 27.
- Planetarium. C. B. Martin. 2,050,351; Aug. 11.
- Planetary milling machine. M. Romaine and E. G. Roehm. 2,033,450; Mar. 10.
- Planetary printing press. E. Cheshire. 2,040,686; May 12.
- Planographic plate, Flexible composite. W. B. Wescott. 2,032,779; Mar. 3.
- Planographic printing machine. L. H. Morse. 2,065,535; Dec. 29.
- Planographic printing plate. W. T. Hagelin. 2,040,129; May 12.
- Planographic printing plate. H. C. Osborn. 2,048,964; July 28.
- Planographic printing plate. G. S. Rowell. 2,032,770; Mar. 3.
- Planographic printing plate and process. A. W. Stephenson. 2,031,185; Feb. 18.
- Plans of ground exclusively by photographic means, Apparatus for producing. R. Ferber. 2,059,633; Nov. 3.
- Plant cultivation. T. L. Leslie. 2,037,137; Apr. 14.
- Plant material, Treating. W. A. Bridgeman and J. A. Bridgman. 2,057,413; Oct. 13.
- Plant package. E. Kruse. 2,048,873; July 28.
- Plant package watering device. C. E. Gardner. 2,033,627; Mar. 10.
- Plant protective device. H. W. Muller. 2,063,822; Dec. 8.
- Plant protector. A. Garcia. 2,062,410; Dec. 1.
- Plant protector and soil retainer. A. L. Law. 2,061,631; Nov. 24.
- Plant promoting device. L. O. Harbaugh. 2,051,596; Aug. 18.
- Plant receptacle. L. N. Yohe. 2,058,934; Oct. 27.
- Plant shelf for window mountings. J. H. McCarroll. 2,029,246; Jan. 28.
- Plant spraying implement. F. H. Friedman. 2,048,063; July 21.
- Plant support. L. Goldberg. 2,030,249; Feb. 11.
- Plant thinning implement. A. Hilyard. 2,028,450; Jan. 21.
- Plant transplanter. W. B. Pope. 2,035,980; Mar. 31.
- Planter. D. E. Feltman. 2,035,058; Mar. 24.
- Planter. D. E. Feltman. 2,048,441; July 21.
- Planter. C. H. White. 2,033,366; Mar. 10.
- Planter, Assisted feed. F. H. Bateman and I. Trolley. 2,053,390; Sept. 8.
- Planter attachment for tractors. G. M. Kriegbaum and C. C. Hass. 2,054,513; Sept. 15.
- Planter attachment for tractors. R. Moore. 2,046,788; July 7.
- Planter, Automatically operable seed. T. E. Johnson. 2,031,713; Feb. 25.
- Planter, Check row. H. G. Erickson. 2,052,455; Aug. 25.
- Planter, Hand. L. Beasley. 2,044,871; June 23.
- Planter, Potato. H. Brooks. 2,032,251; Feb. 25.
- Planter, Potato. G. Höfker and W. Seikel. 2,042,896; June 2.
- Planter, Potato. J. Reuther. 2,031,547; Feb. 18.
- Planter, Seed. G. W. Hollis. 2,039,485; May 5.
- Planter, Tobacco. W. B. Owen. 2,034,530; Mar. 17.
- Planter, Tractor. R. D. Acton. 2,062,282; Dec. 1.
- Planter, Tractor. G. Geraldson. 2,031,640; Feb. 25.
- Planter, Wireless corn. W. A. Harrison. 2,030,368; Feb. 11.
- Planting machines, Attachment for. R. M. McCready. 2,036,765; Apr. 7.
- Plants, Decortication of fibrous. A. T. Ratliff and R. R. Guice. 2,047,130; July 7.
- Plants for parasites, Apparatus for treating. D. C. Heim. 2,040,845; May 19.
- Plants from seed, Apparatus for raising. T. S. Lee. 2,051,461; Aug. 18.
- Plants from seed, Raising. G. von Skrbensky. 2,051,460; Aug. 18.
- Plants, Irrigating and fertilizing. W. O. Sweek. 2,028,172; Jan. 21.
- Plants, Method and material for improving the growth of. W. B. Doe. 2,029,988; Feb. 4.
- Plants, Method and product of hybridizing. E. Boehm. 2,048,056; July 21.
- Plants, Preparation for treating. E. P. Naus. 2,045,791; June 30.
- Plants, Prevention of bark diseases in. G. Bergstrom. 2,042,579; June 2.
- Plants to expedite bud development, Treatment of. W. A. Wendt. 2,037,203; Apr. 14.
- Plants, Treating. C. Oetling. 2,065,241; Dec. 22.
- Plaque. R. E. Russell. 2,034,313; Mar. 17.
- Plaques for spectacles or eye-glasses, Making. H. Rollbühler and W. Döbbelin. 2,065,098; Dec. 22.
- Plaster, Acoustical or insulating. T. P. Finefrock and W. F. O'Neil. 2,060,295; Nov. 10.
- Plaster base. H. E. Marks. 2,056,288; Oct. 6.
- Plaster base, Reinforced. L. F. Johnson. 2,054,085; Sept. 15.
- Plasterboard, Making. H. O. Kauffmann and D. D. Crandell. 2,064,800; Dec. 15.
- Plasterboard, Process and apparatus for the manufacture of. E. F. Mactaggaret and O. Margetson. 2,051,452; Aug. 18.
- Plasterboard reenforcement. R. J. Sterling. 2,029,840; Feb. 4.
- Plaster composition, Acoustical. G. A. New. 2,037,995; Apr. 21.
- Plaster cutter. G. M. Christianson. 2,051,199; Aug. 18.
- Plaster ground. H. Grimes. 2,047,504; July 14.
- Plaster, Process for coating. G. L. Hadden. 2,065,069; Dec. 22.
- Plaster, Sand finish hard surface acoustical. G. A. New. 2,037,996; Apr. 21.
- Plaster supporting device. W. Goss. 2,061,150; Nov. 17.
- Plasters, Producing light weight. J. C. Best and F. L. Marsh. 2,031,585; Feb. 25.
- Plastic. M. A. Burgess. 2,047,058; July 7.
- Plastic and coating composition. J. W. C. Crawford. 2,045,979; June 30.
- Plastic and making same, Sulphur-containing. C. Ellis and W. P. ter Horst. 2,026,875; Jan. 7.
- Plastic bodies, Processing of moist. S. C. Lyons. 2,032,624; Mar. 3.
- Plastic body. W. W. Duecker and C. R. Payne. 2,046,871; July 7.
- Plastic composition. R. I. Colmar. 2,042,038; May 26.
- Plastic composition. B. Foster. 2,054,285; Sept. 15.
- Plastic composition. A. F. Randolph. 2,059,394; Nov. 3.
- Plastic composition. V. L. Smithers and H. A. Winkelmann. 2,041,217; May 19.
- Plastic composition. J. H. Werntz. 2,041,733; May 26.
- Plastic composition and compounding the same. A. F. Rowe. 2,042,795; June 2.
- Plastic composition of matter. S. Gattuso. 2,036,574; Apr. 7.
- Plastic compositions and articles made therefrom. A. E. Brooks. 2,042,923; June 2.
- Plastic compositions and making the same. L. P. Kyrides. 2,028,399; Jan. 21.
- Plastic compositions and making the same. L. P. Kyrides. 2,035,270; Mar. 24.
- Plastic compositions, Apparatus for making. J. P. Burke. 2,055,742; Sept. 29.
- Plastic compositions of matter. J. R. Mares. 2,028,403; Jan. 21.
- Plastic compound and making the same. D. F. Twiss and A. E. T. Neale. 2,056,026; Sept. 29.
- Plastic for laminated safety glass. J. D. Ryan and G. B. Watkins. 2,042,486; June 2.
- Plastic forming apparatus. D. I. Du Bois. 2,052,343; Aug. 25.
- Plastic masses, etc., containing cellulose esters, Producing. R. Müller, M. Schenck, and W. Wirbatz. 2,030,221; Feb. 11.
- Plastic masses, Finishing. J. H. Jacobson. 2,048,071; July 21.
- Plastic material and device therefor, Discharging. E. L. Griffith. 2,047,626; July 14.
- Plastic material and making same. H. Jenett. 2,030,066; Feb. 11.
- Plastic material, Apparatus for extruding. G. F. Brousseau and H. D. Ferris. 2,028,044; Jan. 14.
- Plastic material, Apparatus for treating. H. D. Stevens. 2,032,073; Feb. 25.
- Plastic material container, Refillable. N. Balyozian. 2,053,314; Sept. 8.
- Plastic material, Convertible apparatus for emplacing. J. W. Poulter. 2,065,022; Dec. 22.



- Plastic material, Extrusion of cooked. F. D. Campbell. 2,036,681; Apr. 7.
- Plastic material from protein. Production of. O. Sturken and J. C. Woodruff. 2,040,033; May 5.
- Plastic materials. A. M. Howald and L. Rodgers, Jr. 2,056,459; Oct. 6.
- Plastic materials, Apparatus for treating. F. F. Pease. 2,048,286; July 21.
- Plastic materials derived from urea and formaldehyde, Preparing. R. Armenault. 2,061,543; Nov. 24.
- Plastic materials from proteins, Production of. O. Sturken. 2,053,850; Sept. 8.
- Plastic molding compositions. H. A. Hoffman. 2,054,053; Sept. 8.
- Plastic product from cracking coil tar, Forming a. C. Winning and R. M. Thomas. 2,045,741; June 30.
- Plastic reproductions of corporeal forms, Device for producing. H. Aschenborn. 2,043,503; June 9.
- Plastic, Seasoning. P. W. Crane and R. T. Fields. 2,028,502; Jan. 21.
- Plastic sheet compositions. J. T. Castles, Jr. 2,036,195; Apr. 7.
- Plastic substances, Treating. J. Kremer. 2,054,937; Sept. 22.
- Plastic, Tile and concrete binding. J. Labra. 2,060,677; Nov. 10.
- Plastic vulcanizable material from rubber, gutta-percha, balata, and the like, Preparation of a. M. J. Stam. 2,041,305; May 19.
- Plastics, Method and device for testing heat sensitive. L. M. Rossi and G. L. Peakes. 2,066,016; Dec. 29.
- Plastics, Process and compound for polishing. J. Lupo, Jr. 2,062,671; Dec. 1.
- Plasticized composition. H. S. Holt. 2,032,091; Feb. 25.
- Plasticizer. A. O. Jaeger. 2,044,612; June 16.
- Plasticizer, Refining. M. J. Reid. 2,053,532; Sept. 8.
- Plastometer. J. H. Dillon and R. W. Allen. 2,045,548; June 23.
- Plastometer. M. Mooney. 2,037,529; Apr. 14.
- Plate, Advertising. R. G. Mooney. 2,063,553; Dec. 8.
- Plate and protractor, Dividing. A. H. Breitbarth. 2,049,245; July 28.
- Plate and using the same, Baking. W. M. McCaskell. 2,042,070; May 26.
- Plate clamping mechanism for printing machines. F. Lamatsch. 2,050,851; Aug. 11.
- Plate clamping mechanism, Printing. F. Lamatsch. 2,049,454; Aug. 4.
- Plate, Cover. C. C. Farmer. 2,035,057; Mar. 24.
- Plate cylinder for printing presses and stereotype plates. F. A. Foster. 2,047,364; July 14.
- Plate cylinder for rotary printing presses. C. W. Swift. 2,038,320; Apr. 21.
- Plate, Fiber baking. J. A. McCaskell. 2,051,960; Aug. 25.
- Plate for gas burners, Safety. E. J. Sonn. 2,037,603; Apr. 14.
- Plate for gas meter screws, Stiffener. R. J. Ott. 2,053,734; Sept. 8.
- Plate for variable condensers, Variable. K. Lucas. 2,029,537; Feb. 4.
- Plate glass holding device. D. J. Murnane. 2,053,374; Sept. 8.
- Plate heat exchanger. H. Feldmeier. 2,039,216; Apr. 28.
- Plate heat exchanger. E. Prestage. 2,028,562; Jan. 21.
- Plate locking device for storage batteries. H. H. Haupt. 2,051,297; Aug. 18.
- Plate, Oyster. C. A. Levy. 2,034,478; Mar. 17.
- Plate, Self-serve hot. O. H. Schulz. 2,061,637; Nov. 24.
- Plate shaving machine. W. J. Lofstedt. 2,064,172; Dec. 15.
- Plate straightener. F. T. Powers. 2,064,850; Dec. 22.
- Plate straightening machine. F. Ungerer. 2,044,373; June 16.
- Plate straightening machine. F. Ungerer. 2,049,142; July 28.
- Plate, Strike. W. Peace. 2,065,732; Dec. 29.
- Plate, Strike. W. R. Schlage. 2,042,024; May 26.
- Plate, Utility. H. H. Collins. 2,032,835; Mar. 3.
- Platen, Multisectional. J. Q. Sherman. 2,047,233; July 14.
- Platen, Roller or flat. J. J. Kelly and L. Sommer. 2,049,452; Aug. 4.
- Platform for vehicles, Slidable tippie. J. L. Stratton and A. J. Henry. 2,065,833; Dec. 29.
- Platform, Suspended. R. L. Geib. 2,057,092; Oct. 13.
- Plating and article produced thereby. E. M. Baker and L. C. Borchert. 2,061,056; Nov. 17.
- Plating machine. J. C. Bogle. 2,035,633; Mar. 31.
- Plating, Reverse. E. U. Ames. 2,058,392; Oct. 27.
- Play balls, Production of. G. W. Trobridge, E. A. Murphy, and A. S. King. 2,035,774; Mar. 31.
- Play pen. N. W. O'Byrne. 2,041,509; May 19.
- Play pen. A. W. Swanson. 2,059,058; Oct. 27.
- Playing card separator. M. A. Proctor. 2,033,447; Mar. 10.
- Playroom. D. M. Warren. 2,062,735; Dec. 1.
- Pliers. C. L. Gairdard. 2,043,373; June 9.
- Pliers. P. Vertes. 2,063,532; Dec. 8.
- Plotting device. C. E. H. Watson. 2,042,031; May 26.
- Plotting machine and making maps with aerial photographs. J. W. Bagley. 2,044,114; June 16.
- Plow. M. R. Bruner. 2,044,205; June 16.
- Plow. J. A. Daugherty. 2,034,461; Mar. 17.
- Plow. R. F. Dollase. 2,058,140; Oct. 20.
- Plow. B. J. Ferreyro and J. C. B. Pesce. 2,050,488; Aug. 11.
- Plow. R. H. Flowers. 2,040,044; May 5.
- Plow. T. A. Henley. 2,043,619; June 9.
- Plow. W. N. Jacks. 2,038,936; Apr. 28.
- Plow. E. J. W. Nielsen. 2,065,015; Dec. 22.
- Plow. A. E. Rutter. 2,044,718; June 16.
- Plow. G. G. Simpson. 2,058,640; Oct. 27.
- Plow. C. G. Strandlund. 2,056,374; Oct. 6.
- Plow and cultivator, Combined breaking. G. J. Ziegler. 2,052,068; Aug. 25.
- Plow and extension sweep. C. P. Leggett. 2,061,472; Nov. 17.
- Plow attachment. J. D. Murdock. 2,036,820; Apr. 7.
- Plow attachment for tractors. L. C. Hester. 2,041,832; May 26.
- Plow, Automatic. J. P. Pizarro. 2,050,120; Aug. 4.
- Plow, Breaking. R. E. Atkinson. 2,028,819; Jan. 28.
- Plow depth gauge. J. S. Goodman. 2,045,461; June 23.
- Plow, Disk. R. J. Altgelt and C. H. Gemberling. 2,057,080; Oct. 13.
- Plow, Helicoidal. J. N. Newsom. 2,030,034; Feb. 4.
- Plow measuring device. I. M. Clausen. 2,028,273; Jan. 21.
- Plow, Revolving disk. F. E. Herring. 2,027,910; Jan. 14.
- Plow, Rotary. B. F. Gravely. 2,051,443; Aug. 18.
- Plow scarifier. K. W. Porter, C. J. and E. A. Moritz. 2,037,738; Apr. 21.
- Plowshare. E. D. Briggs. 2,038,340; Apr. 21.
- Plowshare. A. Jessop. 2,038,492; Apr. 21.
- Plowshare. J. A. and J. M. Romine. 2,031,548; Feb. 18.
- Plowshare edge and point reclaimer. J. P. Christensen. 2,051,328; Aug. 18.
- Plowshare edge, Removable. R. P. Lier. 2,063,688; Dec. 8.
- Plowshare, Rebuilt. K. Whitaker. 2,059,923; Nov. 3.
- Plowshare with detachable point. T. W. Howard and A. E. Hagan. 2,062,811; Dec. 1.
- Plow shear. H. B. Wilson. 2,057,221; Oct. 13.
- Plow, Snow. C. W. Bates. 2,060,717; Nov. 10.
- Plow, Snow. F. Coates. 2,057,326; Oct. 13.
- Plow, Snow. W. Hewitt. 2,055,794; Sept. 29.
- Plow, Snow. L. T. Ross. 2,029,545; Feb. 4.
- Plow sweep. C. R. Smith. 2,037,547; Apr. 14.
- Plow, Tractor. E. E. Bowen. 2,030,567; Feb. 11.
- Plow, Trenching. G. E., D. F., and R. E. Brock. 2,055,194; Sept. 22.
- Plow, Two-way tractor. O. E. Rarick. 2,060,439; Nov. 10.
- Plug: See—
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|------------------------------------|-----------------------------|
| Appliance plug.                    | Electrical plug.            |
| Attachment plug.                   | Electric push plug.         |
| Beater roll and Jordan plug.       | Electrical receptacle plug. |
| Cartridge plug.                    | Electrical terminal plug.   |
| Circuit breaker plug.              | Fuse plug.                  |
| Closure plug.                      | Locking attachment plug.    |
| Connector plug.                    | Microphone plug.            |
| Cord terminal plug.                | Mounting plug.              |
| Core box vent plug.                | Nonspill vent plug.         |
| Depth gauge control and lead plug. | Pipe testing plug.          |
| Drain plug.                        | Refillable fuse plug.       |
| Ear plug.                          | Reset fuse plug.            |
| Electric cord attachment plug.     | Separable attachment plug.  |
| Electric ignition plug.            | Socket plug.                |
| Electric plug.                     | Soft rubber plug.           |
| Electric switch plug.              | Spark plug.                 |
| Electrical connector plug.         | Tank truck plug.            |
| Electrical connection plug.        | Testing plug.               |
| Electrical contact plug.           | Trap plug.                  |
| Electrical entrance plug.          | Truck tank plug.            |
| Electrical outlet plug.            | Valve or drain plug.        |
|                                    | Vent plug.                  |
|                                    | Wooden plug.                |
- Plug. A. J. Godare. 2,046,778; July 7.
- Plug and forming same, Closure. J. P. Jesevich. 2,040,088; May 12.
- Plug and making the same, Spark. J. A. Jeffery. 2,053,369; Sept. 8.
- Plug and pouring spout for containers, Reversible. W. F. Punte. 2,037,921; Apr. 21.
- Plug and receptacle, Disconnect. A. Alsaker and F. H. Cole. 2,031,296; Feb. 18.
- Plug and receptacle, Electrical. J. F. Navert, A. M. and A. E. Steinmetz, Jr. 2,060,887; Nov. 17.
- Plug and shaft, Paper roll. E. A. LaRock. 2,045,035; June 23.
- Plug and socket coupling. L. J. Johnson. 2,037,907; Apr. 21.
- Plug and socket, Electric. H. P. Hastings. 2,047,126; July 7.
- Plug and socket organization, Electric. R. W. E. Moore. 2,058,903; Oct. 27.
- Plug and switch, Combination connector. E. B. Barnitz. 2,059,926; Nov. 3.
- Plug and tap. H. J. Peretzman. 2,053,918; Sept. 8.
- Plug attachment device, Switch-type. J. D. Brown. 2,028,314; Jan. 21.
- Plugboard for tabulating machines. A. W. Mills. 2,056,361; Oct. 6.
- Plug cap, Attachment. F. J. Tiffany. 2,033,960; Mar. 17.
- Plug cap with strain relief, Flexible attachment. R. G. Bennett. 2,047,094; July 7.
- Plug connector. G. B. Benander. 2,027,853; Jan. 14.
- Plug connector. H. P. Dillig. 2,030,856; Feb. 18.



- Plug connector, Electric. N. Chirelstein. 2,032,470; Mar. 3.
- Plug connector with interchangeable fuses. S. Brody. 2,063,723; Dec. 8.
- Plug device, Electrical. R. B. Hill. 2,046,948; July 7.
- Plug for hand grenades, Igniting. F. Laguesse. 2,053,836; Sept. 8.
- Plug for internal combustion engines, Sparking. E. T. Bunt. 2,038,882; Apr. 28.
- Plug for oil cracking stills, Test. T. M. Berry. 2,049,244; July 28.
- Plug for storage batteries, Vent. S. T. Campbell. 2,061,649; Nov. 24.
- Plug or pin, Electrical contact. E. Kleinmann and A. Mendel. 2,064,545; Dec. 15.
- Plug or wad for cigarette paper tubes, Smoke filter. B. Aivaz. 2,064,239; Dec. 15.
- Plug receiving members to metal containers, Attaching. D. W. Curtis. 2,062,780; Dec. 1.
- Plug valve. F. N. Bard. 2,028,181; Jan. 21.
- Plug valve. L. J. Purlee. 2,048,564; July 21.
- Plug valve. J. W. MacClatchie. 2,035,818; Mar. 31.
- Plug valve. S. J. Nordstrom. 2,029,438; Feb. 4.
- Plug valve. S. J. Nordstrom. 2,043,863; June 9.
- Plug valve. S. J. Nordstrom. 2,065,726; Dec. 29.
- Plug valve. L. A. Ward. 2,045,113; June 23.
- Plug valve, Lubricated. O. Jacobsen. 2,048,384-6; July 21.
- Plug valve operator. W. J. Grissett. 2,052,462; Aug. 25.
- Plug with locking device, Attendant. S. E. Felts. 2,047,623; July 14.
- Plugging, Control of. C. H. Freese. 2,037,571; Apr. 14.
- Plugs, Forming knock-out. H. E. Haase. 2,060,863; Nov. 17.
- Plumb gauge. J. F. Duby. 2,029,364; Feb. 4.
- Plumber's snake tool. I. D. Yohn. 2,037,104; Apr. 14.
- Plumber's union and manufacture thereof. J. B. Walsh. 2,050,137; Aug. 4.
- Plumbing apparatus. E. G. Watrous. 2,040,067; May 5.
- Plumbing fixture. P. W. Leffland. 2,061,971; Nov. 24.
- Plumbing fixture. J. Tjaarda. 2,031,679; Feb. 25.
- Plumbing fixture, Combination. A. H. Zimmerman. 2,026,857; Jan. 7.
- Plumbing fixture, Ventilated. T. J. Robertson. 2,041,962; May 26.
- Plumbing system. W. C. Shanley. 2,056,807; Oct. 6.
- Plumbing unit, Factory fabricated rough. R. L. Davison. 2,027,371; Jan. 14.
- Plumbite solutions. A. Stewart. 2,047,040; July 7.
- Plunger lift apparatus. H. W. Fletcher. 2,038,426; Apr. 21.
- Plunger lift control. H. W. Fletcher and R. Neuhaus. 2,030,436; Feb. 11.
- Plunger, Multiple coin actuated. W. H. Rowe. 2,032,228; Feb. 25.
- Plunger, Multiple vacuum. J. M. Hinkle and D. Owens. 2,052,768; Sept. 1.
- Plunger, Pump. G. A. Hatfield. 2,063,160; Dec. 8.
- Plunger pump. C. M. Peters. 2,061,252; Nov. 17.
- Plunger pump. E. J. Svenson. 2,048,524; July 21.
- Plunger valve. W. A. Ray. 2,052,246; Aug. 25.
- Plush fabric, Apparatus for making. M. Nebel. 2,040,326; May 12.
- Ply board, Making. J. V. Bauer. 2,051,025; Aug. 18.
- Plywood and method of formation. E. H. Merritt. 2,048,279; July 21.
- Plywood, Making glued up. W. F. Leicester. 2,028,287; Jan. 21.
- Pneumatic appliance. L. A. Vertuno. 2,031,870; Feb. 25.
- Pneumatic cleaner. J. A. Dienerberger. 2,049,603; Aug. 4.
- Pneumatic cleaner. J. B. Kirby. 2,053,563; Sept. 8.
- Pneumatic dispatch carrier. J. G. Maclaren. 2,053,671; Sept. 8.
- Pneumatic drill. P. A. Baumeister and A. D. Saunders. 2,041,690; May 26.
- Pneumatic gauge. R. R. Hunt. 2,051,258; Aug. 18.
- Pneumatic inner tube. G. Andrews. 2,060,714; Nov. 10.
- Pneumatic jack. W. A. Fehrman. 2,045,524; June 23.
- Pneumatic piston pump. A. Boynton. 2,054,924; Sept. 22.
- Pneumatic railway wheel. P. M. Lewis. 2,027,540; Jan. 14.
- Pneumatic spring. J. W. Kuhn. 2,056,106; Sept. 29.
- Pneumatic suspension for vehicles. E. Brockman. 2,050,157; Aug. 4.
- Pneumatic tire tube. A. G. Fitz-Gerald. 2,041,750; May 26.
- Pneumatic vacuum cleaner. T. H. Huff. 2,055,577; Sept. 29.
- Pneumatic well drill. R. E. Kitching. 2,033,527; Mar. 10.
- Pneumatic wheel. N. O. Whited. 2,044,654; June 16.
- Poacher, Egg. B. H. McCormick. 2,061,285; Nov. 17.
- Pocket. T. S. Tworoger. 2,042,282; May 26.
- Pocket, Bag. I. W. Rohatyn. 2,057,267; Oct. 13.
- Pocket, Bottle carrier. A. E. Lasewig and G. F. Soelch. 2,051,091; Aug. 18.
- Pocket, Center expanding. H. Wehner. 2,029,686; Feb. 4.
- Pocket, Concealed. H. B. Welch. 2,043,639; June 9.
- Pocket construction. H. B. Welch. 2,036,450; Apr. 7.
- Pocket, Egg. B. R. Harris and M. C. Reynolds. 2,052,028; Aug. 25.
- Pocket for garments. L. Wolf. 2,038,331; Apr. 21.
- Pocket for garments, Safety watch. C. R. Wood. 2,029,207; Jan. 28.
- Pocket powder case. F. Anderl. 2,039,205; Apr. 28.
- Pocket, Stocking. C. D. Strieby. 2,039,197; Apr. 28.
- Pocket vector. L. P. Mendenhall. 2,031,661; Feb. 25.
- Pocket, Water-proof. L. L. Lillie. 2,048,344; July 21.
- Pocketbook. D. Ashkenas. 2,064,333; Dec. 15.
- Pocketbook. M. Sachs. 2,064,568; Dec. 15.
- Point bearing capacity of a driven pile shell, Apparatus for testing the. E. D. Watt. 2,050,216; Aug. 4.
- Point bearing capacity of a pile shell, Testing the. E. D. Watt. 2,050,217; Aug. 4.
- Point for gold pens and forming the same. A. Jedelev. 2,060,081; Nov. 10.
- Point for transfer rings. S. Roinestad. 2,062,935; Dec. 1.
- Pointer mounting arrangement for measuring instruments. W. H. Pratt. 2,032,306; Feb. 25.
- Polar relay, Sensitive. W. V. Johnson. 2,036,277; Apr. 7.
- Polarity reverser. F. Saar. 2,059,283; Nov. 3.
- Pole, Curtain. C. O. Wallace. 2,047,238; July 14.
- Pole for tree pruners, Jointed. J. L. Smith. 2,030,550; Feb. 11.
- Pole guy assembly. T. E. Hibbard. 2,039,533; May 5.
- Pole handling mechanism. T. A. Brown. 2,056,883; Oct. 6.
- Pole shader. C. H. Chapman. 2,053,129; Sept. 1.
- Pole, Ski. W. R. J. Oliver. 2,031,384; Feb. 18.
- Pole-top fixtures. T. T. Richards, G. M. Johns, and E. K. Smith. 2,056,366; Oct. 6.
- Pole, Tubular. J. Pfistershammer. 2,036,771; Apr. 7.
- Pole, Window. J. E. Mulcahy. 2,055,698; Sept. 29.
- Poles and the like, Repair and anchorage of telegraph. B. McMahon. 2,040,010; May 5.
- Poles, Apparatus for forming elongated corrugated. E. Almdale. 2,033,667; Mar. 10.
- Polish. G. W. Flint. 2,045,455; June 23.
- Polish. M. D. Swartz. 2,048,303; July 21.
- Polish rod grip. M. T. Archer. 2,036,992; Apr. 7.
- Polish, Shoe. H. P. Griffin and R. P. Richardson. 2,028,324; Jan. 21.
- Polisher, Shoe-sole. E. A. Schneider. 2,053,167; Sept. 1.
- Polisher unit. K. Uyeda. 2,047,340; July 14.
- Polishing and collecting mechanism, Combination. A. Hofmann. 2,055,199; Sept. 22.
- Polishing and coloring wheel. H. F. L. Pfohl. 2,033,253; Mar. 10.
- Polishing apparatus. D. H. Goodwillie. 2,035,229; Mar. 24.
- Polishing device. T. E. Babcock. 2,045,511; June 23.
- Polishing device. R. M. Baird. 2,034,455; Mar. 17.
- Polishing machine. M. B. Andrie. 2,061,607; Nov. 24.
- Polishing machine. H. C. Arge and H. Tischer. 2,054,458; Sept. 15.
- Polishing machine. B. De Nagy. 2,045,980; June 30.
- Polishing machine. E. Turnquist. 2,048,235; July 21.
- Polishing machine, Automatic. O. K. Reinhardt. 2,062,106; Nov. 24.
- Polishing roll. R. K. Brooks. 2,039,677; May 5.
- Polishing wheel. R. W. Springer. 2,060,952; Nov. 17.
- Polyglycols, Preparation of. G. H. Coleman and G. V. Moore. 2,056,830; Oct. 6.
- Polyhalides, Treatment of unsaturated. H. P. A. Groll and G. Hearne. 2,062,002; Nov. 24.
- Polymerization. D. J. Loder. 2,045,660; June 30.
- Polymerization process. C. M. Fields. 2,057,674; Oct. 20.
- Polymerization process. J. H. Werntz. 2,055,597; Sept. 29.
- Polymerization product. M. Hagedorn. 2,054,903; Sept. 22.
- Polymerization product and process for molding same. R. Hill. 2,045,651; June 30.
- Polymerization products from isobutylene, Production of. M. Mueller-Cunradi and M. Otto. 2,065,474; Dec. 22.
- Polypeptides, Acylated. L. Orthner and G. Meyer. 2,041,265; May 19.
- Polyvinyl compounds, Production of. H. Dreyfus. 2,037,012; Apr. 14.
- Pompon machine. H. L. Lawson and J. Stampfli. 2,062,183; Nov. 24.
- Pontoon, Seaplane. L. J. White and C. W. Munn. 2,062,384; Dec. 1.
- Pool and billiard table. J. Abbott, C. W. Fast, and T. J. Abbott. 2,047,048; July 7.
- Pool ball frame. B. Giragosian. 2,060,495; Nov. 10.
- Popper, Popcorn. S. P. Pickett. 2,041,369; May 19.
- Porch rocking chair. W. C. Martin. 2,046,644; July 7.
- Porous formations in walls, Sealing off. H. L. McQuiston. 2,064,936; Dec. 22.
- Port, Combined observation and speaking. J. H. Levers-edge. 2,057,239; Oct. 13.
- Portable adjusting table. V. H. Saffry. 2,054,732; Sept. 15.
- Portable container. R. J. Lewis. 2,029,431; Feb. 4.
- Portable container. R. J. Lewis. 2,036,153; Mar. 31.
- Portable electric lamp. L. Gudeman. 2,065,068; Dec. 22.
- Portable electric lamp. G. Wheat. 2,027,298; Jan. 7.
- Portable drill. N. A. Lopez. 2,050,709; Aug. 11.
- Portable folding seat. C. Letts. 2,046,198; June 30.
- Portable gate. G. H. Thomas. 2,044,265; June 16.
- Portable grinding tool. E. S. McGonegal. 2,055,302; Sept. 22.
- Portable irrigation gate. J. F. Lehman. 2,056,679; Oct. 6.
- Portable light. A. D. Hoefflinger. 2,034,100; Mar. 17.
- Portable lock. J. Menchen. 2,055,907; Sept. 29.
- Portable maintenance roller. W. D. Haigh. 2,044,684; June 16.
- Portable pump. F. A. Smalley. 2,062,532; Dec. 1.



- Portable safety signal. N. Goldberg. 2,059,996; Nov. 3.  
 Portable seat. A. M. Kimbrough. 2,056,925; Oct. 6.  
 Portable stamp mill. M. Palmason. 2,048,809; July 28.  
 Portable table. G. W. Mattson. 2,063,819; Dec. 8.  
 Portable tool, Power operated. B. H. Wuebben. 2,043,502; June 9.  
 Portable tube stand. C. B. Horsley, G. Mills, and E. R. Goldfield. 2,049,807; Aug. 4.  
 Portfolio. W. R. Buxton. 2,053,695; Sept. 8.  
 Portfolio, Drawing. F. J. Bentz. 2,039,207; Apr. 28.  
 Pose-reflecting apparatus. L. G. Simjian. 2,060,351; Nov. 10.  
 Position determining apparatus. E. S. Purlington. 2,038,873; Apr. 28.  
 Position finder. F. H. Hagner. 2,064,061; Dec. 15.  
 Position finder, Gyroscopic. F. M. Young. 2,048,834; July 28.  
 Position finding system. L. W. Chubb. 2,050,276; Aug. 11.  
 Position light. W. G. Grimes. 2,048,977; Oct. 27.  
 Positioning and supporting means for portable saws. G. Arsneau. 2,038,626; Apr. 28.  
 Positioning gauge. W. C. Card, Jr. 2,040,122; May 12.  
 Positives and negatives without the use of photography or photographic apparatus, Production of. E. P. Mulian. 2,060,105; Nov. 10.  
 Positives for autotype, Manufacture of direct. G. Wilmanns, K. Wolfen, and G. von Kujawa. 2,061,688; Nov. 24.  
 Post: *See*—  
   Battery terminal post. Derrick post.  
   Binding post. Fence post.  
   Corner post. Metal fence post.  
 Post. E. V. Camp. 2,034,709; Mar. 24.  
 Post, column, pier and the like, of plastic materials and their molds. H. C. Colville. 2,058,135; Oct. 20.  
 Post for railway cars, End. M. P. Blomberg. 2,056,232; Oct. 6.  
 Post for steel partitions. A. S. Driver. 2,032,922; Mar. 3.  
 Post for supporting luminous tubes, Elevation. J. R. Hoge. 2,051,480; Aug. 18.  
 Post, Highway guard. O. D. Eggleston. 2,030,623; Feb. 11.  
 Post sizing and peeling machine. W. N. Riddick. 2,031,903; Feb. 25.  
 Post to a top-lift, Attaching a. R. W. Chandler. 2,060,790; Nov. 17.  
 Postage meter. L. L. Mack. 2,032,488; Mar. 3.  
 Posture chair. W. F. Herold. 2,056,965; Oct. 13.  
 Posture measuring equipment. W. Lytton. 2,052,099; Aug. 25.  
 Pot. A. Peron. 2,040,102; May 12.  
 Pot and loading stand, Combination. G. S. Watrous, Jr. 2,043,456; June 9.  
 Pot, Cinder. W. Johnston, Jr. 2,057,528; Oct. 13.  
 Pot, Fluted slag. C. W. Howat. 2,047,473; July 14.  
 Pot for line casting machines, Metal. H. R. Freund. 2,058,378; Oct. 20.  
 Pothead. F. C. Meyer and G. E. Moffit. 2,029,332; Feb. 4.  
 Pothead device. G. P. Edmonds. 2,050,293-4; Aug. 11.  
 Pot head, Oil-filled. A. G. Steinmayer. 2,057,069; Oct. 13.  
 Pot, Heating. M. Davidson. 2,035,223; Mar. 24.  
 Pot, Revolving. C. C. Kinker. 2,044,616; June 16.  
 Pot spinning mechanism. G. Glatzel and V. Beplate. 2,062,707; Dec. 1.  
 Pot, Thermostatic wax. H. E. Dow. 2,028,535; Jan. 21.  
 Potash, Making. E. Wiedbrauck and K. Büche. 2,030,082; Feb. 11.  
 Potash salts from crude salts, Extracting. T. M. Cramer and G. A. Connell. 2,058,300; Oct. 20.  
 Potassium formate, Preparing. E. Elöd and O. Dragen-dorff. 2,043,534; June 9.  
 Potassium nitrate, Manufacture of. K. Haase and H. Werth. 2,035,804; Mar. 31.  
 Potassium nitrate, Production of. O. Kaselitz. 2,057,957; Oct. 20.  
 Potassium oxalate from potassium formate, Preparation of. M. Enderli and A. Schrodtt. 2,033,097; Mar. 3.  
 Potassium salts from aqueous mixtures, Extracting. E. P. Schoch. 2,036,364; Apr. 7.  
 Potassium salts from minerals, Recovery of. E. P. Partridge and N. Fragen. 2,033,149; Mar. 10.  
 Potassium sulphate from syngenite, Recovering. H. H. Storch and N. Fragen. 2,033,159; Mar. 10.  
 Potato grading and cleaning apparatus. J. T. Ranney. 2,037,266; Apr. 14.  
 Potato harvester machine. F. J. Rodin. 2,027,840; Jan. 14.  
 Potato harvesting apparatus. L. Stoltenberg. 2,053,643; Sept. 8.  
 Potential changer. W. P. Lear, M. E. Nulsen, and R. S. Yoder. 2,032,424; Mar. 3.  
 Potential control system. B. S. Burke and C. V. Heck. 2,057,512; Oct. 13.  
 Potential-steadying device making use of glow lamps. K. Schlesinger. 2,054,883; Sept. 22.  
 Potential system, Constant. W. van B. Roberts. 2,057,112; Oct. 13.  
 Potentiometer. T. R. Harrison. 2,065,805; Dec. 20.  
 Potentiometric indicator. R. W. Gilbert. 2,059,786; Nov. 3.  
 Pottery ware, Method of and apparatus for producing. W. J. Miller. 2,046,525; July 7.  
 Pouch. H. H. Hunter. 2,053,085; Sept. 1.  
 Pouch. W. P. Koeller. 2,058,158; Oct. 20.  
 Pouch and like container, Tobacco. A. W. Flint. 2,055,405; Sept. 22.  
 Pouch, Tobacco. G. C. Grenier. 2,062,001; Nov. 24.  
 Poultry drinking fountain. F. E. Bartlett. 2,034,968; Mar. 24.  
 Poultry feeding and watering device. C. L. Thomsen. 2,062,239; Nov. 24.  
 Poultry fountain valve, Automatic. J. Imschweller. 2,043,477; June 9.  
 Poultry house cleaner. C. M. Jepsen. 2,062,908; Dec. 1.  
 Pounder, Motor driven linen. P. Schulz. 2,047,036; July 7.  
 Pour point depressors, Manufacturing. F. H. MacLaren and T. E. Stockdale. 2,057,104; Oct. 13.  
 Pouring and storing container. L. W. Evans and A. L. Hamilton. 2,049,900; Aug. 4.  
 Pouring arrangement of teapots, coffeepots, jugs, and the like. T. Cheetham and W. E. Goodwin. 2,036,120; Mar. 31.  
 Pouring practice and apparatus. W. B. Arness. 2,049,148; July 28.  
 Pouring spout container. W. J. Wardell. 2,031,623; Feb. 25.  
 Powder and making the same, Molding. A. M. Howald. 2,056,455; Oct. 6.  
 Powder charge, Flashless. R. G. Woodbridge. 2,050,871; Aug. 11.  
 Powder composition, Black. C. W. Brooks, Jr. 2,030,096; Feb. 11.  
 Powder container. P. H. Ganz. 2,041,753; May 26.  
 Powder container. J. F. Rioux. 2,045,165; June 23.  
 Powder, Device for atomizing. H. Elcken. 2,051,440; Aug. 18.  
 Powder dispenser. E. E. Baker. 2,051,672; Aug. 18.  
 Powder dispenser. A. Berger. 2,048,670; July 28.  
 Powder dispenser. L. D. Whitney. 2,026,925; Jan. 7.  
 Powder dispensing can. W. A. Rochester. 2,059,608; Nov. 3.  
 Powder, Drying and disinfecting. A. J. Hettel. 2,047,323; July 14.  
 Powder from emulsions and solutions, Preparing dry. J. M. Visser. 2,044,194; June 16.  
 Powder insufflator. C. E. Ziegler. 2,050,517; Aug. 11.  
 Powder, Making fat-containing. E. J. Fechner. 2,065,675-6; Dec. 29.  
 Powder, Making propellant. F. Olsen. 2,028,990; Jan. 28.  
 Powder, Making smokeless. M. F. Lindsley, Jr. 2,031,659; Feb. 25.  
 Powder metallurgy. C. Hardy. 2,027,532; Jan. 14.  
 Powder metallurgy. C. Hardy. 2,033,240; Mar. 10.  
 Powder mixing device. E. Esslen. 2,047,317-8; July 14.  
 Powder, Molding. E. H. Balz. 2,056,442; Oct. 6.  
 Powder package and dispenser. J. E. Garnet. 2,030,787; Feb. 11.  
 Powder plants, System for the remote operation of. E. Pearson. 2,026,593; Jan. 7.  
 Powder, Propellant. G. C. Hale and D. R. Cameron. 2,026,531; Jan. 7.  
 Powder, Propellant. G. C. Hale and D. R. Cameron. 2,035,471; Mar. 31.  
 Powder, Propellant. R. G. Woodbridge. 2,038,700; Apr. 28.  
 Powder puff. C. L. Wright. 2,035,357; Mar. 24.  
 Powder puff and making the same. D. Meyer. 2,055,772; Sept. 29.  
 Powder puffs, Method and apparatus for producing lamb-skin. W. C. and N. W. Knoernschild. 2,034,194; Mar. 17.  
 Powder-spraying appliance. S. Bramsen, F. Wablin, and E. Gustafsson. 2,029,408; Feb. 4.  
 Powder system for well drilling. W. Sheldon. 2,026,709; Jan. 7.  
 Powder, Treating smokeless. R. G. Woodbridge. 2,033,217; Mar. 10.  
 Powders and molding them, Molding. A. M. Howald. 2,056,454; Oct. 6.  
 Powders, Manufacture of smokeless. F. Olsen, G. C. Tibbitts, and E. B. W. Kerone. 2,027,114; Jan. 7.  
 Powders, Producing metal. W. Zeiss. 2,037,672; Apr. 14.  
 Powdery material, Apparatus for delivering. A. G. Rose. 2,030,541; Feb. 11.  
 Power actuating mechanism for fabric presses. E. Davis. 2,045,443; June 23.  
 Power amplifying and positioning apparatus. W. E. Dueringer. 2,047,727; July 14.  
 Power amplifying device. E. G. Staude. 2,047,898; July 14.  
 Power amplifying device. E. G. Staude. 2,065,911; Dec. 29.  
 Power and brake control mechanism for motor driven vehicles. J. S. C. Nicholls. 2,045,993; June 30.  
 Power and control equipment of electrically driven vehicles and machinery. A. W. Maley and E. M. Taunton. 2,045,038; June 23.  
 Power and differential protection means, Reverse. R. I. Ward. 2,047,343; July 14.  
 Power apparatus, Hydraulic. L. F. Moody. 2,060,101; Nov. 10.  
 Power application transformation for chain hoists. F. W. Coffing. 2,044,565; June 16.  
 Power attachment for lawn mowers. J. E. Cregier. 2,066,174; Dec. 29.  
 Power attachment means for lawn mowers. C. V. Dame and B. Barber. 2,041,654; May 19.



- Power control and brake mechanism. J. K. Anderson. 2,033,603; Mar. 10.
- Power control apparatus. G. T. Harcourt. 2,052,976; Sept. 1.
- Power control for vehicle clutch and brake. J. N. Ice. 2,034,344; Mar. 17.
- Power control mechanism, Automatic. I. L. Dunn. 2,052,389; Aug. 25.
- Power controlling system. W. L. McGrath. 2,044,395; June 16.
- Power converting apparatus, Electric. C. H. Willis and B. D. Bedford. 2,060,650; Nov. 10.
- Power device. J. J. Harfil. 2,027,640; Jan. 14.
- Power distribution system. E. R. Evans. 2,060,667; Nov. 10.
- Power factor, Apparatus for measuring. E. Reich. 2,036,958; Apr. 7.
- Power generating and transmitting system. C. W. Dake. 2,060,612; Nov. 10.
- Power generator. A. G. Grondahl. 2,037,973; Apr. 21.
- Power hand brake. S. B. Haseltine. 2,046,512; July 7.
- Power hand brake. S. B. Haseltine. 2,057,827; Oct. 20.
- Power installation. S. S. Cook and L. M. Douglas. 2,040,643; May 12.
- Power lift for tractors. E. A. Johnston. 2,039,316; May 5.
- Power lift, Hydraulic. E. A. Johnston. 2,039,801; May 5.
- Power lift mechanism. A. C. Lindgren and D. B. Baker. 2,065,139; Dec. 22.
- Power limiting apparatus. P. N. Martin. 2,058,610; Oct. 27.
- Power line carrier system. H. A. Affel and E. I. Green. 2,048,091-2; July 21.
- Power line carrier system. E. I. Green. 2,032,360; Mar. 3.
- Power mechanism. E. T. Croxdale. 2,064,339; Dec. 15.
- Power molding press. J. Derry and E. A. Terkelsen. 2,054,476; Sept. 15.
- Power-operated clutch. J. P. Heiss, G. C. Carhart, and A. J. Jansson. 2,058,586; Oct. 27.
- Power operated machine for manureing and like operations. F. V. Schleimer. 2,033,552; Mar. 10.
- Power output tube bias arrangement. J. S. Starrett. 2,048,758; July 28.
- Power plant. R. C. Burt. 2,054,570; Sept. 15.
- Power plant. W. F. Keenan, Jr. 2,031,423; Feb. 18.
- Power plant. R. E. Lasley. 2,056,193; Oct. 6.
- Power plant. J. S. Malseed, J. T. Welsh, and W. F. Keenan, Jr. 2,031,422; Feb. 18.
- Power plant, Elastic fluid. L. A. Sheldon. 2,035,726; Mar. 31.
- Power plant, Electric. C. W. Saunders. 2,054,662; Sept. 15.
- Power plant, Electric. C. W. Saunders and G. Ellis. 2,054,663; Sept. 15.
- Power plant for locomotive vehicles, Electromechanical. G. M. Pestarini. 2,049,388; July 28.
- Power plant generator, Steam. S. W. Jolley. 2,049,652; Aug. 4.
- Power plant, Internal combustion engine-electric. C. Schaer. 2,050,068; Aug. 4.
- Power plant, Motor vehicle. J. R. Oishei. 2,045,094; June 23.
- Power plants, system for the remote operation of. E. Pearson. 2,050,373; Aug. 11.
- Power press. T. B. Hawkes. 2,043,246; June 9.
- Power press. F. H. Ragan. 2,036,297; Apr. 7.
- Power press. A. T. Yates. 2,062,692; Dec. 1.
- Power rectifier, Electric. D. Journeaux. 2,052,831; Sept. 1.
- Power supply apparatus, Voltage regulating. J. J. Hanley. 2,033,070; Mar. 3.
- Power supply, Carrier line. M. E. Strieby. 2,037,183; Apr. 14.
- Power supply for plural motor interlock systems. C. L. Farrand. 2,055,124; Sept. 22.
- Power supply network for thermionic tubes. R. Rehnitz. 2,037,267; Apr. 14.
- Power supply system. H. W. Lord. 2,052,413; Aug. 25.
- Power supply system. F. X. Rees. 2,062,274; Nov. 24.
- Power switch. P. Duffing. 2,039,071; Apr. 28.
- Power system. D. C. Prince. 2,062,104-5; Nov. 24.
- Power system. O. Wünsche. 2,030,673; Feb. 11.
- Power system, Diesel electric. J. M. Pestarini. 2,038,384; Apr. 21.
- Power system, Electric. D. Silverman. 2,039,851; May 5.
- Power system for combined gathering and loading machines. E. M. Arentzen. 2,050,982; Aug. 11.
- Power system for elevators and the like. B. Henriksen. 2,042,937; June 2.
- Power system, Hydraulic. H. A. Centervall. 2,033,920; Mar. 17.
- Power take-off. F. Forsberg, R. A. Forsberg, and C. C. Forsberg. 2,027,638; Jan. 14.
- Power take-off. A. Winther. 2,036,247; Apr. 7.
- Power take-off and associated mechanism. P. H. Davey. 2,051,784; Aug. 18.
- Power take-off connections for washing machines and the like. W. J. Smith. 2,058,920; Oct. 27.
- Power take-off device. W. M. Gettys. 2,047,024; July 7.
- Power take-off mechanism. R. E. Smith. 2,062,194-5; Nov. 24.
- Power take-off mechanism. A. Tangen. 2,033,597; Mar. 10.
- Power tool, Combination. H. Lambke. 2,029,326; Feb. 4.
- Power transmission. C. J. Anderson, Jr. 2,039,378; May 5.
- Power transmission. L. L. Custer. 2,051,289; Aug. 18.
- Power transmission. F. T. Fawcett. 2,055,895; Sept. 29.
- Power transmission. A. G. A. Nilsson and H. E. Lindberg. 2,034,988; Mar. 24.
- Power transmission. A. Ronning. 2,027,618; Jan. 14.
- Power transmission. G. Weinreich and R. H. Nickel. 2,044,599; June 16.
- Power transmission. H. T. Woolson. 2,055,325; Sept. 22.
- Power transmission apparatus. E. E. Vincent. 2,031,749; Feb. 25.
- Power transmission apparatus for displays. E. B. Bollman and E. Kaps. 2,036,912; Apr. 7.
- Power transmission, Arrangement for maintaining constant line. W. Wiskott and E. Friedländer. 2,046,496; July 7.
- Power transmission, Automatic. J. Krohn. 2,046,877-8; July 7.
- Power transmission chain. J. I. Johnson. 2,036,216; Apr. 7.
- Power transmission chain. H. S. Pierce. 2,047,833; July 14.
- Power transmission clutch. H. M. Rockwell. 2,060,692; Nov. 10.
- Power transmission control mechanism. R. P. Lewis. 2,039,093; Apr. 28.
- Power-transmission coupling. S. S. Cook and L. M. Douglas. 2,028,500; Jan. 21.
- Power transmission device. A. V. Bedford. 2,027,666; Jan. 14.
- Power transmission device. W. S. Brian. 2,034,021; Mar. 17.
- Power transmission device. A. Rafter. 2,055,803; Sept. 29.
- Power transmission device. J. D. Sartakoff. 2,038,959; Apr. 28.
- Power transmission device. C. B. Strandgren. 2,055,951; Sept. 29.
- Power transmission device, Hydrodynamic. E. Martyrer and R. Haackel. 2,037,252; Apr. 14.
- Power transmission for culinary machinery. H. Robinson. 2,046,533; July 7.
- Power transmission mechanism. F. W. Cotterman. 2,061,832; Nov. 24.
- Power transmission mechanism. E. J. Crane. 2,064,295; Dec. 15.
- Power transmission mechanism. C. B. De Vlieg and N. S. Lundberg. 2,029,094; Jan. 28.
- Power transmission mechanism. C. E. Diebold. 2,042,514; June 2.
- Power transmission mechanism. O. Heumader. 2,041,927; May 26.
- Power transmission mechanism. H. F. Hobbs. 2,031,414; Feb. 18.
- Power transmission mechanism. J. W. Hughes. 2,037,787; Apr. 21.
- Power transmission mechanism. G. W. Johnson. 2,060,322; Nov. 10.
- Power transmission mechanism. J. C. Jorgensen. 2,046,462; July 7.
- Power transmission mechanism. A. Madlé. 2,060,884; Nov. 17.
- Power transmission mechanism. E. C. McFarlane. 2,047,792; July 14.
- Power transmission mechanism. C. H. Richards. 2,039,451; May 5.
- Power-transmission mechanism. G. H. Roesch. 2,038,450; Apr. 21.
- Power transmission mechanism. E. T. Shaw. 2,046,346; July 7.
- Power transmission mechanism. A. A. Wiedmaier. 2,053,929; Sept. 8.
- Power transmission mechanism, Variable speed. W. Wharton. 2,041,446; May 19.
- Power transmission, Motor vehicle. H. F. Patterson. 2,055,303; Sept. 22.
- Power transmission, Selective speed. H. J. Murray. 2,051,386; Aug. 18.
- Power transmission, Speed-change. J. Misiak, Jr. 2,042,235; May 26.
- Power transmission system. M. Kamper. 2,058,802; Oct. 27.
- Power transmission system, Electric. G. Pfaff. 2,030,935; Feb. 18.
- Power transmission system for motor vehicles. E. H. Eastman. 2,054,877; Sept. 22.
- Power transmission, System of. P. I. Chandeysson. 2,046,673; July 7.
- Power transmission, Variable speed. W. A. Garratt. 2,036,624; Apr. 7.
- Power transmitter. H. J. Goosman. 2,048,501; July 21.
- Power transmitter. G. A. Klimek. 2,044,172; June 16.
- Power transmitting apparatus. R. G. McCurdy. 2,059,738; Nov. 3.
- Power transmitting chain. A. Maurer. 2,038,583; Apr. 28.
- Power transmitting device. B. B. Bachman. 2,051,980; Aug. 25.
- Power transmitting device. W. T. Dunn. 2,061,997; Nov. 24.
- Power transmitting device. H. Williams. 2,034,219; Mar. 17.
- Power transmitting device. A. B. Wood and H. W. Barnett. 2,042,573; June 2.



- Power transmitting device for automotive vehicles. O. Werner. 2,031,807; Feb. 25.
- Power transmitting device, Multispeed. J. J. Shively. 2,065,620; Dec. 29.
- Power transmitting devices, Assembling. O. Bratz. 2,051,590; Aug. 18.
- Power transmitting machinery. C. H. Howland-Shearman. 2,039,844; May 5.
- Power transmitting mechanism. C. R. Watson. 2,064,452; Dec. 15.
- Power transmitting mechanism. W. L. Wettlaufer. 2,062,343; Dec. 1.
- Power transmitting mechanism, Automatic. J. E. Padgett. 2,045,610-13; June 30.
- Power transmitting mechanism or the like, Hydraulic. W. C. Muller. 2,032,430; Mar. 3.
- Power transmitting mechanism, Variable speed. C. W. Dake. 2,051,783; Aug. 18.
- Power tube. W. E. Kühle. 2,031,112; Feb. 18.
- Power unit. R. Hoe. 2,028,282; Jan. 21.
- Power unit for individual lubricant guns. J. F. Carter. 2,039,881; May 5.
- Power unit for oil wells, Geared. P. C. Day. 2,054,782; Sept. 15.
- Power unit for operating valves and the like, Motor driven. M. J. Berlyn. 2,046,283; June 30.
- Power unit, Industrial. T. C. Delaval-Crow. 2,058,572; Oct. 27.
- Power wind for trailer vehicles. A. P. and G. E. Armington. 2,055,919; Sept. 29.
- Practice device for golf and other games. T. J. Ham, Jr. 2,054,079; Sept. 15.
- Practicing machine for adjusters. C. A. Upson. 2,045,812; June 30.
- Precast joist and slab, Combination. C. Valenti. 2,057,601; Oct. 13.
- Precipitant in production of artificial thread, Regulation of. H. Hofmann. 2,045,598; June 30.
- Precipitates, Producing fine-grained. S. Kiesskalt, A. Funke, and K. Boedeker. 2,059,116; Oct. 27.
- Precipitates, Recovering. C. R. Park. 2,047,128; July 7.
- Precision balance. J. Gattoul. 2,053,074; Sept. 1.
- Precision instrument. M. Ricci. 2,030,320; Feb. 11.
- Precision measuring instrument. C. E. Johansson. 2,028,611; Jan. 21.
- Precision resistance. P. H. Dike. 2,026,616; Jan. 7.
- Precooler for refrigerator cars. J. D. Huston. 2,061,800; Nov. 24.
- Precooling equipment, Portable. G. W. Baker. 2,033,022; Mar. 3.
- Preformed product and making same. H. L. Rogers. 2,051,532; Aug. 18.
- Preparation for protecting and sealing wounds and manufacturing the same. K. Jungmann. 2,039,082; Apr. 28.
- Preparation for the teeth and the mouth. E. Elbel. 2,054,742; Sept. 15.
- Preparation of alkoxy fatty acid esters of cellulose. C. J. Malm and J. D. Coleman. 2,028,792; Jan. 28.
- Preparation of anthraquinone compounds. D. X. Klein. 2,033,339; Mar. 10.
- Preparation of aromatic dithiocarbamates. W. L. Semon. 2,046,884; July 7.
- Preparation of diaryl dithiocarbamates. P. C. Jones. 2,046,876; July 7.
- Preparation of emulsifying soaps. J. Robinson. 2,040,673; May 12.
- Preparation of solutions of hydroxy-cellulose ethers. G. A. Richter, H. P. Vannah, and D. H. McMurtrie. 2,045,411; June 23.
- Preparations having a high content of commercial lecithin, Manufacture of stable. C. H. Buer. 2,064,727; Dec. 15.
- Prepayment mechanism. J. Prince. 2,045,200; June 23.
- Preservative and marine growth arresting process. W. T. Conn. 2,044,772-3; June 23.
- Preservative means for ropes and the like. A. W. Koon. 2,031,267; Feb. 18.
- Preserving can. H. Karl. 2,027,437; Jan. 14.
- Preserving can, Sanitary. H. Karl. 2,027,438; Jan. 14.
- Preserving, Process of. J. S. Reichert, R. W. McAllister, and W. S. Hinegardner. 2,053,740; Sept. 8.
- Press: See—
- |                                  |                            |
|----------------------------------|----------------------------|
| Automatic punch press.           | Lithographic offset press. |
| Bacon press.                     | Molding press.             |
| Baling press.                    | Multiple laundry press.    |
| Block press.                     | Multiple transfer press.   |
| Bosom and collar and cuff press. | Planetary printing press.  |
| Crate press.                     | Power molding press.       |
| Cuff and neckband press.         | Power press.               |
| Cylinder sleeve press.           | Printing press.            |
| Film extruding press.            | Rotary offset press.       |
| Filter press.                    | Rotary press.              |
| Foot power press.                | Rotary printing press.     |
| Fruit press.                     | Rotary varnishing press.   |
| Garment or ironing press.        | Rotary web press.          |
| Garment press.                   | Shoe press.                |
| Hay press.                       | Shoe tap press.            |
| Hydraulic cheese press.          | Sliding bed press.         |
| Hydraulic continuous press.      | Steeping press.            |
| Hydraulic press.                 | Swinging buck press.       |
| Ironing press.                   | Tube extrusion press.      |
| Knuckle-joint type press.        | Upright extruding press.   |
|                                  | Vulcanizing press.         |
|                                  | Web printing rotary press. |
- Press. F. R. Higley. 2,052,045; Aug. 25.
- Press. E. K. Johansen and R. W. Glasner. 2,051,447; Aug. 18.
- Press. R. J. Kaula. 2,029,026; Jan. 28.
- Press. W. Klocke. 2,027,735; Jan. 14.
- Press. W. Klocke. 2,056,402; Oct. 6.
- Press. J. C. Shutt. 2,056,331; Oct. 6.
- Press actuating mechanism. H. D. Forse. 2,062,745; Dec. 1.
- Press and shaping metal articles, Hydraulic metal drawing. W. Ernst. 2,040,731; May 12.
- Press chamber controlling means. A. W. Cocks. 2,039,951; May 5.
- Press control. A. F. Hanney. 2,040,739; May 12.
- Press control, Hydraulic. H. G. Francis. 2,058,877; Oct. 20.
- Press control mechanism. G. S. Baldwin. 2,034,456; Mar. 17.
- Press control mechanism. W. Ernst. 2,053,184; Sept. 1.
- Press control mechanism. A. F. Hanney. 2,040,991; May 19.
- Press cylinder mechanism, Printing. J. F. Jirousek. 2,058,888; Oct. 27.
- Press deforming mechanism. J. F. Smith. 2,056,214; Oct. 6.
- Press drive and control, Power. J. B. Tiedemann. 2,039,128; Apr. 28.
- Press driving mechanism, Power. H. C. H. Walsh and E. H. Hall. 2,051,116; Aug. 18.
- Press for cell case machines, Punch. D. R. Vail. 2,059,501; Nov. 3.
- Press for dehydrating colloid material. M. van Roggen and L. Robin. 2,027,657; Jan. 14.
- Press for extruding metal rods or tubes, Hydraulic. H. Albers. 2,039,947; May 5.
- Press for pneumatic tires, inner tubes, and similar articles, Vulcanizing. G. Cozzo. 2,029,060; Jan. 28.
- Press for printing spots of wax carbon compound. G. A. Rutkoskie. 2,032,719; Mar. 3.
- Press for printing wax carbon spots on sheets of paper, Printing. A. B. Roe. 2,049,274; July 28.
- Press for producing ceramic tiles, Friction wheel spindle. A. Franke. 2,036,129; Mar. 31.
- Press mechanism. P. S. Smith. 2,051,011; Aug. 11.
- Press motor drive. I. Tornberg. 2,053,979; Sept. 8.
- Press of the revolving disk type, Platen job. G. A. Rutkoskie. 2,065,749; Dec. 29.
- Press operating and control mechanism. C. S. Malott, Jr. 2,049,589; Aug. 4.
- Press operating mechanism. C. S. Malott, Jr. 2,050,619; Aug. 11.
- Press printing machine, Hot. C. Gabrielsen. 2,035,957; Mar. 31.
- Press rollers, Adjusting means for printing. P. W. Cowan. 2,066,031; Dec. 29.
- Press tool. S. E. Loftis. 2,047,830; July 14.
- Pressed-on hose coupling. J. P. Eastman. 2,031,823; Feb. 25.
- Pressed-on hose coupling. G. Hutchinson. 2,031,833; Feb. 25.
- Presser and ironer, Electric. G. B. Hamm. 2,035,959; Mar. 31.
- Presser, Auxiliary. W. Heinitz. 2,062,222; Nov. 24.
- Presser mechanism for spring needle knitting machines. A. O. A. Karlberg. 2,041,133; May 19.
- Presser, Pants. C. Boyle. 2,034,130; Mar. 17.
- Presser-plate for clutches. G. E. Stanley. 2,063,203; Dec. 8.
- Presses for producing wax carbon spots on sheets of paper, Apparatus for. G. A. Rutkoskie. 2,061,984; Nov. 24.
- Pressing apparatus. W. C. McDaniel. 2,026,692; Jan. 7.
- Pressing element for pressing machines. G. W. Johnson. 2,030,596; Feb. 11.
- Pressing machine. M. J. Boriski. 2,031,687; Feb. 25.
- Pressing machine. E. Davis. 2,035,792; Mar. 31.
- Pressing machine. E. Davis. 2,045,444; June 23.
- Pressing machine. E. Davis. 2,045,448; June 23.
- Pressing machine. H. D. Forse. 2,053,366; Sept. 8.
- Pressing machine. F. G. Franklin. 2,053,950; Sept. 8.
- Pressing machine. A. F. Hanney. 2,032,801; Mar. 3.
- Pressing machine. A. F. Hanney. 2,037,784; Apr. 21.
- Pressing machine. A. F. Hanney. 2,041,923; May 26.
- Pressing machine. G. W. Johnson. 2,030,595; Feb. 11.
- Pressing machine. G. W. Johnson. 2,045,358; June 23.
- Pressing machine. P. Marcellitti. 2,066,011; Dec. 29.
- Pressing machine. A. Matthews. 2,065,235; Dec. 22.
- Pressing machine. R. K. Nash. 2,051,884; Aug. 25.
- Pressing machine. J. S. Patterson. 2,050,627; Aug. 11.
- Pressing machine. F. C. Wilhelm. 2,059,295; Nov. 3.
- Pressing machine and drying means, Combination. J. S. Patterson. 2,043,332; June 9.
- Pressing machine and maintaining means. G. W. Johnson. 2,043,480; June 9.
- Pressing machine control. J. P. Singiser. 2,062,017; Nov. 24.
- Pressing machine for shirts and the like. G. W. Johnson. 2,043,326; June 9.
- Pressing machine—reciprocating type. G. W. Johnson. 2,029,104; Jan. 28.
- Pressing machine, Seam. H. Weisner. 2,049,033; July 28.
- Pressing machine turret type. G. W. Johnson. 2,050,612; Aug. 11.
- Pressing machine with sectional element. G. W. Johnson. 2,050,611; Aug. 11.



- Pressing machines, Actuating mechanism for. E. Davis. 2,045,445-6; June 23.
- Pressing machines, Chest member for. C. S. Malott, Jr. 2,046,785; July 7.
- Pressing or ironing apparatus, Garment. M. Kaimowitz. 2,036,415; Apr. 7.
- Pressing or treatment roller. F. Schuster. 2,044,640; June 16.
- Pressing pad. C. E. Galvin. 2,036,964; Apr. 7.
- Pressing pad. C. E. Galvin. 2,050,052; Aug. 4.
- Pressing vehicle wheel. M. Winkler. 2,042,754; June 2.
- Pressure actuated device. J. C. Ertel, Jr. 2,055,429; Sept. 22.
- Pressure actuated trip valve. J. Helenberg. 2,048,550; July 21.
- Pressure and differential control. O. F. Carlson. 2,044,465; June 16.
- Pressure and viscosity indicator, Combined. H. T. Booth. 2,033,110; Mar. 10.
- Pressure apparatus, Constant. W. F. Mesinger. 2,058,385; Oct. 20.
- Pressure apparatus for the drawing mechanisms for textile rovings. F. Casablancas. 2,065,115; Dec. 22.
- Pressure apparatus, Variable. E. J. Crane and D. V. Waters. 2,030,966; Feb. 18.
- Pressure applying pad. S. J. Finn. 2,064,900; Dec. 22.
- Pressure compensator for oil- or compound-filled cables. F. Schrottke. 2,030,943; Feb. 18.
- Pressure compensator for pneumatic tires. H. H. Parker. 2,051,315; Aug. 18.
- Pressure contactor. H. Nyquist. 2,047,427; July 14.
- Pressure control. M. R. Fenske. 2,037,125; Apr. 14.
- Pressure control device. K. B. Howell. 2,051,299; Aug. 18.
- Pressure-control for electric pumps, Automatic. R. R. Edrington and W. C. Watson. 2,043,579; June 9.
- Pressure control mechanism. W. Buirk. 2,058,951; Oct. 27.
- Pressure control mechanism for draft tubes. H. C. Williamson. 2,061,642; Nov. 24.
- Pressure control valve. E. W. Work. 2,053,931; Sept. 8.
- Pressure controlled switch. B. W. Dezotell. 2,033,417; Mar. 10.
- Pressure controlling device for gasoline pumps. D. McCormick. 2,026,690; Jan. 7.
- Pressure cooker clamp. S. G. Gorsline. 2,054,857; Sept. 22.
- Pressure differential across piston rings or packings, Apparatus and method of distributing. R. H. Carr and L. A. Ogden. 2,064,969; Dec. 22.
- Pressure equalizing apparatus, Electrically controlled. G. T. Donceel. 2,038,480; Apr. 21.
- Pressure equalizing valve. C. W. Lawson. 2,033,839; Mar. 10.
- Pressure fluctuations, Device to absorb. K. C. Monroe. 2,061,949; Nov. 24.
- Pressure fluid motor. E. G. Gartin. 2,040,842-4; May 19.
- Pressure fluid motor. E. G. Gartin. 2,051,839; Aug. 25.
- Pressure fluid supply system and apparatus. M. H. Sussin. 2,029,085; Jan. 28.
- Pressure gauge. K. Baumert and P. Chapman. 2,034,646; Mar. 17.
- Pressure gauge. J. D. Durant. 2,064,198; Dec. 15.
- Pressure gauge. E. H. Hamilton. 2,057,645; Oct. 13.
- Pressure gauge. F. B. Newell and H. L. Mason. 2,054,911; Sept. 22.
- Pressure gauge. C. J. Odend'Hal. 2,027,875; Jan. 14.
- Pressure gauge. D. K. Segur. 2,035,025; Mar. 24.
- Pressure gauge. R. Ulrich. 2,046,801; July 7.
- Pressure gauge. J. Wahl. 2,056,754; Oct. 6.
- Pressure gauge. S. T. Williams. 2,049,532; Aug. 4.
- Pressure gauge, Fluid. A. E. Carliss. 2,050,084; Aug. 4.
- Pressure in closed vessels or systems, Apparatus for controlling the. R. A. Hetzer. 2,047,734; July 14.
- Pressure indicating wrench. K. Pfeiffer. 2,063,622; Dec. 8.
- Pressure indicator. R. G. Miner, Jr. 2,050,113; Aug. 4.
- Pressure indicator. J. H. Woodberry. 2,043,277; June 9.
- Pressure inversion process of making hard board products. W. H. Mason and C. H. Westphalen. 2,046,750; July 7.
- Pressure lubrication pump. S. O. Jakobsen. 2,064,755; Dec. 15.
- Pressure measuring apparatus. E. T. Lorig, E. E. Moore, and J. T. Nichols. 2,050,106; Aug. 4.
- Pressure measuring device. C. Johnson. 2,063,313; Dec. 8.
- Pressure, Method and apparatus for measuring and controlling absolute. D. E. Tell. 2,040,284; May 12.
- Pressure operated switch, Automatic tire. S. V. Holmes. 2,040,554; May 12.
- Pressure reducing and shut-off valve, Combined. A. Hill. 2,053,611; Sept. 8.
- Pressure regulating system. M. E. Lake. 2,059,121; Oct. 27.
- Pressure regulating valve. W. E. Johnston. 2,032,284; Feb. 25.
- Pressure regulator. G. W. Crandall. 2,051,028; Aug. 18.
- Pressure regulator. G. M. Deming. 2,049,382; July 28.
- Pressure regulator. G. M. Deming. 2,061,794-5; Nov. 24.
- Pressure regulator. M. H. Grove. 2,047,101; July 7.
- Pressure regulator. G. W. McKee. 2,026,793; Jan. 7.
- Pressure regulator. C. Mott. 2,036,601; Apr. 7.
- Pressure regulator. A. Pfau. 2,038,500; Apr. 21.
- Pressure regulator. A. Pfau. 2,059,649; Nov. 3.
- Pressure regulator, Multistage. C. K. Bryce and H. W. Jones. 2,057,133; Oct. 13.
- Pressure regulator, Two-stage. R. J. Kehl and H. W. Jones. 2,057,150; Oct. 13.
- Pressure release. J. A. Sharp. 2,051,276; Aug. 18.
- Pressure relief device for shock absorbers. L. Simon. 2,050,672; Aug. 11.
- Pressure relief valve. A. Boynton. 2,055,465; Sept. 29.
- Pressure relief valve. W. J. Grissett. 2,047,581; July 14.
- Pressure relief valve. W. G. Laird. 2,032,325; Feb. 25.
- Pressure relief valve. T. G. A. Sillers. 2,030,121; Feb. 11.
- Pressure relief valve, Automatic. P. F. Gaffey. 2,060,006; Nov. 10.
- Pressure surge controlling means. R. Bischoff. 2,055,193; Sept. 22.
- Pressure switch. J. C. Albrecht. 2,056,084; Sept. 29.
- Pressure switch. E. F. Meikelburg. 2,040,181; May 12.
- Pressure switch. E. F. Meikelburg. 2,043,803; June 9.
- Pressure, temperature, and vacuum relief valve. E. W. Work. 2,047,722; July 14.
- Pressure therapeutic apparatus, Variable. C. A. Vinal. 2,060,706; Nov. 10.
- Pressure-tight bearing. F. A. Barnes. 2,042,166; May 26.
- Pressure to shoe bottoms, Apparatus for use in applying. F. Kennison. 2,029,324; Feb. 4.
- Pressure, vacuum, and temperature relief. R. B. Allen. 2,065,417; Dec. 22.
- Pressure vacuum valve. G. H. Jett. 2,045,780; June 30.
- Pressure wave transmitter and receiver incorporating magnetostrictive devices. N. P. Hinton. 2,059,107; Oct. 27.
- Pretzel forming machine. H. S. Gipe. 2,026,526; Jan. 7.
- Pretzel making machine. H. A. Elliott. 2,056,838; Oct. 6.
- Pretzel making machine. H. A. Gerland. 2,053,608; Sept. 8.
- Prewelt lasting machine. W. Kaut. 2,054,545; Sept. 15.
- Price card holder. P. H. Meyer. 2,049,855; Aug. 4.
- Price indicating means. C. W. Sheldon. 2,053,746; Sept. 8.
- Price tag holder. H. A. Banks. 2,053,124; Sept. 1.
- Price tag holder. D. Garfinkle. 2,032,533; Mar. 3.
- Price ticket clip. W. B. Pattillo. 2,064,849; Dec. 22.
- Price ticket holder. L. Hopp. 2,047,632; July 14.
- Pricking or aerating implement. W. Hargraves. 2,042,697; June 2.
- Prie-dieu. W. F. Liska. 2,043,669; June 9.
- Prie-dieu, Folding. W. F. Liska. 2,041,196; May 19.
- Primary cell. M. L. Martus, E. H. Becker, and J. G. Ross. 2,030,177; Feb. 11.
- Primary cell. M. L. Martus and E. H. Becker. 2,048,347; July 21.
- Primary cell. M. L. Martus and E. H. Becker. 2,048,804; July 28.
- Primary cell, Electric. C. J. Gordon. 2,050,172-4; Aug. 4.
- Primary electric cell. D. Domizi. 2,061,899; Nov. 24.
- Prime mover control system. A. Pfau. 2,059,651; Nov. 3.
- Prime movers, Apparatus for controlling. S. L. Kerr. 2,039,426; May 5.
- Primer composition. G. H. Chambers. 2,036,119; Mar. 31.
- Primer for ammunition. G. H. Jacobs. 2,027,825; Jan. 14.
- Primer for internal combustion engines, Automatic. J. W. FitzGerald. 2,040,253; May 12.
- Primer for internal combustion engines, Automatic. J. W. FitzGerald. 2,063,087; Dec. 8.
- Priming apparatus for centrifugal pumps. A. C. Durdin, Jr. 2,033,980-1; Mar. 17.
- Priming composition. A. Weale. 2,065,929; Dec. 29.
- Priming device. H. O. Leuschner. 2,040,945; May 19.
- Priming mixture. J. E. Burns. 2,038,097; Apr. 21.
- Priming mixtures. J. and J. Doerfer. 2,035,597; Mar. 31.
- Print roll. C. F. Cooper. 2,046,504; July 7.
- Print rollers and the like, Apparatus for making. W. M. Greene and P. E. Luther. 2,028,699; Jan. 21.
- Print rolls, Making. C. F. Cooper. 2,046,503; July 7.
- Printed matter, Apparatus for duplicating. F. W. Storeck. 2,036,972; Apr. 7.
- Printed sheet drier. E. M. Jump. 2,040,998; May 19.
- Printer, Automatic photoroll. O. H. Bennett. 2,054,237; Sept. 15.
- Printer, Enlarging. R. S. Hopkins. 2,033,712; Mar. 10.
- Printer, Record card controlled. E. A. Ford. 2,056,394; Oct. 6.
- Printer's blanket. W. C. Calvert. 2,064,780; Dec. 15.
- Printer's gauge pin. T. W. Cleveland and T. W. Bunten. 2,032,004; Feb. 25.
- Printer's plate. A. L. Freedlander. 2,047,624; July 14.
- Printer's plate clamping device. S. Roesner. 2,052,989; Sept. 1.
- Printing. C. S. Crafts. 2,047,357; July 14.
- Printing. I. Curwick. 2,052,621; Sept. 1.
- Printing. V. Dietz. 2,044,156; June 16.
- Printing. C. L. Farrand. 2,045,129; June 23.
- Printing. F. J. Jeuck. 2,042,432; May 26.
- Printing. B. J. Kelly and J. W. Kemmler. 2,052,350-1; Aug. 25.
- Printing. T. E. Knowlton. 2,030,304; Feb. 11.
- Printing. J. V. Mehl. 2,046,959; July 7.



- Printing. J. A. Wainright and J. W. Harrop. 2,052,679; Sept. 1.
- Printing and collating machine. W. P. Shomaker. 2,037,181; Apr. 14.
- Printing and depositing mechanism. E. D. Rapisarda. 2,031,386; Feb. 18.
- Printing and embossing. C. A. Flood. 2,043,432; June 9.
- Printing and embossing die. F. Weindel, Jr., and W. F. Price. 2,054,688; Sept. 15.
- Printing and embossing in register, Apparatus for. C. G. Bright. 2,054,313; Sept. 15.
- Printing and furnishing machine. A. Sattler. 2,052,252; Aug. 25.
- Printing and paper feeding mechanism for adding machines or the like. W. W. Lasker. 2,059,251; Nov. 3.
- Printing and registering machine, Selective denomination. J. Q. Finrock and F. P. Sager. 2,056,315; Oct. 6.
- Printing apparatus. J. E. Cady. 2,061,893; Nov. 24.
- Printing apparatus. L. E. Dayment and R. F. Lilly. 2,047,359; July 14.
- Printing apparatus. L. Freuder. 2,049,495; Aug. 4.
- Printing apparatus for lenticulated films. K. Rantsch. 2,036,498; Apr. 7.
- Printing apparatus for motion picture photography, Continuous synchronized silhouette mat step. B. C. Whitman. 2,054,401; Sept. 15.
- Printing apparatus, Rotary. H. P. Elliott. 2,053,070; Sept. 1.
- Printing, Attachment for multiple. H. M. Rantin. 2,044,124; June 16.
- Printing device. S. Anthony. 2,039,049; Apr. 28.
- Printing device. R. M. Dugdale. 2,039,072; Apr. 28.
- Printing device. W. T. Gollwitzer. 2,049,437; Aug. 4.
- Printing device. W. T. Gollwitzer. 2,055,009; Sept. 22.
- Printing device. W. A. Tratsch and B. C. Grunig. 2,043,680; June 9.
- Printing device for envelope machines. H. G. Cowan, E. R. Lake, and S. B. Urbanowitz. 2,059,561; Nov. 3.
- Printing device for lenticular element films. H. Neugebauer. 2,051,387; Aug. 18.
- Printing device for lumber. H. H. Payzant. 2,027,347; Jan. 7.
- Printing device for statistical, calculating, and tabulating machines utilizing perforated cards. K. A. Knutsen. 2,046,464; July 7.
- Printing device, Record controlled. J. W. Bryce. 2,053,063; Sept. 1.
- Printing element and making same. W. C. Huebner. 2,042,003; May 26.
- Printing elements, Joining. W. C. Bush. 2,050,993; Aug. 11.
- Printing exposure in the production of positive cinematograph films, Controlling. G. B. Harrison. 2,052,624; Sept. 1.
- Printing for the blind, Producing raised. S. Ish-Shalom and O. I. Bloom. 2,038,243; Apr. 21.
- Printing frame. H. C. Jones. 2,035,892; Mar. 31.
- Printing interpreters. W. W. Lasker. 2,034,104; Mar. 17.
- Printing machine. S. Furman. 2,029,996; Feb. 4.
- Printing machine. I. H. Gilbertson. 2,038,728; Apr. 28.
- Printing machine. E. C. Hartley. 2,041,183; May 19.
- Printing machine. E. L. Mueller. 2,043,056; June 2.
- Printing machine. H. C. Osborn. 2,051,890; Aug. 25.
- Printing machine. C. D. Ryan. 2,028,294; Jan. 21.
- Printing machine. F. P. Sager. 2,049,592; Aug. 4.
- Printing machine. F. Shurley. 2,034,003; Mar. 17.
- Printing machine. E. J. Ward. 2,043,600; June 9.
- Printing machine, Automatic multicolor. L. G. Dubuit. 2,058,671; Oct. 27.
- Printing machine for cinematographic films, Continuous. H. Chretien. 2,058,415; Oct. 27.
- Printing machine for cinematographic films, Multiple. A. L. V. C. Debie. 2,058,777; Oct. 27.
- Printing machine for impenetrable surfaces. F. and Q. H. Shurley. 2,060,385; Nov. 10.
- Printing machine having a type impression inking ribbon. E. G. Moshier. 2,053,675; Sept. 8.
- Printing machine, Multicolor. F. F. Kaiser. 2,042,060; May 26.
- Printing machine, Multiple. A. L. V. C. Debie. 2,039,213; Apr. 28.
- Printing machine, Rotary. H. E. Hunt. 2,058,232; Oct. 20.
- Printing machine, Rotary. O. Niemand. 2,031,727; Feb. 25.
- Printing machine, Rotary multicolor. R. T. Colville. 2,054,215; Sept. 15.
- Printing machine, Rotary web undersurface. F. C. Marquardt. 2,052,638; Sept. 1.
- Printing machine, Selective. W. T. Gollwitzer. 2,053,283; Sept. 8.
- Printing mask for dating photographic prints. J. L. Daneker. 2,037,764; Apr. 21.
- Printing means. F. Q. Rast. 2,045,996; June 30.
- Printing mechanism. E. Buhler. 2,036,016; Mar. 31.
- Printing mechanism. F. E. Curtis. 2,036,259; Apr. 7.
- Printing mechanism. G. F. Daly. 2,056,391; Oct. 6.
- Printing mechanism. W. E. Ecker. 2,036,027; Mar. 31.
- Printing mechanism. J. A. Fried. 2,058,859; Oct. 27.
- Printing mechanism. F. J. Furman. 2,039,791; May 5.
- Printing mechanism. H. H. Keen. 2,063,508; Dec. 8.
- Printing mechanism. W. G. Read. 2,045,408; June 23.
- Printing mechanism. A. J. Shickman and W. A. Thum. 2,041,730; May 26.
- Printing mechanism. O. F. Wood. 2,054,152; Sept. 15.
- Printing mechanism, Auxiliary. M. Garbell. 2,062,746; Dec. 1.
- Printing mechanism for tabulating machines. R. Duncan and L. F. Wilkinson. 2,059,216; Nov. 3.
- Printing mechanism for tabulating machines. G. V. A. Malmros. 2,036,063; Mar. 31.
- Printing medium and manufacturing. A. L. Freedlander. 2,054,620; Sept. 15.
- Printing member. C. P. Stirling. 2,039,195; Apr. 28.
- Printing method and apparatus therefor, Continuous. R. B. Keller. 2,066,179; Dec. 29.
- Printing, Multicolor. A. B. Davis. 2,052,556; Sept. 1.
- Printing on irregular surfaces. H. H. Meyer. 2,042,476; June 2.
- Printing pad. B. Dwofsky. 2,031,212; Feb. 18.
- Printing, Photographic. F. P. Roullard. 2,055,207; Sept. 22.
- Printing, Photoink. E. N. Baker. 2,058,396; Oct. 27.
- Printing plate. H. J. Farrington. 2,039,074; Apr. 28.
- Printing plate. W. T. Motson, Sr. 2,048,631; July 21.
- Printing plate. H. Swan and S. Higgins. 2,028,709-12; Jan. 21.
- Printing plate. B. Wells. 2,032,453; Mar. 3.
- Printing plate and making the same. B. J. Lewis. 2,045,606; June 30.
- Printing plate base. H. W. Hacker. 2,033,705; Mar. 10.
- Printing plate block. H. W. Hacker. 2,033,704; Mar. 10.
- Printing-plate clamp. W. S. Warnock. 2,059,067; Oct. 27.
- Printing plate shaving machine. W. F. Huck. 2,040,437; May 12.
- Printing plate trimming mechanism. L. Kohl. 2,051,171; Aug. 18.
- Printing plates, Apparatus for cooling. H. A. W. Wood. 2,060,358; Nov. 10.
- Printing plates, Dampening. B. D. Stevens and B. L. Sites. 2,063,636; Dec. 8.
- Printing plates, Method and apparatus for making. M. D. McFarlane and G. Kinn. 2,063,614; Dec. 8.
- Printing plates, Preparing. W. S. Marx, Jr. 2,048,876; July 28.
- Printing plates, Producing. E. L. Crist. 2,064,057; Dec. 15.
- Printing plates, Production of multicolor. R. Mackay. 2,060,816; Nov. 17.
- Printing plates to a cylinder, Apparatus for attaching. J. J. Kessler. 2,055,295; Sept. 22.
- Printing plates to presses, Attaching. F. R. Johnson and C. F. Pflanze. 2,060,082; Nov. 10.
- Printing plates to the cylinders of printing machines, Securing. W. F. Huck. 2,050,950; Aug. 11.
- Printing preparation and process. F. Grieshaber. 2,029,999; Feb. 4.
- Printing preparations and printing with said preparations. K. Krauss and A. Hazenböcker. 2,045,476; June 23.
- Printing press. C. R. Kaddeland. 2,064,168; Dec. 15.
- Printing press. W. M. Kelly. 2,030,173; Feb. 11.
- Printing press. H. D. Kem and J. R. Marshall, Jr. 2,039,909; May 5.
- Printing press. R. Miehle. 2,064,622; Dec. 15.
- Printing press. A. Rosenthal. 2,037,091; Apr. 14.
- Printing press. E. J. Smith. 2,055,319; Sept. 22.
- Printing press. E. O. and D. D. Vandercook, and R. L. Pelland. 2,049,636; Aug. 4.
- Printing press. N. S. Welk. 2,062,152; Nov. 24.
- Printing press. H. A. W. Wood. 2,050,031; Aug. 4.
- Printing press and method of printing. F. V. Toppin. 2,027,797; Jan. 14.
- Printing press cylinder and preparing the same for the printing operation. F. Swenson. 2,037,833; Apr. 21.
- Printing press for printing spots of wax carbon on sheets of paper. W. F. Burke. 2,032,047; Feb. 25.
- Printing press, Hand or treadle operated. D. A. Aspinall. 2,065,258; Dec. 22.
- Printing press, Offset. H. Gould and F. Ackerman. 2,049,257; July 28.
- Printing press, Rotary. H. M. Barber. 2,058,759-60; Oct. 27.
- Printing press, Rotary web. H. M. Barber. 2,057,360; Oct. 13.
- Printing presses, Attachment for. D. Fickes. 2,041,238; May 19.
- Printing presses, Delivery mechanism for. H. M. Barber. 2,065,300; Dec. 22.
- Printing, Process and means of. W. C. Huebner. 2,065,136; Dec. 22.
- Printing process, Metallic. M. Stone. 2,043,309; June 9.
- Printing quotation board. R. Hoover and E. R. Wheeler. 2,056,452; Oct. 6.
- Printing scale. H. E. Berger. 2,036,014; Mar. 31.
- Printing scale. C. R. Doty. 2,036,026; Mar. 31.
- Printing surfaces on cylinders, Forming. O. R. Schultz. 2,060,828; Nov. 17.
- Printing, System of. W. T. Gollwitzer. 2,047,201; July 14.
- Printing telegraph exchange system. G. S. Vernam. 2,035,577; Mar. 31.
- Printing telegraph projecting machine. A. K. Hanks. 2,050,317; Aug. 11.
- Printing telegraph system. R. J. Anspach and J. W. Harrison. 2,028,818; Jan. 28.
- Printing telegraph system. S. Z. Bear. 2,058,398; Oct. 27.
- Printing telegraph system. T. L. Corwin. 2,028,194; Jan. 21.



- Prints, Apparatus for developing. K. Murck. 2,056,584; Oct. 6.
- Prints, Producing color. F. Lieng. 2,054,261; Sept. 15.
- Prismostereophorometer. A. W. Loy. 2,041,719; May 26.
- Prison gate. O. Olsen. 2,051,223; Aug. 18.
- Process and apparatus. W. S. Calcott and A. F. Benning. 2,034,458; Mar. 17.
- Process and mold for molding plastic compositions. J. G. Wheway. 2,063,355; Dec. 8.
- Processing apparatus. A. J. Kutchera. 2,043,969; June 9.
- Processing, Method and apparatus for. M. H. Raney. 2,051,391; Aug. 18.
- Processing system for rayon and the like. H. C. Uhl. 2,055,323; Sept. 22.
- Producer and the like. P. Van Ackeren. 2,056,060; Sept. 29.
- Product and preparing same. J. A. Arvin. 2,029,851; Feb. 4.
- Product for building construction. H. H. Hathaway. 2,038,173; Apr. 21.
- Product for coating fruit and preparing the same. A. R. Thompson. 2,046,537; July 7.
- Product for use in roentgenography and preparing it. T. O. Menees and J. D. Miller. 2,065,718; Dec. 29.
- Product from ordinary garbage and preparing same. E. W. McCullough. 2,042,429; May 26.
- Products by subjecting a material to relatively high temperatures. Method and apparatus for manufacturing. L. R. Campbell. 2,029,307; Feb. 4.
- Products comprising derivatives of cellulose. Making. C. Dreyfus and G. Schneider. 2,062,402; Dec. 1.
- Products containing spinels. Obtaining. T. R. Haglund. 2,029,773; Feb. 4.
- Products derived from trichloroisobutane and producing them. R. E. Nelson and A. O. Rogers. 2,061,519; Nov. 17.
- Products from artificial silk. Producing. G. Heberlein. 2,046,741; July 7.
- Products in cans, Methods of and apparatus for gassing and sealing. J. M. Young. 2,054,492; Sept. 15.
- Products including aliphatic aldehydes. Making. K. Baur. 2,031,200; Feb. 18.
- Products of the anthrapyrimidine series. M. A. Kunz, K. Koerberle, and O. Schlichting. 2,032,539; Mar. 3.
- Products or articles having a basis of cellulose derivatives, and of reagents therefor. Manufacture or treatment of. H. Dreyfus. 2,037,011; Apr. 14.
- Products or articles having a basis of cellulose derivatives. Manufacture or treatment of. H. Dreyfus. 2,037,013; Apr. 14.
- Products or articles made of or containing cellulose derivatives or other lacquer bases. Manufacture or treatment of. H. Dreyfus. 2,065,125; Dec. 22.
- Profiling machine. C. Knowles and W. Law. 2,037,635; Apr. 14.
- Program device for player musical instruments. W. J. Butler. 2,034,224; Mar. 17.
- Program indicator. J. W. Decker. 2,033,926; Mar. 17.
- Program selecting system. T. C. Riebe, C. E. Lomax, and H. F. Obergfell. 2,035,617; Mar. 31.
- Program selector for radio receivers. Automatic. E. W. Allen, Jr. 2,060,546; Nov. 10.
- Program-starting system. D. W. Exner. 2,060,755; Nov. 10.
- Program system, Automatic. G. B. Scheibell. 2,031,074; Feb. 18.
- Program system, Selective. G. B. Scheibell. 2,031,075; Feb. 18.
- Programs, Apparatus for controlling electrically transmitted musical. J. L. Adams, Jr. 2,065,037; Dec. 22.
- Projectile. E. W. Brandt. 2,037,308; Apr. 14.
- Projectile. K. L. Hayden. 2,055,765; Sept. 29.
- Projectile. R. W. Hippen and L. T. Barnes. 2,060,213; Nov. 10.
- Projectile. W. T. Moore. 2,036,292; Apr. 7.
- Projectile. J. G. Taylor. 2,044,819; June 23.
- Projecting and sound reproducing apparatus, Portable. C. M. Weber. 2,051,661; Aug. 18.
- Projecting apparatus. R. M. Cantwell. 2,047,002; July 7.
- Projecting apparatus. M. Sassoli. 2,047,521; July 14.
- Projecting machine. J. G. Gramsa. 2,054,417; Sept. 15.
- Projecting machine for sound cinematographs. A. L. V. C. Debrle. 2,027,680; Jan. 14.
- Projection and reproduction system. E. Leitz, Jr. 2,055,237; Sept. 22.
- Projection apparatus. E. Bausch and H. F. Kurtz. 2,064,368; Dec. 15.
- Projection apparatus. L. W. Bowen. 2,031,361; Feb. 18.
- Projection apparatus. D. F. Newman. 2,029,938; Feb. 4.
- Projection printer. R. F. Brady. 2,032,397; Mar. 3.
- Projection screen. T. N. Holden. 2,032,363; Mar. 3.
- Projection screen, Portable. V. Hammel. 2,062,878; Dec. 1.
- Projection system. K. L. Curtis. 2,051,593; Aug. 18.
- Projection system. R. F. Dirkes and R. Steeneck. 2,030,812; Feb. 11.
- Projection system. J. H. S. Hamer. 2,051,848; Aug. 25.
- Protection system. A. L. Sprecker. 2,059,757; Nov. 3.
- Projector. C. Bornmann. 2,033,225; Mar. 10.
- Projector. H. K. Hull. 2,037,416; Apr. 14.
- Projector. R. L. Lee. 2,033,038; Mar. 3.
- Projector. R. E. Wilson. 2,030,489; Feb. 11.
- Projector and sound reproducer, Combined motion picture. R. C. McClay. 2,061,202; Nov. 17.
- Projector and sound-reproducing assembly, Combination. W. J. Morrissey. 2,027,191; Jan. 7.
- Projector for color motion pictures. O. C. Gilmore. 2,050,224; Aug. 4.
- Projector for surface projectiles. I. Bayer. 2,048,915; July 28.
- Projector head for oil burners. Rotary. H. A. Tiffany. 2,030,123; Feb. 11.
- Projector, Nondazzling. J. Wetzel. 2,065,164; Dec. 22.
- Projector or camera shutter mechanism. S. Parish. 2,039,341; May 5.
- Projector slide. E. S. King. 2,042,604; June 2.
- Projector with intermittent burning lamp and natural draft lamp cooling, Illuminated-image. C. Ellis, Jr. 2,060,560; Nov. 10.
- Prony brake. N. S. Bestoso. 2,043,147; June 2.
- Prop. F. M. Needham. 2,045,484; June 23.
- Prop. Clothesline. N. Berg. 2,031,091; Feb. 18.
- Prop. Clothesline. A. Kovalik. 2,032,132; Feb. 25.
- Propellent exercising device. C. A. A. G. Sabaeff; 2,062,829; Dec. 1.
- Propeller. G. A. Ambjörnson. 2,047,847; July 14.
- Propeller. A. Assala. 2,058,122; Oct. 20.
- Propeller. J. F. Brown. 2,032,790; Mar. 3.
- Propeller. F. W. Caldwell. 2,032,255; Feb. 25.
- Propeller. P. Di Cesare. 2,041,169; May 19.
- Propeller. G. S. Faber. 2,045,383; June 23.
- Propeller. A. A. Handler. 2,044,294-5; June 16.
- Propeller. H. Hirth and R. Weis. 2,053,666; Sept. 8.
- Propeller. R. P. Lansing. 2,059,122; Oct. 27.
- Propeller. M. Mansson. 2,037,251; Apr. 14.
- Propeller. E. G. McCauley. 2,041,849; May 26.
- Propeller. P. Pedersen. 2,036,491; Apr. 7.
- Propeller. J. G. Rayniak. 2,065,154; Dec. 22.
- Propeller. S. K. Sherwood. 2,058,361; Oct. 20.
- Propeller. A. White. 2,050,142; Aug. 4.
- Propeller, Adjustable. S. G. Kotelevtseff. 2,041,611; May 19.
- Propeller blade. E. F. Techmer. 2,053,851; Sept. 8.
- Propeller, Blade wheel. J. Ehrhart. 2,037,069; Apr. 14.
- Propeller blades and the like, Fabricating. J. W. Smith. 2,057,924; Oct. 20.
- Propeller blades, Apparatus for balancing. J. Squires. 2,028,254; Jan. 21.
- Propeller blades, Apparatus for forming. J. Squires. 2,047,296; July 14.
- Propeller blades in the hub, Method of and apparatus for securing. R. Krissiep and W. Linicus. 2,043,481; June 9.
- Propeller control mechanism. F. W. Caldwell and E. Martin. 2,026,814; Jan. 7.
- Propeller, Controllable. P. F. Hackethal. 2,046,625; July 7.
- Propeller device. J. F. Brown. 2,039,628; May 5.
- Propeller driving mechanism. H. V. Dixon, Jr. 2,050,283; Aug. 11.
- Propeller, fan, and exhauster. S. Ceglowski. 2,030,622; Feb. 11.
- Propeller, Feathering. R. de Tryon-Montalembert. 2,054,876; Sept. 22.
- Propeller, Fluid operating. W. H. Leinweber. 2,027,050; Jan. 7.
- Propeller for aircraft. K. F. J. Kirsten and H. M. Heuver. 2,045,233; June 23.
- Propeller, Generator. E. J. Weible. 2,043,402; June 9.
- Propeller manufacture. F. W. Caldwell. 2,039,211; Apr. 28.
- Propeller mounting mechanism. F. A. King. 2,027,439; Jan. 14.
- Propeller, One-piece hollow steel. W. S. Hoover. 2,042,099; May 26.
- Propeller puller. P. Kelly. 2,030,006; Feb. 4.
- Propeller, Sled. S. Keltonik. 2,065,375; Dec. 22.
- Propeller, Variable pitch. S. Gilbert. 2,049,954; Aug. 4.
- Propellers, Manufacturing. A. A. Handler. 2,044,293; June 16.
- Propelling and steering device for boats, Manual. E. Kaiser. 2,033,637; Mar. 10.
- Propelling device. L. R. Moray and T. E. Merwin. 2,064,845; Dec. 22.
- Propelling device. E. H. Smith. 2,026,917; Jan. 7.
- Propelling mechanism. A. O. Mickelson and A. J. Duaci. 2,048,557; July 21.
- Propulsion mechanism for watercraft. K. F. Marx. 2,056,475; Oct. 6.
- Propulsion system. A. Zegers. 2,041,103; May 19.
- Propulsion unit. P. De Michells. 2,064,195; Dec. 15.
- Propylenes, Catalytic hydration of. W. H. Shiffer and M. M. Holm. 2,052,806; Sept. 1.
- Prospecting, Method and apparatus for electrical. T. Zuschlag. 2,062,630; Dec. 1.
- Protecting means for mechanisms. E. C. Ekstromer. 2,031,826; Feb. 25.
- Protecting mechanisms. E. C. Ekstromer. 2,034,753-4; Mar. 24.
- Protection device. I. F. Sampson. 2,049,321; July 28.
- Protecting device for spark plugs. L. J. St. Clair. 2,033,360; Mar. 10.
- Protection for golf club heads. W. S. Bucklin. 2,035,529; Mar. 31.
- Protection of electric distributing networks having an insulated neutral point, Selective. A. Jonnart. 2,041,644; May 19.



- Protective apparatus. S. C. Leyland. 2,064,018; Dec. 15.  
 Protective apparatus. O. C. Traver and C. R. Mason. 2,030,665; Feb. 11.  
 Protective apparatus for alternating current power systems. S. B. Gray. 2,066,143; Dec. 29.  
 Protective appliance. H. and M. E. Jackson. 2,038,491; Apr. 21.  
 Protective appliance. H. and M. E. Jackson. 2,053,035; Sept. 1.  
 Protective arrangement. H. T. Seeley. 2,032,956; Mar. 3.  
 Protective arrangement. L. F. Stone. 2,032,959; Mar. 3.  
 Protective arrangement for glow discharge lamps. P. Schnitzler. 2,055,753; Sept. 29.  
 Protective coating composition. C. A. Thomas. 2,035,250; Mar. 24.  
 Protective coating composition and preparing the same. C. A. Thomas. 2,035,251; Mar. 24.  
 Protective compositions. E. R. Hanson. 2,034,656; Mar. 17.  
 Protective compositions. E. R. Hanson. 2,066,002; Dec. 29.  
 Protective device. W. H. Cooney. 2,053,944; Sept. 8.  
 Protective device. R. H. Earle. 2,029,562; Feb. 4.  
 Protective device. C. H. Hill. 2,053,952; Sept. 8.  
 Protective device. Le R. W. Kelsay. 2,058,594; Oct. 27.  
 Protective device for motor vehicles. W. L. Morrison. 2,050,015; Aug. 4.  
 Protective device for safes. W. C. Miller. 2,062,067; Nov. 24.  
 Protective dial light. N. Raskhodoff. 2,043,576; June 9.  
 Protective means for electric circuits. R. A. Cushman and L. G. Young. 2,049,948; Aug. 4.  
 Protective means for guideways. H. B. Kraut and K. F. Gallimore. 2,033,141; Mar. 10.  
 Protective means for radio receiving apparatus. R. S. Holmes. 2,059,870; Nov. 3.  
 Protective receptacle. C. F. Mellink. 2,030,219; Feb. 11.  
 Protective sleeve for resistor connector device. A. A. Leonard. 2,045,361; June 23.  
 Protective system. F. E. Blount. 2,046,719; July 7.  
 Protective system. D. D. Knowles. 2,062,269; Nov. 24.  
 Protective system. L. R. Strasburger. 2,037,399; Apr. 14.  
 Protective system. J. F. Trille and J. W. McNairy. 2,059,064; Oct. 27.  
 Protective system. S. Widmer and M. Hürlimann. 2,052,814; Sept. 1.  
 Protective system for cable circuits. R. K. Honaman, L. S. Inskip, and L. K. Swart. 2,037,859; Apr. 21.  
 Protective system for furnaces. L. Meharg, J. H. Kaylor, and D. I. Rodenbaugh. 2,042,475; June 2.  
 Protective system for power lines. L. F. Hunt. 2,051,378; Aug. 18.  
 Protective system for railways. W. M. Post. 2,063,336; Dec. 8.  
 Protector: See—  
   Baby shoe protector. Neck protector.  
   Bird cage protector. Needle protector.  
   Book cover protector. Network protector.  
   Dress protector. Pipe thread protector.  
   Drill pipe protector. Plant protector.  
   Ear protector. Sanitary milk protector.  
   Eye and nose protector. Scalp protector.  
   Eye protector. Shade protector.  
   Finger protector. Shirt collar protector.  
   Foot protector. Shoe protector.  
   Fuel pump protector. Ski edge protector.  
   Guard protector. Spark plug protector.  
   Guy wire protector. Spring protector.  
   Hat protector. Telephone protector.  
   Hand protector. Thread protector.  
   Heel and hose protector. Well casing protector.  
   Journal bearing protector. Windshield protector.  
   Meter and switch box protector.  
 Protector. E. Gilbert. 2,028,060; Jan. 14.  
 Protector for cigarette smokers, Finger. T. E. Hatch. 2,039,530; May 5.  
 Protector for dental drill hand pieces. A. M. Lininger. 2,041,077; May 19.  
 Protector for footwear or the hoofs of animals, Metal. F. Genecand. 2,064,531; Dec. 15.  
 Protector for internal threads. L. W. Bosley. 2,055,646; Sept. 29.  
 Protector for pipe ends. H. R. Mazurie. 2,061,366; Nov. 17.  
 Protector for thread packages. C. E. Chaffin. 2,044,207; June 16.  
 Protector for threaded objects. L. S. Gunderman. 2,044,568; June 16.  
 Protector for use with hairdresser's wrappers or the like, Neck. A. Förster. 2,029,417; Feb. 4.  
 Protein decomposition products, mineral salts, and soluble carbohydrates, Producing from plant materials. R. Schwarz and S. Laufer. 2,051,017; Aug. 11.  
 Protocatechuic aldehyde, Preparation of. M. S. Carpenter and E. C. Kunz. 2,027,148; Jan. 7.  
 Protractor. C. H. Little. 2,049,302; July 28.  
 Protractor. H. A. Musham. 2,039,333; May 5.  
 Pseudo-bufatalin, Preparing. H. Kondo, S. Ikawa, and Y. Kobayashi. 2,062,667; Dec. 1.  
 Puddler, Mechanical. M. O. Johnson. 2,041,350; May 19.  
 Puff, Cosmetic. L. L. Kole. 2,053,565; Sept. 8.  
 Pull box remote control. D. Mapes. 2,031,964; Feb. 25.  
 Pull rod jack. C. Neher. 2,044,483; June 16.  
 Puller: See—  
   Axle puller. Pipe puller.  
   Clamp puller. Propeller puller.  
   Drill puller. Valve seat puller.  
   Lower valve puller. Weed puller.  
 Puller hoist. T. H. Edelblute. 2,051,832; Aug. 25.  
 Pulling, picking-up, and transporting attachment for excavators, Combined. W. D. Morgan. 2,044,624; June 16.  
 Pulling tool. R. A. Kaplan. 2,052,304; Aug. 25.  
 Pulley, Adjustable. M. Zimic. 2,062,629; Dec. 1.  
 Pulley, Adjustable V-type. F. C. Torkelson. 2,036,445; Apr. 7.  
 Pulley arrangement, Automatic. G. Roddeweg and C. O. Ball. 2,037,436; Apr. 14.  
 Pulley attachment. E. DeLand. 2,026,673; Jan. 7.  
 Pulley belt control device. E. Dunford. 2,047,362; July 14.  
 Pulley block. T. R. Campbell. 2,060,174; Nov. 10.  
 Pulley, Clothesline. N. Hutchinson. 2,042,102; May 26.  
 Pulley construction. J. W. Charron. 2,054,692; Sept. 15.  
 Pulley. Endless clothesline. G. T. Ellis and R. C. Bratton. 2,057,566; Oct. 13.  
 Pulley for centrifugals and the like, Water cooled. E. Roberts. 2,060,827; Nov. 17.  
 Pulley for tape drives in textile machinery, Tension. C. N. Benson. 2,039,875; May 5.  
 Pulley, Multiple groove expanding. M. Jannin. 2,031,712; Feb. 25.  
 Pulley, Variable speed. I. E. McElroy and R. H. Shadrick. 2,050,358; Aug. 11.  
 Pulley, Ventilated. A. Kimble. 2,057,435; Oct. 13.  
 Pulley, Water cooled friction. E. Roberts. 2,060,826; Nov. 17.  
 Pulp and liquid pump. F. F. Victoria. 2,042,641; June 2.  
 Pulp and white water, Sterilization of. C. T. Henderson. 2,061,031; Nov. 17.  
 Pulp, Apparatus for bleaching. M. F. McCombs and F. W. Decker. 2,065,387; Dec. 22.  
 Pulp article, Molded. M. P. Chaplin. 2,050,206; Aug. 4.  
 Pulp article, Molded. R. L. Emery. 2,053,949; Sept. 8.  
 Pulp, Bleaching. H. John, C. C. LeFebvre, and H. Du Bois. 2,031,485; Feb. 18.  
 Pulp, Bleaching. A. J. Luth, R. A. Nugent, and N. H. Christian. 2,030,384; Feb. 11.  
 Pulp hydrator. H. D. Wells. 2,055,956; Sept. 29.  
 Pulp from straw of graminaceous plants, Manufacturing refined. K. Kodama. 2,026,900; Jan. 7.  
 Pulp, Manufacture of cellulose. P. Delcroix. 2,061,935; Nov. 24.  
 Pulp, Method of and apparatus for cooking. F. W. Adams and G. S. Witham, Jr. 2,038,780; Apr. 28.  
 Pulp preparation, System of. C. D. Altick. 2,035,447; Mar. 31.  
 Pulp process. A. Hoche. 2,058,791-2; Oct. 27.  
 Pulp, Process of treating bleached. G. H. Tomlinson. 2,049,676; Aug. 4.  
 Pulp refining apparatus. W. V. Knoll. 2,061,662; Nov. 24.  
 Pulp separating system. L. T. Murphy. 2,060,685; Nov. 10.  
 Pulp, Treating. A. J. Luth, R. A. Nugent, and N. H. Christian. 2,030,382-3; Feb. 11.  
 Pulping process. F. Olsen. 2,061,205; Nov. 17.  
 Pulps containing rubber substances, Producing. H. C. Fisher and G. Acus. 2,057,331; Oct. 13.  
 Pulsating direct current generator. F. W. Schramm. 2,038,683; Apr. 28.  
 Pulsating screen. J. E. Kennedy. 2,053,341; Sept. 8.  
 Pulsation apparatus. C. G. Suits. 2,040,677; May 12.  
 Pulsator and milk claw, Combination pneumatic. S. J. Erling. 2,045,454; June 23.  
 Pulsator for milking machines. S. J. Erling. 2,051,371; Aug. 18.  
 Pulsator for milking machines. E. A. Forsberg. 2,042,300; May 26.  
 Pulsator, Milking-machine. C. H. Hapgood. 2,039,958; May 5.  
 Pulsator pump, Electrically actuated. C. Ramigé. 2,032,148; Feb. 25.  
 Pulverization. M. Frisch. 2,029,917; Feb. 4.  
 Pulverizer. W. J. Armstrong. 2,045,691; June 30.  
 Pulverizer. H. R. Collins. 2,066,139; Dec. 29.  
 Pulverizer. M. Frisch. 2,042,042; May 26.  
 Pulverizer. M. Godinez. 2,042,254; May 26.  
 Pulverizer. F. M. Her. 2,030,839; Feb. 11.  
 Pulverizer. W. G. Johnson. 2,041,188; May 19.  
 Pulverizer and other devices. G. H. Fraser. 2,040,841; May 19.  
 Pulverizer, Ball mill. M. Frisch. 2,041,287; May 19.  
 Pulverizing and grinding machine, Wheeled. E. M. Nowlin. 2,044,507; June 16.  
 Pulverizing apparatus. J. Ihlefeldt. 2,031,710; Feb. 25.  
 Pulverizing apparatus. R. D. Nichols. 2,038,594; Apr. 28.  
 Pulverizing mill. E. G. Bailey, P. R. Cassidy, and R. M. Hardgrove. 2,042,204; May 26.  
 Pulverizing mill. E. Lundgren. 2,027,782; Jan. 14.  
 Pulverizing plant. W. G. Noack. 2,055,385; Sept. 22.  
 Pulverulent materials, Homogenizing. N. Nielsen. 2,027,697; Jan. 14.



## Pump: See—

- Air pump.  
 Beer pump.  
 Boat pump.  
 Booster pump.  
 Centrifugal fire pump.  
 Centrifugal pump.  
 Chemical pump.  
 Cup and plunger oil well pump.  
 Deep well pump.  
 Diaphragm pump.  
 Diffusion vacuum pump.  
 Displacement pump.  
 Electrical vacuum pump.  
 Electromagnetic pump.  
 Engine fuel pump.  
 Fluid lift pump.  
 Fluid pump.  
 Force pump.  
 Fuel injection pump.  
 Fuel pump.  
 Gasoline dispensing pump.  
 Gear pump.  
 Gravity down stroke pump.  
 Hydraulic pump.  
 Hydrostatic sand pump.  
 Jet pump.  
 Liquid pump.  
 Lubricating pump.  
 Metering pump.  
 Motor operated pump.  
 Nonsanding pump.  
 Oil well casting pump.  
 Oil well pump.  
 Piston pump.  
 Piston spinning pump.  
 Plunger pump.  
 Pneumatic piston pump.  
 Portable pump.  
 Pulp and liquid pump.  
 Pulsator pump.  
 Radial plunger pump.  
 Reciprocating suction pump.  
 Rotary fluid pump.  
 Rotary pump.  
 Rotary type pump.  
 Screw feed centrifugal pump.  
 Screw pump.  
 Self-priming impeller pump.  
 Self priming pump.  
 Slippage reduction pump.  
 Spray pump.  
 Suction and force pump.  
 Tandem valve concrete pump.  
 Toy gasoline pump.  
 Turbine well pump.  
 Vacuum pump.  
 Variable capacity pump.  
 Vertical double action pump.  
 Viscose fluid pump.  
 Water pump.  
 Well pump.
- Pump. E. L. Abramson. 2,034,549; Mar. 17.  
 Pump. E. L. Abramson. 2,056,553; Oct. 6.  
 Pump. B. G. Aldridge. 2,038,155; Apr. 21.  
 Pump. H. Allen. 2,030,041; Feb. 11.  
 Pump. H. Allen and M. T. Works. 2,047,540; July 14.  
 Pump. W. C. Anthony. 2,044,044; June 16.  
 Pump. J. C. Armor. 2,049,794; Aug. 4.  
 Pump. E. W. Austin. 2,046,103; June 30.  
 Pump. W. M. Bell. 2,027,015; Jan. 7.  
 Pump. A. Bohnenblast. 2,048,098; July 21.  
 Pump. A. E. Cotherman. 2,033,328; Mar. 10.  
 Pump. C. W. Dake. 2,044,064; June 16.  
 Pump. L. M. Decker. 2,060,003; Nov. 10.  
 Pump. R. de Stoutz. 2,028,864; Jan. 28.  
 Pump. O. H. Dorer. 2,065,666; Dec. 29.  
 Pump. E. A. Franks. 2,053,027; Sept. 1.  
 Pump. W. J. Gee. 2,049,391; July 28.  
 Pump. S. J. Hamilton. 2,045,851; June 30.  
 Pump. W. B. Harsel. 2,042,784; June 2.  
 Pump. L. E. V. J. Henry. 2,035,159; Mar. 24.  
 Pump. L. Hornbostel. 2,058,230; Oct. 20.  
 Pump. F. B. Horstmann. 2,030,296; Feb. 11.  
 Pump. H. Hueber and E. C. Horton. 2,032,320; Feb. 25.  
 Pump. W. N. Huff. 2,058,455; Oct. 27.  
 Pump. M. W. Hunter. 2,033,577; Mar. 10.  
 Pump. J. P. Johnson. 2,026,739; Jan. 7.  
 Pump. A. A. Lane. 2,055,296; Sept. 22.  
 Pump. I. Larkin. 2,036,340; Apr. 7.  
 Pump. H. R. Lafferty. 2,058,470; Oct. 27.  
 Pump. L. H. Logue. 2,031,609; Feb. 25.  
 Pump. J. L. L. A. A. Moullet. 2,040,667; May 12.  
 Pump. E. M. Pfaufer. 2,037,434; Apr. 14.  
 Pump. E. M. Pfaufer. 2,044,857; June 23.  
 Pump. R. J. S. Pigott. 2,055,587; Sept. 29.  
 Pump. A. O. Price. 2,037,265; Apr. 14.  
 Pump. H. J. Renken and F. P. Thieman. 2,045,024; June 23.  
 Pump. C. A. Ruesenberg. 2,053,783; Sept. 8.  
 Pump. K. Schoene. 2,049,570; Aug. 4.  
 Pump. C. W. Scholfeld. 2,044,594; June 16.  
 Pump. A. F. Sherzer. 2,028,568-9; Jan. 21.  
 Pump. T. W. Smith. 2,044,408; June 16.  
 Pump. J. A. Spencer. 2,050,391; Aug. 11.  
 Pump. I. W. Sprink. 2,028,360; Jan. 21.  
 Pump. C. W. Sproull. 2,046,588; July 7.  
 Pump. G. H. Staup. 2,052,497; Aug. 25.  
 Pump. J. A. Tennant and H. Allen. 2,033,210; Mar. 10.  
 Pump. E. I. Thornton. 2,039,570; May 5.  
 Pump. F. E. Twiss. 2,043,270; June 9.  
 Pump. C. B. Wade. 2,037,607; Apr. 14.  
 Pump. G. H. Woodard. 2,059,675; Nov. 3.  
 Pump. J. Yoxall. 2,055,396; Sept. 22.  
 Pump and compressor. C. W. Berggren. 2,029,554; Feb. 4.  
 Pump and compressor, Rotary. P. M. F. M. Roy. 2,063,194; Dec. 8.  
 Pump and condensing unit, Motor. H. R. Van Deventer. 2,031,080; Feb. 18.  
 Pump and motor. W. Ferris. 2,033,464; Mar. 10.  
 Pump and nozzle for internal combustion engines, Combined fuel injection. J. F. Geiser. 2,052,459; Aug. 25.  
 Pump and the like, Milk. T. Petersen. 2,047,330; July 14.  
 Pump and venturi meter, Drilled-well. W. L. Forward. 2,042,933; June 2.  
 Pump auditing machine, Gas. W. D. Pfeifer and L. Smoot. 2,055,157; Sept. 22.  
 Pump blower, or compressor and the like, Rotary. W. Kieser. 2,042,533; June 2.  
 Pump construction. E. H. Blunt. 2,031,456; Feb. 18.  
 Pump construction. F. L. Dieterich. 2,039,583; May 5.  
 Pump construction. J. F. Eaton. 2,032,838; Mar. 3.  
 Pump construction. I. M. Phillips and P. W. Kalinsey. 2,055,046; Sept. 22.  
 Pump construction. E. G. Staude. 2,065,912; Dec. 29.  
 Pump controlling mechanism. I. G. Jennings. 2,033,032; Mar. 3.  
 Pump equipment, Bore hole. A. C. Potter. 2,034,419; Mar. 17.  
 Pump for aircraft engines, Fuel. F. W. Heckert. 2,060,209; Nov. 10.  
 Pump for artificial silk spinning machines, Gear. O. Bochmann and T. Vollenbroich. 2,041,454; May 19.  
 Pump for artificial silk spinning machines, Gear. O. Bochmann and T. Vollenbroich. 2,049,797; Aug. 4.  
 Pump for compressed liquefied gases. C. F. Tears. 2,028,531; Jan. 21.  
 Pump for corrosive liquids, Rotary. A. O. Russell. 2,060,899; Nov. 17.  
 Pump for dental handpieces, Clean-out. N. M. MacKenzie. 2,039,177; Apr. 28.  
 Pump for Diesel engines with air-free injection, Fuel. W. Köster and A. Dussmann. 2,033,579; Mar. 10.  
 Pump for engines, Supply. M. Hurst. 2,042,004; May 26.  
 Pump for filling machines. L. De Markus. 2,043,578; June 9.  
 Pump for fuel burners. E. J. Lattner. 2,057,783; Oct. 20.  
 Pump for gaseous fluids. C. Barbareschi. 2,044,560; June 16.  
 Pump for internal combustion engines, Fuel. K. J. E. Hesselman. 2,040,847; May 19.  
 Pump for internal combustion engines, Fuel. R. L'Orange. 2,041,422; May 19.  
 Pump for internal combustion engines, Fuel. F. B. Stearns. 2,059,758; Nov. 3.  
 Pump for internal combustion engines, Fuel and like. G. Amery. 2,053,311; Sept. 8.  
 Pump for internal combustion engines, Fuel-injecting. K. Mohr. 2,045,196; June 23.  
 Pump for liquids. K. Schoene. 2,033,852; Mar. 10.  
 Pump for plastic concrete mixtures, Pressure. C. I. Longenecker. 2,056,902; Oct. 6.  
 Pump for refrigerating means. M. W. Kenney and J. D. Jordan. 2,057,381; Oct. 13.  
 Pump for refrigeration apparatus. M. C. Terry. 2,040,507; May 12.  
 Pump for the conveyance of liquids, Piston. M. Hurst. 2,064,750; Dec. 15.  
 Pump head, Power. G. A. Patterson and R. Martin. 2,038,125; Apr. 21.  
 Pump jack. W. E. Cummins. 2,030,282; Feb. 11.  
 Pump jack. J. E. Thomas. 2,037,950; Apr. 21.  
 Pump operating mechanism, Well. E. W. Patterson. 2,049,315; July 28.  
 Pump or compressor. K. J. R. Cocke. 2,064,648; Dec. 15.  
 Pump or compressor, Rotary. W. W. Wishart. 2,030,952; Feb. 18.  
 Pump or motor. E. K. Benedek. 2,032,079; Feb. 25.  
 Pump or motor. W. J. Carey. 2,029,520; Feb. 4.  
 Pump or motor. W. Ernst. 2,041,172; May 19.  
 Pump or motor. W. Ferris. 2,035,647; Mar. 31.  
 Pump or motor. W. Ferris and J. K. Douglas. 2,064,299; Dec. 15.  
 Pump or motor, Balanced gear. W. C. Sieverts. 2,029,742; Feb. 4.  
 Pump or motor construction. L. M. Persons. 2,040,401; May 12.  
 Pump or motor, Fluid pressure. A. Nittka. 2,065,090; Dec. 22.  
 Pump or the like. J. L. Kempthorne. 2,040,178; May 12.  
 Pump or the like and driving means therefor. T. Petersen. 2,047,329; July 14.  
 Pump particularly for reversible flow systems, Multiple. F. V. Brown. 2,057,934; Oct. 20.  
 Pump primer, Centrifugal. B. Skidmore. 2,033,744; Mar. 10.  
 Pump rod assembly. C. E. Suhm and L. S. Ankenbruck. 2,042,078; May 26.  
 Pump stop mechanism for typographical line casting machines. P. Wunsch. 2,029,976; Feb. 4.  
 Pump structure, Centrifugal. A. C. Saxe. 2,061,521; Nov. 17.  
 Pump structure, Lubricant. R. P. Esser. 2,048,736; July 28.  
 Pump unit, Motor. R. T. Cornelius and N. F. Cornelius, Jr. 2,042,510; June 2.  
 Pump unit, Pipe line. A. Arutunoff. 2,034,790; Mar. 24.  
 Pump, Straight line. J. B. Picard. 2,047,490; July 14.  
 Pumping apparatus. A. C. Durdin, Jr. 2,029,765; Feb. 4.  
 Pumping apparatus. R. E. Lamberton. 2,041,717; May 26.  
 Pumping apparatus. W. O. Lum. 2,032,291; Feb. 25.  
 Pumping apparatus. J. A. Smith. 2,037,401; Apr. 14.  
 Pumping device. N. F. A. Picionere. 2,027,879; Jan. 14.  
 Pumping equipment. E. E. Goehring, F. H. Barney, and W. J. Gourley. 2,053,521; Sept. 8.  
 Pumping jack. J. R. Mahan. 2,046,274; June 30.  
 Pumping jack, Straight line. F. Graham. 2,048,119; July 21.  
 Pumping means. A. von Wangenheim. 2,048,982; July 28.  
 Pumping mechanism. E. S. Evans, Jr. 2,036,028; Mar. 31.  
 Pumping mechanism. R. R. Witherell. 2,050,823; Aug. 11.  
 Pumping rod assembly. E. O. Bennett. 2,048,320; July 21.  
 Pumping system. R. S. Quick. 2,038,601; Apr. 28.



- Pumping system for plastic concrete and similar mixtures. C. I. Longenecker. 2,054,022; Sept. 8.
- Pumping unit. J. O. Andree and S. R. Youngblood. 2,046,891; July 7.
- Pumping unit. A. R. Maler. 2,057,533; Oct. 13.
- Pumping unit, Portable. E. W. Hlimberger. 2,044,849; June 23.
- Pumps, Balancing device for well. F. D. Stanley. 2,050,506; Aug. 11.
- Pumps in wells, Method and apparatus for installing. C. J. Coberly. 2,056,418; Oct. 6.
- Punch. G. R. Ahlquist. 2,031,024; Feb. 18.
- Punch. E. Munson. 2,049,075; July 28.
- Punch and holder, Recess forming. V. J. Roddy. 2,029,944; Feb. 4.
- Punch, Can. F. W. Brenner. 2,029,607; Feb. 4.
- Punch, Can. A. G. Hopkins. 2,055,865; Sept. 29.
- Punch, Card. W. W. Lasker. 2,027,917; Jan. 14.
- Punch, Card. C. O. Wellman. 2,063,475; Dec. 8.
- Punch, Double row key. N. S. Welk and D. A. Nevin. 2,062,155; Nov. 24.
- Punch, Hydraulic. F. L. Scott. 2,030,721; Feb. 11.
- Punch, Key. N. S. Welk and D. A. Nevin. 2,062,153; Nov. 24.
- Punch, Key card. D. A. Nevin. 2,041,085; May 19.
- Punch pressing operation. J. A. Eden, Jr. 2,050,045; Aug. 4.
- Punching and riveting machine. H. A. Berliner. 2,056,559; Oct. 6.
- Punching and riveting machine, Combined. W. E. Marchant. 2,063,691; Dec. 8.
- Punching and marking machine. A. A. Lawson. 2,039,321; May 5.
- Punching device. M. Ahlenius. 2,030,346; Feb. 11.
- Punching device. J. W. Bryce. 2,045,977; June 30.
- Punching machine. J. J. Dilks. 2,051,031; Aug. 18.
- Punching machine. U. Kölm. 2,039,806; May 5.
- Punching machine. W. W. Lasker. 2,048,396; July 21.
- Punching mechanism. A. H. Dickinson. 2,030,432; Feb. 11.
- Puncturer and handle, Combination can. C. F. Kaemmerlen and E. J. Willis. 2,054,504; Sept. 15.
- Purifier for drinking water. O. E. Andrus. 2,063,778; Dec. 8.
- Purifying device. G. K. E. H. Stampe. 2,054,890; Sept. 22.
- Purifying treatment for alkali metal phosphate solutions. L. Block and M. Metzger. 2,053,319; Sept. 8.
- Purity of calcium chloride brines, Improving the. P. A. Keene and A. P. Julien. 2,032,702; Mar. 3.
- Purse, Waterproof. J. J. Colletti. 2,039,887; May 5.
- Push button construction. J. Bierenfeld. 2,052,691; Sept. 1.
- Puzzle. W. M. Costigan. 2,043,506; June 9.
- Puzzle. E. B. Strutton. 2,041,030; May 19.
- Puzzle, Cross-word. R. Mitchell. 2,050,498; Aug. 11.
- Puzzle game. G. W. Schilling. 2,052,848; Sept. 1.
- Puzzle-lock. R. Heimers. 2,040,740; May 12.
- Puzzle, Sectional ball. W. H. Peffley. 2,034,830; Mar. 24.
- Pyramidone, Manufacture of. M. N. Dvornikoff. 2,045,588; June 30.
- Pyranthrone, Purifying. J. Ogilvie and M. H. Fleysher. 2,055,699; Sept. 29.
- Pyrethrin concentrate, Preparing a purified. F. B. La Forge and H. L. J. Haller. 2,050,974; Aug. 11.
- Pyrethrin concentrates, Purification of. H. L. J. Haller and F. B. La Forge. 2,044,502; June 16.
- Pyridine and its homologues, Dehydrating. W. E. Fisher. 2,058,435; Oct. 27.
- Pyridine derivatives and making the same. J. Reitmann. 2,064,945; Dec. 22.
- Pyridine derivatives and making them. J. Reitmann. and G. Hecht. 2,064,944; Dec. 22.
- Pyridines and making the same, Tri-fluoro-methyl-phenyl-azo-diamino. M. Engelmann. 2,029,315; Feb. 4.
- Pyridino compounds. M. A. Kunz, K. Koeberle, and G. Kochendoerfer. 2,036,705; Apr. 7.
- Pyrites, Burning of. D. Tyrer. 2,031,801; Feb. 25.
- Pyrites, Process in smelting. A. R. Lindblad. 2,054,941; Sept. 22.
- Pyrites, Treating. J. McCallum and R. T. Schraubstadter. 2,058,480; Oct. 27.
- Pyritic materials, Treatment of. C. R. Arnold and F. N. Moerk. 2,065,547; Dec. 29.
- Pyro-resins, Making. N. K. Chaney and W. B. Dexter. 2,060,035; Nov. 10.
- Pyrolysis of acetic anhydride. P. J. Wiezevich. 2,045,739; June 30.
- Pyrometer. R. Hase. 2,049,260; July 28.
- Pyrometric device. L. deFlores. 2,054,120; Sept. 15.
- Pyrometric device. H. B. and E. O. Henderson. 2,028,507; Jan. 21.
- Pyrolysis of methane. H. M. Smith, P. Grandone, and H. T. Rall. 2,061,597; Nov. 24.
- Pyrophoric igniter. F. C. Wise and W. Greenwood. 2,042,572; June 2.
- Pyrotechnic composition. G. J. Schladt. 2,035,509; Mar. 31.
- Pyrotechnic composition. S. Wiley. 2,033,966; Mar. 17.
- Pyrotechnic device. J. B. Decker. 2,034,976; Mar. 24.
- Pyrotechnic unit. M. W. Fischer and R. L. Graumann. 2,032,357; Mar. 3.
- Py-3-hydroxytetrahydrohydroxynaphthoquinolines. H. Lange and J. H. Helberger. 2,062,458; Dec. 1.
- Quadding and centering device. R. H. Turner. 2,061,529; Nov. 17.
- Quadding and centering device, Automatic. W. R. Harris and H. D. Reese. 2,039,993; May 5.
- Quads or spacers, Apparatus for casting. L. A. Neumann. 2,048,021; July 21.
- Quarrying. J. B. Newsom. 2,050,761; Aug. 11.
- Quarrying tool. W. Haskell. 2,042,447; May 26.
- Quartz crystal, Piezoelectric. R. Lucas. 2,029,729; Feb. 4.
- Quartz piezo-electric element. S. A. Bokovoy. 2,064,288; Dec. 15.
- Queen bee grafting tool. P. W. Pierce. 2,054,993; Sept. 22.
- Quenching machine. J. Gogan. 2,061,070; Nov. 17.
- Quenching machine. I. W. Sprink. 2,062,769; Dec. 1.
- Quick adjustable wrench. W. Jeffres. 2,065,276; Dec. 22.
- Quick release valve. N. G. Cadman. 2,038,162; Apr. 21.
- Quill. L. Pavia. 2,048,619; July 21.
- Quills, Device for cleaning. E. A. McKillop. 2,028,987; Jan. 28.
- Quilting frame. E. E. Pike. 2,030,608; Feb. 11.
- Quinaldines, Production of. M. A. Kunz, G. Kochendoerfer, and K. Koeberle. 2,035,751; Mar. 31.
- Quinine compound and making the same. H. Kaufmann. 2,039,802; May 5.
- Quinine compound and manufacture of same, Practically tasteless. M. Hoffer. 2,039,415; May 5.
- Quinoline compounds. H. Jensch. 2,050,971; Aug. 11.
- Quinoline derivatives. H. Jensch. 2,034,983; Mar. 24.
- Quinone, Making. H. von Bramer and A. C. Ruggles. 2,043,912; June 9.
- Quotation projecting or analogous apparatus. J. A. Spencer. 2,030,900; Feb. 18.
- Rabbit feeder. C. H. Helm. 2,053,994; Sept. 8.
- Race starting device. T. L. Sampsell. 2,062,939; Dec. 1.
- Racing amusement device. C. W. Musser. 2,046,178; June 30.
- Racemic compounds of the 1-hydroxyphenyl-2-amino-propan-1-ol series, Preparing. M. Bockmühl, G. Ehrhart, and L. Stein. 2,061,136; Nov. 17.
- Rack: See—
- |                           |                             |
|---------------------------|-----------------------------|
| Article rack.             | Hose display rack.          |
| Bag rack.                 | Kitchen paper rack.         |
| Banana rack.              | Medicine glass rack.        |
| Book rack.                | Merchandising display rack. |
| Bumper rack.              | Paint rack.                 |
| Cable rack.               | Pan rack.                   |
| Dish-supporting rack.     | Pan Supporting rack.        |
| Display and storage rack. | Pie rack.                   |
| Display rack.             | Shoe rack.                  |
| Drainage rack.            | Spinning and tilting rack.  |
| Dress display rack.       | Supporting rack.            |
| Fire hose rack.           | Sucker rod hanger rack.     |
| Flash-light display rack. | Tie rack.                   |
| Floral rack.              | Towel rack.                 |
| Fowl rack.                | Tray rack.                  |
| Garment holding rack.     | Type rack.                  |
| Grease gun carrier rack.  | Wine dispensing rack.       |
| Grease gun rack.          |                             |
- Rack. R. H. Coons. 2,053,701; Sept. 8.
- Rack. O. Krueger. 2,045,953; June 30.
- Rack. G. S. Moore. 2,026,746; Jan. 7.
- Rack. E. R. Norwood. 2,027,928; Jan. 14.
- Rack. J. E. Renholdt. 2,051,420; Aug. 18.
- Rack. E. T. Stevens. 2,043,841; June 9.
- Rack and lifting device, Vehicle loading. J. S. Wilson, C. W. Millspaugh, and E. G. Overmire. 2,062,244; Nov. 24.
- Rack and support, Rotatable. J. Woda. 2,046,229; June 30.
- Rack and the like, Tie. H. W. Dixon. 2,058,217; Oct. 20.
- Rack attachment, Towel. C. S. Comstock. 2,058,416; Oct. 27.
- Rack bar and pinion. H. Eschenbacher. 2,058,431; Oct. 27.
- Rack for brushes, Display. G. H. Pushee. 2,032,631; Mar. 3.
- Rack for confections. M. Brasfield. 2,043,032; June 2.
- Rack for golf clubs, Display. G. P. Reid. 2,045,023; June 23.
- Rack for lawn mowers, Display. M. E. Ish. 2,064,164; Dec. 15.
- Rack for musical instruments, Storage. W. F. Sherrard. 2,058,184; Oct. 20.
- Rack for seed packages and the like, Display. G. B. Weaver. 2,065,845; Dec. 29.
- Rack for washing machines. G. K. Parsons. 2,046,207; June 30.
- Rack or body for wagons and trucks. M. Smith. 2,039,667; May 5.
- Rack or supporting structure. T. Shaw. 2,046,095; June 30.
- Racket frame. R. J. Nash. 2,046,881; July 7.
- Racket frame. W. F. Reach. 2,029,193; Jan. 28.
- Racket, Lacrosse. G. R. Auer. 2,039,138; Apr. 28.
- Racket string tightening machine. J. Saladino. 2,043,813-14; June 9.
- Radial plain bearing. N. A. Palmgren. 2,029,274; Jan. 28.
- Radial plunger pump. H. F. MacMillin. 2,045,330; June 23.
- Radiant heating device. R. B. Hamilton. 2,051,213; Aug. 18.
- Radiation detector. R. Gunn. 2,028,153; Jan. 21.



- Radiation pyrometer device. B. M. Larsen and W. E. Sherk. 2,054,382; Sept. 15.
- Radiations, Apparatus for measuring. H. C. Rentschler. 2,037,925; Apr. 21.
- Radiator. C. T. Bappler. 2,051,402; Aug. 18.
- Radiator. W. F. Boldt. 2,043,363; June 9.
- Radiator. R. O. Brunst. 2,058,057; Oct. 20.
- Radiator. E. S. Cornell. 2,065,515; Dec. 29.
- Radiator. J. E. Hunt and T. Thornton. 2,036,943; Apr. 7.
- Radiator. H. Katten. 2,051,485; Aug. 18.
- Radiator. W. E. Kuenstler. 2,036,704; Apr. 7.
- Radiator. R. S. Lee. 2,037,861; Apr. 21.
- Radiator. S. Przyborowski. 2,046,791; July 7.
- Radiator. C. J. Sucharski and A. W. Lees. 2,028,298; Jan. 21.
- Radiator. F. M. Young. 2,037,845; Apr. 21.
- Radiator, F. M. Young. 2,058,935; Oct. 27.
- Radiator and mounting. C. A. Hammond. 2,056,318; Oct. 6.
- Radiator, Automobile. S. Przyborowski. 2,066,279; Dec. 29.
- Radiator, Automatic electric. J. G. Dougherty. 2,034,800; Mar. 24.
- Radiator cleaner and leak checker. J. Speranza. 2,035,513; Mar. 31.
- Radiator construction. O. C. Palmer. 2,035,665; Mar. 31.
- Radiator control, Automatic. E. F. Piers. 2,053,104; Oct. 20.
- Radiator controlling device. J. K. Lund. 2,038,435; Apr. 21.
- Radiator, Convection type electric. G. M. Marr. 2,062,466; Dec. 1.
- Radiator core. A. B. Modine. 2,032,065; Feb. 25.
- Radiator core. O. C. Palmer. 2,061,100; Nov. 17.
- Radiator core. L. P. Saunders. 2,063,757; Dec. 8.
- Radiator cover clip. H. J. Reiter. 2,041,514; May 19.
- Radiator, Engine. A. L. R. Bernard. 2,036,996; Apr. 14.
- Radiator fins, Constructing. H. J. Krackowizer. 2,047,207; July 14.
- Radiator, Flue. H. M. Petzold and N. N. Norton. 2,049,720; Aug. 4.
- Radiator front. J. W. Osten. 2,053,576; Sept. 8.
- Radiator grille. C. L. Lewellen. 2,031,324; Feb. 18.
- Radiator, Heat. F. S. White and C. G. Bordeaux. 2,064,187; Dec. 15.
- Radiator, Heat controlling. K. C. Beckett. 2,033,272; Mar. 10.
- Radiator, Ornamental heating. M. Stefanczyk. 2,055,392; Sept. 22.
- Radiator repair and test apparatus. W. A. Berringer. 2,042,380; May 26.
- Radiator shell. G. E. Ireland. 2,033,901; Mar. 10.
- Radiator shell. B. Kirsch. 2,047,637; July 14.
- Radiator shells, Formation of. G. E. Ireland. 2,033,900; Mar. 10.
- Radiator shutter. D. B. Mecorney. 2,033,386; Mar. 10.
- Radiator shutter. J. F. Raleigh. 2,026,653; Jan. 7.
- Radiator structure. C. J. Schlafman. 2,064,386; Dec. 15.
- Radiator support. J. S. Mills. 2,049,714; Aug. 4.
- Radiator supporting device. J. W. Farley. 2,053,987; Sept. 8.
- Radiator tube, Gas-fired. W. M. Hepburn and H. B. Barker. 2,047,471; July 14.
- Radiators and the like, Handling attachment for. F. P. Heller. 2,040,134; May 12.
- Radiators, Heating of. A. C. Freeman. 2,031,882; Feb. 25.
- Radiators, Making fn. W. G. Laird. 2,036,417; Apr. 7.
- Radio advertising means. S. E. Sloss. 2,047,440; July 14.
- Radio aerial system, Duplex. J. G. Aceves. 2,064,400; Dec. 15.
- Radio amplifier with arrangement for electric-phonograph reproduction. P. Mueller. 2,037,258; Apr. 14.
- Radio and improved back therefor. J. Solowinski, Jr. 2,063,527; Dec. 8.
- Radio and wire broadcasting system. W. H. Tidd. 2,048,828; July 28.
- Radio antenna. I. O. Banks. 2,047,092; July 7.
- Radio antenna. A. Massey and H. Hulick. 2,045,398; June 23.
- Radio antenna. W. M. Venable. 2,062,846; Dec. 1.
- Radio antenna device. M. P. Atienza. 2,064,585; Dec. 15.
- Radio antenna unit. W. C. Graves, Jr. 2,039,988; May 5.
- Radio apparatus. A. de Sakhnofsky. 2,056,002; Sept. 29.
- Radio apparatus. A. R. Knight. 2,027,828; Jan. 14.
- Radio apparatus. E. G. Linder. 2,047,930; July 14.
- Radio apparatus. H. P. Pratt. 2,043,517; June 9.
- Radio apparatus. W. A. Schaper. 2,030,271; Feb. 11.
- Radio apparatus. I. Wolff. 2,064,582; Dec. 15.
- Radio apparatus, Multiband. A. C. Grohsgal. 2,064,828; Dec. 22.
- Radio cabinet. W. O. Brown. 2,058,407; Oct. 27.
- Radio cable. E. F. Andrews. 2,064,513; Dec. 15.
- Radio cable, Automobile. D. H. Mitchell. 2,047,152; July 7.
- Radio chassis. J. F. Riley. 2,046,927; July 7.
- Radio circuit. N. L. Keefer. 2,052,880; Sept. 1.
- Radio circuits, Auxiliary reamplification. F. Zidar. 2,034,548; Mar. 17.
- Radio coil and switch assembly. C. L. Walker, D. R. Moatz, and W. R. Allen, 3d. 2,062,253; Nov. 24.
- Radio coil construction. J. Calamita. 2,055,247; Sept. 22.
- Radio communication system. F. Conrad. 2,057,640; Oct. 13.
- Radio communication system, Short wave. G. A. Mathieu. 2,064,481; Dec. 15.
- Radio communication with very short waves. E. Gerhard. 2,060,934; Nov. 17.
- Radio control circuit. L. M. Perkins. 2,054,636; Sept. 15.
- Radio control head. N. A. Karlin. 2,042,061; May 26.
- Radio dial. L. F. Curtis and P. B. Scharf. 2,064,520; Dec. 15.
- Radio direction finder. P. D. Lowell. 2,040,520; May 12.
- Radio direction finder. F. Woods. 2,028,856; Jan. 28.
- Radio direction finding. E. J. Hefele. 2,044,789; June 23.
- Radioelectric transmitter and receiver system with changeable wave-length range. R. Villem and R. Aubert. 2,034,012; Mar. 17.
- Radio frequency choke coil. W. R. Blair and P. E. Watson. 2,034,456; Mar. 31.
- Radio frequency circuits, Tunable. W. van B. Roberts. 2,034,773; Mar. 24.
- Radio frequency control system. A. H. Turner. 2,063,413; Dec. 8.
- Radio frequency distribution system. C. C. Shumard. 2,064,227; Dec. 15.
- Radio frequency oscillator. M. Ferris. 2,037,160; Apr. 14.
- Radio frequency selectivity control, Variable. M. G. Clay. 2,037,498; Apr. 14.
- Radio frequency selector, Automatic. L. S. Stenerson. 2,034,254; Mar. 17.
- Radio goniometer. H. Chireix. 2,059,315; Nov. 3.
- Radiogoniometer, Direct-reading. J. Marique. 2,033,723; Mar. 10.
- Radiographic plate changer. M. Morrison. 2,026,907; Jan. 7.
- Radio navigator. L. A. Warner. 2,051,974; Aug. 25.
- Radioreceiver. L. E. Barton. 2,028,859; Jan. 28.
- Radio receiver. G. L. Beers. 2,053,415; Sept. 8.
- Radio receiver. R. A. Braden. 2,063,295; Dec. 8.
- Radio receiver. W. L. Carlson. 2,058,411; Oct. 27.
- Radio receiver. W. L. Carlson. 2,065,652; Dec. 29.
- Radio receiver. F. Cutting. 2,039,888; May 5.
- Radio receiver. J. Dreyfus. 2,044,759; June 16.
- Radio receiver. L. T. Fowler. 2,043,582; June 9.
- Radio receiver. D. Grimes. 2,038,730; Apr. 28.
- Radio receiver. E. L. Koch. 2,062,888; Dec. 1.
- Radio receiver. H. J. Loftis. 2,037,638; Apr. 14.
- Radio receiver. W. D. Loughlin. 2,062,032; Nov. 24.
- Radio receiver. M. A. McLennan. 2,035,176; Mar. 24.
- Radio receiver. M. A. McLennan. 2,061,736; Nov. 24.
- Radioreceiver. L. M. Perkins. 2,029,033; Jan. 28.
- Radio receiver. K. Posthumus. 2,038,236; Apr. 21.
- Radio receiver. Y. Rocard. 2,064,220; Dec. 15.
- Radio receiver. N. M. Rust and O. E. Keall. 2,058,512; Oct. 27.
- Radio receiver. McM. Silver. 2,062,379; Dec. 1.
- Radio receiver. J. Stüsser. 2,037,946; Apr. 21.
- Radio receiver. A. A. Thomas. 2,056,305; Oct. 6.
- Radio receiver. J. van der Mark. 2,050,819; Aug. 11.
- Radio receiver. L. C. Waller. 2,032,675; Mar. 3.
- Radio receiver. L. Walsh. 2,037,445; Apr. 14.
- Radio receiver. H. A. Wheeler. 2,050,679; Aug. 11.
- Radio receiver. G. M. Wright. 2,056,031; Sept. 29.
- Radio receiver arrangement for landing aircraft. A. Leib. 2,034,520; Mar. 17.
- Radio receiver, Automobile. D. H. Mitchell. 2,047,151; July 7.
- Radio receiver, Automobile. D. H. Mitchell. 2,047,153; July 7.
- Radio receiver control. J. A. Chadkin. 2,039,777; May 5.
- Radio receiver equipment, Combined. H. Lichte, M. Zeh, P. Glass, and K. Schwarz. 2,045,276; June 23.
- Radio receiver for ultra short waves. E. Gerhard. 2,039,897; May 5.
- Radio receiver, Multiple-band. A. Crossley. 2,037,883; Apr. 21.
- Radio receiver, Selective. M. Osnos. 2,038,872; Apr. 28.
- Radio receiver, System for remotely controlling a. A. S. Blatterman. 2,031,555; Feb. 18.
- Radio receiver, Time controlled. S. Christie. 2,061,504; Nov. 17.
- Radio receiver tuning control mechanism. E. H. Bickley. 2,050,555; Aug. 11.
- Radio receiver, Variable-selectivity. A. Crossley. 2,028,534; Jan. 21.
- Radio receiving apparatus. J. W. Alexander. 2,027,951; Jan. 14.
- Radio receiving apparatus. E. P. Garvey. 2,055,431; Sept. 22.
- Radio receiving apparatus. E. A. Gustafson. 2,038,281; Apr. 21.
- Radio receiving apparatus, Automatic. J. L. Cassell. 2,029,909; Feb. 4.
- Radio receiving apparatus, Frequency changing. Y. Rocard. 2,051,104; Aug. 18.
- Radio receiving apparatus, Tuning. C. Kohlsaat. 2,048,872; July 28.
- Radio receiving circuit. H. H. Parker. 2,038,955; Apr. 28.
- Radio receiving circuits. C. C. Taylor. 2,045,735; June 30.
- Radio receiving device with distant control. E. F. Andrews. 2,028,429; Jan. 21.
- Radio receiving set. L. H. Amdur. 2,062,632; Dec. 1.
- Radio receiving set. E. F. Andrews. 2,031,997; Feb. 25.



- Radio receiving set for ultra-short waves. W. Dällenbach. 2,061,242; Dec. 15.
- Radio receiving system. B. J. Chromy. 2,036,187; Apr. 7.
- Radio receiving system. H. F. Dalpayrat. 2,045,700; June 30.
- Radio receiving system. G. R. Eaton and H. M. Armstrong. 2,050,291; Aug. 11.
- Radio receiving system. W. R. Koch. 2,045,300; June 23.
- Radio receiving system. R. E. Mathes. 2,041,846; May 26.
- Radio receiving system. H. J. Nichols, H. C. Forbes, W. S. Harmon, and H. J. Loftis. 2,039,107; Apr. 28.
- Radio receiving system. E. R. Pfaff and C. L. Coon. 2,035,668; Mar. 31.
- Radio receiving system. F. J. Ritter. 2,037,485; Apr. 14.
- Radio receiving system. F. J. Ritter. 2,047,886; July 14.
- Radio receiving system. Y. Rocard. 2,031,736; Feb. 25.
- Radio receiving system. A. W. Stapleton and R. H. Hatfield. 2,044,645; June 16.
- Radio receiving system. J. S. Stone. 2,037,154; Apr. 14.
- Radio receiving system. B. D. H. Tellegen. 2,054,528; Sept. 15.
- Radio receiving system. F. E. Terman. 2,055,737; Sept. 29.
- Radio receiving system. J. van Slooten. 2,062,434; Dec. 1.
- Radio receiving system, Multirange. S. Whisk. 2,062,111; Nov. 24.
- Radio receiving system, Remotely controlled. O. P. Liebreich. 2,035,612; Mar. 31.
- Radio receiving system, Remotely controlled. W. T. Powell. 2,055,363; Sept. 22.
- Radio reception, System for selective. D. L. Grubb. 2,051,845; Aug. 25.
- Radio relaying system. S. G. Frantz and J. Q. Stewart. 2,042,302; May 26.
- Radio repeating system for ultra-short waves. A. B. Crawford. 2,044,061; June 16.
- Radio set, Automobile. E. C. Booth. 2,053,941; Sept. 8.
- Radio set construction. E. C. Booth. 2,056,917; Oct. 6.
- Radio set control. E. C. Booth. 2,063,866; Dec. 8.
- Radio set control means, Remote. W. A. Mullio. 2,052,147; Aug. 25.
- Radio signal receiving system. V. M. Graham. 2,055,790; Sept. 29.
- Radio signal system. L. E. de Neergaard. 2,063,890; Dec. 15.
- Radio signaling. L. Cohen. 2,055,375; Sept. 22.
- Radio signaling apparatus. J. C. Warner. 2,031,441; Feb. 18.
- Radio signaling, Directional. R. K. Potter. 2,030,181; Feb. 11.
- Radio signaling system. L. E. Barton. 2,063,290; Dec. 8.
- Radio signaling system. R. A. Fox. 2,061,699; Nov. 24.
- Radio signaling system. L. M. E. Clausing and J. E. Smith, Jr. 2,028,497; Jan. 21.
- Radio switching device, Timed. J. M. Duling. 2,057,294; Oct. 13.
- Radio system. A. F. Blume. 2,061,416; Nov. 17.
- Radio system. H. T. Friis. 2,041,600; May 19.
- Radio system, Balancing. A. Nyman. 2,052,986; Sept. 1.
- Radio telegraph repeater. H. H. Beverage. 2,034,738; Mar. 24.
- Radio telephone system. W. P. Wilson and F. M. G. Murphy. 2,059,719; Nov. 3.
- Radio testing apparatus. F. Fausett. 2,046,450; July 7.
- Radio transmission, Method for. J. Plebanski. 2,045,796; June 30.
- Radio transmission system. W. Runge and M. Pohontsch. 2,028,880; Jan. 28.
- Radio transmission system, Directional. A. G. Clavier and R. H. Darbord. 2,043,347; June 9.
- Radio transmitter, Duplex. J. Evans. 2,047,622; July 14.
- Radio transmitting stations, Apparatus for identifying short-wave foreign. K. Biegler. 2,066,089; Dec. 29.
- Radio transmitting system. E. H. Armstrong. 2,063,074; Dec. 8.
- Radio transmitting system. G. W. Fyler. 2,065,369; Dec. 22.
- Radio transmitting system. R. A. Heising. 2,028,212; Jan. 21.
- Radio tube. E. C. Handschug. 2,051,169; Aug. 18.
- Radio tube base. W. Makenny. 2,042,950; June 2.
- Radio tube base. W. B. Wallace. 2,033,748; Mar. 10.
- Radio tube grids, Method of and apparatus for producing. H. Kershaw. 2,064,169; Dec. 15.
- Radio tuning and indicating apparatus. E. F. McDonald, Jr. 2,052,238; Aug. 25.
- Radio tuning apparatus. H. R. Guest. 2,033,825; Mar. 10.
- Radio tuning device. J. H. Clark and H. A. Laystrom. 2,049,894; Aug. 4.
- Radio tuning device. N. Nelson. 2,042,956; June 2.
- Radio tuning device. A. A. Thomas. 2,038,321-3; Apr. 21.
- Radio tuning system. G. B. Marsden. 2,031,841; Feb. 25.
- Radio volume control. G. Corbett. 2,032,117; Feb. 25.
- Raft, Log. H. Rutledge. 2,045,875; June 30.
- Rail. P. W. Leisner and B. M. Lockard. 2,056,729; Oct. 6.
- Rail and flange lubricator. S. E. Bates. 2,027,414; Jan. 14.
- Rail and flange lubricator. C. A. Miller. 2,055,939; Sept. 29.
- Rail and pipe line device, Combination. A. Burnett. 2,052,865; Sept. 1.
- Rail bond. E. A. Everett. 2,038,210; Apr. 21.
- Rail bond. A. L. Lee. 2,032,290; Feb. 25.
- Rail bond. P. P. Pipes. 2,034,442; Mar. 17.
- Rail bond installation. H. H. Febrey. 2,050,047; Aug. 4.
- Rail bond terminal. E. J. Fitzgibbon and J. Statz. 2,052,134; Aug. 25.
- Rail brace. W. T. O'Neill. 2,057,160; Oct. 13.
- Rail brace. D. P. Steward and J. V. Stewart. 2,035,929; Mar. 31.
- Rail bracing, Railroad. J. Sutinen. 2,052,041; Aug. 25.
- Rail car wheel. C. L. Eksergian and P. E. Baker. 2,032,051; Feb. 25.
- Rail car wheel. J. Ledwinka. 2,039,727; May 5.
- Rail, Continuous. W. Dalton. 2,047,007; July 7.
- Rail, Continuous. A. Rape. 2,051,224; Aug. 18.
- Rail, Cushioned car. C. Saurer. 2,045,253; June 23.
- Rail fastening. T. Maney. 2,057,963; Oct. 20.
- Rail fastening. F. Müller. 2,039,181; Apr. 28.
- Rail fastening. R. Rafflenbeul. 2,044,446; June 16.
- Rail flange lubricator. C. Stern, D. W. Davis, and H. C. Gillespie. 2,047,600; July 14.
- Rail-flaw detector. A. E. F. Billstein. 2,060,458; Nov. 10.
- Rail flaw detector mechanism. H. C. Drake. 2,036,856-7; Apr. 7.
- Rail flaw detector mechanism. H. C. Drake. 2,049,764; Aug. 4.
- Rail flaw detector mechanism. W. M. Perry. 2,056,291; Oct. 6.
- Rail flaw detector mechanism. C. E. Roede. 2,036,829; Apr. 7.
- Rail, Foldable kneeling. W. D. Gallagher. 2,057,944; Oct. 20.
- Rail gauging device, Railroad. J. T. Fulbright. 2,036,750; Apr. 7.
- Rail grinding machine. R. Faries and J. G. Hartley. 2,035,154; Mar. 24.
- Rail grinding machine. A. S. Kalenborn. 2,032,419; Mar. 3.
- Rail, Guard. G. A. Gleason and A. P. Hayden. 2,035,155; Mar. 24.
- Rail handling and treatment, Process and apparatus for. Q. Bent and E. F. Kenney. 2,029,286; Feb. 4.
- Rail heating apparatus. R. E. Frickey and A. S. Kalenborn. 2,062,569; Dec. 1.
- Rail heating method. R. E. Frickey. 2,060,985; Nov. 17.
- Rail inspection apparatus. C. W. La Pierre and R. F. Edgar. 2,036,814; Apr. 7.
- Rail joint. R. F. Bolam. 2,042,089; May 26.
- Rail joint. A. E. Hill. 2,036,633; Apr. 7.
- Rail joint. G. Langford. 2,034,044; Mar. 17.
- Rail joint. G. Langford. 2,060,996; Nov. 17.
- Rail joint. A. Mathée. 2,057,663; Oct. 20.
- Rail joint. N. L. Tilley. 2,052,502; Aug. 25.
- Rail joint bars, Making. G. Langford. 2,034,045; Mar. 17.
- Rail joint bars, Reforming. G. Langford. 2,034,043; Mar. 17.
- Rail joint bars, Reforming. G. Langford. 2,034,046; Mar. 17.
- Rail joint bars, Reforming worn. G. Langford. 2,060,328; Nov. 10.
- Rail joint bars, Shaping. G. Langford. 2,063,386; Dec. 8.
- Rail joint, Fished. N. Vryens. 2,033,660; Mar. 10.
- Rail joint in track, Repairing a. G. Langford. 2,030,704; Feb. 11.
- Rail joint, Repairing a. G. Langford. 2,063,387; Dec. 8.
- Rail joint testing instrument. A. E. Hill. 2,054,378; Sept. 15.
- Rail jointing means. H. Maynard. 2,035,085; Mar. 24.
- Rail joints in track, Repair of. G. Langford. 2,059,529; Nov. 3.
- Rail lubricator. W. C. Heidenthal. 2,059,235; Nov. 3.
- Rail lubricator. R. S. Mennie. 2,029,828; Feb. 4.
- Rail, Overhead. F. Spurrier. 2,061,857; Nov. 24.
- Rail, Railway. L. Brunetti. 2,055,571; Sept. 29.
- Railroad crossing signal. F. H. Carroll. 2,042,879; June 2.
- Railroad highway crossing. C. L. George. 2,048,157; July 21.
- Railroad mounting for portables. A. M. Stenger. 2,048,523; July 21.
- Railroad signal. W. L. Coleman. 2,061,349; Nov. 17.
- Railroad signal. A. H. Told. 2,030,190; Feb. 11.
- Railroad switch heater. F. F. Zavatkay. 2,048,533; July 21.
- Rail securing device, Third. W. C. Banks. 2,035,445; Mar. 31.
- Rail shift mechanism for linecasting and composing machine. L. M. Walden. 2,029,400; Feb. 4.
- Rail, Streamer line. C. E. Ashton. 2,028,750; Jan. 28.
- Rail support for Venetian blinds, Tilt. M. L. Wiener and W. F. Nelsen. 2,038,776; Apr. 28.
- Rail support, Railway. H. Etheridge. 2,037,219; Apr. 14.
- Rail support, Railway. H. Etheridge. 2,037,315; Apr. 14.
- Rail supporting and securing means. L. B. Armstrong. 2,040,824; May 19.
- Rail supporting device, Third. W. C. Banks. 2,048,367; July 21.
- Rail teetering apparatus. A. E. F. Billstein. 2,034,280; Mar. 17.
- Rail testing method. E. F. Kenney, R. B. Gerhardt, and R. E. Dudley. 2,032,989; Mar. 3.



- Railway brake. I. Matrossoff. 2,028,404; Jan. 21.  
 Railway car brake. M. P. Blomberg and M. E. Shaver. 2,037,755; Apr. 21.  
 Railway car coupling. H. Jakobs. 2,048,867; July 28.  
 Railway car type container. C. H. Williamson. 2,049,989; Aug. 4.  
 Railway communicating system. P. N. Bossart. 2,064,640; Dec. 15.  
 Railway communication systems, Apparatus for. A. J. Sorensen. 2,040,412; May 12.  
 Railway, Electric. W. O. Hopkins. 2,041,607; May 19.  
 Railway frog. J. E. Conley. 2,044,283; June 16.  
 Railway line. M. A. Loré. 2,028,401; Jan. 21.  
 Railway maintenance equipment. A. Wallace. 2,049,401; July 28.  
 Railway sleeper. J. J. Rey. 2,056,484; Oct. 6.  
 Railway switch. S. E. Tracy. 2,039,200; Apr. 28.  
 Railway track gauge. A. E. Mauzin. 2,042,614; June 2.  
 Railway traffic controlling system. S. N. Wight. 2,055,979; Sept. 29.  
 Railway vehicle brake. A. Huguenin. 2,034,815; Mar. 24.  
 Rail wheel. O. Hacker. 2,027,302; Jan. 7.  
 Rails, Apparatus for bonding. P. P. Pipes. 2,027,614; Jan. 14.  
 Rails, Apparatus for bonding. P. P. Pipes. 2,045,333; June 23.  
 Rails for vehicles running on rails. M. Kahn. 2,057,955; Oct. 20.  
 Rails, Making of railroad. F. F. Cramer and H. H. Locke. 2,032,738; Mar. 3.  
 Rails, Reworking. C. J. Miller. 2,040,494; May 12.  
 Raincoat. R. Edelson. 2,057,713; Oct. 20.  
 Rainwater trap. H. P. Pearce. 2,030,467; Feb. 11.  
 Raisin treatment method and apparatus. T. W. W. Forrest. 2,032,406; Mar. 3.  
 Raisins for packing, Preparing. R. D. Robinson and W. H. Noland. 2,054,949; Sept. 22.  
 Rake. C. H. Dennis. 2,055,521; Sept. 29.  
 Rake. J. Honn. 2,036,807; Apr. 7.  
 Rake. H. J. Kuhlman. 2,045,394; June 23.  
 Rake. F. S. Lee. 2,052,885; Sept. 1.  
 Rake. W. G. Rocquin. 2,030,183; Feb. 11.  
 Rake. L. O. E. Roessel. 2,049,868; Aug. 4.  
 Rake. J. F. Rose. 2,033,451; Mar. 10.  
 Rake. H. E. Schulz. 2,056,411; Oct. 6.  
 Rake. W. N. Swanson. 2,049,595; Aug. 4.  
 Rake bar and tooth mounting. E. Dubain. 2,040,689; May 12.  
 Rake, Broom. C. H. Kaufman. 2,049,205; May 12.  
 Rake, Clam. G. A. Dippel. 2,035,799; Mar. 31.  
 Rake cleaner attachment. W. D. Havens and W. A. Cryne. 2,049,542; Aug. 4.  
 Rake construction, Flexible. L. Potemkin. 2,055,986; Sept. 29.  
 Rake, Double acting garden. E. H. Rucklos. 2,030,321; Feb. 11.  
 Rake for canals, Moss. A. Pearson. 2,065,733; Dec. 29.  
 Rake, Lawn. F. H. Reichard. 2,032,954; Mar. 3.  
 Rake, Lawn. N. H. Sherman. 2,065,830; Dec. 29.  
 Rake, Magnetic. C. D. Parkhill. 2,056,906; Oct. 6.  
 Rake, Metal. C. Greenwood. 2,066,036; Dec. 29.  
 Rake, Sand trap. E. J. Bacigalupi. 2,030,424; Feb. 11.  
 Rake, Side delivery. A. E. W. Johnson. 2,028,332; Jan. 21.  
 Rake, Side delivery hay. R. B. Hitchcock. 2,040,692; May 12.  
 Rakes, forks, and the like, Forming. F. Bishop. 2,039,771; May 5.  
 Ram. E. Kiecksee. 2,031,535; Feb. 18.  
 Ram, Power. R. Dornfeld and K. Haage. 2,054,851; Sept. 22.  
 Range. H. T. Burrow. 2,032,252; Feb. 25.  
 Range. W. A. Busiek. 2,032,048; Feb. 25.  
 Range. A. W. Walker and R. W. Rogers. 2,041,310; May 19.  
 Range. G. D. Wilkinson and E. D. Pellegrin. 2,028,636; Jan. 21.  
 Range. G. D. Wilkinson and E. D. Pellegrin. 2,063,647; Dec. 8.  
 Range and automatic lighter therefor, Gas. F. A. Gauger. 2,048,065; July 21.  
 Range burner. R. M. Sherman and F. F. Neumann. 2,032,333; Feb. 25.  
 Range, Combination. H. Lange. 2,063,846; Dec. 8.  
 Range, Combined. W. Bennett. 2,043,316; June 9.  
 Range construction. J. Teller and A. P. Schulz. 2,044,516; June 16.  
 Range construction, Cooking. J. Teller and A. P. Schulz. 2,029,449; Feb. 4.  
 Range control system. F. S. Wheeler. 2,044,140; June 16.  
 Range cover. W. E. Huenefeld. 2,050,532; Aug. 11.  
 Range, Electric. A. Barnsteiner. 2,063,975; Dec. 15.  
 Range, Electric. W. T. Bradbury. 2,055,246; Sept. 22.  
 Range, Electric. E. H. Lockwood. 2,042,233; May 26.  
 Range, Electric cooking. L. W. Bentley. 2,043,879; June 9.  
 Range finder. J. E. Woodbury. 2,057,549; Oct. 13.  
 Range finder, Base type. J. Mihalyi. 2,058,484; Oct. 27.  
 Range finder focusing attachment for folding cameras. A. Lingg and P. Frost. 2,045,037; June 23.  
 Range finder for cameras. J. Mihalyi. 2,029,932; Feb. 4.  
 Range finding and flight directing apparatus for use in aircraft. A. Procoff-Seyersky. 2,027,349; Jan. 7.  
 Range finding, horizontal angle measuring, and angle of site instrument. J. T. Zak. 2,048,722; July 28.  
 Range, Gas. W. D. Antrim. 2,064,713-14; Dec. 15.  
 Range, Gas. E. L. Baker. 2,033,369; Mar. 10.  
 Range, Gas. F. J. Bast and R. A. Skinner. 2,063,834; Dec. 8.  
 Range, Gas. B. E. Meacham. 2,055,384; Sept. 22.  
 Range, Gas. R. D. Wells. 2,038,329; Apr. 21.  
 Range indicating system, Multiload. R. W. Dinzl. 2,055,787; Sept. 29.  
 Range of wind instruments, Increasing the. P. B. Limina. 2,062,792; Dec. 1.  
 Range, Oil. W. C. Lindemann and G. C. Lorenz. 2,049,506; Aug. 4.  
 Range or similar appliance, Gas. B. E. Meacham. 2,040,011; May 5.  
 Range structure, Gas. B. Pratt and G. F. Weinreich. 2,059,534; Nov. 3.  
 Range, table, and cabinet, Combination cooking. E. V. Coulston. 2,044,154; June 16.  
 Ranges, Top and flue for. W. H. Frick. 2,045,075; June 23.  
 Rasp. J. S. Reid. 2,058,912; Oct. 27.  
 Rasp, Tire. J. W. Scott. 2,032,507; Mar. 3.  
 Ratchet device. M. J. Clabby. 2,048,538; July 21.  
 Ratchet mechanism. R. E. Campbell. 2,062,805; Dec. 1.  
 Ratchet socket wrench, Adjustable. J. Ciranni and A. Gauntner, Jr. 2,047,924; July 14.  
 Rate of climb indicator. E. Horn. 2,056,354; Oct. 6.  
 Rate of climb instruments. A. Urfer. 2,031,803; Feb. 25.  
 Rate of flow gauge. E. Clymer. 2,047,854; July 14.  
 Rate recording attachment for integrating meters. F. S. Brainard. 2,057,228; Oct. 13.  
 Ratio between separated constituents in a centrifugal separator, Means to control the. A. L. Stigen. 2,055,915; Sept. 29.  
 Ratio control for transmission mechanism. H. J. Kirschner and W. D. Gove. 2,057,151; Oct. 13.  
 Ratio mechanism for automobiles, Dual. C. M. Wert. 2,046,282; June 30.  
 Ratio transmission device, Variable. S. C. Winger. 2,035,582; Mar. 31.  
 Ray treating device, Active. H. M. Creighton and E. C. Berndt. 2,065,054; Dec. 22.  
 Rayon, Making of. E. J. R. Beatty. 2,046,670; July 7.  
 Rayon, Making of. E. J. R. Beatty. 2,058,551; Oct. 27.  
 Rayon manufacture. W. H. Furness. 2,047,466; July 14.  
 Rayon, Method and apparatus for treating. L. S. Fryer. 2,038,036; Apr. 21.  
 Rayon packages, Use in spinning and in liquid treating tubular. C. A. Huttlinger. 2,065,526; Dec. 29.  
 Rayon, Producing. C. A. Huttlinger and E. R. Timlowski. 2,064,118; Dec. 15.  
 Rayon, Producing. E. Kline. 2,042,944; June 2.  
 Rayon, Soft-luster. R. S. Bley. 2,030,740; Feb. 11.  
 Rayon, Spinning. E. R. McKee and A. S. Hunter. 2,060,097; Nov. 10.  
 Rayon spinning and processing machine, Continuous. P. E. Harrison. 2,041,338; May 19.  
 Rayon, Treating. T. McConnell. 2,064,985; Dec. 22.  
 Razor. W. H. Camfield. 2,050,244; Aug. 11.  
 Razor. E. T. Fry. 2,036,749; Apr. 7.  
 Razor. J. L. Kleinman. 2,057,493; Oct. 13.  
 Razor. L. K. Kuhl. 2,030,703; Feb. 11.  
 Razor. R. W. Meyer. 2,066,214; Dec. 29.  
 Razor. J. R. Pamplin. 2,051,343; Aug. 18.  
 Razor. W. T. Parkin. 2,060,687; Nov. 10.  
 Razor. O. V. Rodrigues. 2,048,565; July 21.  
 Razor and blade combination, Safety. W. G. Adams. 2,039,047; Apr. 28.  
 Razor and blade, Four-sided safety. M. Falk. 2,047,553; July 14.  
 Razor and blade magazine, Safety. N. Testi. 2,050,395; Aug. 11.  
 Razor and blade magazine therefor. O. V. Rodrigues. 2,065,748; Dec. 29.  
 Razor and blade, Safety. R. Ern. 2,045,222; June 23.  
 Razor and blade, Safety. A. Kulisek. 2,036,057; Mar. 31.  
 Razor and blade, Safety. J. Martorell. 2,052,785; Sept. 1.  
 Razor and blade, Safety. A. Ragan, Jr. 2,033,589; Mar. 10.  
 Razor and blade, Safety. S. C. Stampleman. 2,051,656; Aug. 18.  
 Razor and blade, Safety. N. Testi. 2,061,721; Nov. 24.  
 Razor and blade therefor, Safety. E. Jorgensen. 2,054,220; Sept. 15.  
 Razor and blade therefor, Safety. G. E. Mignon. 2,066,215; Dec. 29.  
 Razor and blade therefor, Safety. M. H. Page. 2,050,371; Aug. 11.  
 Razor and blade therefor, Safety. H. W. Sanford. 2,048,625; July 21.  
 Razor and razor blade. W. I. Ohmer. 2,056,408; Oct. 6.  
 Razor and razor blade, Safety. D. B. Hadjopoulos. 2,043,998; June 16.  
 Razor and sharpener, Combined safety. B. H. Savage. 2,036,722; Apr. 7.  
 Razor assembly. W. Bowers. 2,064,102; Dec. 15.  
 Razor attachment. C. F. Ern. 2,029,160; Jan. 28.  
 Razor blade. M. B. Behrman. 2,051,160; Aug. 18.  
 Razor blade. J. E. McWilliams. 2,033,725; Mar. 10.  
 Razor blade. P. N. Peters. 2,041,778; May 26.  
 Razor blade. R. E. Thompson. 2,030,833; Feb. 11.  
 Razor blade and the like and the production thereof, Safety. A. J. Claisse. 2,065,654; Dec. 29.



- Razor blade holder. D. E. Leahy. 2,041,003; May 19.  
 Razor blade holder. T. A. Nichols. 2,053,625; Sept. 8.  
 Razor blade holder. M. Turnquist. 2,046,435; July 7.  
 Razor blade holder, Safety. W. Easton. 2,061,900; Nov. 24.  
 Razor blade packaging machine. M. J. Milmo. 2,029,933; Feb. 4.  
 Razor blade reconditioning device. C. L. Willcox. 2,061,444; Nov. 17.  
 Razor blade, Safety. L. Becker and A. Storch. 2,035,110; Mar. 24.  
 Razor blade, Safety. H. J. Gaisman. 2,045,184; June 23.  
 Razor blade sharpening fixture. F. E. Dare. 2,063,539; Dec. 8.  
 Razor blade shield, Safety. R. S. Pearson. 2,049,718; Aug. 4.  
 Razor blades, Appliance for stropping safety. C. Klopfenstein and V. A. Stewart. 2,034,239; Mar. 17.  
 Razor blades, Manufacture of safety. H. L. Claisse. 2,038,415; Apr. 21.  
 Razor, Electric safety. G. Biniek. 2,040,683; May 12.  
 Razor, Electric sanitary safety. J. Sonne. 2,052,495; Aug. 25.  
 Razor, Electrically heated safety. T. J. and L. Henderson. 2,063,808; Dec. 8.  
 Razor, hone strap, and container, Safety. H. A. Kaufmann. 2,057,530; Oct. 13.  
 Razor, Magazine. O. V. Rodrigues and L. Kuhn. 2,060,243; Nov. 10.  
 Razor, Safety. W. G. Adams. 2,047,608; July 14.  
 Razor, Safety. S. H. Benjamin. 2,048,489; July 21.  
 Razor, Safety. M. J. Biocina. 2,064,811; Dec. 22.  
 Razor, Safety. D. A. Birrell. 2,064,878; Dec. 22.  
 Razor, Safety. W. H. Black. 2,031,455; Feb. 18.  
 Razor, Safety. W. Brown. 2,037,849; Apr. 21.  
 Razor, Safety. E. Calogero. 2,036,116; Mar. 31.  
 Razor, Safety. A. S. Carlson. 2,064,884; Dec. 22.  
 Razor, Safety. W. Chodaczok. 2,053,550; Sept. 8.  
 Razor, Safety. J. Crane. 2,065,267; Dec. 22.  
 Razor, Safety. S. Dabroski. 2,055,837; Sept. 29.  
 Razor, Safety. C. Dixon and H. J. W. Raphael. 2,036,926-7; Apr. 7.  
 Razor, Safety. H. J. Gaisman. 2,034,340; Mar. 17.  
 Razor, Safety. E. Geissler. 2,052,395; Aug. 25.  
 Razor, Safety. R. P. Harshberger. 2,056,186; Oct. 6.  
 Razor, Safety. I. Hartmann, née Böhm. 2,054,287; Sept. 15.  
 Razor, Safety. I. Hartmann, née Böhm. 2,054,418; Sept. 15.  
 Razor, Safety. O. J. Herb. 2,065,585; Dec. 29.  
 Razor, Safety. R. John. 2,044,698; June 16.  
 Razor, Safety. E. E. Johnson, Jr. 2,060,321; Nov. 10.  
 Razor, Safety. L. B. Lane. 2,040,009; May 5.  
 Razor, Safety. C. C. Larsen. 2,046,470; July 7.  
 Razor, Safety. J. E. McWilliams. 2,038,230; Apr. 21.  
 Razor, Safety. J. E. McWilliams. 2,041,564; May 19.  
 Razor, Safety. J. F. Mellen. 2,031,223; Feb. 18.  
 Razor, Safety. J. M. Moses. 2,032,999; Mar. 3.  
 Razor, Safety. J. Muros. 2,043,837; June 9.  
 Razor, Safety. J. Muros. 2,048,020; July 21.  
 Razor, Safety. J. Muros. 2,048,559; July 21.  
 Razor, Safety. J. Muros. 2,048,560; July 21.  
 Razor, Safety. J. Muros. 2,060,520; Nov. 10.  
 Razor, Safety. B. F. Nicoll, Sr. 2,044,222; June 16.  
 Razor, Safety. B. R. Nyhagen. 2,033,995; Mar. 17.  
 Razor, Safety. F. M. S. Pennachini. 2,063,523; Dec. 8.  
 Razor, Safety. F. A. Pica. 2,037,588; Apr. 14.  
 Razor, Safety. H. E. Ramsay. 2,049,865; Aug. 4.  
 Razor, Safety. O. V. Rodrigues. 2,058,633; Oct. 27.  
 Razor, Safety. G. W. Rydner. 2,037,927; Apr. 21.  
 Razor, Safety. A. G. Ryley. 2,060,445; Nov. 10.  
 Razor, Safety. C. Sabiers. 2,059,172; Oct. 27.  
 Razor, Safety. F. F. Schlattau. 2,030,766; Feb. 11.  
 Razor, Safety. E. Schodlbauer. 2,030,658; Feb. 11.  
 Razor, Safety. H. R. Segal. 2,037,180; Apr. 14.  
 Razor, Safety. C. A. Smith. 2,062,683; Dec. 1.  
 Razor, Safety. T. L. Smith and N. Testi. 2,043,124; June 2.  
 Razor, Safety. C. B. Stair. 2,044,189; June 16.  
 Razor, Safety. W. F. Steinmetz and S. Rothschild. 2,053,642; Sept. 8.  
 Razor, Safety. L. J. Strauss. 2,033,262; Mar. 10.  
 Razor, Safety. H. Swan. 2,046,219; June 30.  
 Razor, Safety. E. E. Taylor. 2,046,709; July 7.  
 Razor, Safety. G. Taylor. 2,040,345; May 12.  
 Razor, Safety. G. Taylor. 2,046,006; June 30.  
 Razor, Safety. N. Testi. 2,058,529; Oct. 27.  
 Razor, Safety. N. Testi. 2,061,720; Nov. 24.  
 Razor, Safety. W. F. Vaughan. 2,050,399; Aug. 11.  
 Razor, Safety. W. Vonschott. 2,027,213; Jan. 7.  
 Razor, Safety. C. L. Willcox. 2,061,445; Nov. 17.  
 Razor, Safety. J. G. Wolfe. 2,048,419; July 21.  
 Razor, Self sharpening. H. De Haven. 2,032,739; Mar. 3.  
 Razor, Self sharpening. H. A. Mead. 2,057,202; Oct. 13.  
 Razor, Self-sharpening safety. T. J. Pilliod and F. C. Müller. 2,041,680; May 19.  
 Razor, Self-sharpening safety. T. J. Pilliod and F. C. Müller. 2,045,365-6; June 23.  
 Razor, Self-sharpening safety. T. J. Pilliod and F. C. Müller. 2,059,744; Nov. 3.  
 Razor stropping device. C. J. Lawrence. 2,048,798; July 28.  
 Razor stropping device. C. H. Stauffer. 2,061,858; Nov. 24.  
 Razor with continuous blades, Safety. N. K. Fougner. 2,048,251; July 21.  
 Razor with rotary drive, Safety. G. Biniek. 2,042,293; May 26.  
 Razor with sliding actuator plate. W. T. Parkin. 2,060,635; Nov. 10.  
 Reactance clutch. A. Y. Dodge. 2,039,148; Apr. 28.  
 Reaction apparatus and assembly of same. R. H. Ham-mell. 2,045,596; June 30.  
 Reaction chamber for reactions of magnetic substances with fluids. R. Gahl. 2,048,113; July 21.  
 Reaction chamber for the treatment of material, Arrangement of the. W. Kangro and A. Lindner. 2,037,241; Apr. 14.  
 Reaction product and making same. C. Ellis. 2,033,131; Mar. 10.  
 Reaction product and making same, Diene type. C. Ellis. 2,033,132; Mar. 10.  
 Reaction product of hydroated aluminum oxide and gluconic acid, Preparing the. R. Pasternack and W. R. Giles. 2,042,019; May 26.  
 Reaction products of amines with strong polybasic mineral acids. H. Ulrich, P. Koerding, and J. Nusslein. 2,063,963; Dec. 15.  
 Reactionless valve. P. W. Koch. 2,039,599; May 5.  
 Reactive compounds of unsaturated oil and producing the same. J. S. Long and G. F. Beal. 2,059,260; Nov. 3.  
 Reagent distributor. W. F. Knebusch and F. Hillix. 2,054,087; Sept. 15.  
 Reagent for water purification and producing same. O. M. Urbain and W. R. Stemen. 2,029,966; Feb. 4.  
 Reamer. W. J. Greenleaf. 2,037,466; Apr. 14.  
 Reamer. E. Koppl. 2,033,638; Mar. 10.  
 Reamer. J. W. MacClatchie. 2,028,910; Jan. 28.  
 Reamer. E. J. Pohlman. 2,063,753; Dec. 8.  
 Reamer. C. E. Reed. 2,058,628; Oct. 27.  
 Reamer. J. C. Wright. 2,056,498; Oct. 6.  
 Reamer, Adjustable burnishing. R. R. Bishton. 2,030,846; Feb. 18.  
 Reamer for die stocks, Adjustable. J. E. Forndran. 2,037,224; Apr. 14.  
 Reamer for oil, gas, and other wells, Rotary. E. Bigler. 2,061,057; Nov. 17.  
 Reaming and tapping tool, Combined. J. W. Pace. 2,060,949; Nov. 17.  
 Reaper-binder. C. F. and C. E. Tremouroux. 2,041,981; May 26.  
 Rear sight. T. J. Heavey. 2,034,719; Mar. 24.  
 Rear vision device for vehicles. F. W. Reisert. 2,065,745; Dec. 29.  
 Reboiler and condenser. L. S. Twomey. 2,044,372; June 16.  
 Rebound device. C. E. Caestecker. 2,052,079; Aug. 25.  
 Receiver. M. G. Crosby. 2,064,106; Dec. 15.  
 Receiver control. M. A. Rabkin. 2,040,531; May 12.  
 Receiver especially for ultra-short waves. M. Ponte. 2,045,995; June 30.  
 Receiver for spent shuttles. R. G. Turner. 2,062,687; Dec. 1.  
 Receiver for ultra short waves. H. E. Hollmann. 2,033,937; Mar. 17.  
 Receiver of high frequency electrical energy. S. Y. White. 2,032,782; Mar. 3.  
 Receiver selectivity and amplification control. W. V. Roberts. 2,051,898; Aug. 25.  
 Receiving and transferring device. J. C. McLean. 2,029,781; Feb. 4.  
 Receiving apparatus for television. R. Barthelemy. 2,050,411; Aug. 11.  
 Receiving channel assignor. H. H. Haglund. 2,057,680; Oct. 20.  
 Receiving means. R. W. George. 2,035,745; Mar. 31.  
 Receiving set control system. H. Horelick. 2,048,742; July 28.  
 Receiving system. H. H. Beverage. 2,028,860; Jan. 28.  
 Receiving system. R. A. Braden. 2,046,765; July 7.  
 Receiving system. M. G. Crosby. 2,042,831; June 2.  
 Receiving system. M. G. Crosby. 2,060,611; Nov. 10.  
 Receiving system. R. E. Mathes. 2,066,047; Dec. 29.  
 Receiving system adapted to practice secret communication method. H. O. Roosenstein. 2,034,775; Mar. 24.  
 Receiving system for frequency modulated oscillations. H. J. J. M. de Regnaud de Bellescize. 2,040,980; May 19.  
 Receptacle: See—  
 Ash receptacle.  
 Attachment plug receptacle.  
 Bird feed receptacle.  
 Bottle receptacle.  
 Catamenial receptacle.  
 Coin receptacle.  
 Color receptacle.  
 Cooking receptacle.  
 Covered receptacle.  
 Dental waste receptacle.  
 Dispensing receptacle.  
 Display receptacle.  
 Double-walled vacuum receptacle.  
 Drainage receptacle.  
 Duplex receptacle.  
 Electric receptacle.  
 Electrical contact receptacle.  
 Electrical receptacle.  
 Flexible pocket receptacle.  
 Folding receptacle.  
 Fuse and switch receptacle.  
 Fused wall receptacle.  
 Gripping receptacle.  
 Heat insulated receptacle.  
 Laundry receptacle.  
 Money receptacle.  
 Mothproof storage receptacle.  
 Needle receptacle.  
 Nonrefillable receptacle.  
 Outlet receptacle.  
 Paper receptacle.



## Receptacle: See—

Plant receptacle. Shipping and/or storing receptacle.  
 Protective receptacle. Soap receptacle.  
 Refrigerated receptacle. Storage receptacle.  
 Safety delivery receptacle. Vacuum cleaner receptacle.  
 Shipping and dispensing receptacle. Waste receptacle.  
 Receptacle. J. Barth. 2,039,764; May 5.  
 Receptacle. R. V. Erk. 2,054,373; Sept. 15.  
 Receptacle. G. S. Frost. 2,036,572; Apr. 7.  
 Receptacle. H. A. Hampe. 2,049,373; July 28.  
 Receptacle. L. J. Johnson. 2,041,349; May 19.  
 Receptacle. L. A. Marcus. 2,051,006; Aug. 11.  
 Receptacle. G. M. Poppe. 2,060,470; Nov. 10.  
 Receptacle. J. J. Reinhold. 2,032,717; Mar. 3.  
 Receptacle. W. P. Schickel. 2,063,525; Dec. 8.  
 Receptacle. L. J. Sigl. 2,050,862; Aug. 11.  
 Receptacle. M. H. Sommer. 2,057,254; Oct. 13.  
 Receptacle. F. E. Wakefield. 2,053,212; Sept. 1.  
 Receptacle. J. Weber. 2,058,745; Oct. 27.  
 Receptacle and closure. W. Lockhart. 2,049,849; Aug. 4.  
 Receptacle and closure therefor. A. L. Merolle. 2,063,615; Dec. 8.  
 Receptacle and closure therefor, Metallic. H. R. Hawgood. 2,049,906; Aug. 4.  
 Receptacle and closure therefor, Metallic. W. Lockhart. 2,049,848; Aug. 4.  
 Receptacle and closure therefor, Paper. J. J. Schmerler. 2,041,375; May 19.  
 Receptacle and coating surfaces thereof, Cedar. E. C. Crocker. 2,058,571; Oct. 27.  
 Receptacle and conveyor, Coin. F. A. Marchioni. 2,046,176; June 30.  
 Receptacle and humidifier for cigarettes and the like, Compartment. F. G. Purinton and W. A. Zwiebel. 2,051,777; Aug. 18.  
 Receptacle and plug, Electric signal. C. Auth. 2,032,038; Feb. 25.  
 Receptacle and stacker, Sheet receiving. P. A. Gollnick and K. Emde. 2,036,409; Apr. 7.  
 Receptacle closure. M. Alland. 2,038,517; Apr. 28.  
 Receptacle closure. F. Cavuoti. 2,059,932; Nov. 3.  
 Receptacle closure. A. L. Merolle. 2,062,271; Nov. 24.  
 Receptacle closure. E. J. Sells. 2,037,093; Apr. 14.  
 Receptacle, cover therefor, and means for releasing the covers from the receptacles. F. L. Darling. 2,043,738; June 9.  
 Receptacle filling and sealing machine. A. S. Chandler. 2,032,259; Feb. 25.  
 Receptacle filling apparatus. L. B. Winton. 2,030,951; Feb. 18.  
 Receptacle for attachment plug caps. C. T. Von Holtz. 2,030,079; Feb. 11.  
 Receptacle for attachment plug caps. C. T. Von Holtz. 2,040,113; May 12.  
 Receptacle for catch basins or the like. H. Stein. 2,061,781; Nov. 24.  
 Receptacle for liquefied gases. W. Strelow. 2,057,800; Oct. 20.  
 Receptacle for liquids. F. W. Stewart. 2,052,728; Sept. 1.  
 Receptacle for motion picture films. J. T. Nist. 2,030,465; Feb. 11.  
 Receptacle for mushroom spawn culture. H. H. Perry. 2,048,966; July 28.  
 Receptacle for refrigerators, Combination. A. Y. Dowell. 2,027,092; Jan. 7.  
 Receptacle for storing tobacco products. H. Handschur. 2,052,826; Sept. 1.  
 Receptacle for urinals, Deodorant. A. S. Selig. 2,046,214; June 30.  
 Receptacle handle. F. A. Gust. 2,044,682; June 16.  
 Receptacle handle. W. L. Orr. 2,048,022; July 21.  
 Receptacle or case, Closed. M. L. Rathbun. 2,046,133; June 30.  
 Receptacles, Apparatus for filling. R. D. Anderson. 2,028,266; Jan. 21.  
 Receptacles, Apparatus for filling. L. B. Winton. 2,030,084; Feb. 11.  
 Receptacles, Apparatus for the automatic emptying of. H. E. L. Labbé. 2,058,325; Oct. 20.  
 Receptacles, Making paper. G. W. Poppe. 2,054,298; Sept. 15.  
 Receptacles, Means for closing. L. B. Winton. 2,054,845; Sept. 22.  
 Receptacles, Method of paraffining. E. L. Jones. 2,044,078; June 16.  
 Reciprocating engine. A. Garelli. 2,042,043; May 26.  
 Reciprocating mechanism for engines and similar units. A. G. Roth. 2,036,724; Apr. 7.  
 Reciprocating piston engine. A. H. Craske. 2,038,024; Apr. 21.  
 Reciprocating suction pump. B. Gambarini. 2,056,513; Oct. 6.  
 Reciprocating valve. C. Burnham. 2,037,497; Apr. 14.  
 Reclining chair. J. Kuss. 2,032,288; Feb. 25.  
 Reclining chair. A. Stoll. 2,027,125; Jan. 7.  
 Reclining chair, Automatic. H. E. Smith. 2,032,773; Mar. 3.  
 Record. E. K. Bottle. 2,047,947; July 21.  
 Record. A. H. Phillips and W. Allen, Jr. 2,064,942; Dec. 22.  
 Record and making and using same. J. E. Jenkins and S. E. Adair. 2,031,605; Feb. 25.  
 Record and producing same, Sound. W. M. Thomas. 2,036,554; Apr. 7.

Record book photographing appliance. J. E. McDowell. 2,065,011; Dec. 22.  
 Record, Composite traveler. A. M. Bovier. 2,046,544; July 7.  
 Record controlled machine. H. F. Garman and H. H. Woodruff. 2,056,395; Oct. 6.  
 Record cutting head. L. Greterman. 2,033,824; Mar. 10.  
 Record feeding device. F. M. Carroll and J. H. Bakelaar. 2,066,305; Dec. 29.  
 Record, Laminated. B. C. Bren. 2,030,568; Feb. 11.  
 Record member for card index systems. S. W. Pierce. 2,043,675; June 9.  
 Record, Multiple part sound. R. H. Ranger. 2,033,648; Mar. 10.  
 Record perforating machine. J. T. Schaaff. 2,030,405; Feb. 11.  
 Record projector. E. T. Mottram. 2,046,695; July 7.  
 Record projector. H. Pfannenstiehl. 2,046,697; July 7.  
 Record, Reinforced phonograph. H. Reffelt and C. Cagnon. 2,042,631; June 2.  
 Record reproducing device, Sound. J. Holy. 2,040,742; May 12.  
 Record, Sound. E. A. Huguenard. 2,040,693; May 12.  
 Record, Talking picture. J. A. O'Neill. 2,041,144; May 19.  
 Record verifying machine. R. L. Palmer. 2,039,832; May 5.  
 Recorder: See—  
     Course recorder. Phonographic recorder.  
     Door recorder. Sound recorder.  
     Movement measuring re-Telephone message re-  
     corder. corder.  
     Phonograph recorder. Time recorder.  
 Recorder. R. M. Florance. 2,035,310; Mar. 24.  
 Recorder. K. F. Schoew. 2,026,914; Jan. 7.  
 Recorder and reproducer, Combined. R. F. Mallina. 2,029,730; Feb. 4.  
 Recorder for centralized traffic controlling systems. C. S. Bushnell. 2,027,718; Jan. 14.  
 Recording and record feeding device. F. M. Carroll and J. H. Bakelaar. 2,066,029; Dec. 29.  
 Recording apparatus. M. E. Brendel. 2,065,362; Dec. 22.  
 Recording device. A. E. Berdon. 2,030,909; Feb. 18.  
 Recording device. C. W. La Pierre. 2,059,879; Nov. 3.  
 Recording device. R. D. Sparks. 2,060,132; Nov. 10.  
 Recording device. J. A. Widmer. 2,027,945; Jan. 14.  
 Recording gain regulation system. R. Rechnitzer. 2,032,436; Mar. 3.  
 Recording instrument. R. E. Fraher, J. M. Butler, A. E. Hendricks, and C. E. L. Lipman. 2,060,984; Nov. 17.  
 Recording instrument. F. S. Marcellus. 2,044,586; June 16.  
 Recording instrument. C. A. Upson. 2,054,996; Sept. 22.  
 Recording instrument for motor trucks or like purposes. P. N. Smith and N. G. Brown. 2,059,050; Oct. 27.  
 Recording machine. M. Garbell. 2,064,203; Dec. 15.  
 Recording, Mechanical. J. H. de Boer. 2,047,860; July 14.  
 Recording mechanism. M. M. Borden. 2,033,177; Mar. 10.  
 Recording mechanism. O. A. Shann. 2,064,274; Dec. 15.  
 Recording mechanism. J. B. Strauss. 2,030,479; Feb. 11.  
 Recording, Noiseless. T. H. Nakken. 2,042,619; June 2.  
 Recording support. W. Koreska and R. Lant. 2,040,142; May 12.  
 Recording, System of. D. L. Hay. 2,035,475; Mar. 31.  
 Records, Gramophone. H. W. Matheson. 2,062,815; Dec. 1.  
 Records, Mechanism for keeping. P. H. Cone. 2,045,756; June 30.  
 Records obtained on lenticulated films, Method and device for reproducing sound. F. Fischer. 2,033,193; Mar. 10.  
 Records, Reproduction of photographic. J. Eggert and R. Schmidt. 2,066,102; Dec. 29.  
 Rectacker, Nut. J. C. Fiddymont. 2,058,072; Oct. 20.  
 Rectification and refrigeration process, Combined. P. D. Barton. 2,028,432; Jan. 21.  
 Rectification, Method of. R. N. Shiras. 2,059,494; Nov. 3.  
 Rectifier. W. M. Fury. 2,031,411; Feb. 18.  
 Rectifier and inverter. L. R. Ludwig and J. Slepian. 2,064,020; Dec. 15.  
 Rectifier and the like. E. F. Randall. 2,030,396; Feb. 11.  
 Rectifier anode. O. K. Marti. 2,038,497; Apr. 21.  
 Rectifier circuit. E. W. Herold. 2,054,125; Sept. 15.  
 Rectifier control system. H. Winograd. 2,038,505; Apr. 21.  
 Rectifier cooling system. H. Winograd. 2,056,638; Oct. 6.  
 Rectifier-inverter and its method of operation, Synchronous mechanical. S. S. Seyfert. 2,041,302; May 19.  
 Rectifier regulator. F. G. Logan. 2,040,492; May 12.  
 Rectifiers, Apparatus for automatic regulation of. R. M. Gilson. 2,028,541; Jan. 21.  
 Rectifying apparatus. J. J. Hanley. 2,033,071; Mar. 3.  
 Recuperator structure. P. L. Geer. 2,061,376; Nov. 17.  
 Recuperator wall. W. H. Fitch. 2,035,309; Mar. 24.  
 Red pigments. E. Lederle. 2,030,009; Feb. 4.  
 Reducing box. A. Berman. 2,056,032; Sept. 29.  
 Reducing machine. W. J. Armstrong. 2,036,522; Apr. 7.  
 Reducing machine. W. J. Armstrong. 2,045,687; June 30.  
 Reducing machine. W. J. Armstrong. 2,045,688; June 30.



- Reducing machine. W. J. Armstrong. 2,045,690; June 30.
- Reducing machine. J. T. Fowler. 2,036,521; Apr. 7.
- Reducing machine. C. A. Harbert. 2,065,455; Dec. 22.
- Reducing machine, Rotary. W. J. Armstrong. 2,031,683; Feb. 25.
- Reducing machine, Rotary. W. J. Armstrong. 2,045,689; June 30.
- Reducing piece for standard ground surfaces. W. Juffa. 2,052,713; Sept. 1.
- Reduction gear. I. Short. 2,051,498; Aug. 18.
- Reduction indicator for rolling mills. W. W. McBane. 2,039,914; May 5.
- Reed actuated signal. A. F. Gillet. 2,061,762; Nov. 24.
- Reed block for accordions. O. Schmidt. 2,051,621; Aug. 18.
- Reed for looms. Loose. S. Williams and M. A. Bornstein. 2,057,756; Oct. 20.
- Reed making machine, Artificial. J. E. Millett. 2,061,286; Nov. 17.
- Reel: *See*—
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| Automatic reel.    | Film reel.        |
| Cable reel.        | Fire hose reel.   |
| Clothesline reel.  | Fishing reel.     |
| Combine reel.      | Inking reel.      |
| Conductor reel.    | Starch mill reel. |
| Encased reel.      | Wire reel.        |
| Endless film reel. | Yarn reel.        |
- Reel. C. B. Beasley. 2,026,665; Jan. 7.
- Reel. R. W. Clemmons. 2,058,133; Oct. 20.
- Reel. C. F. Douglass. 2,052,341; Aug. 25.
- Reel. A. Foukal. 2,043,197; June 2.
- Reel. R. B. Hayward. 2,058,151-2; Oct. 20.
- Reel. R. B. Hayward and R. W. Clemmons. 2,058,150; Oct. 20.
- Reel. A. J. Junge. 2,039,250; Apr. 28.
- Reel. S. Platt. 2,061,101; Nov. 17.
- Reel. K. E. Porter. 2,031,501; Feb. 18.
- Reel. K. E. Porter. 2,047,705; July 14.
- Reel. M. P. Sieger. 2,061,109; Nov. 17.
- Reel. H. H. Talbot. 2,028,422; Jan. 21.
- Reel and forming it. P. S. McCann. 2,055,179; Sept. 22.
- Reel and spindle mount therefor. A. S. Howell. 2,055,626; Sept. 29.
- Reel base-plate fishing-rod attaching means. J. L. Potter. 2,029,188; Jan. 28.
- Reel construction, Rotary fluid-conducting hose. J. A. Jensen. 2,063,843; Dec. 8.
- Reel driving mechanism. W. F. Knebusch. 2,056,197; Oct. 6.
- Reel for adhesive tape and the like. H. W. Rueger. 2,069,709; Nov. 3.
- Reel for fluid filled cables. C. A. Piercy. 2,048,516; July 21.
- Reel for metal strip. E. E. Moore. 2,056,071; Sept. 29.
- Reel for moving picture films. J. M. Goldberg. 2,051,334; Aug. 18.
- Reel loading device. J. F. Cullen and I. Tornberg. 2,047,769; July 14.
- Reel seat for fishing rods. R. W. Miller. 2,027,243; Jan. 7.
- Reel side plate, Conical. J. M. Miller. 2,034,917; Mar. 24.
- Reel structure. H. F. Maynes. 2,027,306; Jan. 7.
- Reel structure for a desk. A. A. Guerra. 2,053,824; Sept. 8.
- Reeling device for tag forming machines. H. Irmscher. 2,026,897; Jan. 7.
- Reeling machine. G. R. McCoy. 2,039,915; May 5.
- Reels in obtaining high elongation, Use of two. H. Hofmann and K. Richter. 2,036,089; Mar. 31.
- Reinforce bar support. D. H. Bitney. 2,043,367; June 9.
- Reinforce for gaskets. J. H. Ictor and W. A. Heinze. 2,027,847; Jan. 14.
- Reinforced clutch ring. J. A. Glick. 2,059,576; Nov. 3.
- Reinforced hydrated cellulose container. L. A. Goodman. 2,045,349; June 23.
- Reinforcement. R. F. Vogt. 2,056,129; Sept. 29.
- Reinforcement foundation. E. W. Menninger. 2,034,726; Mar. 24.
- Reinforcement supporting chair. H. G. Keseling. 2,031,265; Feb. 18.
- Reinforcing device for screen frame corners. G. and W. Klenyansky. 2,051,995; Aug. 25.
- Reinforcing means for casket boxes. J. A. Kruly. 2,040,488; May 12.
- Reference apparatus for short metal parts, Making. J. S. Naery. 2,039,105; Apr. 28.
- Refillable fuse plug. G. E. Rudnick. 2,064,034; Dec. 15.
- Refining. A. C. Vobach and L. P. Foster. 2,053,752; Sept. 8.
- Reflecting sign. A. Kämpfer. 2,036,146; Mar. 31.
- Reflection shooting procedure for the accurate determination of dip. L. W. Blau. 2,058,764; Oct. 27.
- Reflection sign. W. T. Levitt. 2,048,800; July 28.
- Reflector. L. A. Bean. 2,035,215; Mar. 24.
- Reflector. C. A. James. 2,029,375; Feb. 4.
- Reflector. R. J. Le Guillou. 2,032,622; Mar. 3.
- Reflector. W. H. Matthai. 2,044,620; June 16.
- Reflector. J. A. McKay. 2,065,593; Dec. 29.
- Reflector. C. A. Michel, H. C. Mead, and J. L. Koubek. 2,033,387; Mar. 10.
- Reflector. J. R. Ozden, Jr. 2,060,588; Nov. 10.
- Reflector. D. E. Sharp. 2,057,395; Oct. 13.
- Reflector. W. Wilson. 2,040,117; May 12.
- Reflector aiming device. H. C. Mead and C. A. Michel. 2,050,724; Aug. 11.
- Reflector and designing same. F. A. Benford. 2,050,035; Aug. 4.
- Reflector, Electric light. J. Rieu-Sicart. 2,049,930; Aug. 4.
- Reflector, Floodlight. G. Arras. 2,058,548; Oct. 27.
- Reflector for heat radiators. A. M. Lane. 2,060,088; Nov. 10.
- Reflector, Four-section. C. A. Michel. 2,061,001; Nov. 17.
- Reflector, Light. G. Leray. 2,055,298; Sept. 22.
- Reflector, Lighting. M. B. Cherniak. 2,050,085; Aug. 4.
- Reflector, Multiple. M. Kaplowitz. 2,033,940; Mar. 17.
- Reflector, Nonglare. W. L. Bear and G. R. Walker. 2,045,564; June 30.
- Reflector or bulb shifting mechanism for head lamps. C. A. Michel and S. R. Conwell. 2,061,000; Nov. 17.
- Reflector projection lamp. T. O. Hall. 2,057,644; Oct. 13.
- Reflector, Safety headlight. R. G. Harris. 2,036,937; Apr. 7.
- Reflector system for ultrashort electric waves. W. Dalenbach. 2,054,896; Sept. 22.
- Reflectors, Apparatus for making. J. C. Stimson. 2,056,491; Oct. 6.
- Reflectors, Stabilizing. M. Tosterud. 2,045,286; June 23.
- Reflex signal. C. H. Larson. 2,040,317; May 12.
- Refold mechanism. B. A. Schroeder. 2,035,987; Mar. 31.
- Refractometer. E. E. Jelley. 2,047,561; July 14.
- Refractories and making the same. C. L. Norton, Jr. 2,051,964; Aug. 25.
- Refractories and refractory masses so produced, Preparing. E. Klingler. 2,040,051; May 5.
- Refractory. W. M. Farnsworth. 2,033,886; Mar. 10.
- Refractory. F. A. Harvey and J. S. McDowell. 2,053,146; Sept. 1.
- Refractory. M. J. Rentschler. 2,057,348-9; Oct. 13.
- Refractory. F. W. Schroeder. 2,044,817; June 23.
- Refractory and similar articles, Producing cast. R. C. Benner and G. J. Easter. 2,048,319; July 21.
- Refractory articles, Manufacture of. G. Witty. 2,043,640; June 9.
- Refractory articles, Shaping. D. B. Hendryx. 2,026,940; Jan. 7.
- Refractory bodies, Producing. T. R. Haglund. 2,048,861; July 28.
- Refractory composition. J. McB. Knote. 2,051,002; Aug. 11.
- Refractory composition, Fused. G. J. Easter and C. McMullen. 2,063,154; Dec. 8.
- Refractory, High temperature. J. D. Morgan and R. E. Lowe. 2,061,099; Nov. 17.
- Refractory mass produced by melting, Highly. T. R. Haglund. 2,048,263; July 21.
- Refractory material and making same. J. M. Knote. 2,051,003; Aug. 11.
- Refractory material and making the same. A. A. Fowler and R. M. Otis. 2,038,034; Apr. 21.
- Refractory material, Manufacture of basic. R. L. Lloyd and R. W. Hyde. 2,029,627; Feb. 4.
- Refractory materials, Making. A. Rava. 2,040,215; May 12.
- Refractory oxides, Reduction of. P. P. Alexander. 2,038,402; Apr. 21.
- Refractory vitrified and like products during transportation, Separating and retarding relative movement of. H. Y. and A. M. Swank. 2,062,948; Dec. 1.
- Refrigerant compressing unit. J. R. Replogle. 2,035,276; Mar. 24.
- Refrigerant compressor. W. D. Drysdale. 2,031,941; Feb. 25.
- Refrigerant compressor. W. W. Warner. 2,060,649; Nov. 10.
- Refrigerant condensing apparatus. S. J. Best. 2,042,087; May 26.
- Refrigerant condensing apparatus. W. A. Schmidt and W. Nadeau. 2,064,271; Dec. 15.
- Refrigerant control. T. E. Drummond. 2,050,750; Aug. 11.
- Refrigerant control. H. Goldberg. 2,060,300; Nov. 10.
- Refrigerant control device. J. Askin. 2,062,857; Dec. 1.
- Refrigerant distributor. A. F. Hoesel. 2,063,380; Dec. 8.
- Refrigerant feed control. W. R. Kitzmiller. 2,032,287; Feb. 25.
- Refrigerant leaks, Method and means of detecting. A. Weiland. 2,062,435; Dec. 1.
- Refrigerant liquid return system. W. R. Kitzmiller. 2,032,286; Feb. 25.
- Refrigerant mixture. G. F. Zellhoefer. 2,031,087; Feb. 18.
- Refrigerant supply and apparatus, Reserve. J. R. Zwickl. 2,055,780; Sept. 29.
- Refrigerants, Controlling low temperature. W. F. Baird. 2,043,570; June 9.
- Refrigerated receptacle. N. B. Holt. 2,038,218; Apr. 21.
- Refrigerating apparatus. J. C. Armor. 2,049,793; Aug. 4.
- Refrigerating apparatus. N. A. Baker. 2,055,994; Sept. 29.
- Refrigerating apparatus. R. M. Buffington. 2,033,228; Mar. 10.
- Refrigerating apparatus. R. R. Candor. 2,027,223; Jan. 7.
- Refrigerating apparatus. R. R. Candor. 2,046,894; July 7.
- Refrigerating apparatus. R. R. Candor. 2,049,799; Aug. 4.



- Refrigerating apparatus. T. L. Chisholm. 2,040,597; May 12.
- Refrigerating apparatus. F. Conrad and C. Aalborg. 2,056,646; Oct. 6.
- Refrigerating apparatus. S. V. Cook and F. L. Chase. 2,053,251-2; Sept. 8.
- Refrigerating apparatus. S. H. Cowin. 2,053,945; Sept. 8.
- Refrigerating apparatus. I. L. de Jongh. 2,034,462; Mar. 17.
- Refrigerating apparatus. H. J. Dick. 2,063,988; Dec. 15.
- Refrigerating apparatus. D. G. Ellis. 2,042,517; June 2.
- Refrigerating apparatus. F. R. Erbach. 2,054,536; Sept. 15.
- Refrigerating apparatus. T. R. Fehr. 2,050,650; Aug. 11.
- Refrigerating apparatus. R. S. Gaugler. 2,032,534; Mar. 3.
- Refrigerating apparatus. R. S. Gaugler. 2,034,030; Mar. 17.
- Refrigerating apparatus. R. S. Gaugler. 2,035,543; Mar. 31.
- Refrigerating apparatus. J. L. Gibson. 2,059,942; Nov. 3.
- Refrigerating apparatus. R. E. Gould. 2,034,138; Mar. 31.
- Refrigerating apparatus. R. E. Gould. 2,059,992; Nov. 3.
- Refrigerating apparatus. M. J. Goulooze. 2,048,212; July 21.
- Refrigerating apparatus. M. J. Goulooze. 2,058,864; Oct. 27.
- Refrigerating apparatus. M. J. Goulooze. 2,062,360; Dec. 1.
- Refrigerating apparatus. F. O. Graham. 2,042,523; June 2.
- Refrigerating apparatus. H. M. Graham. 2,052,619; Sept. 1.
- Refrigerating apparatus. J. A. Grier. 2,032,012; Feb. 25.
- Refrigerating apparatus. E. J. L. Hallstrom. 2,053,827; Sept. 8.
- Refrigerating apparatus. D. P. Heath. 2,058,871; Oct. 27.
- Refrigerating apparatus. F. J. Heideman. 2,058,872; Oct. 27.
- Refrigerating apparatus. E. Heitman. 2,033,828; Mar. 10.
- Refrigerating apparatus. C. F. Henney. 2,046,744; July 7.
- Refrigerating apparatus. G. F. Hofferberth. 2,036,753; Apr. 7.
- Refrigerating apparatus. W. C. Holbrook. 2,054,323; Sept. 15.
- Refrigerating apparatus. H. B. Hull. 2,036,755-6; Apr. 7.
- Refrigerating apparatus. H. B. Hull. 2,037,417; Apr. 14.
- Refrigerating apparatus. H. B. Hull. 2,040,744; May 12.
- Refrigerating apparatus. H. B. Hull. 2,051,604; Aug. 18.
- Refrigerating apparatus. H. B. Hull. 2,058,458; Oct. 27.
- Refrigerating apparatus. H. B. Hull. 2,064,009-10; Dec. 15.
- Refrigerating apparatus. J. Karmazin. 2,028,456-8; Jan. 21.
- Refrigerating apparatus. J. Karmazin. 2,055,200; Sept. 22.
- Refrigerating apparatus. J. Karmazin. 2,058,593; Oct. 27.
- Refrigerating apparatus. J. Karmazin. 2,059,114; Oct. 27.
- Refrigerating apparatus. D. L. Kaufman. 2,053,290; Sept. 8.
- Refrigerating apparatus. L. M. Keighley. 2,029,263; Jan. 28.
- Refrigerating apparatus. L. M. Keighley. 2,051,769; Aug. 18.
- Refrigerating apparatus. J. G. King. 2,031,536; Feb. 18.
- Refrigerating apparatus. J. G. King. 2,047,326; July 14.
- Refrigerating apparatus. J. G. King. 2,052,407; Aug. 25.
- Refrigerating apparatus. J. G. King. 2,054,328; Sept. 15.
- Refrigerating apparatus. J. G. King. 2,055,499; Sept. 29.
- Refrigerating apparatus. J. G. King. 2,061,426-7; Nov. 17.
- Refrigerating apparatus. A. A. Kucher. 2,029,109; Jan. 28.
- Refrigerating apparatus. A. A. Kucher. 2,063,171; Dec. 8.
- Refrigerating apparatus. H. R. Loranger. 2,059,593; Nov. 3.
- Refrigerating apparatus. D. E. Maccabee. 2,065,596; Dec. 29.
- Refrigerating apparatus. J. A. Macready and D. H. Wyatt. 2,051,874; Aug. 25.
- Refrigerating apparatus. C. A. Mann. 2,054,482; Sept. 15.
- Refrigerating apparatus. R. K. Miller. 2,065,604; Dec. 29.
- Refrigerating apparatus. W. L. Morrison. 2,053,100; Sept. 1.
- Refrigerating apparatus. J. J. Nance. 2,027,245; Jan. 7.
- Refrigerating apparatus. J. J. Nance. 2,065,391; Dec. 22.
- Refrigerating apparatus. E. B. Newill. 2,045,048; June 23.
- Refrigerating apparatus. G. R. Ohmart. 2,046,477; July 7.
- Refrigerating apparatus. G. C. Pearce. 2,041,511; May 19.
- Refrigerating apparatus. L. A. Phillip. 2,047,429; July 14.
- Refrigerating apparatus. L. A. Philipp. 2,048,025-6; July 21.
- Refrigerating apparatus. L. A. Philipp. 2,048,218; July 21.
- Refrigerating apparatus. L. A. Philipp. 2,051,801-2; Aug. 18.
- Refrigerating apparatus. L. A. Philipp. 2,056,482; Oct. 6.
- Refrigerating apparatus. L. A. Philipp. 2,058,906-8; Oct. 27.
- Refrigerating apparatus. L. A. Philipp. 2,065,536-7; Dec. 29.
- Refrigerating apparatus. C. E. Quinn. 2,045,250; June 23.
- Refrigerating apparatus. C. E. Quinn. 2,048,291; July 21.
- Refrigerating apparatus. D. H. Reeves. 2,039,188; Apr. 28.
- Refrigerating apparatus. D. H. Reeves. 2,052,894; Sept. 1.
- Refrigerating apparatus. D. H. Reeves. 2,065,538; Dec. 29.
- Refrigerating apparatus. R. E. Robillard. 2,059,970; Nov. 3.
- Refrigerating apparatus. E. F. Schweller. 2,052,898; Sept. 1.
- Refrigerating apparatus. E. F. Schweller. 2,053,803; Sept. 8.
- Refrigerating apparatus. E. F. Schweller. 2,057,746; Oct. 20.
- Refrigerating apparatus. E. F. Schweller. 2,058,916; Oct. 27.
- Refrigerating apparatus. E. F. Schweller. 2,065,402; Dec. 22.
- Refrigerating apparatus. S. M. Schweller. 2,059,042; Oct. 27.
- Refrigerating apparatus. C. J. Sekyra. 2,040,634; May 12.
- Refrigerating apparatus. J. Smilack. 2,031,550; Feb. 18.
- Refrigerating apparatus. J. Smilack. 2,066,235; Dec. 29.
- Refrigerating apparatus. H. F. Smith. 2,033,554; Mar. 10.
- Refrigerating apparatus. H. F. Smith. 2,035,573; Mar. 17.
- Refrigerating apparatus. H. F. Smith. 2,045,000; June 23.
- Refrigerating apparatus. H. F. Smith. 2,049,230; July 28.
- Refrigerating apparatus. H. F. Smith. 2,049,782; Aug. 4.
- Refrigerating apparatus. H. F. Smith. 2,063,960; Dec. 15.
- Refrigerating apparatus. H. F. Smith. 2,064,040; Dec. 15.
- Refrigerating apparatus. H. F. Smith. 2,065,542-3; Dec. 29.
- Refrigerating apparatus. H. F. Smith. 2,066,236; Dec. 29.
- Refrigerating apparatus. L. E. Smith. 2,061,599; Nov. 24.
- Refrigerating apparatus. C. A. Stiekel. 2,029,279; Jan. 28.
- Refrigerating apparatus. F. H. Stiening. 2,047,753; July 14.
- Refrigerating apparatus. O. M. Summers. 2,035,575; Mar. 31.
- Refrigerating apparatus. O. M. Summers. 2,038,912; Apr. 28.
- Refrigerating apparatus. O. M. Summers. 2,045,809; June 30.
- Refrigerating apparatus. R. H. Swart. 2,051,971; Aug. 25.
- Refrigerating apparatus. C. J. Swigert. 2,054,144; Sept. 15.
- Refrigerating apparatus. W. H. Teeter. 2,035,770; Mar. 31.
- Refrigerating apparatus. C. C. Thomas. 2,032,235; Feb. 25.
- Refrigerating apparatus. R. L. Tweedale. 2,045,810; June 30.
- Refrigerating apparatus. R. L. Tweedale. 2,063,208; Dec. 8.
- Refrigerating apparatus. C. W. Vogt. 2,027,256; Jan. 7.
- Refrigerating apparatus. C. R. Wayman. 2,054,474; Sept. 15.
- Refrigerating apparatus. D. D. Wile. 2,065,485; Dec. 22.
- Refrigerating apparatus. G. H. Williams. 2,038,153; Apr. 21.
- Refrigerating apparatus. H. M. Williams. 2,035,734; Mar. 31.
- Refrigerating apparatus. H. M. Williams. 2,044,600; June 16.
- Refrigerating apparatus. G. F. Zellhoefer. 2,061,606; Nov. 24.
- Refrigerating apparatus, Absorption. R. S. Nelson. 2,035,499; Mar. 31.
- Refrigerating apparatus, Absorption cycle. E. E. Allyn. 2,051,808; Aug. 25.
- Refrigerating apparatus and interchanging the functions of complementary heat exchange elements thereof, Controlling. W. V. Duke. 2,033,063; Mar. 3.
- Refrigerating apparatus and method. W. E. Carpenter. 2,043,190; June 2.



- Refrigerating apparatus and method. J. C. Goosmann. 2,043,163; June 2.
- Refrigerating apparatus, Controlling means for. G. H. Woodard. 2,050,516; Aug. 11.
- Refrigerating apparatus, Electrically operated and controlled. G. F. Zellhoefer. 2,055,191; Sept. 22.
- Refrigerating apparatus, Making. J. Askin. 2,064,141; Dec. 15.
- Refrigerating apparatus, Periodic absorption. W. B. Normelli. 2,050,959; Aug. 11.
- Refrigerating apparatus, Water-vapor. G. H. Woodard and J. Kirgan. 2,042,920; June 2.
- Refrigerating cabinet. J. W. Armbruster. 2,062,856; Dec. 1.
- Refrigerating construction. F. H. Hibberd, G. H. Woodard, and J. Kirgan. 2,030,514; Feb. 11.
- Refrigerating cooling unit. R. H. Bird. 2,057,666; Oct. 20.
- Refrigerating machine. L. W. Atchison. 2,059,840; Nov. 3.
- Refrigerating machine. R. U. Berry. 2,047,053; July 7.
- Refrigerating machine. H. H. Bixler. 2,028,584; Jan. 21.
- Refrigerating machine. H. H. Bixler. 2,039,053; Apr. 28.
- Refrigerating machine. H. H. Bixler. 2,042,497; June 2.
- Refrigerating machine. H. H. Bixler. 2,050,876; Aug. 11.
- Refrigerating machine. H. W. Brown. 2,047,057; July 7.
- Refrigerating machine. R. E. King. 2,036,812; Apr. 7.
- Refrigerating machine. C. Steenstrup. 2,035,769; Mar. 31.
- Refrigerating machine. A. R. Stevenson, Jr. 2,047,039; July 7.
- Refrigerating machine. R. J. E. C. Vin. 2,051,321; Aug. 18.
- Refrigerating machine, Absorption. G. Maluri. 2,043,548; June 9.
- Refrigerating machine, Compression. A. Tölk. 2,051,756; Aug. 18.
- Refrigerating machine indicator. W. Hoelle. 2,054,542; Sept. 15.
- Refrigerating means and method. E. C. Koepke. 2,026,838; Jan. 7.
- Refrigerating mechanism. E. M. Post, Jr. and G. O. Hanshaw. 2,046,967; July 7.
- Refrigerating mechanism. W. W. Williams. 2,046,667; July 7.
- Refrigerating medium. B. E. Tiffany. 2,058,924; Oct. 27.
- Refrigerating method and apparatus. W. E. Carpenter. 2,043,191; June 2.
- Refrigerating method and apparatus. C. G. Harbordt. 2,056,786; Oct. 6.
- Refrigerating package. A. C. Routh. 2,049,779; Aug. 4.
- Refrigerating packer. W. T. Wells. 2,033,560; Mar. 10.
- Refrigerating plant. E. Kägl. 2,057,101; Oct. 13.
- Refrigerating system. L. W. Atchison. 2,030,676; Feb. 11.
- Refrigerating system. C. Christofferson. 2,049,946; Aug. 4.
- Refrigerative system. J. E. Dube. 2,050,994; Aug. 11.
- Refrigerating system. J. W. Gilbert and E. F. Walker. 2,061,869; Nov. 24.
- Refrigerating system. H. M. Graham. 2,065,579; Dec. 29.
- Refrigerating system. A. F. Hoesel. 2,052,769; Sept. 1.
- Refrigerating system. A. F. Hoesel. 2,056,401; Oct. 6.
- Refrigerating system. A. F. Hoesel. 2,060,316; Nov. 10.
- Refrigerating system. F. B. Hunt. 2,028,735; Jan. 21.
- Refrigerating system. H. B. Hull. 2,063,039; Dec. 8.
- Refrigerating system. J. Kirgan. 2,029,106; Jan. 28.
- Refrigerating system. W. G. Midnight. 2,045,043; June 23.
- Refrigerating system. G. Muffy. 2,027,192; Jan. 7.
- Refrigerating system. C. G. Munters. 2,042,355; May 26.
- Refrigerating system. S. Rupprich. 2,028,565; Jan. 21.
- Refrigerating system. S. Rupprich. 2,062,827; Dec. 1.
- Refrigerating system. E. E. Scott. 2,055,367; Sept. 22.
- Refrigerating system. H. C. Shagaloff. 2,045,204; June 23.
- Refrigerating system. F. R. West. 2,051,664; Aug. 18.
- Refrigerating system, Absorption type. H. K. Bergholm. 2,055,866; Sept. 29.
- Refrigerating system, Absorption type. A. R. Thomas. 2,063,276; Dec. 8.
- Refrigerating system and charging the same. E. J. Fisher. 2,049,364; July 28.
- Refrigerating system and method. M. Resek. 2,045,053; June 23.
- Refrigerating system, Intermittent absorption. M. Resek. 2,045,054; June 23.
- Refrigerating system, Reversible. E. W. Roessler. 2,066,161; Dec. 29.
- Refrigerating system, Solar operated. A. T. Bremser. 2,030,350; Feb. 11.
- Refrigerating unit, Vacuum. J. Kirgan. 2,065,187; Dec. 22.
- Refrigerating units, Defrosting. N. F. Fretter. 2,054,460; Sept. 15.
- Refrigeration. S. M. Bäckström. 2,027,761; Jan. 14.
- Refrigeration. S. M. Bäckström. 2,059,841; Nov. 3.
- Refrigeration. H. K. Bergholm. 2,063,292; Dec. 8.
- Refrigeration. J. D. Bingham. 2,040,641; May 12.
- Refrigeration. W. H. Carrier and R. W. Waterfall. 2,041,045; May 19.
- Refrigeration. W. G. Clark. 2,045,754; June 30.
- Refrigeration. A. F. Evers, Jr. 2,063,496; Dec. 8.
- Refrigeration. J. Fleischer. 2,060,728; Nov. 10.
- Refrigeration. E. A. Forsberg. 2,039,588; May 5.
- Refrigeration. W. R. Hainsworth. 2,037,782; Apr. 21.
- Refrigeration. W. R. Hainsworth. 2,045,134; June 23.
- Refrigeration. B. L. Hallock. 2,036,043; Mar. 31.
- Refrigeration. R. L. Hallock. 2,047,630; July 14.
- Refrigeration. W. T. Hedlund. 2,044,609; June 16.
- Refrigeration. C. F. Holske. 2,029,870; Feb. 4.
- Refrigeration. W. Kögel. 2,059,877; Nov. 3.
- Refrigeration. W. G. Kögel and N. Widell. 2,027,779; Jan. 14.
- Refrigeration. W. G. Kögel and N. E. Widell. 2,059,876; Nov. 3.
- Refrigeration. A. A. Kucher. 2,052,410; Aug. 25.
- Refrigeration. A. A. Kucher. 2,063,745; Dec. 8.
- Refrigeration. C. G. Munters. 2,027,057; Jan. 7.
- Refrigeration. C. G. Munters. 2,034,149; Mar. 17.
- Refrigeration. C. G. Munters. 2,044,951; June 23.
- Refrigeration. C. G. Munters and A. Lenning. 2,039,736; May 5.
- Refrigeration. C. A. Otto. 2,060,589; Nov. 10.
- Refrigeration. W. J. Podbielniak. 2,041,725; May 26.
- Refrigeration. B. F. Randel. 2,044,811; June 23.
- Refrigeration. B. F. Randel. 2,052,580; Sept. 1.
- Refrigeration. E. Rice, Jr. 2,037,592; Apr. 14.
- Refrigeration. E. Rice, Jr. 2,061,776; Nov. 24.
- Refrigeration. E. Rice, Jr. 2,065,984; Dec. 29.
- Refrigeration. A. W. Ruff. 2,062,235; Nov. 24.
- Refrigeration. H. C. Shagaloff. 2,045,205; June 23.
- Refrigeration. A. R. Thomas. 2,044,597; June 16.
- Refrigeration. A. R. Thomas. 2,063,353; Dec. 8.
- Refrigeration. A. R. Thomas. 2,064,233; Dec. 15.
- Refrigeration. H. M. Ullstrand. 2,051,760; Aug. 18.
- Refrigeration. H. M. Williams. 2,049,790; Aug. 4.
- Refrigeration, Absorption. R. S. Nelson. 2,027,927; Jan. 14.
- Refrigeration, Absorption. R. S. Nelson. 2,038,951; Apr. 28.
- Refrigeration, Absorption. G. F. Zellhoefer. 2,040,894-904; May 19.
- Refrigeration, Absorption. G. F. Zellhoefer. 2,040,906-12; May 19.
- Refrigeration and apparatus therefor. F. L. Bryant. 2,044,750; June 16.
- Refrigeration apparatus. J. Askin. 2,054,404; Sept. 15.
- Refrigeration apparatus. J. Askin and J. D. Lear. 2,036,979; Apr. 7.
- Refrigeration apparatus. R. F. Castle. 2,038,989; Apr. 28.
- Refrigeration apparatus. L. S. Chadwick. 2,027,631; Jan. 14.
- Refrigeration apparatus. A. R. Golrick and J. H. Hildebrandt. 2,047,467; July 14.
- Refrigeration apparatus. M. E. Hanson. 2,027,336; Jan. 7.
- Refrigeration apparatus. G. A. Leyner and A. H. Kelly. 2,035,710; Mar. 31.
- Refrigeration apparatus. A. T. Light. 2,056,431; Oct. 6.
- Refrigeration apparatus. W. G. Midnight. 2,062,921; Dec. 1.
- Refrigeration apparatus. G. Muffy. 2,044,482; June 16.
- Refrigeration apparatus. L. W. Rinaman. 2,049,664; Aug. 4.
- Refrigeration apparatus. T. S. Safford. 2,030,942; Feb. 18.
- Refrigeration apparatus. L. R. Smith. 2,051,110; Aug. 18.
- Refrigeration apparatus. M. C. Terry. 2,031,237; Feb. 18.
- Refrigeration apparatus. R. H. Tull and B. J. Homkes. 2,042,812; June 2.
- Refrigeration, Apparatus for. E. Rice, Jr. 2,065,986-7; Dec. 29.
- Refrigeration apparatus particularly adapted for freezing fish. C. Sundbach. 2,041,443; May 19.
- Refrigeration apparatus, Steam jet. E. F. Stalcup. 2,051,185; Aug. 18.
- Refrigeration compressor. E. F. Holyfield. 2,039,999; May 5.
- Refrigeration control means. V. W. Moody. 2,035,755; Mar. 31.
- Refrigeration device. W. H. D. Brouse. 2,036,565; Apr. 7.
- Refrigeration for meat grinders or like devices. E. Biancalana. 2,060,605; Nov. 10.
- Refrigeration, Method and apparatus for. E. Rice, Jr. 2,055,158; Sept. 22.
- Refrigeration, Method and apparatus for. E. Rice, Jr. 2,065,985; Dec. 29.
- Refrigeration method and apparatus for the conditioning of air. R. T. Palmer. 2,048,137; July 21.
- Refrigeration process and apparatus. J. A. Burner. 2,029,153; Jan. 28.
- Refrigeration structure. R. T. Smith. 2,055,733; Sept. 29.
- Refrigeration system. J. W. Gilbert. 2,050,002; Aug. 4.
- Refrigeration system. F. L. Kallam. 2,035,814; Mar. 31.
- Refrigeration system. C. D. Tuska. 2,042,568; June 2.
- Refrigeration system for motor vehicles. S. M. Bäckström. 2,041,585; May 19.
- Refrigeration unit, Inwardly removable. J. R. Repogle. 2,057,447; Oct. 13.
- Refrigeration, Water. R. C. Roe. 2,045,999; June 30.
- Refrigerator. L. W. Atchison. 2,031,450; Feb. 18.
- Refrigerator. C. F. Belshaw. 2,064,515; Dec. 15.



- Refrigerator. L. J. Bronaugh and T. I. Potter. 2,056,165; Oct. 6.
- Refrigerator. E. E. Eickmeyer. 2,064,972; Dec. 22.
- Refrigerator. D. H. Gaston. 2,027,313; Jan. 7.
- Refrigerator. H. A. Greenwald. 2,058,077; Oct. 20.
- Refrigerator. A. Hennig. 2,062,651; Dec. 1.
- Refrigerator. M. Hokanson. 2,061,155; Nov. 17.
- Refrigerator. A. G. Horvath and E. E. Eickmeyer. 2,047,415; July 14.
- Refrigerator. P. Köhler. 2,059,878; Nov. 3.
- Refrigerator. C. A. Kuebler. 2,064,926; Dec. 22.
- Refrigerator. G. Lieb. 2,049,708; Aug. 4.
- Refrigerator. C. E. L. Lipman. 2,027,183; Jan. 7.
- Refrigerator. C. E. L. Lipman. 2,038,434; Apr. 21.
- Refrigerator. J. Lithgow. 2,056,731; Oct. 6.
- Refrigerator. H. L. Merrill. 2,062,138-40; Nov. 24.
- Refrigerator. W. Munch. 2,053,488; Sept. 8.
- Refrigerator. J. A. Nagy. 2,039,334; May 5.
- Refrigerator. D. F. Newman. 2,059,016; Oct. 27.
- Refrigerator. J. A. Nones. 2,044,011; June 16.
- Refrigerator. H. E. Pleasant. 2,055,851; Sept. 29.
- Refrigerator. G. J. Reichert. 2,048,892; July 28.
- Refrigerator. H. Rufener and T. Eichmann. 2,060,694; Nov. 10.
- Refrigerator. T. J. Scofield. 2,031,283; Feb. 18.
- Refrigerator. J. A. Stone. 2,030,413; Feb. 11.
- Refrigerator. E. Wenander. 2,042,873; May 26.
- Refrigerator. P. J. Wizevich. 2,046,009; June 30.
- Refrigerator accessory, Display. G. J. Hopkins. 2,030,923; Feb. 18.
- Refrigerator, Air-cooled. W. R. Hainsworth. 2,040,174; May 12.
- Refrigerator and temperature control device. V. W. Moody. 2,058,814; Oct. 27.
- Refrigerator cabinet. G. F. Forsthoefel. 2,035,226; Mar. 24.
- Refrigerator cabinet. F. L. Tarleton. 2,035,103; Mar. 24.
- Refrigerator cabinet insulation. C. H. Nauert. 2,040,399; May 12.
- Refrigerator cars, Apparatus for precooling. H. T. Whyte. 2,026,855; Jan. 7.
- Refrigerator compressor. D. F. Newman. 2,059,894; Nov. 3.
- Refrigerator, Constant temperature. L. C. Bird, H. M. Rexrode, and R. R. Chappell. 2,042,384; May 26.
- Refrigerator construction. P. Crosley, Jr., and R. H. Money. 2,047,996; July 21.
- Refrigerator construction. W. C. Fuller. 2,030,291; Feb. 11.
- Refrigerator control apparatus. J. J. Bauman. 2,035,291; Mar. 24.
- Refrigerator controller. L. C. Irwin. 2,034,620; Mar. 17.
- Refrigerator display case. S. Bohn and H. D. King. 2,047,937; July 21.
- Refrigerator display case. R. P. Daemicke. 2,029,860; Feb. 4.
- Refrigerator display case. A. H. Ehrlich. 2,039,685; May 5.
- Refrigerator evaporator. C. Steenstrup. 2,053,117; Sept. 1.
- Refrigerator, Gas-fired. M. Shoeld. 2,051,318; Aug. 18.
- Refrigerator, Intermittently-operating absorption. W. B. Normelli. 2,055,669; Sept. 29.
- Refrigerator latch. C. Gaske and C. E. Yost. 2,044,500; June 16.
- Refrigerator lock. L. Anderson. 2,038,334; Apr. 21.
- Refrigerator, Portable. A. Korinsky. 2,057,036; Oct. 13.
- Refrigerator, Portable. S. A. Limpert. 2,029,175; Jan. 28.
- Refrigerator shelf construction. L. Stratton. 2,057,544; Refrigerator structure. R. C. Pierce. 2,027,878; Jan. 14.
- Refrigerator temperature, Controlling. C. W. Bondurant. 2,028,893; Jan. 28.
- Refrigerator ventilating device. E. Wendler. 2,053,453; Sept. 8.
- Refuse and making building materials therefrom, Treating. M. M. Upson. 2,040,416; May 12.
- Refuse bag. G. W. Poppe. 2,055,086; Sept. 22.
- Refuse catching and removing device for floors. I. T. Skiles. 2,030,077; Feb. 11.
- Refuse destructor. J. E. Allen, M. J. Blew, and A. C. Wood. 2,045,115; June 23.
- Refuse, Disposal of. R. F. Leftwich. 2,047,375; July 14.
- Regenerative filter. L. W. Blau and J. S. Watt. 2,055,619; Sept. 29.
- Regenerative furnace. E. A. Vierow. 2,049,478; Aug. 4.
- Regenerative furnace, Reversible. O. Reiner. 2,037,149; Apr. 14.
- Regenerative repeater. R. F. Dirkes and V. R. Kimball. 2,064,298; Dec. 15.
- Regenerative repeater for telegraph systems. O. E. Pier-son. 2,053,044; Sept. 1.
- Regenerator with checkerwork for vertical flow of the gaseous media. C. Otto. 2,049,272; July 28.
- Register. G. B. Dunn. 2,045,221; June 23.
- Register. H. A. Foothorap. 2,039,159; Apr. 28.
- Register. J. P. Harvell and E. A. Slye. 2,059,341; Nov. 3.
- Register. J. F. Ohmer. 2,062,602; Dec. 1.
- Register. E. A. Slye. 2,046,433; July 7.
- Register and control. H. H. Lorenz. 2,034,700; Mar. 24.
- Register, Autographic. V. W. Garwood. 2,063,670; Dec. 8.
- Register, Autographic. L. A. Holman. 2,046,746; July 7.
- Register, Autographic. L. Jensen. 2,031,370; Feb. 18.
- Register, Autographic. L. Jensen. 2,055,293; Sept. 22.
- Register, Autographic. W. C. and F. E. Pfeiffer. 2,041,020; May 19.
- Register, Autographic. A. G. Traeder. 2,063,710; Dec. 8.
- Register, Cash. B. M. Shipley. 2,050,022; Aug. 4.
- Register device for game apparatus. F. L. Mills. 2,057,651; Oct. 13.
- Register for calculating machines, Crossfooting. H. A. Foothorap. 2,032,691; Mar. 3.
- Register for distributors of ignition systems. W. Hughes. 2,066,111; Dec. 29.
- Register frame. R. C. Bradley. 2,044,049; June 16.
- Register, Reseatable. A. J. Saarinen and W. H. Curtis. 2,040,568; May 12.
- Registering apparatus. D. V. Mazzocco. 2,031,221; Feb. 18.
- Registering apparatus. R. E. Prusso and E. W. Gaddy. 2,052,844; Sept. 1.
- Registering apparatus. J. W. Welch and R. P. Suess. 2,044,926; June 23.
- Regulating apparatus for steam heating systems, Auto-matic. E. C. Wiley. 2,031,445; Feb. 18.
- Registering device. F. E. Backer. 2,037,191; Apr. 14.
- Registering device. P. C. Priestman and P. L. Grant. 2,052,843; Sept. 1.
- Registering device and method for use in multicolor print-ing. G. A. Friess. 2,046,508; July 7.
- Registering system. R. M. Hicks. 2,060,674; Nov. 10.
- Regulating tenon and mortise joints. F. H. Grieve. 2,040,126; May 12.
- Regulating apparatus. G. W. Smith and J. E. Specht. 2,049,669; Aug. 4.
- Regulating device for internal combustion engines. J. E. Wild and W. E. Schwarzmann. 2,031,625; Feb. 25.
- Regulating device for vacuum pumps. G. H. Woodard. 2,044,867; June 23.
- Regulating device for wireless receivers. F. J. Grillet. 2,056,376; Oct. 13.
- Regulating equipment. F. L. Snyder. 2,036,305; Apr. 7.
- Regulating means for refrigerating systems. G. H. Wood-ard. 2,039,762; May 5.
- Regulating means for rolling mechanism. E. Meyer. 2,040,755; May 12.
- Regulating means for variable time controls, Automatic. L. V. Lucia. 2,036,178; Mar. 31.
- Regulating system. J. W. Dawson and F. H. Gulliksen. 2,057,515; Oct. 13.
- Regulating system. R. A. Geiselman. 2,036,268; Apr. 7.
- Regulating system. F. H. Gulliksen. 2,057,520; Oct. 13.
- Regulating system. H. C. Jenks. 2,057,490; Oct. 13.
- Regulating system. C. A. Martin. 2,037,082; Apr. 14.
- Regulating system. H. C. Nycum. 2,046,696; July 7.
- Regulating system. P. M. Stivender. 2,055,138; Sept. 22.
- Regulating system. E. R. Wolfert and E. C. Wentz. 2,039,044; Apr. 28.
- Regulating system for pressure-fired steam boilers and the like, Automatic. C. Seippel. 2,060,535; Nov. 10.
- Regulating valve. P. C. Temple. 2,038,013; Apr. 21.
- Regulator: See—
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| Air-operated regulator.          | Gain control regulator.         |
| Air regulator.                   | Gas pressure regulator.         |
| Arc regulator.                   | Generator regulator.            |
| Automatic balancing regu-lator.  | Heat regulator.                 |
| Automatic regulator.             | Heater regulator.               |
| Automobile generator regu-lator. | Hydraulic heat regulator.       |
| Balanced pressure regula-tor.    | Moving coin voltage regu-lator. |
| Boiler feed regulator.           | Pressure regulator.             |
| Carbon pile regulator.           | Rectifier regulator.            |
| Combustion regulator.            | Sewage regulator.               |
| Consistency regulator.           | Stock regulator.                |
| Draft regulator.                 | Temperature regulator.          |
| Electric current regulator.      | Thermal draft regulator.        |
| Electrical frequency regu-lator. | Thermostatic regulator.         |
| Electric regulator.              | Transformer voltage regu-lator. |
| Electrical regulator.            | Valve regulator.                |
| Feed water regulator.            | Vapor regulator.                |
| Fluid pressure regulator.        | Viscosity regulator.            |
| Fuel pressure regulator.         | Volume regulator.               |
| Furnace heat regulator.          | Wind screen.                    |
|                                  | Windmill regulator.             |
|                                  | Window regulator.               |
- Regulator. J. K. Hamilton. 2,048,379; July 21.
- Regulator. K. H. Hubbard. 2,040,743; May 12.
- Regulator. K. H. Hubbard and R. E. Clarridge. 2,035,966; Mar. 31.
- Regulator. B. M. Leece and D. S. Cole. 2,029,266; Jan. 28.
- Regulator. W. Petcoff. 2,046,653; July 7.
- Regulator. P. C. Temple. 2,049,549; Aug. 4.
- Regulator. W. H. Vogt. 2,061,118; Nov. 17.
- Regulator and control apparatus therefor, Receiving. R. R. Donaldson, Jr. 2,044,936; June 23.
- Regulator and recording regulator. K. L. Tate. 2,050,742; Aug. 11.
- Regulator for burners, Pressure operated. W. E. Johns-ton. 2,032,283; Feb. 25.
- Regulator for fluid pressure systems. W. L. Avery. 2,040,590; May 12.
- Regulator for heating apparatus. L. W. Eggleston. 2,061,537; Nov. 17.
- Regulator for liquid fuel burners, Mixture. A. T. Bersey. 2,049,730; Aug. 4.



- Regulator for sheet mills, Roll temperature. E. F. Spence and L. T. Lindquist. 2,064,182; Dec. 15.
- Regulator for tubing twistors, Automatic friction. W. Dewhurst. 2,065,060; Dec. 22.
- Regulator for variable capacity compressors. P. E. Kuhl. 2,038,577; Apr. 28.
- Regulator pilot valve. S. B. Redfield. 2,041,148; May 19.
- Regulator with temperature compensation, Voltage. G. W. Speth. 2,055,636; Sept. 29.
- Reheater and superheater, Compensating. C. W. Gordon. 2,053,429; Sept. 8.
- Relaxation oscillation generator. K. Schlesinger. 2,054,882; Sept. 22.
- Relaxation waves, Arrangement for the generation of. D. Prinz and W. Wehnert. 2,036,719; Apr. 7.
- Relay. G. Armstrong and D. Ellis. 2,036,250; Apr. 7.
- Relay. O. D. Grandstaff. 2,051,475; Aug. 18.
- Relay. F. B. Hitchcock. 2,056,147; Sept. 29.
- Relay. L. M. Keefe. 2,057,380; Oct. 13.
- Relay. C. D. Lake and F. E. Hamilton. 2,057,686; Oct. 20.
- Relay. P. L. S. Lum. 2,034,701; Mar. 24.
- Relay. F. W. Lyle. 2,041,079; May 19.
- Relay. R. L. Palmer. 2,053,102; Sept. 1.
- Relay. D. D. Miller. 2,060,235; Nov. 10.
- Relay. H. Moreau. 2,057,902; Oct. 20.
- Relay and relay system. W. J. Hudson. 2,046,748; July 7.
- Relay, Detachable. J. F. Merkel. 2,027,743; Jan. 14.
- Relay, Electric. H. Leben. 2,063,447; Dec. 8.
- Relay, Electric. L. H. Peter and R. M. MacGregor. 2,043,771; June 9.
- Relay motor. L. E. Reid. 2,028,845; Jan. 28.
- Relay, Out-of-synchronism. M. J. Rubel and E. L. Harder. 2,053,446; Sept. 8.
- Relay system. S. H. Kast. 2,042,901; June 2.
- Relay system. W. R. Koch. 2,050,059; Aug. 4.
- Relay system, Protective. W. A. Lewis and R. D. Evans. 2,044,174; June 16.
- Relay valve. S. Vorech and W. A. Eaton. 2,049,984; Aug. 4.
- Releasable coupling. T. M. Myracle. 2,059,175; Oct. 27.
- Releasable jarring tool. E. Burns and H. P. Wickersham. 2,026,931; Jan. 7.
- Release device for fluids under pressure. D. Mapes. 2,036,710; Apr. 7.
- Release device for inflatable flotation devices. H. E. Heigis. 2,036,695; Apr. 7.
- Release device for phonograph records, Automatic. H. G. and A. M. Saal and V. L. Foulds. 2,039,557; May 5.
- Release for hair curlers. T. I. Moseley. 2,063,519; Dec. 8.
- Release mechanism. A. E. Morris. 2,036,953; Apr. 7.
- Release mechanism for aeroplane flotation devices. D. Mapes. 2,039,014; Apr. 28.
- Release mechanism for pressure fluid containers. R. F. Dagnall and J. G. Lambert. 2,028,651; Jan. 21.
- Releasing arrangement for electric switches. E. Besag. 2,029,980; Feb. 4.
- Releasing clamp. J. M. Jester. 2,026,978; Jan. 7.
- Releasing device for refrigerator ice trays. M. H. Greene. 2,052,822; Sept. 1.
- Releasing means for jammed presses. W. Klocke. 2,038,795; Apr. 28.
- Relief valve. W. Czarnecki. 2,050,041; Aug. 4.
- Relief valve. J. T. Marvin. 2,040,776; May 12.
- Relief valve. C. Smith. 2,035,512; Mar. 31.
- Relief valve. E. J. Te Pas. 2,047,654; July 14.
- Reliefs, Making. G. B. Cutts and H. Jackson. 2,047,124; July 7.
- Remote control apparatus. B. O. Browne and H. Morrison. 2,034,708; Mar. 24.
- Remote control apparatus. C. J. Fitch. 2,049,695; Aug. 4.
- Remote control apparatus. A. P. Jackel. 2,061,770; Nov. 24.
- Remote control apparatus. J. W. Luke. 2,055,546; Sept. 29.
- Remote control apparatus. J. A. Serrell. 2,040,447; May 12.
- Remote control apparatus. H. C. Vantassel. 2,053,928; Sept. 8.
- Remote-control device. W. R. Koch. 2,037,383; Apr. 14.
- Remote control device. M. Schleicher and L. Brandenburger. 2,028,626; Jan. 21.
- Remote control device for radio receivers. A. A. Thomas. 2,062,259; Nov. 24.
- Remote control for radio apparatus. J. O. McNary. 2,038,943; Apr. 7.
- Remote control for radio receivers. C. E. Brush. 2,029,461; Feb. 4.
- Remote control for theater lights. R. D. Ross. 2,030,801; Feb. 11.
- Remote control for transmissions. L. A. Bixby. 2,040,594; May 12.
- Remote control operating mechanism. A. J. Hackman. 2,055,347; Sept. 22.
- Remote control system. G. A. Burns and P. F. Gunning. 2,056,770; Oct. 6.
- Remote control system. H. L. Carpenter. 2,041,398; May 19.
- Remote control system. B. W. Jones and L. D. Meeker. 2,032,937; Mar. 3.
- Remote control system. S. H. Lanyon. 2,056,282; Oct. 6.
- Remote control system. R. H. Nisbet. 2,054,945; Sept. 22.
- Remote control system. J. M. Pelikan. 2,038,056; Apr. 21.
- Remote control system. H. S. Polin. 2,029,542; Feb. 4.
- Remote control system. C. Remington. 2,049,621; Aug. 4.
- Remote control system. R. G. Richardson and J. I. Bellamy. 2,049,622; Aug. 4.
- Remote control system. D. G. Taylor. 2,028,110; Jan. 14.
- Remote control system. H. S. Young. 2,063,215; Dec. 8.
- Remote controlled brake. R. E. Miller. 2,061,916; Nov. 24.
- Remote controlling apparatus. L. E. Spray. 2,057,543; Oct. 13.
- Remote pressure control in fluid distribution systems, Method of and apparatus for. E. X. Schmidt. 2,050,020; Aug. 4.
- Removable plug lock. M. Falk. 2,061,456; Nov. 17.
- Removable straightening tool. W. R. Keever. 2,065,896; Dec. 29.
- Rendering process. J. P. Harris. 2,035,126; Mar. 24.
- Repair device for cream separator disks. E. W. Brown. 2,031,250; Feb. 18.
- Repair element for worn plowshares. L. O. Wiese. 2,051,234; Aug. 18.
- Repeater for rolling mills. J. G. McEachern. 2,034,264; Mar. 17.
- Repeater for rolling mills, Channel formed. N. O. J. Ericsson. 2,050,880; Aug. 11.
- Repellent and/or fumigant. E. C. Williams. 2,043,941; June 9.
- Reperforator, Convertible shift. L. M. Potts. 2,057,653; Oct. 13.
- Reproducer and amplifier, Time controlled. P. Koenig. 2,063,385; Dec. 8.
- Reproducer for phonographs. L. D. Norton. 2,061,475; Nov. 17.
- Reproducing apparatus. T. J. Smulski. 2,035,099; Mar. 24.
- Reproducing figure. A. Sofo. 2,063,561; Dec. 8.
- Reproducing machine, Automatic pattern controlled. L. W. Wright. 2,059,505; Nov. 3.
- Reproducing system. T. H. Nakken. 2,039,182; Apr. 28.
- Reproducing system for sound on film. S. C. Whitman. 2,043,871; June 9.
- Reproductions, Making. P. Kimsel. 2,065,316; Dec. 22.
- Reroll mechanism. P. E. Twiss and G. W. Sprenger. 2,034,543; Mar. 17.
- Rescue device. R. A. Nolan. 2,051,056; Aug. 18.
- Reseating and rethreading tool. F. R. West. 2,032,384; Mar. 3.
- Reservoir, Dispensing powder. L. B. Douglass and R. E. Deschner. 2,056,173; Oct. 6.
- Reservoir, Electrically heated hot water. T. Stiebel. 2,051,658; Aug. 18.
- Reservoir, Electrically heated water. T. Stiebel. 2,051,657; Aug. 18.
- Reservoir, Multichambered. L. A. Safford. 2,037,151; Apr. 14.
- Reset fuse plug. D. S. Rivers and R. B. Storms. 2,044,449; June 16.
- Resetting device for counters. M. L. Jeffrey. 2,035,891; Mar. 31.
- Resilience and stiffness testing device. V. L. Ronci and D. A. S. White. 2,034,879; Mar. 24.
- Resilient article and making the same. J. C. Patrick. 2,049,974; Aug. 4.
- Resilient attaching clip. E. D. Janes. 2,048,744; July 28.
- Resilient car wheel. R. J. Wittmer. 2,037,188; Apr. 14.
- Resilient coupling. A. Maurer. 2,042,069; May 26.
- Resilient device. W. W. LiHard. 2,037,728; Apr. 21.
- Resilient joint. J. W. Leighton. 2,030,750; Feb. 11.
- Resilient means. J. Siebert. 2,056,625; Oct. 6.
- Resilient means for bath brushes. R. W. Beck and G. A. Rogge. 2,039,052; Apr. 28.
- Resilient motor support. C. Saurer. 2,034,640; Mar. 17.
- Resilient or cushion wheel. F. Mead. 2,050,441; Aug. 11.
- Resilient suspension. E. F. Zaparka. 2,049,555; Aug. 4.
- Resilient wheel. E. H. Piron. 2,033,862; Mar. 10.
- Resin and forming it into a sheet, Plasticizing a. E. H. Haux. 2,046,378; July 7.
- Resin and making it, Modified vinyl. I. M. Jacobsohn. 2,050,843; Aug. 11.
- Resin and method of producing, Synthetic. H. H. Coburn. 2,047,004; July 7.
- Resin and preparation, Synthetic. C. P. Haskins. 2,031,481; Feb. 18.
- Resin, Artificial. E. C. Kneale and H. H. Wohlgemuth. 2,064,614; Dec. 15.
- Resin compositions and preparing same. M. L. Macht and A. F. Randolph. 2,056,794; Oct. 6.
- Resin compositions and preparing same, Polyvinyl. M. L. Macht and A. F. Randolph. 2,056,796; Oct. 6.
- Resin compositions, preparing. M. L. Macht and A. F. Randolph. 2,056,793; Oct. 6.
- Resin esters and their production, Hydrogenated. I. W. Humphrey. 2,051,796; Aug. 18.
- Resin extrusion mix and making the same, Vinyl acetal. E. H. Haux. 2,062,750; Dec. 1.
- Resin for varnishes, Synthetic. A. J. Norton and F. W. Less. 2,040,812; May 12.
- Resin from trees, Obtaining. M. Hessenland and R. Böttcher. 2,063,163; Dec. 8.



- Resin from trees, Producing. M. Hessenland, H. Kublun, and H. Splitter. 2,053,031; Sept. 1.
- Resin, Method and apparatus for cutting phenolic. G. Bauer. 2,049,412; Aug. 4.
- Resin, Oil soluble. M. T. Harvey. 2,051,765; Aug. 18.
- Resin or balsam prepared with the aid of a reaction-modifier and making same. C. Ellis. 2,056,656; Oct. 6.
- Resin, Prepared. C. A. Hochwalt. 2,035,233; Mar. 24.
- Resin, Prepared. C. A. Thomas. 2,039,363; May 5.
- Resin, Prepared. C. A. Thomas. 2,039,367; May 5.
- Resin, Prepared. C. A. Thomas and W. H. Carmody. 2,062,845; Dec. 1.
- Resin, Producing a synthetic. G. W. Seymour. 2,041,783; May 26.
- Resin product and process, Synthetic. P. M. Hennegan and R. A. Swain. 2,059,791; Nov. 3.
- Resin, Synthetic. M. M. Brubaker. 2,035,528; Mar. 31.
- Resin, Synthetic. M. M. Brubaker. 2,046,318; July 7.
- Resin, Synthetic. G. D. Graves. 2,057,676; Oct. 20.
- Resin, Synthetic. V. L. Hansley and N. D. Scott. 2,035,314; Mar. 24.
- Resin, Synthetic. H. S. Rothrock. 2,054,099; Sept. 15.
- Resin, Synthetic. N. D. Scott. 2,035,346; Mar. 24.
- Resin, Synthetic. G. W. Seymour. 2,038,764; Apr. 28.
- Resin, Synthetic. F. C. Wagner. 2,035,578; Mar. 31.
- Resin, Treatment of low grade. W. B. Logan and I. Knapp. 2,033,947; Mar. 17.
- Resinous bodies and varnishes obtained therewith. K. Ott, H. Bernard, and F. Frick. 2,044,747; June 16.
- Resinous compositions. J. A. Arvin. 2,058,394; Oct. 27.
- Resinous composition. S. E. Chubb. 2,040,687; May 12.
- Resinous compositions. W. Durant and P. H. Scrutcheff. 2,060,665; Nov. 10.
- Resinous composition. C. Sly. 2,035,348; Mar. 24.
- Resinous composition and making same. H. L. Bender. 2,041,453; May 19.
- Resinous condensation product and producing same. I. Rosenblum. 2,064,950; Dec. 22.
- Resinous materials and hardening and molding them. A. M. Howald. 2,056,453; Oct. 6.
- Resinous materials, Molding. J. L. Rodgers and A. M. Howald. 2,056,436; Oct. 6.
- Resinous material suitable for use in compounding chewing gum, Producing. G. A. Hatherell. 2,036,577; Apr. 7.
- Resinous products. L. H. Fitch, Jr. 2,045,592; June 30.
- Resinous products from chlorinated oxidized fatty oils. J. S. Long and G. L. Ball, Jr. 2,044,007; June 16.
- Resinous products, Preparing odorless synthetic. G. E. Landt. 2,027,988; Jan. 14.
- Resinous product, Synthetic. W. Baird and R. Hill. 2,059,842; Nov. 3.
- Resinous products, Treating. G. M. Kuettel. 2,044,579; June 16.
- Resins and artificial masses by condensation of dicyandiamide with formaldehyde, Manufacture of artificial. K. Ripper. 2,060,122; Nov. 10.
- Resins and asphaltenes, Preparing. S. C. Fulton. 2,055,486; Sept. 29.
- Resins and compositions, Synthetic. H. L. Bender. 2,034,457; Mar. 17.
- Resins and making same, Infusible synthetic. A. Gams, G. Widmer, and K. Frey. 2,031,260; Feb. 18.
- Resins and making same, Synthetic. A. Gams and T. Sutter. 2,033,823; Mar. 10.
- Resins and making same, Synthetic. T. Sutter. 2,034,597; Mar. 17.
- Resins and making same, Synthetic. T. Sutter. 2,038,142; Apr. 21.
- Resins and making same, Synthetic. T. Sutter. 2,042,741; June 2.
- Resins and making same, Vinyl ester. G. O. Morrison, F. W. Skirrow, and K. G. Blaikie. 2,036,092; Mar. 31.
- Resins and making the same, Potential. A. M. Howald. 2,056,458; Oct. 6.
- Resins and making the same, Potential. A. M. Howald. 2,056,460; Oct. 6.
- Resins and making them, Artificial. A. Voss and E. Dickhäuser. 2,047,398; July 14.
- Resins and preparing the same, Synthetic. J. G. E. Wright. 2,036,009; Mar. 31.
- Resins containing nitrogen. C. H. Greenewalt. 2,063,158; Dec. 8.
- Resins, Decolorization of. C. A. Thomas and W. H. Carmody. 2,060,404; Nov. 10.
- Resins, Dispersed gelled. M. M. Brubaker. 2,057,766; Oct. 20.
- Resins in liquids, Dispersion of synthetic. H. W. Hutton. 2,040,000; May 5.
- Resins, Making oil soluble. M. T. Harvey. 2,051,767; Aug. 18.
- Resins, Making phenol-type. M. T. Harvey. 2,051,766; Aug. 18.
- Resins, Making phenolic. F. M. Murdock. 2,037,585; Apr. 14.
- Resins, Manufacture of. W. B. Borst. 2,066,090; Dec. 29.
- Resins, Manufacture of. W. B. Borst and C. G. Gerhold. 2,035,860; Mar. 31.
- Resins, Manufacture of. A. Heck. 2,027,337; Jan. 7.
- Resins, Manufacture of. J. C. Morrell. 2,066,120; Dec. 29.
- Resins, Manufacture of. G. H. Wilder. 2,035,515; Mar. 31.
- Resins, Manufacture of phenol-aldehyde. G. H. Wilder. 2,058,649; Oct. 27.
- Resins, Manufacture of synthetic. H. G. Berger. 2,043,824-5; June 9.
- Resins of amine-aldehyde type, Manufacture of synthetic. T. Sutter. 2,029,954; Feb. 4.
- Resins of petroleum origin, Manufacture of synthetic. S. C. Fulton and J. Kunc. 2,038,558; Apr. 28.
- Resins, Polymerization of. G. K. Anderson. 2,047,245; July 14.
- Resins, Polymerization of. G. K. Anderson. 2,047,247; July 14.
- Resins, Polymerization of. G. K. Anderson and W. H. Carmody. 2,047,246; July 14.
- Resins, Preparation of cast. G. M. Kuettel. 2,063,315; Dec. 8.
- Resins prepared from petroleum, Aldehyde synthetic. S. C. Fulton. 2,035,123; Mar. 24.
- Resins, Producing vinyl. E. W. Reid. 2,064,565; Dec. 15.
- Resins, Production of artificial. H. Krzikalla and W. Wolff. 2,039,243; Apr. 28.
- Resins, Production of molding. K. M. Irey and L. C. Swallen. 2,059,526; Nov. 3.
- Resins, Synthetic. J. A. Arvin. 2,060,715-6; Nov. 10.
- Resins, Synthetic. G. Balle. 2,060,410; Nov. 10.
- Resins, Synthetic. E. K. Bolton. 2,048,774; July 28.
- Resins, Synthetic. M. M. Brubaker. 2,047,668; July 14.
- Resins, Synthetic. C. Coolidge. 2,059,850; Nov. 3.
- Resins, Synthetic. G. D. Graves. 2,059,943; Nov. 3.
- Resins, Synthetic. K. Loos. 2,058,475; Oct. 27.
- Resins, Synthetic. H. S. Rothrock. 2,058,510; Oct. 27.
- Resins, Treatment of. S. P. Miller. 2,064,487; Dec. 15.
- Resins with other material, Mixing. L. W. Murray and R. L. Seabury. 2,042,679; June 2.
- Resist effects with azo dyestuffs. C. S. Parker, C. L. Wall, and F. Farrington. 2,031,546; Feb. 18.
- Resistance, Adjustable. E. R. Stoekle. 2,041,380; May 19.
- Resistance device. R. A. Ogg. 2,047,796; July 14.
- Resistance element. N. C. Schellenger. 2,061,106; Nov. 17.
- Resistance element. N. C. Schellenger and W. E. Haselwood. 2,041,213; May 19.
- Resistance elements, Making. R. H. Hobrock. 2,057,431; Oct. 13.
- Resistance elements, Making. N. C. Schellenger. 2,061,107; Nov. 17.
- Resistance unit. J. H. Hertner. 2,059,349; Nov. 3.
- Resistance unit. J. J. Mucher. 2,036,071; Mar. 31.
- Resistance unit. J. J. Mucher. 2,039,974; May 5.
- Resistance unit. J. J. Mucher. 2,046,129; June 30.
- Resistance unit. H. Pender. 2,052,533; Aug. 25.
- Resistance unit. H. A. Triplett and A. Ramsey. 2,062,536; Dec. 1.
- Resistance unit and mounting therefor. N. J. Conrad. 2,062,163; Nov. 24.
- Resistance units, Making. G. F. Magdziarz. 2,056,928; Oct. 6.
- Resister, Age. A. M. Clifford. 2,061,451; Nov. 17.
- Resistor. F. L. Creager. 2,051,517; Aug. 18.
- Resistor. H. Pender. 2,063,826; Dec. 8.
- Resistor. H. A. Williams. 2,063,357; Dec. 8.
- Resistor in igniter circuits. F. A. Maxfield and L. W. Smede. 2,036,227; Apr. 7.
- Resistor unit. B. B. Minnium. 2,046,922; July 7.
- Resistor unit and forming the same, Fixed. H. G. Thomson. 2,037,951; Apr. 21.
- Resistor unit, Variable. P. Kotowski. 2,042,606; June 2.
- Resistors, Producing. B. B. Minnium and L. Berry. 2,052,839; Sept. 1.
- Resizing and drying machine. W. Alcorn and L. Hamiter. 2,027,894; Jan. 14.
- Resonator, Dual. A. F. Gillet. 2,062,571; Dec. 1.
- Resonator for stringed musical instruments. R. Dopyera. 2,029,469; Feb. 4.
- Resorcinols, Alkyl. W. E. Austin. 2,030,423; Feb. 11.
- Respiration method and apparatus. E. I. McKesson. 2,063,043; Dec. 8.
- Respirator. H. S. Cover. 2,053,896; Sept. 8.
- Respirator. H. S. Cover. 2,065,304; Dec. 22.
- Respirator. D. H. Roche. 2,056,692; Oct. 6.
- Respirator. D. H. Roche. 2,063,053; Dec. 8.
- Respirator. F. Wahlert. 2,065,775; Dec. 29.
- Respirator, Nasal. H. J. Weaver. 2,055,855; Sept. 29.
- Respiratory actuating means for generators. G. F. Archer. 2,029,148; Jan. 28.
- Respiratory apparatus. J. M. C. Giraudet de Boudemange. 2,048,059; July 21.
- Rest, Embalmer's arm and leg. J. L. Starbuck. 2,047,441; July 14.
- Restraining device. J. Lawrence. 2,062,586; Dec. 1.
- Resurfacing tool, Portable. J. L. Tuttle. 2,053,644; Sept. 8.
- Resuscitating apparatus. L. V. Snyder and T. Leggerie. 2,036,371; Apr. 7.
- Resuscitator. T. E. Acklen. 2,036,248; Apr. 7.
- Retainer. M. M. Plunkett. 2,036,772; Apr. 7.
- Retainer for antifriction bearings. G. R. Bott. 2,038,095; Apr. 21.
- Retainer for fluids under pressure. S. Miller. 2,058,030; Oct. 20.
- Retainer for weather strip. D. H. Harnly. 2,040,133; May 12.



- Retaining means for piston pin roller bearings. F. G. Shoemaker. 2,043,014; June 2.
- Retaining means for rubber linings. J. A. Porteous. 2,058,257; Oct. 20.
- Retaining means for shock absorbing mechanism. R. J. Olander. 2,038,673; Apr. 28.
- Retaining mechanism for casters or the like. H. M. Epstein. 2,051,251; Aug. 18.
- Retardation control equipment. G. W. Baughman. 2,048,318; July 21.
- Retardation controller. G. W. Baughman. 2,052,205; Aug. 25.
- Retardation controller. J. W. Logan, Jr. 2,032,178; Feb. 25.
- Retardation controller device. J. W. Logan, Jr. 2,061,912; Nov. 24.
- Retarder. W. T. Murden. 2,049,972; Aug. 4.
- Retort construction. J. N. Vandergrift. 2,041,882; May 26.
- Retort for the carbonization of coal and like carbonaceous materials, Vertical. F. J. and E. West. 2,040,583; May 12.
- Retort for the carbonization of coal and the like, Vertical. F. J. and E. West. 2,040,582; May 12.
- Retort for use in the low temperature distillation of carbonaceous material. R. Addy and S. Gill. 2,037,556; Apr. 14.
- Retort, Skelp. J. L. Anderson. 2,053,234; Sept. 1.
- Retort, Skelp. J. L. Anderson. 2,053,235; Sept. 1.
- Retorts and chamber ovens, Operation of. F. Breitbach. 2,065,963; Dec. 29.
- Retorts to produce coke, gas, and oil, Operating. A. W. Warner. 2,026,923; Jan. 7.
- Retractable auxiliary wheel. A. Raffa. 2,062,931; Dec. 1.
- Retractable landing gear. H. L. Adams. 2,065,414; Dec. 22.
- Retractable landing gear. G. M. Bellanca. 2,051,021; Aug. 18.
- Retractable landing gear. G. Loening. 2,039,813; May 5.
- Retractable landing gear. G. A. Luburg. 2,034,106; Mar. 17.
- Retractable landing gear. R. W. Morse and L. A. Wood. 2,065,146; Dec. 22.
- Retractable landing gear. C. W. Steward. 2,044,338; June 16.
- Retractable roller screen. A. Lang. 2,065,813; Dec. 29.
- Retractor, Universal self-retaining. P. P. Grosso. 2,053,868; Sept. 8.
- Return bend. F. C. Fantz. 2,046,155; June 30.
- Return bend. H. E. Muchnic. 2,028,467; Jan. 21.
- Return bend assembly. M. P. Youker. 2,056,640; Oct. 6.
- Return bend for cracking stills. C. E. Ard. 2,030,493; Feb. 11.
- Return bend for oil stills. F. C. Fantz. 2,046,156; June 30.
- Return bend for oil stills and the like. H. E. Muchnic. 2,046,029; June 30.
- Reverse gear. F. N. Bard, C. L. Charles, and T. C. Gray. 2,029,404; Feb. 4.
- Reverse gear valve. C. L. Charles. 2,050,421; Aug. 11.
- Reversible motor. C. H. Palmer. 2,039,184; Apr. 28.
- Reversible reclining chair. A. B. Bell. 2,056,246; Oct. 6.
- Reversible shaded pole motor. C. G. Suits. 2,027,846; Jan. 14.
- Reversing and change speed mechanism for metal working machinery. H. A. Dingeldein. 2,055,523; Sept. 29.
- Reversing mechanism. W. J. Pearmain. 2,052,651; Sept. 1.
- Reversing mechanism for dry gas meters. W. Holm. 2,063,164; Dec. 8.
- Reversing mechanism for power engines. A. Renner. 2,042,551; June 2.
- Reversing valve. H. Hellan. 2,048,696; July 28.
- Revetment. J. R. Fordyce. 2,047,197; July 14.
- Revetment mat. W. L. Scholoss and E. G. Bell. 2,051,578; Aug. 18.
- Revetments, Constructing. G. H. Matthes. 2,028,794; Jan. 28.
- Revoluble gate. W. J. Kennedy. 2,054,701; Sept. 15.
- Revolution counter. W. D. Marsh. 2,038,946; Apr. 28.
- Rheostat. N. C. Schellenger. 2,043,777; June 9.
- Rheostat. D. T. Siegel. 2,040,278; May 12.
- Rheostat. M. Takanashi. 2,058,525; Oct. 27.
- Rheostat and potentiometer. D. T. Siegel. 2,040,277; May 12.
- Rhodamine coloring matters and preparing the same. M. Weller. 2,031,023; Feb. 18.
- Rhodium. Electrodeposition of. S. Cohn. 2,057,475-6; Oct. 13.
- Rhodium plating, Stripping. K. Schumpelt. 2,057,271-2; Oct. 13.
- Rib, Cotton gin. G. W. and J. F. Cordell. 2,055,573; Sept. 29.
- Ribbon construction. N. M. Caplain. 2,048,425; July 21.
- Ribbon control for calculating machines, Automatic. R. A. Christian. 2,038,716; Apr. 28.
- Ribbon for typewriters and other machines. J. A. L. Möller. 2,054,264; Sept. 15.
- Ribbon loom. W. Nicolet. 2,065,286; Dec. 22.
- Ribbon, Ornamental. J. R. Sexton and J. A. Vivari. 2,059,285; Nov. 3.
- Ribbon weaving. W. Nicolet. 2,055,553; Sept. 29.
- Ribbons, straw and the like, Manufacture of artificial. H. Dreyfus. 2,031,636; Feb. 25.
- Rice, Canning. T. Domoto. 2,055,120; Sept. 22.
- Rice flakes, Manufacture of. E. O. Stokkebye. 2,064,701; Dec. 15.
- Riders, Making. D. Marinsky. 2,042,541; June 2.
- Ridge breaker. M. B. Woods. 2,065,956; Dec. 29.
- Riding saddle frame. G. Knetsch. 2,034,474; Mar. 17.
- Rifle front sight, Full view. O. E. Forsling. 2,028,055; Jan. 14.
- Rifle magazine, Spiral groove. F. A. Dickinson. 2,064,888; Dec. 22.
- Rifle sight. L. C. Goudeau. 2,052,562; Sept. 1.
- Rifle sight, Front. O. E. Forsling. 2,058,305; Oct. 20.
- Rifle, Small bore target. R. Wiles. 2,062,079; Nov. 24.
- Rifle telescope sight. W. R. Weaver. 2,064,329; Dec. 15.
- Rigging for saddles. E. O. Wilson. 2,037,406; Apr. 14.
- Rim. H. L. Mueller. 2,065,088; Dec. 22.
- Rim and quick detachable section. E. A. Corbin, Jr. 2,059,851; Nov. 3.
- Rim construction. A. H. Brown, Jr. 2,033,876; Mar. 10.
- Rim construction and making the same. H. D. Sill. 2,034,360; Mar. 17.
- Rim, Detachable. J. W. Mijnsen. 2,062,722; Dec. 1.
- Rim for containers, Forming a. C. M. MacChesney and A. B. Wilson. 2,047,213; July 14.
- Rim for vehicle wheels, Detachable. J. W. Mijnsen. 2,065,866; Dec. 29.
- Rim for venting tires. B. Darrow. 2,033,882; Mar. 10.
- Rim tool. F. E. Demmer. 2,050,167; Aug. 4.
- Rims, Apparatus for making. A. B. Wilson. 2,047,812; July 14.
- Ring: See—
- |                            |                            |
|----------------------------|----------------------------|
| Basket ball practice ring. | Piston compression ring.   |
| Catch and connecting ring. | Piston oil ring.           |
| Container ring.            | Piston packing ring.       |
| Finger ring.               | Piston ring.               |
| Folded and pressed ring.   | Reinforced clutch ring.    |
| Jar sealing ring.          | Silver faced slip ring.    |
| Key ring.                  | Spinning or twisting ring. |
| Oil excluding ring.        | Spinning ring.             |
| Packing ring.              |                            |
- Ring. J. Granat. 2,061,655; Nov. 24.
- Ring. E. Moldenhauer. 2,048,878; July 28.
- Ring and making it, Finger. S. H. Grobman. 2,052,290; Aug. 25.
- Ring and method of making, Finger. G. P. Grant. 2,057,484; Oct. 13.
- Ring and other ornamental articles, Finger. J. Pejchar. 2,035,244; Mar. 24.
- Ring and producing same, Jewelry. E. Bager. 2,050,253; Aug. 11.
- Ring and producing same, Piston. C. R. Short. 2,061,780; Nov. 24.
- Ring and the like, Finger. R. Marcher. 2,045,665; June 30.
- Ring and traveler for spinning and twisting frames. R. Ragan. 2,042,628; June 2.
- Ring and traveller for spinning and twisting frames. R. Ragan. 2,049,020; July 28.
- Ring attachment for shafts, Retaining. S. T. Moreland. 2,032,491; Mar. 3.
- Ring binder construction. J. Schade. 2,061,676; Nov. 24.
- Ring ensemble, Locked. J. Granat. 2,059,228; Nov. 3.
- Ring for axle bearings, Water excluding. J. Hektner. 2,055,532; Sept. 29.
- Ring for locomotive rod pins, Oil. W. J. Wood. 2,057,222; Oct. 13.
- Ring for mold wheels, Removable. G. R. Bacon. 2,052,378; Aug. 25.
- Ring for securing heads to containers. J. B. Norwood. 2,040,779; May 12.
- Ring-grinding mill, Centrifugal. J. J. Moisan. 2,038,231; Apr. 21.
- Ring guard. F. Berman. 2,048,317; July 21.
- Ring holding apparatus. W. A. Oubridge. 2,027,116; Jan. 7.
- Ring, Making a finger. T. E. Foster. 2,036,688; Apr. 7.
- Ring plate valve. J. H. H. Voss. 2,035,776; Mar. 31.
- Ring rolling mill. H. Edelmeier. 2,049,202; July 28.
- Ring sight. J. P. Gaty. 2,049,496; Aug. 4.
- Ring spinning, Floating. E. G. Guenther. 2,051,209; Aug. 18.
- Ring spinning machine, Traveler type. F. M. Roddy. 2,033,741; Mar. 10.
- Ring traveler. O. B. Land. 2,064,548; Dec. 15.
- Ring traveler. J. M. McLeod. 2,035,973; Mar. 31.
- Ring traveler. P. C. Wentworth. 2,052,735; Sept. 1.
- Ring with sectional packing rings, Bull. L. W. Hance. 2,040,808; May 12.
- Rings, Apparatus for casting interlocking. M. Rich. 2,051,653; Aug. 18.
- Rings, Making. P. J. Fitzgerald. 2,036,801; Apr. 7.
- Rinse circulator. J. H. Brewer. 2,033,812; Mar. 10.
- Rinsing equipment. H. E. Schulse. 2,065,347; Dec. 22.
- Riser post connector. F. O. Budnick. 2,050,559; Aug. 11.
- Rivet. L. C. Huck. 2,030,169-70; Feb. 11.
- Rivet. L. C. Huck. 2,061,629; Nov. 24.
- Rivet. R. A. Miller. 2,030,167-8; Feb. 11.
- Rivet and setting same. W. E. Morris. 2,038,189; Apr. 21.
- Rivet and setting the same. L. C. Huck. 2,030,165-6; Feb. 11.
- Rivet-backing machine. E. Halin. 2,042,936; June 2.
- Rivet, Expansion. A. A. Kirley. 2,065,333; Dec. 22.
- Rivet, Hollow. W. E. Meissner. 2,058,338; Oct. 20.



- Rivet of high-grade steel. H. Buchholtz. 2,062,966; Dec. 1.
- Rivet set cooling device. G. M. Nell. 2,053,676; Sept. 8.
- Rivet setting machine. L. C. Huck. 2,053,716; Sept. 8.
- Rivet setting machine. L. C. Huck and G. T. Chapman. 2,053,718; Sept. 8.
- Rivet setting machine. L. C. Huck, G. T. Chapman, W. E. Morris, and R. A. Miller. 2,053,719; Sept. 8.
- Rivet setting machine. L. C. Huck and R. A. Miller. 2,053,717; Sept. 8.
- Rivet, Steel-alloy. H. Buchholtz. 2,051,937; Aug. 25.
- Rivet, Trolley. T. J. Byrnes. 2,038,824; Apr. 28.
- Riveted structure and making the same. L. C. Huck. 2,061,628; Nov. 24.
- Riveting. S. I. Vaughn and E. N. Fabing. 2,047,341; July 14.
- Riveting machine. A. R. Havener. 2,045,550; June 23.
- Riveting machine. L. C. Huck. 2,053,720; Sept. 8.
- Riveting machine, Mechanical. A. A. Norin and A. M. Olson. 2,037,476; Apr. 14.
- Riveting mouse. A. D. Baker. 2,028,890; Jan. 28.
- Riveting tool. L. P. Kamosis. 2,061,660; Nov. 24.
- Rivets, Making. L. C. Huck. 2,040,939; May 19.
- Rivets, Manufacturing. L. C. Huck. 2,030,171; Feb. 11.
- Rivets, Manufacturing. L. C. Huck and W. E. Morris. 2,054,629; Sept. 15.
- Rivets, Producing aluminum alloy. S. E. Hybinette and J. E. Tingay. 2,062,977; Dec. 1.
- Roach trap. W. Pierpoint. 2,054,730; Sept. 15.
- Road building machine. H. H. Barber. 2,064,807; Dec. 22.
- Road chair. O. N. Whitehead. 2,064,705; Dec. 15.
- Road divide. O. J. Morrison. 2,066,219; Dec. 29.
- Road edge determining guide. M. W. Reeves. 2,046,581; July 7.
- Road finishing apparatus. J. H. Mosel. 2,038,498; Apr. 21.
- Road guard construction. F. L. Carswell and O. W. Schmidt. 2,047,990; July 21.
- Road joint apparatus. W. S. Edge and O. F. Arthur. 2,053,900; Sept. 8.
- Road joint former and load distributor. R. R. Robertson. 2,027,201; Jan. 7.
- Road joint former with plastic support for filler bridges. R. R. Robertson. 2,032,814; Mar. 3.
- Road joint forming means and constructions making use thereof. F. O. Parker. 2,063,749; Dec. 8.
- Road joint mechanism with void forming unit. R. R. Robertson. 2,027,553; Jan. 14.
- Road machine. C. A. Gustafson. 2,032,088; Feb. 25.
- Road machine. C. A. Gustafson. 2,034,141; Mar. 17.
- Road machine. C. A. Gustafson. 2,037,720; Apr. 21.
- Road machine. C. A. Gustafson. 2,064,829; Dec. 22.
- Road machine. J. B. Jarmin. 2,055,767; Sept. 29.
- Road making. F. A. Pease. 2,039,026; Apr. 28.
- Road material, Manufacture of bituminous. J. Radcliffe. 2,037,147; Apr. 14.
- Road mixtures, Producing bituminous. L. Kirschbraun. 2,046,902; July 7.
- Road paving. H. Plauson. 2,026,988; Jan. 7.
- Road reconditioning machine. B. H. Flynn. 2,027,685; Jan. 14.
- Road reconditioning method and machine. B. H. Flynn. 2,053,709; Sept. 8.
- Road-repairing machine. C. G. Porterfield. 2,048,813; July 28.
- Road roller. C. F. Greiner. 2,029,659; Feb. 4.
- Road roller. C. F. Greiner. 2,055,974; Sept. 29.
- Road sanding machine. A. C. Bissell. 2,057,759; Oct. 20.
- Road sanding mechanism. C. H. Johnson. 2,059,950; Nov. 3.
- Road slab side edge reenforcer. R. R. Robertson. 2,046,183; June 30.
- Road striping machine. J. H. Ball. 2,044,558; June 16.
- Road surface mixer. T. E. Chamberlain. 2,030,683; Feb. 11.
- Road surface mixing device. F. E. Aherne. 2,031,628; Feb. 25.
- Road surfaces, Treating. E. O. Rhodes. 2,039,450; May 5.
- Roadway. W. M. Caye. 2,057,708; Oct. 20.
- Roadway construction. R. C. Olmsted. 2,029,892; Feb. 4.
- Roadway joint strip. W. F. Schulz. 2,046,297; June 30.
- Roadway machine. M. D. Bowen. 2,027,628-30; Jan. 14.
- Roads, Apparatus for building. J. H. Mosel. 2,054,436-7; Sept. 15.
- Roads, Apparatus for leveling. C. N. Pogue. 2,062,232; Nov. 24.
- Roads, Building. H. Plauson. 2,026,989; Jan. 7.
- Roads, Constructing, repairing, and widening concrete. J. W. Isett. 2,039,420; May 5.
- Roads, Making. J. F. Robb. 2,063,400; Dec. 8.
- Roaster and grinder, Combined coffee. R. B. Whitfield. 2,045,211; June 23.
- Roaster with air cooled drip pan, Symmetrical vertical. A. Walterspiel. 2,049,481; Aug. 4.
- Roasting and grinding machine, Combined. A. Karlsson-Ygger. 2,044,489; June 16.
- Roasting apparatus. F. E. Kip. 2,047,565; July 14.
- Roasting apparatus. H. H. Stout and J. M. Samuel. 2,046,753; July 7.
- Roasting apparatus. M. D. Woodruff, W. H. Mechlin, and J. Markley. 2,031,086; Feb. 18.
- Roasting machine. P. Berger. 2,041,318; May 19.
- Roasting machine. E. G. Lanzi and M. Holny. 2,063,446; Dec. 8.
- Robbery prevention apparatus. G. R. Eldred. 2,033,694; Mar. 10.
- Robe and rug, Combination beach. T. J. Smutny. 2,040,029; May 5.
- Robe holding device. W. G. Hollingsworth. 2,058,982; Oct. 27.
- Robe, Sleeping. H. C. Bulpit and S. S. Holden. 2,064,458; Dec. 15.
- Robe support and bracket therefor, Automobile. A. Claud-Mantle. 2,031,496; Feb. 18.
- Robot navigator. F. A. Fowler. 2,058,306; Oct. 20.
- Rock bit. J. C. Wright and J. H. Howard. 2,049,581; Aug. 4.
- Rock, Digesting phosphate. W. R. Seyfried. 2,061,639; Nov. 24.
- Rock drill. L. C. Bayles. 2,036,675; Apr. 7.
- Rock drill. E. J. Bowman. 2,037,307; Apr. 14.
- Rock drill. J. C. Curtis. 2,055,520; Sept. 29.
- Rock drill. E. G. Gartin. 2,030,981; Feb. 18.
- Rock drill. E. G. Gartin. 2,039,311; May 5.
- Rock drill. E. G. Gartin. 2,047,125; July 7.
- Rock drill. E. G. Gartin. 2,057,188; Oct. 13.
- Rock drill. E. G. Gartin. 2,062,992; Dec. 1.
- Rock drill. M. C. Huffman. 2,047,965; July 21.
- Rock drill. M. C. Huffman. 2,061,908; Nov. 24.
- Rock drill. C. Morris. 2,051,053; Aug. 18.
- Rock drill. W. Noble. 2,062,817; Dec. 1.
- Rock drill. C. F. Osgood. 2,047,981; July 21.
- Rock drill. F. M. Slater. 2,059,048; Oct. 27.
- Rock drill. W. A. Smith, Sr. 2,046,135; June 30.
- Rock drill. E. F. Terry. 2,034,122; Mar. 17.
- Rock drill. E. F. Terry. 2,048,958; July 28.
- Rock drill bit. J. H. Howard. 2,051,525; Aug. 18.
- Rock drill feeding means. W. Noble. 2,038,595; Apr. 28.
- Rock drill rifle nut and making same. W. Noble. 2,061,807; Nov. 24.
- Rock to eliminate fluorine, Treating phosphate. H. A. Curtis. 2,044,774; June 23.
- Rocker, Baby. C. I. Sweet. 2,061,527; Nov. 17.
- Rocker, Barrel. M. E. Bretschger. 2,036,791; Apr. 7.
- Rocker centering structure. W. H. Meyer and E. G. Hallquist. 2,033,726; Mar. 10.
- Rocker shaft bearing for looms. W. R. Stone. 2,049,753; Aug. 4.
- Rocker side bearing. J. F. Holloway. 2,049,393; July 28.
- Rocker stud bearing. W. T. Thacker. 2,066,240; Dec. 29.
- Rocket. L. A. Skinner. 2,043,268; June 9.
- Rocket engine. W. R. Menzies. 2,041,081; May 19.
- Rocking chair. P. Walenta. 2,046,858; July 7.
- Rocking chair, Folding. E. B. Staley. 2,048,147; July 21.
- Rocking device. E. C. Claus. 2,032,049; Feb. 25.
- Rod: See—
- Coated welding rod. Spring curtain rod.
- Connecting rod. Sucker rod.
- Curtain rod. Surveying rod.
- Electrode or welding rod. Towel rod.
- Fishing rod. Ullage rod.
- Ground rod. Weld rod.
- Piston and connecting rod. Welding rod.
- Safety steering rod.
- Rod and making the same, Connecting. F. E. Lonas and F. C. Booth. 2,053,962; Sept. 8.
- Rod and supporting means therefor. J. G. Blunt. 2,033,109; Mar. 10.
- Rod attachment, Casting. W. S. Proudfit. 2,065,153; Dec. 22.
- Rod coupling. D. T. Bolling. 2,060,548; Nov. 10.
- Rod driver. K. R. Brown. 2,033,227; Mar. 10.
- Rod fastening, Torsion. A. Patzig. 2,058,618; Oct. 27.
- Rod for arc welding, Welding. A. M. Ross. 2,060,441; Nov. 10.
- Rod for switch stands, Safety connecting. J. B. Strong. 2,041,382; May 19.
- Rod gripping device. J. P. Ratigan. 2,061,102; Nov. 17.
- Rod-like articles, Making coated. J. N. Whitehouse. 2,028,083; Jan. 14.
- Rod line adjuster, Automatic. W. S. Geary. 2,063,802; Dec. 8.
- Rod line carrier. H. G. Durnell and S. T. Steel. 2,053,705; Sept. 8.
- Rod line connector control. I. L. Dunn. 2,062,258; Nov. 24.
- Rod line idler. D. Erickson. 2,044,526; June 16.
- Rod line support. J. L. Foster. 2,060,188; Nov. 10.
- Rod or tool connector. J. H. Blake. 2,032,196; Feb. 25.
- Rod packing. F. N. Mason. 2,050,620; Aug. 11.
- Rod packing device and rod guide. C. F. Moseley. 2,056,687; Oct. 6.
- Rodding and tamping machine for concrete. R. J. Noble. 2,030,315; Feb. 11.
- Rods and blank therefor, Making tie. L. W. G. Flynt. 2,060,358; Nov. 17.
- Rods, Production of wooden. L. B. Carlson. 2,055,401; Sept. 22.
- Rodent poison spreader. G. Rebbahn. 2,046,089; June 30.
- Rodent trap. D. Appiani. 2,056,882; Oct. 6.
- Roll. J. F. Joseph. 2,062,317; Dec. 1.
- Roll. A. C. Lade. 2,063,608; Dec. 8.
- Roll adjuster mechanism, Hydraulic. W. G. McFadden. 2,027,283; Jan. 7.
- Roll and making the same. D. Lewis. 2,063,815; Dec. 8.



- Roll and operating same, Multiple-web. A. W. Metzner and J. Q. Sherman. 2,061,713; Nov. 24.
- Roll and producing same, Processing. F. C. T. Daniels. 2,061,300; Nov. 17.
- Roll and protector. J. C. Nichols. 2,059,267; Nov. 3.
- Roll bearing reproducible matter thereon and producing the same. A. E. Wier. 2,036,666; Apr. 7.
- Roll, Bowed expander. C. W. Shute. 2,040,411; May 12.
- Roll changing apparatus. C. F. Buente. 2,037,210; Apr. 14.
- Roll chuck assembly for rolling mills of the backed-up working roll type. H. H. Talbot. 2,042,871; June 2.
- Roll, Coated rolling mill. J. E. Montgomery and P. E. Jones. 2,059,384; Nov. 3.
- Roll construction, Crushing. G. E. Krider. 2,065,471; Dec. 22.
- Roll cooling means. A. B. Montgomery. 2,033,046; Mar. 3.
- Roll, Dandy. P. S. Sinclair and K. C. Gosling. 2,039,610; May 5.
- Roll for clothes wringers. G. F. Blume. 2,029,459; Feb. 4.
- Roll for fabricating hot metal. W. J. Merten. 2,053,346; Sept. 8.
- Roll for typewriters and the like, Feed. W. M. Haines. 2,052,566; Sept. 1.
- Roll, Forged steel. C. B. Ferree. 2,058,582; Oct. 27.
- Roll forming device. K. W. Huffine. 2,057,191; Oct. 13.
- Roll grinding machine. A. G. Belden and H. J. Grunig. 2,040,820; May 19.
- Roll grinding machine. C. G. Flygare and H. B. Friberg. 2,063,668; Dec. 8.
- Roll heater and steamer. J. H. Austin. 2,053,935; Sept. 8.
- Roll holder. C. A. Meisel. 2,055,039; Sept. 22.
- Roll neck milling machine. B. A. Wilson. 2,040,230; May 12.
- Roll package. C. F. Hawker. 2,027,380; Jan. 14.
- Roll paper dispenser. R. W. King. 2,062,418; Dec. 1.
- Roll parallelism gauge. W. Messinger. 2,050,725; Aug. 11.
- Roll scraping tool. V. Zehender and C. Latour. 2,033,801; Mar. 10.
- Roll, Sealing paper. F. W. Humphner. 2,050,794; Aug. 11.
- Roll sheet cutting machine. C. J. Beck. 2,065,503; Dec. 29.
- Rolled articles, Packaging. C. F. Hawker. 2,027,381; Jan. 14.
- Rolled section for framing in mines and supporting structure for utilizing same. H. Toussaint. 2,062,686; Dec. 1.
- Roller: See—
- Portable maintenance roller. Road roller.
  - Pressing or treatment roller. Shade roller.
- Roller. A. M. Wightman. 2,031,872; Feb. 25.
- Roller and paper guide for duplicator carriages, Hinged pressure. A. Marchev. 2,040,393; May 12.
- Roller attachment. A. Hofmann. 2,029,372; Feb. 4.
- Roller bearing. J. B. Baker. 2,055,714; Sept. 29.
- Roller bearing. W. E. Hoke. 2,065,311; Dec. 22.
- Roller bearing. M. H. Lemell. 2,057,102; Oct. 13.
- Roller bearing. T. L. Robinson. 2,053,534; Sept. 8.
- Roller bearing. T. L. Robinson. 2,062,041; Nov. 24.
- Roller bearing. T. L. Robinson. 2,065,475; Dec. 22.
- Roller bearing. F. G. Selfarth. 2,036,507; Apr. 7.
- Roller bearing. C. E. Skelton. 2,034,315; Mar. 17.
- Roller bearing. E. A. Skyepal. 2,057,213; Oct. 13.
- Roller bearing. H. E. Wise. 2,042,417; May 26.
- Roller bearing bit. L. E. Garfield and F. L. Scott. 2,030,442; Feb. 11.
- Roller bearing car wheel. R. P. Proffitt. 2,035,919; Mar. 31.
- Roller bearing, Self-contained taper. P. N. Wilson. 2,059,181; Oct. 27.
- Roller bit. A. C. Catland. 2,061,650; Nov. 24.
- Roller bit. G. G. Harrington. 2,032,275; Mar. 3.
- Roller bit. G. G. Harrington. 2,056,320; Oct. 6.
- Roller bit. J. V. Pennington. 2,052,034; Aug. 25.
- Roller bit. C. E. Reed. 2,047,117; July 7.
- Roller bit. C. E. Reed. 2,065,743; Dec. 29.
- Roller boring drill. F. L. Scott. 2,064,273; Dec. 15.
- Roller clutch. H. Barthel. 2,044,197; June 16.
- Roller clutch for freewheel cycle hubs. F. Winkler. 2,049,880; Aug. 4.
- Roller coating machine. W. E. Shehan. 2,030,325; Feb. 11.
- Roller conveyer, Live. W. K. Stokes. 2,055,053; Sept. 22.
- Roller cutter drill. C. E. Reed. 2,058,624; Oct. 27.
- Roller cutter reamer. J. Grant. 2,029,770; Feb. 4.
- Roller feeding device. A. Hartmann, J. J. Stoeckly, and J. Uytendogaart. 2,034,657; Mar. 17.
- Roller for hearses, Extension supporting. H. Van Deest. 2,056,697; Oct. 6.
- Roller grinding machine. J. R. Keller. 2,048,634; July 21.
- Roller journal. L. R. Kublengel. 2,035,485; Mar. 31.
- Roller manufacture, Garden. D. B. Budd and F. C. Speke. 2,029,518; Feb. 4.
- Roller picking machine for spinning frames. S. A. Floyd. 2,059,571; Nov. 3.
- Roller rock bit. A. C. Catland. 2,063,012; Dec. 8.
- Roller screen. A. W. Barnhart. 2,041,105; May 19.
- Roller shade mechanism. J. W. Fay. 2,040,301; May 12.
- Roller skate wheel. L. G. Knapp. 2,052,979; Sept. 1.
- Roller spinning articles of ductile material, such as rolled steel and the like, Method and apparatus for precision. W. R. Harrison. 2,062,415; Dec. 1.
- Roller support, Web guiding. A. J. Horton. 2,066,306; Dec. 29.
- Rollers, Apparatus for cleaning printing press. B. F. Ford. 2,054,618; Sept. 15.
- Rollers, Apparatus for coating. C. F. Smith. 2,055,318; Sept. 22.
- Rollers for printing, Preparing wiping. S. Beaune. 2,043,604; June 9.
- Rollers, Making printing. S. F. Damm. 2,043,154; June 2.
- Rolling machine. E. Nordby. 2,028,470; Jan. 21.
- Rolling machine. J. and G. Stein. 2,027,564; Jan. 14.
- Rolling machine for rolling drive rivets and screw threads. H. E. Sipe. 2,058,520; Oct. 27.
- Rolling method. H. Seiferth. 2,027,293; Jan. 7.
- Rolling, Method and apparatus for. A. J. Hazlett. 2,030,586; Feb. 11.
- Rolling mill. F. A. Beatty. 2,040,543; May 12.
- Rolling mill. J. J. Eckfeldt, N. E. Flodin, and F. A. Lawson. 2,035,598; Mar. 31.
- Rolling mill. J. Gassen. 2,038,783; Apr. 28.
- Rolling mill. L. Iversen. 2,039,959; May 5.
- Rolling mill. L. Iversen. 2,047,509; July 14.
- Rolling mill. L. Iversen. 2,063,810; Dec. 8.
- Rolling mill. F. E. Kling. 2,049,842; Aug. 4.
- Rolling mill. P. W. Matthews. 2,056,433; Oct. 6.
- Rolling mill. H. Nehlsen. 2,035,756; Mar. 31.
- Rolling mill. C. W. Phillips. 2,047,883; July 14.
- Rolling mill. G. R. Roemer. 2,044,545; June 16.
- Rolling mill. W. G. Ross. 2,056,409; Oct. 6.
- Rolling mill. W. B. Snyder. 2,049,332; July 28.
- Rolling mill. H. Stütting. 2,041,271; May 19.
- Rolling mill bearing. P. H. Frank. 2,064,741; Dec. 15.
- Rolling mill, Universal. W. Büchels and R. H. Koppel. 2,053,694; Sept. 8.
- Rolling screen. L. B. Deinzer. 2,035,146; Mar. 24.
- Rolling sheet and pack. H. G. McIlvried, C. E. Moore, and R. E. Peterson. 2,056,108; Sept. 29.
- Rolls, Aligning calendar. H. R. Williams. 2,054,530; Sept. 15.
- Rolls, Apparatus for cleaning. G. von Webern. 2,027,407; Jan. 14.
- Rolls, Apparatus for forming. K. J. Cederholm and L. G. Hobbs. 2,054,720; Sept. 15.
- Rolls, Cooling of. C. B. Ferree. 2,044,384; June 16.
- Rolls, Mechanism for unwinding mill. G. W. Swift, Jr. 2,027,796; Jan. 14.
- Rolls, Method and apparatus for packaging. J. E. Blosser and P. Burke. 2,049,759; Aug. 4.
- Rolls, Surfacing of inking. B. W. Hubbard. 2,063,037; Dec. 8.
- Röntgen tube. E. Pohl. 2,058,105; Oct. 20.
- Roof. L. L. Markel. 2,060,093; Nov. 10.
- Roofboard, Extension. W. Levy. 2,048,189; July 21.
- Roof, Car. C. D. Bonsall. 2,034,375; Mar. 17.
- Roof, Car. C. D. Bonsall. 2,034,377-85; Mar. 17.
- Roof, Car. C. D. Bonsall. 2,065,043; Dec. 22.
- Roof, Car. E. G. Franck. 2,037,226; Apr. 14.
- Roof, Car. E. G. Franck. 2,056,718; Oct. 6.
- Roof construction. S. S. Calafati. 2,026,608; Jan. 7.
- Roof construction. O. F. Graebner. 2,027,163; Jan. 7.
- Roof construction. J. Schulman. 2,065,478; Dec. 22.
- Roof construction, Automobile or similar. B. C. Place. 2,032,714; Mar. 3.
- Roof construction, Car. C. D. Bonsall. 2,034,374; Mar. 17.
- Roof construction, Car. G. G. Gilpin. 2,059,690; Nov. 3.
- Roof construction, Metallic. J. H. Goodwin. 2,055,127; Sept. 22.
- Roof construction, Wide span. G. S. Nelson. 2,059,477; Nov. 3.
- Roof covering. D. B. Fegles. 2,029,817; Feb. 4.
- Roof covering. S. P. Miller. 2,048,663; July 21.
- Roof covering. H. T. Nichols. 2,028,004; Jan. 14.
- Roof deck slab, Pre-cast concrete. G. E. Nagel. 2,039,183; Apr. 28.
- Roof flashing. H. F. Winkelmann. 2,039,674; May 5.
- Roof, Flexible car. K. J. Tobin. 2,065,838; Dec. 29.
- Roof for haystacks, Adjustable. F. N. Tillotson. 2,051,230; Aug. 18.
- Roof for hopper cars, Car. W. D. Thompson. 2,039,502; May 5.
- Roof for motor cars and other vehicles. O. Brupbacher. 2,043,577; June 9.
- Roof for tanks, Insulated self-buoyant floating. J. Verner. 2,026,762; Jan. 7.
- Roof for vehicles, Sliding. W. H. Bishop. 2,041,281; May 19.
- Roof glazing structure. H. Briggen. 2,056,444; Oct. 6.
- Roof, Metal. K. Roth. 2,033,304; Mar. 10.
- Roof or curtain, Folding flexible. A. G. Schlicher. 2,029,676; Feb. 4.
- Roof, Sheet metal. H. Fernandez. 2,033,422; Mar. 10.
- Roof slab, Reinforced insulating. C. J. Beckwith. 2,029,352; Feb. 4.
- Roof structure. N. E. Dawson. 2,033,689; Mar. 10.
- Roof structure. O. H. Pocock and L. Rossetti. 2,028,877; Jan. 28.
- Roof structure and material. J. H. Wahl and P. H. Doe. 2,043,271; June 9.
- Roof structure, Car. J. J. Tatum. 2,055,055; Sept. 22.
- Roof, Vehicle. O. L. Herron. 2,062,177; Nov. 24.
- Roofing. H. L. Guy. 2,037,163; Apr. 14.



Roofing. J. L. Holt. 2,028,607; Jan. 21.  
 Roofing. A. E. F. Moore. 2,057,245; Oct. 13.  
 Roofing and apparatus therefor, Manufacturing design. R. A. Holdsworth. 2,056,275; Oct. 6.  
 Roofing and building material and creation of effect thereon. N. P. Harshberger. 2,044,784; June 23.  
 Roofing and making same, Roll. C. R. Eckert. 2,061,066; Nov. 17.  
 Roofing and siding. J. A. Topping. 2,045,423; June 23.  
 Roofing, Apparatus for making. L. Kirschbraun. 2,041,419; May 19.  
 Roofing, Composition. G. R. Stark and J. A. Main. 2,062,149; Nov. 24.  
 Roofing construction. W. J. Hammersley. 2,045,707; June 30.  
 Roofing element. N. P. Harshberger. 2,044,782; June 23.  
 Roofing element. C. S. Reeve. 2,037,268; Apr. 14.  
 Roofing element and assembly thereof. N. P. Harshberger. 2,059,234; Nov. 3.  
 Roofing elements, Manufacture of. J. C. Sherman. 2,033,488; Mar. 10.  
 Roofing granule and coloring same. H. R. Gundlach. 2,057,678; Oct. 20.  
 Roofing granule and making the same. E. A. Leonard. 2,037,802; Apr. 21.  
 Roofing granule and manufacturing the same, Colored. H. R. Gundlach. 2,057,679; Oct. 20.  
 Roofing granule, Colored. H. R. Gundlach. 2,057,677; Oct. 20.  
 Roofing granules, Preventing blooming of. S. G. Wright. 2,062,080; Nov. 24.  
 Roofing, Making corrugated metal roll. H. E. McCoy. 2,038,437; Apr. 21.  
 Roofing material and the like. N. P. Harshberger and S. A. Ochs. 2,044,788; June 23.  
 Roofing or like sheets, Cutting. E. E. Venrick. 2,055,738; Sept. 29.  
 Roofing or sheet product, Laminated. C. Batcheller. 2,041,041; May 19.  
 Roofing, Prepared. W. H. Cady. 2,048,597; July 21.  
 Roofing, Process and apparatus for making design. R. A. Holdsworth. 2,056,274; Oct. 6.  
 Roofing, Process and apparatus for manufacturing design. R. A. Holdsworth. 2,056,273; Oct. 6.  
 Roofing, Process and apparatus for producing variegated. G. Hultberg. 2,037,788; Apr. 21.  
 Roofing, Process and apparatus for producing variegated. J. Robert. 2,037,822; Apr. 21.  
 Roofing ridge roll. L. G. Baumhauer. 2,040,290; May 12.  
 Roofing structure. E. Hering. 2,029,869; Feb. 4.  
 Roofing unit and making the same. J. H. Plunkett. 2,063,268; Dec. 8.  
 Room cooler. J. Askin. 2,042,420; May 26.  
 Room cooling unit. G. N. Benkly. 2,046,314; July 7.  
 Room front construction for sand blasting apparatus. W. A. Rosenberger. 2,063,054; Dec. 8.  
 Room heater. R. H. Jordan. 2,050,333; Aug. 11.  
 Roosts, Apparatus for disinfecting poultry. A. M. Turner. 2,047,089; July 7.  
 Root cutter for sewer pipes. G. J. Christian. 2,027,633; Jan. 14.  
 Root harvesting machine. G. Hendel. 2,027,479; Jan. 14.  
 Rope. C. McKinnon. 2,055,037; Sept. 22.  
 Rope. S. A. Reed. 2,061,483; Nov. 17.  
 Rope adjuster and holder. W. C. Holtzmann. 2,040,555; May 12.  
 Rope and machine for and method of making, Wire. M. G. Ensinger and W. Voigtlander. 2,037,506; Apr. 14.  
 Rope and the like. S. A. Brazier and C. Hampson. 2,042,824; June 2.  
 Rope center, Wire. J. B. Reber. 2,055,750; Sept. 29.  
 Rope clamp. R. Loos. 2,062,894; Dec. 1.  
 Rope cores, Forming lubricated wire. W. D. Hodson. 2,062,059; Nov. 24.  
 Rope drum for axminster looms. W. W. Robertson. 2,065,746; Dec. 29.  
 Rope lock. I. Ulfers. 2,028,885; Jan. 28.  
 Rope lubrication, Wire. W. D. Hodson. 2,028,155; Jan. 21.  
 Rope machine, Wire. A. J. Morgan. 2,039,438; May 5.  
 Rope making machine. A. Kraft. 2,056,470; Oct. 6.  
 Rope, Spinning. C. A. Daniels. 2,044,240; June 16.  
 Rope, Wire. M. C. Dodge. 2,050,564; Aug. 11.  
 Rope, Wire. W. D. Hodson. 2,028,156-7; Jan. 21.  
 Rosette, Decorative. J. Engelmeier. 2,060,058; Nov. 10.  
 Rosin and abietic acid and hydrogenated metal salts of rosin and abietic acid, Production of hydrogenated. E. E. Reid. 2,054,834; Sept. 22.  
 Rosin and rosin product, Treating. J. N. Borglin and L. N. Bent. 2,050,263; Aug. 11.  
 Rosin, Refining. D. C. Butts. 2,035,141; Mar. 24.  
 Rosin, Refining. I. W. Humphrey. 2,043,513; June 9.  
 Rosin, Refining. D. A. Lister. 2,054,432; Sept. 15.  
 Rosin, Retarding the crystallization of. J. N. Borglin. 2,042,877; June 2.  
 Rosin size composition, Making a dry. T. W. and R. A. Asbury, and J. F. Fredriksson. 2,050,997; Aug. 11.  
 Rosin sizing and making the same. W. H. Harding and A. W. Montgomery. 2,027,166; Jan. 7.  
 Rotproof materials from cellulose fibers. F. Siefert and H. Kaemmerer. 2,063,272; Dec. 8.  
 Rotary bit. J. T. Phipps. 2,039,551; May 5.  
 Rotary boring bit. C. E. Reed. 2,036,082; Mar. 31.  
 Rotary bulb container. J. M. M. Troup. 2,032,515; Mar. 3.

Rotary combustion engine. W. R. Spellman. 2,061,049; Nov. 17.  
 Rotary cup machine. C. Barbieri. 2,049,417; Aug. 4.  
 Rotary cutting tool. H. M. Albee. 2,034,277; Mar. 17.  
 Rotary disk bit. W. A. Abegg. 2,046,598; July 7.  
 Rotary disk valve. B. Pratt and G. F. Weinreich. 2,061,716; Nov. 24.  
 Rotary drill. J. B. De Costa. 2,037,967; Apr. 21.  
 Rotary drill. E. N. Kersey. 2,046,915; July 7.  
 Rotary drill bit. C. W. Ervin. 2,065,436; Dec. 22.  
 Rotary drill, Hydraulic. W. L. Diehl. 2,044,349; June 16.  
 Rotary drum filter. I. Sablik. 2,061,257; Nov. 17.  
 Rotary drum filter. F. W. Young. 2,052,156; Aug. 25.  
 Rotary dust separator. S. G. Sylvan. 2,039,127; Apr. 28.  
 Rotary engine. S. J. Collum. 2,062,446; Dec. 1.  
 Rotary engine. J. N. Hinckley and S. H. Clark. 2,060,937; Nov. 17.  
 Rotary engine. J. L. Kempthorne. 2,043,544; June 9.  
 Rotary engine. E. Seibold. 2,052,492; Aug. 25.  
 Rotary engine. E. W. Sherman. 2,055,137; Sept. 22.  
 Rotary engine. S. Strazzulla. 2,065,160; Dec. 22.  
 Rotary explosive engine. W. Weeks. 2,040,036; May 5.  
 Rotary face bit. W. J. Mitchell. 2,046,400; July 7.  
 Rotary fluid meter. H. F. Pétot. 2,052,794; Sept. 1.  
 Rotary fluid pump. R. J. McLeod. 2,040,754; May 12.  
 Rotary gasoline engine. A. W. Linn. 2,062,753; Dec. 1.  
 Rotary hook. G. A. Southam and G. R. Wainwright. 2,065,349; Dec. 22.  
 Rotary machine. A. J. Hodge and J. D. Spalding. 2,041,180; May 19.  
 Rotary machine. L. E. Zerbe. 2,032,732; Mar. 3.  
 Rotary mixer. J. J. Dunne and N. H. McCleary. 2,046,109; June 30.  
 Rotary motor. W. Rustemeyer. 2,049,780; Aug. 4.  
 Rotary motor, Reversible. F. E. Terrill. 2,037,351; Apr. 14.  
 Rotary offset press. A. S. MacLaren. 2,048,801; July 28.  
 Rotary, Oil field. B. Boykin, Jr. 2,044,203; June 16.  
 Rotary pin, Double point. A. A. Limpert. 2,033,039; Mar. 3.  
 Rotary press, Web perfecting. H. M. Barber. 2,048,483; July 21.  
 Rotary press, Web perfecting. H. M. Barber. 2,048,486; July 21.  
 Rotary press, Web perfecting. H. M. Barber. 2,050,034; Aug. 4.  
 Rotary printing press. S. T. C. Hardy. 2,029,565; Feb. 4.  
 Rotary pump. A. O. Beauchemin. 2,039,698; May 5.  
 Rotary pump. F. E. Brady. 2,042,499; June 2.  
 Rotary pump. A. W. Burks. 2,053,553; Sept. 8.  
 Rotary pump. H. A. Garrison. 2,046,873; July 7.  
 Rotary pump. C. M. Johnson. 2,052,474; Aug. 25.  
 Rotary pump. H. Lauchenauer. 2,050,104; Aug. 4.  
 Rotary pump. J. A. Lufper. 2,039,815; May 5.  
 Rotary pump. A. Madle. 2,065,008; Dec. 22.  
 Rotary pump. H. F. Martin. 2,036,711; Apr. 7.  
 Rotary pump. R. J. S. Pigott. 2,053,919; Sept. 8.  
 Rotary pump. R. W. Ott. 2,061,950; Nov. 24.  
 Rotary pump. C. R. Tirava. 2,033,218; Mar. 10.  
 Rotary pump, Volume and pressure-controlled. S. D. Ross. 2,036,543; Apr. 7.  
 Rotary support. J. I. Russakov. 2,052,801; Sept. 1.  
 Rotary tool. J. K. Palla. 2,051,270; Aug. 18.  
 Rotary tool. H. C. Reynolds. 2,046,412; July 7.  
 Rotary tube furnace. C. P. Débuch. 2,063,233; Dec. 8.  
 Rotary type pump. B. B. Stern. 2,064,635; Dec. 15.  
 Rotary valve. F. T. Irgens. 2,032,578; Mar. 3.  
 Rotary varnishing press. F. T. Sheedy and L. Traung. 2,053,582; Sept. 8.  
 Rotary web press, All size. C. A. Meisel. 2,039,236; Apr. 28.  
 Rotatable bodies, Apparatus for balancing. J. Lundgren. 2,046,294; June 30.  
 Rotation by reversing a constant speed motor, Apparatus for changing speed and direction of. B. Lazich. 2,038,082; Apr. 21.  
 Rotation mechanism. G. W. Hulshizer. 2,043,352; June 9.  
 Rotation mechanism. F. M. Slater. 2,028,252; Jan. 21.  
 Rotation mechanism. W. A. Smith, Sr. 2,055,674; Sept. 29.  
 Rotisserie. J. M. Sanders. 2,040,016; May 5.  
 Rotor. E. W. Ballentine. 2,048,421; July 21.  
 Rotor and rotor pack, Aircraft lift. W. J. Roepke. 2,048,950; July 28.  
 Rotor, Assembling a balanced. B. D. Smith. 2,060,901; Nov. 17.  
 Rotor casting machine. E. F. Dolan and H. C. Mellon. 2,065,213; Dec. 22.  
 Rotor construction, Dynamo-electric machine. R. B. Williamson. 2,033,059; Mar. 3.  
 Rotor for a blower. E. Szekely. 2,044,028; June 16.  
 Rotor for gyroscopes, Built-up. H. Walter. 2,061,261; Nov. 17.  
 Rotor for hammer mills. H. J. Mankoff. 2,026,790; Jan. 7.  
 Rotor operated butterfly valve, Hydraulic. P. A. Kinzie, J. L. Savage, and L. E. France. 2,053,668; Sept. 8.  
 Rotor, Turbine generator. B. A. Rose. 2,064,033; Dec. 15.  
 Rotor valve. P. A. Kinzie. 2,054,259; Sept. 15.  
 Rotor with spark gap. R. Mahaffey. 2,037,524; Apr. 14.  
 Roughage mill. Holland-Letz. 2,042,946; June 2.



- Roundhouse equipment. F. H. C. Coppus. 2,037,501; Apr. 14.
- Routing machine. T. L. Siebenthaler. 2,026,659; Jan. 7.
- Rubber adherent article. E. C. Domm. 2,039,068; Apr. 28.
- Rubber and antioxidant agent, Age resisting vulcanized. H. A. Morton. 2,058,615; Oct. 27.
- Rubber and making same, Printed crinkled. W. J. Robinson and J. J. Galligan. 2,037,539; Apr. 14.
- Rubber and making the same. A. K. Epstein and B. R. Harris. 2,059,448; Nov. 3.
- Rubber and making the same, Sponge. G. S. Hiers. 2,029,617; Feb. 4.
- Rubber and metal articles, Making bonded. R. K. Lee and W. J. McCartney. 2,031,720; Feb. 25.
- Rubber and metal, Direct bonding of. H. C. Anderson. 2,037,749; Apr. 21.
- Rubber and metal, Process of bonding. T. R. Griffith. 2,058,865; Oct. 27.
- Rubber and method and apparatus for producing the same, Strip. C. W. Leguillon. 2,042,536; June 2.
- Rubber and new and improved vulcanized rubber, Vulcanizing. R. R. Lewis and A. J. Weiss. 2,040,698; May 12.
- Rubber and of chlorinated and brominated products thereof, Manufacture of conversion products of. F. S. Shadbolt. 2,052,672; Sept. 1.
- Rubber and preparing the same, Aqueous dispersions of hydrogenated. A. M. Alvarado. 2,063,073; Dec. 8.
- Rubber and producing same, Hydrogenated. G. D. Graves. 2,046,160; June 30.
- Rubber and rubber-like preparations. R. B. F. F. Clarke and H. M. Bunbury. 2,033,276; Mar. 10.
- Rubber and treating same. F. J. Maywald and E. C. Kunz. 2,046,336; July 7.
- Rubber, Apparatus for testing. R. W. Allen. 2,048,314; July 21.
- Rubber article. C. L. Beal. 2,041,737; May 26.
- Rubber article and making the same. L. M. Rosenthal. 2,028,808; Jan. 28.
- Rubber article, Vented. R. B. Day. 2,047,858-9; July 14.
- Rubber articles, Apparatus for shirring. A. E. Collins. 2,029,359; Feb. 4.
- Rubber articles, Construction of. P. A. Raiche. 2,043,630; June 9.
- Rubber articles containing cotton fabric, Manufacture of. C. B. White. 2,045,738; June 30.
- Rubber articles, Curing. F. L. Bucy and V. A. La Rock. 2,035,861; Mar. 31.
- Rubber articles, Dipped. J. R. Gammeter. 2,033,626; Mar. 10.
- Rubber articles, Making. E. W. Madge, E. A. Murphy, and F. J. Payne. 2,035,819; Mar. 31.
- Rubber articles, Making ornamented. L. H. L'Hollier and A. L. Diller. 2,029,379; Feb. 4.
- Rubber articles, Manufacture of. E. L. Hanna. 2,051,849; Aug. 25.
- Rubber articles, Manufacture of. G. Livings. 2,034,521; Mar. 17.
- Rubber articles, Manufacture of. D. F. Twiss. 2,032,452; Mar. 3.
- Rubber articles, Method and apparatus for forming. V. H. Bodle. 2,037,113; Apr. 14.
- Rubber articles, Method and apparatus for treating. R. B. Day. 2,031,560-1; Feb. 18.
- Rubber articles, Producing. R. S. Bley. 2,054,780; Sept. 15.
- Rubber articles, Producing perforate. R. W. Eldridge. 2,032,923; Mar. 3.
- Rubber by spraying latex in a drying atmosphere, Preparing pulveriform. M. J. Stam. 2,035,437; Mar. 24.
- Rubber coated article, Corrosion resisting. E. C. Domm. 2,039,069; Apr. 28.
- Rubber coating composition, Chlorinated. W. D. Bowlby. 2,57,999; Oct. 20.
- Rubber composition. G. D. Martin. 2,054,483; Sept. 15.
- Rubber composition and method of preserving rubber. W. M. Lauter. 2,040,491; May 12.
- Rubber composition and preservation of rubber. J. R. Ingram. 2,062,885; Dec. 1.
- Rubber composition and preserving rubber. W. L. Semon. 2,035,620; Mar. 31.
- Rubber composition and preserving rubber. W. L. Semon. 2,037,932; Apr. 21.
- Rubber composition, Chlorinated. E. Ott. 2,046,277; June 30.
- Rubber composition containing petroleum resins. P. K. Frolich. 2,031,944; Feb. 25.
- Rubber composition, Plastic. R. R. Bollman. 2,041,223; May 19.
- Rubber compositions. T. and S. Arnold. 2,059,430; Nov. 3.
- Rubber compositions and making the same, Tacky. H. L. Fisher. 2,035,698; Mar. 31.
- Rubber compound and making the same. G. S. Hiers. 2,065,937; Dec. 29.
- Rubber, Compounding. W. S. Calcott and W. A. Douglass. 2,044,059; June 16.
- Rubber, Compounding. R. J. Noble. 2,053,530; Sept. 8.
- Rubber compounding material and method of using. A. B. Cowdery. 2,052,607; Sept. 1.
- Rubber containing material from metal surfaces, Removing. F. K. Bezenberger. 2,052,997; Sept. 1.
- Rubber conversion products, Manufacture of. W. Becker, L. Orthner, and A. Blömer. 2,040,460; May 12.
- Rubber derivative. T. C. Morris. 2,064,763; Dec. 15.
- Rubber derivative compositions, Low viscosity halogen containing. H. A. Winkelmann. 2,046,987; July 7.
- Rubber derivatives. P. Schidrowitz and C. A. Redfarn. 2,039,191; Apr. 28.
- Rubber derivatives, Production of. S. S. Kurtz, Jr. 2,052,411; Aug. 25.
- Rubber die. L. M. Harley. 2,040,377; May 12.
- Rubber dispersion in alkali silicates. M. H. Kliefoth. 2,028,397; Jan. 21.
- Rubber distillates, Purification of. F. N. Pickett. 2,039,112; Apr. 28.
- Rubber dust, Hard. F. N. Pickett. 2,042,960; June 2.
- Rubber feeding means for circular knitting machines. A. E. and F. R. Page, and H. N. Sheppard. 2,062,926; Dec. 1.
- Rubber film or sheet. V. H. Hurt. 2,032,935; Mar. 3.
- Rubber film or sheet. C. E. Linscott and H. de B. Rice. 2,032,941; Mar. 3.
- Rubber films or sheets, Manufacturing. C. E. Linscott and H. de B. Rice. 2,032,942; Mar. 3.
- Rubber for the manufacture of paints, varnishes, and like products, and for insulating purposes, Dissolving. J. P. Hienharen. 2,028,068; Jan. 14.
- Rubber from its solutions, Obtaining chlorinated. K. Bromig. 2,049,943; Aug. 4.
- Rubber goods and producing the same, Marked. W. L. Kauffman. 2,060,576; Nov. 10.
- Rubber goods, Making colored. M. E. Hansen and C. L. Beal. 2,032,361; Mar. 3.
- Rubber heating unit. M. Murphy. 2,052,644; Sept. 1.
- Rubber hydrohalides, Low temperature preparation of. H. A. Winkelmann. 2,047,987; July 21.
- Rubber latex and aqueous dispersions of reclaimed rubber, Mixtures of natural. A. E. Barnard and W. E. Messer. 2,044,046; June 16.
- Rubber latex composition. P. L. Magill. 2,037,423; Apr. 14.
- Rubber latex, Stabilization and preservation of. A. T. B. Kell. 2,034,531; Mar. 17.
- Rubber latices, Concentrating. A. E. Petersen and W. Gensecke. 2,029,831; Feb. 4.
- Rubber-like compositions, Preparing. J. E. Wolfe. 2,050,595; Aug. 11.
- Rubber-like synthetic high-molecular masses. M. Mueller-Cunradi and K. Pieroh. 2,061,934; Nov. 24.
- Rubber manufacture. J. W. Schade. 2,059,284; Nov. 3.
- Rubber, Manufacture of. R. M. Ungar. 2,030,191; Feb. 11.
- Rubber, Manufacture of substitute for Natural. F. J. J. van Cant. 2,046,662; July 7.
- Rubber, Method and apparatus for making sheet. J. R. Gammeter. 2,040,549; May 12.
- Rubber paving block. W. L. Pipes. 2,057,738; Oct. 20.
- Rubber, Plasticizing. I. Williams and C. C. Smith. 2,064,580; Dec. 15.
- Rubber, Preservation of. D. J. Beaver. 2,055,812; Sept. 29.
- Rubber, Preservation of. M. R. Coe. 2,042,333; May 26.
- Rubber, Preservation of. J. R. Ingram. 2,064,752; Dec. 15.
- Rubber, Preservation of. A. M. Neal. 2,041,854; May 26.
- Rubber, Preservation of. W. Scott and H. G. Byers. 2,027,001; Jan. 7.
- Rubber products. H. B. Dykstra. 2,053,271; Sept. 8.
- Rubber products. R. H. Guinzburg. 2,039,529; May 5.
- Rubber products and producing the same. A. J. Borst, Jr. 2,039,386; May 5.
- Rubber products, Making. E. A. Murphy. 2,033,480; Mar. 10.
- Rubber products, Making dyed. M. E. Hansen. 2,037,898; Apr. 21.
- Rubber, Regenerative treatment of. B. G. Calise. 2,046,499; July 7.
- Rubber repair material. A. B. Kempel. 2,031,960; Feb. 25.
- Rubber, Sheet. E. G. Bird. 2,059,203; Nov. 3.
- Rubber snubber spring. E. W. Webb. 2,039,759; May 5.
- Rubber, Stabilizing chlorinated. K. Bromig. 2,036,997; Apr. 14.
- Rubber-stock and like material, Apparatus for operating upon. E. W. Stacey. 2,034,061; Mar. 17.
- Rubber surfaces and articles produced thereby, Treating. R. H. Gerke. 2,057,717; Oct. 20.
- Rubber suspension system. E. O. Schjolin. 2,043,011; June 2.
- Rubber to leather, Vulcanizing. L. B. Conant. 2,032,471; Mar. 3.
- Rubber to liners, Method and machine for applying sheet. H. J. Wood. 2,035,778; Mar. 31.
- Rubber to metal, Direct bonding of. W. J. McCartney. 2,058,246; Oct. 20.
- Rubber to surfaces, Bonding. B. W. D. Lacey and W. V. Clarke. 2,050,706; Aug. 11.
- Rubber toy. L. D. Miller. 2,039,918; May 5.
- Rubber treating process and product obtained thereby. R. L. Sibley. 2,055,806; Sept. 29.
- Rubber treatment. L. B. Sebrell. 2,052,423; Aug. 25.
- Rubber treatment. G. M. Wright. 2,052,435; Aug. 25.
- Rubber, Treatment of. E. B. Curtis. 2,049,415; Aug. 4.
- Rubber, Treatment of. J. H. Ingmanson. 2,061,276; Nov. 17.
- Rubber, Treatment of. A. R. Kemp. 2,040,314; May 12.
- Rubber vulcanization. P. J. Leaper. 2,045,275; June 23.
- Rubber vulcanization. R. L. Sibley. 2,045,167; June 23.
- Rubber vulcanization. H. R. Thies. 2,058,840; Oct. 27.



- Rubber, Vulcanization of. W. C. Calvert and H. I. Cramer. 2,028,086; Jan. 14.
- Rubber, Vulcanization of. L. H. Howland. 2,065,587; Dec. 29.
- Rubber, Vulcanization of. J. G. Lichty. 2,050,190; Aug. 4.
- Rubber, Vulcanization of. R. L. Sibley. 2,049,229; July 28.
- Rubber, Vulcanization of. H. R. Thies. 2,043,939; June 9.
- Rubber with halogen and oxygen gases, Reacting. O. Schweitzer. 2,037,599; Apr. 14.
- Rubbing device. R. H. Kingdon. 2,029,426; Feb. 4.
- Rubbing machine. E. L. Torrison. 2,032,382; Mar. 3.
- Rug anchoring device. D. B. Wurzburg. 2,042,692; June 2.
- Rug and pile fabric manufacture. B. Spesso. 2,048,413; July 21.
- Rug and producing it. I. Boles. 2,052,076; Aug. 25.
- Rug, Bath. V. K. Marvin. 2,055,629; Sept. 29.
- Rug-making attachment for sewing machines. J. D. Karle. 2,049,395; July 28.
- Rug making implement. L. Wullweber. 2,053,171; Sept. 1.
- Rug-making tool. D. H. Hannay. 2,061,766; Nov. 24.
- Rug, Tufted. A. J. Carter. 2,042,503; June 2.
- Rug washing and dyeing apparatus. G. W. Pond. 2,053,579; Sept. 8.
- Rugs and the like, Device for stretching. A. J. Preston. 2,043,555; June 9.
- Rugs, Apparatus for packaging. C. F. Hawker, B. F. Herr, and F. G. Rottmund. 2,027,379; Jan. 14.
- Rugs, Apparatus for piling. L. A. Jackson. 2,053,667; Sept. 8.
- Rule. H. A. Farrand. 2,033,026; Mar. 3.
- Rule. H. A. Farrand. 2,050,941; Aug. 11.
- Rule and gauge, Make-up. J. L. Zeiger. 2,048,090; July 21.
- Rule, Caliper. F. M. Gamroth. 2,034,804; Mar. 24.
- Rule, Combination drafting and computing. A. Svensson. 2,059,289; Nov. 3.
- Rule mechanism, Adjustable. E. E. Thiel. 2,034,161; Mar. 17.
- Rule, Slide. G. D. Shaeffer. 2,061,853; Nov. 24.
- Ruler. C. H. Little. 2,049,303; July 28.
- Ruler attachment. W. Stahl. 2,029,899; Feb. 4.
- Ruler, Perpetual calendar. F. V. Toppin. 2,029,843; Feb. 4.
- Rulers, Attachment for. M. L. Aronson. 2,026,768; Jan. 7.
- Ruling and lining guide for typewriters. E. E. Landis. 2,060,327; Nov. 10.
- Ruling machine. A. Broadmeyer. 2,034,648; Mar. 17.
- Rumble deck and cover construction. W. H. Stryker. 2,039,124; Apr. 28.
- Runner for centrifugal machines. F. Kugel. 2,042,064; May 26.
- Running gear. O. Hacker. 2,027,303; Jan. 7.
- Running gear. G. L. Knox. 2,065,924; Dec. 29.
- Rupture supporting device. J. G. Homan. 2,063,382; Dec. 8.
- Ruscus, Softening bleached and dyed. J. M. Dux. 2,026,873; Jan. 7.
- Rustproofing composition and coating iron and steel. G. A. McDonald. 2,030,601; Feb. 11.
- Ruthenium, Process and bath for depositing. F. Zimmermann and H. E. Zschiegl. 2,057,638; Oct. 13.
- Saccharine products and refining raw sugars, Making high grade. J. P. Ioannu. 2,059,110; Oct. 27.
- Sachet, Permanent waving. V. J. Gentile. 2,055,099; Sept. 22.
- Sack-apron, Convertible. H. A. Wilmer. 2,050,549; Aug. 11.
- Sacker apparatus. C. S. Brown. 2,041,224; May 19.
- Sacking and weighing machine, Automatic. R. Jarrier. 2,065,527; Dec. 29.
- Saddle. J. W. Brandt. 2,030,809; Feb. 11.
- Saddle. R. W. Faulhaber. 2,057,374; Oct. 13.
- Saddle seat. H. M. Pryale, S. C. Clark, and D. R. Cotterman. 2,066,225; Dec. 29.
- Saddle tree. B. Senderman. 2,037,275; Apr. 14.
- Saddle tree. S. E. Worcester. 2,027,851; Jan. 14.
- Sadiron. W. K. Tavender. 2,055,678; Sept. 29.
- Sadiron, Electric. E. D. Perry. 2,041,429; May 19.
- Sad iron, Electric. E. D. Perry. 2,045,284; June 23.
- Sadiron, Self-heating. C. A. Hoff. 2,065,492; Dec. 22.
- Sadiron, Self-lifting. A. F. Kipper and L. B. Tuckerman. 2,062,665; Dec. 1.
- Sadiron shell and rest construction. R. I. Huffman. 2,039,222; Apr. 28.
- Safe. M. D. Bennett and S. M. Archer. 2,027,353; Jan. 7.
- Safe. W. H. Jaeger. 2,026,977; Jan. 7.
- Safe. M. C. Regan. 2,047,707; July 14.
- Safe equipped with automatic previous payment devices. J. M. Samaniego. 2,052,251; Aug. 25.
- Safe, Floating. C. H. Balko. 2,062,693; Dec. 1.
- Safe, Milk bottle. A. A. Baum. 2,037,361; Apr. 14.
- Safe, Milk bottle. T. S. Collins. 2,038,346; Apr. 21.
- Safe or money chest. W. C. Miller. 2,039,018; Apr. 22.
- Safety apparatus. Lieut. H. Lloyd. 2,055,383; Sept. 28.
- Safety apparatus for rail vehicles. T. H. Schoepf and D. M. Ritchie. 2,065,346; Dec. 22.
- Safety appliance for bathtubs. O. M. Harris. 2,059,171; Oct. 27.
- Safety appliance for flanged wheels. J. A. Herbert. 2,029,923; Feb. 4.
- Safety appliance for trucks of railway cars. J. A. Herbert. 2,029,924; Feb. 4.
- Safety attachment for oil tanks. C. W. Johnson. 2,050,096; Aug. 4.
- Safety attachment for truck wheels. H. V. Ludwick. 2,049,268; July 28.
- Safety attachment for wrist bands. B. Mestekin. 2,041,944; May 26.
- Safety brake. W. B. Uffert. 2,055,267; Sept. 22.
- Safety brake, Emergency. J. L. Loehnis and W. I. Williams. 2,062,184; Nov. 24.
- Safety burner. H. L. Hirschler. 2,042,942; June 2.
- Safety cap container. R. J. Murray. 2,054,266; Sept. 15.
- Safety chain. H. D. Seebeck. 2,042,808; June 2.
- Safety cigar cover. N. Farinella. 2,038,350; Apr. 21.
- Safety coil box. V. A. La Fave. 2,043,180; June 2.
- Safety control, Photoelectric. E. Davis. 2,058,668; Oct. 27.
- Safety coupling-hook. A. H. Greenup. 2,036,135; Mar. 31.
- Safety cutting tool. H. P. Eck, and I. B. and H. M. Rosenberg, and I. Fleer. 2,031,470; Feb. 18.
- Safety delivery container. E. Sacks and C. Steinborn. 2,039,935; May 5.
- Safety delivery receptacle. J. Majors. 2,034,916; Mar. 24.
- Safety device. J. W. Barker. 2,043,365; June 9.
- Safety device. F. O. Carlson. 2,056,008; Oct. 13.
- Safety device. J. T. Emslie. 2,059,324; Nov. 3.
- Safety device. L. M. Goldsmith. 2,028,149; Jan. 21.
- Safety device. B. Johnsen. 2,048,387-9; July 21.
- Safety device for automobiles. A. and M. Borland. 2,053,692; Sept. 8.
- Safety device for boilers, Low water. H. J. Findley. 2,063,373; Dec. 8.
- Safety-device for bolt-action firearms. F. F. Burton. 2,043,281; June 9.
- Safety device for brakes for vehicles. A. F. Krueger. 2,056,942; Oct. 13.
- Safety device for cableway switches. H. Kruger. 2,040,388; May 12.
- Safety device for clutches. O. Mueller. 2,045,483; June 23.
- Safety device for cranes. G. E. Carle. 2,035,044; Mar. 24.
- Safety device for cranes and the like. A. F. Nash. 2,030,529; Feb. 11.
- Safety device for electric heaters. H. A. Soverhill. 2,061,258; Nov. 17.
- Safety device for electrical appliances. P. McIlveney. 2,041,362; May 19.
- Safety device for elevating or translating mechanism. A. E. Robinson. 2,066,073; Dec. 29.
- Safety device for fluid brakes. L. Friedmann, H. Deutsch, P. Jomek, G. Nemetz, and H. Etzelt. 2,054,900; Sept. 22.
- Safety device for gas conduits. S. Dunin-Markiewicz, C. Sudlitz, and T. Swisniewicz. 2,044,537; June 16.
- Safety device for gas ranges, gas boilers, etc. W. Katz. 2,031,415; Feb. 18.
- Safety device for manhole covers. C. E. Rego. 2,030,536; Feb. 11.
- Safety device for motion picture projectors. J. De Luca. 2,061,793; Nov. 24.
- Safety device for motor vehicles. C. B. Granor. 2,037,779; Apr. 21.
- Safety device for motor vehicles, Bumper operated. S. and H. Horowitz. 2,058,080; Oct. 20.
- Safety device for pneumatic tire vehicles. C. S. Burnett. 2,052,277; Aug. 25.
- Safety device for pressing machines. A. Matthews. 2,050,621; Aug. 11.
- Safety device for pressure indicators. J. S. Fetyko. 2,058,858; Oct. 27.
- Safety device for protecting motor car against fire after collision. D. Slebos. 2,027,709; Jan. 14.
- Safety device for refrigerating systems. J. Kirgan. 2,055,543; Sept. 29.
- Safety device for semitrailers, Fifth wheel. I. Walker. 2,043,342; June 9.
- Safety device for ships. M. Petersen. 2,049,316; July 28.
- Safety device for tires. P. M. Bourdon. 2,045,341; June 23.
- Safety device for truck trailers. L. Miller. 2,042,352; May 26.
- Safety device for vehicles. O. W. Klawuhn. 2,040,487; May 12.
- Safety device for X-ray apparatus. W. K. Kearsley. 2,058,992; Oct. 27.
- Safety device, Overload. R. F. Dow. 2,045,572; June 30.
- Safety discharge valve. Emil Kägi. 2,057,194; Oct. 13.
- Safety fastener. M. E. Craig. 2,057,012; Oct. 13.
- Safety gas valve. M. C. Barnett. 2,037,302; Apr. 14.
- Safety gas valve. J. P. Isaacs. 2,063,809; Dec. 8.
- Safety guard gate. J. L. Adams, Jr. 2,051,359; Aug. 18.
- Safety hook. H. E. Grau. 2,027,376; Jan. 14.
- Safety jar holder. E. Cantini. 2,030,742; Feb. 11.
- Safety joint. M. Black. 2,065,932; Dec. 29.
- Safety joint. E. Burns and H. P. Wickersham. 2,049,289; July 28.
- Safety joint, Drilling. E. Burns and H. P. Wickersham. 2,049,290; July 28.



- Safety joint, Locked drilling. H. P. Wickersham and H. J. Craig. 2,039,945; May 5.
- Safety match container. H. G. Klassen. 2,036,222; Apr. 7.
- Safety mechanism for cinematographs, Electric. V. Gazulla and D. Aguilo. 2,032,930; Mar. 3.
- Safety mechanism for wringers and the like. W. K. Voss. 2,049,479; Aug. 4.
- Safety mixer. F. L. Craddock. 2,042,511; June 2.
- Safety or indicating device, Liquid flow operated. H. A. Ewen. 2,059,782; Nov. 3.
- Safety pin. J. M. Abrams. 2,030,674; Feb. 11.
- Safety pin. C. J. Caccamise. 2,057,006; Oct. 13.
- Safety pin. C. A. McPhee. 2,045,666; June 30.
- Safety pin. J. B. Pentz. 2,035,717; Mar. 31.
- Safety pin package. G. P. Peterson. 2,048,753; July 28.
- Safety point bar for flat knitting machines. F. Tait, Jr. 2,037,097; Apr. 14.
- Safety razor handle. J. D. Raymond. 2,028,011; Jan. 14.
- Safety release for riveting machines. A. A. Norin. 2,037,477; Apr. 14.
- Safety release mechanism. N. L. Etten. 2,054,970; Sept. 22.
- Safety scotch hook. J. M. Kinison. 2,026,982; Jan. 7.
- Safety signal. E. Zimdars. 2,028,427; Jan. 21.
- Safety steering rod. W. M. Roark. 2,028,953; Jan. 28.
- Safety stop for cutter chains. C. Horner. 2,061,195; Nov. 17.
- Safety support, Brake beam. J. C. Lutz. 2,038,373; Apr. 21.
- Safety switch. G. D. Brown and G. M. Myers. 2,026,962; Jan. 7.
- Safety switch. P. Freysinger and F. L. Nesmith. 2,061,460; Nov. 17.
- Safety switch. E. L. Mason. 2,056,052; Sept. 29.
- Safety system for pipe lines. G. I. Rhodes. 2,041,862-3; May 26.
- Safety tubing gate. W. A. Loomis. 2,047,569; July 14.
- Safety valve. F. H. Hopkins and E. B. Crocker. 2,035,129; Mar. 24.
- Safety valve. E. H. Mueller. 2,064,623; Dec. 15.
- Safety valve. C. Nelson. 2,051,100; Aug. 18.
- Safety valve, Frangible shear type. R. W. Tryon and G. M. Booth. 2,062,381; Dec. 1.
- Safety valve, Full area. A. K. Sorensen. 2,043,203; June 2.
- Safety zone device. F. J. Burkhardt. 2,046,321; July 7.
- Sagging of garage doors, Device for preventing the. J. Kunz. 2,027,831; Jan. 14.
- Sail attachment for bicycles. L. A. Deal. 2,038,166; Apr. 21.
- Sail for aircraft, Landing. R. Weichardt. 2,047,604; July 14.
- Sail side beam, Landing. H. Hein. 2,051,709; Aug. 18.
- Sales book, Manifolding. E. R. Evans. 2,051,551; Aug. 18.
- Sales price indicator. J. A. McCallum. 2,033,385; Mar. 10.
- Sales tickets in cash registers, Stamping. R. A. Ohlsen. 2,055,418; Sept. 22.
- Saliva ejector. H. F. Boeger and W. J. Van Rossem. 2,035,585; Mar. 31.
- Saliva ejector. W. P. de Witt. 2,028,381; Jan. 21.
- Salt, Celery. H. E. Allen. 2,046,862; July 7.
- Salt, Decomposition of engel. F. Rüsberg. 2,045,203; June 23.
- Salt, Dehydrating Glauber's. J. B. Pierce, Jr. 2,054,520; Sept. 15.
- Salt, Manufacture of meat curing. E. L. Griffith. 2,054,625; Sept. 15.
- Salt mass, Curing. E. L. Griffith. 2,054,624; Sept. 15.
- Salt mixtures, Working up of natural and industrial. C. Kircher, F. Mueller, and H. Suessenguth. 2,029,623; Feb. 4.
- Salt, Preparing a solid tetrazo. K. Schnitzspahn. 2,053,745; Sept. 8.
- Salt solutions, Treating metallic. P. C. Rich. 2,028,473; Jan. 21.
- Salt to prevent hardening or caking and resulting product, Treating. M. Segura. 2,056,540; Oct. 6.
- Salts and other products from oil field brines, Recovery of. O. V. Martin. 2,034,681; Mar. 17.
- Salts and preparing them, Solid mineral acid diazonium. K. Schnitzspahn. 2,027,066; Jan. 7.
- Salts and sludges, Drying inorganic. D. J. VanMarle. 2,034,599; Mar. 17.
- Salts and using them, Siccative metal. H. A. Bruson and O. Stein. 2,063,838; Dec. 8.
- Salts, Avoiding setting phenomena in commercially prepared. J. Haas and G. Adolf. 2,030,583; Feb. 11.
- Salts, Diamino-pyridine o-hydroxy benzoic acid. J. Krassny. 2,043,547; June 9.
- Salts, Electrolysis of fused. H. N. Gilbert. 2,056,184; Oct. 6.
- Salts from solutions, Apparatus for recovering crystalline. S. H. Davis, C. O. Anderson, and R. J. Stengl. 2,032,201; Feb. 25.
- Salts from their mixtures with other salts, Separation of ammonium. L. Andres. 2,061,128; Nov. 17.
- Salts, Making ammonium. R. E. Cushing. 2,030,811; Feb. 11.
- Salts, Method and apparatus for producing chemical. B. G. Klugh. 2,034,582; Mar. 17.
- Salts of acetyl salicylic acid, Ammonium. P. Rothberg and L. A. Flexser. 2,052,663; Sept. 1.
- Salts of acridinium bases and preparing them. M. Bockmühl and L. Stein. 2,063,865; Dec. 8.
- Salts of aromatic sulphonic acids, Amine. G. R. Tucker. 2,052,586; Sept. 1.
- Salts of barium and strontium, Manufacturing soluble. R. N. Shreve, W. N. Pritchard, Jr., H. V. Farr, A. J. Still, and J. D. Crosby. 2,030,659; Feb. 11.
- Salts of beta alkylated choline alkyl ethers and their production. R. T. Major and J. K. Cline. 2,049,463; Aug. 4.
- Salts of bismuth and producing same, Organic. F. L. Pyman and A. P. T. Easson. 2,054,731; Sept. 15.
- Salts of copper, Preparing. C. J. Wernlund. 2,049,402; July 28.
- Salts of diazotized terazole derivatives, Manufacture of. W. Brün. 2,064,817; Dec. 22.
- Salts of dicarboxylic acid esters of cellulose, Nonalkali metal. C. J. Malm and C. R. Fordyce. 2,040,093; May 12.
- Salts of esters of para-hydroxybenzoic acid. W. H. Engels and J. Weijlard. 2,046,324; July 7.
- Salts of esters of para-hydroxybenzoic acid. W. H. Engels and J. Weijlard. 2,056,176; Oct. 6.
- Salts of medicinal alkaloids and preparing the same, Neutral. T. Haegland. 2,049,442; Aug. 4.
- Salts of organic arsonic acids with acridine compounds. M. Bockmühl and A. Fehrl. 2,040,070; May 12.
- Salts of tetrahydro-N-methyl nicotinic acid-methylester with amino-substituted arsonic acids. M. Bockmühl and G. Ehrhart. 2,037,112; Apr. 14.
- Salts of 2,4,5-trichlorophenol, Alkaline earth metal. L. E. Mills. 2,039,434; May 5.
- Salts, Process for crystallizing. T. W. Langer, C. E. McBride, R. J. Carlson, M. Stow, and F. B. Clardy. 2,045,302; June 23.
- Salts, Production of lithium. H. Siegens and O. Roder. 2,040,573; May 12.
- Salute or torpedo. A. Fabrizio. 2,053,772; Sept. 8.
- Salvage apparatus, Submarine. E. J. Romano. 2,061,256; Nov. 17.
- Salvage device for submarines. E. Gerolami and S. Arata. 2,055,286; Sept. 22.
- Salvage device, Underwater. E. J. Romano. 2,040,956; May 19.
- Salves, creams, soaps, and the like. W. Schrauth. 2,045,415; July 23.
- Sample display device. C. Cahn. 2,035,532; Mar. 31.
- Sampler. W. S. Rainville, Sr. 2,059,999; Nov. 3.
- Sampler, Sidewall formation. H. F. Stevens. 2,044,648; June 16.
- Sampling device. A. W. Gleason and E. L. Moyer. 2,029,231; Jan. 28.
- Sampling valve. E. C. Buckley. 2,041,694; May 26.
- Sanctuary candle lamp. E. J. Knapp. 2,060,324; Nov. 10.
- Sanctuary lamp. O. D. Guilfoil. 2,056,605; Oct. 6.
- Sanctuary lamp. O. W. Oberlander. 2,056,617; Oct. 6.
- Sanctuary lamp. H. C. Will and O. W. Oberlander. 2,034,166; Mar. 17.
- Sand, Apparatus for screening and aerating molding. W. F. Piper. 2,034,203; Mar. 17.
- Sandblast device. F. Palmeter. 2,042,120; May 26.
- Sand discharging apparatus for vehicles. L. E. W. Montrose-Oster. 2,063,395; Dec. 8.
- Sand distributor for automobiles. F. G. Keech and A. Markowitz. 2,028,334; Jan. 21.
- Sand drying device. G. A. Diehl. 2,057,610; Oct. 13.
- Sand, Handling. J. R. Sensibar. 2,035,199; Mar. 24.
- Sand, Making foundry. C. L. Norton. 2,041,721; May 26.
- Sand, Molding. R. E. Paine. 2,062,818; Dec. 1.
- Sandpaper and other abrasive papers and making same, Water-resistant. C. Ellis. 2,031,362; Feb. 18.
- Sand, Purifying glass. R. R. McGregor and E. W. Tillotson. 2,031,969; Feb. 25.
- Sand separator. D. Jones. 2,029,323; Feb. 4.
- Sand spreading apparatus. N. L. Walker. 2,044,652; June 16.
- Sand spreading device. D. L. Blake. 2,065,361; Dec. 22.
- Sander. L. K. Silcox. 2,031,009; Feb. 18.
- Sander for vehicles, Road. R. L. Bowman. 2,063,294; Dec. 8.
- Sander, Track. W. H. White. 2,030,669; Feb. 11.
- Sander trap. C. W. Ploen. 2,063,050; Dec. 8.
- Sander valve. C. A. Campbell. 2,035,533; Mar. 31.
- Sanding apparatus. R. L. Rogers. 2,032,667; Mar. 3.
- Sanding device. H. R. and E. B. Boyer. 2,033,322; Mar. 10.
- Sanding device. E. Falk. 2,064,250; Dec. 15.
- Sanding device. F. H. Kramer and J. C. Thompson. 2,028,874; Jan. 28.
- Sanding machine. T. L. Hedgpeth. 2,044,982; June 23.
- Sanding machine. A. G. McCaleb. 2,064,483; Dec. 15.
- Sanding, polishing and finishing machine. K. E. Edwards. 2,050,295; Aug. 11.
- Sandal. R. B. Kenagy, Sr., and C. J. Hallaux. 2,062,909; Dec. 1.
- Sandal. C. G. Wernmark. 2,038,151; Apr. 21.
- Sandals, Manufacture of strap. D. J. Sullivan. 2,057,072; Oct. 13.
- Sandals, Method and machine for sewing Sahara. C. M. Bagshaw. 2,040,459; May 12.
- Sandwich cutting machine. J. M. Forester. 2,062,170; Nov. 24.
- Sanitary appliance. C. F. Emery, Jr. 2,031,638; Feb. 25.
- Sanitary appliance. C. Mallet. 2,065,009; Dec. 22.



- Sanitary belt. J. F. Fontaine. 2,064,740; Dec. 15.  
 Sanitary collapsible container. W. A. Roselle. 2,038,760; Apr. 28.  
 Sanitary container. H. Juba and J. Furey. 2,039,424; May 5.  
 Sanitary cover. F. J. Taylor. 2,062,949; Dec. 1.  
 Sanitary, hygienic, and chemical effects, Method of and device for producing. H. H. Geffcken and R. H. Richter. 2,035,878; Mar. 31.  
 Sanitary milk protector. R. P. Harris. 2,057,946; Oct. 20.  
 Sanitary mouthpiece cover. G. Kalenoff. 2,055,353-4; Sept. 22.  
 Sanitary napkin. A. M. Beyer, Jr. 2,047,054; July 7.  
 Sanitary napkins, Apparatus for making cushion-edged. C. A. Fourness and C. J. Greiner. 2,052,529; Aug. 25.  
 Sanitary napkins, Method and apparatus for making. G. W. Swift, Jr. 2,040,799; May 12.  
 Sanitary pack unit. W. V. and P. F. Rea. 2,046,427; July 7.  
 Sanitary pad. G. H. Jackson, Jr. 2,043,325; June 9.  
 Sanitary preserving can. H. Karl. 2,049,264; July 28.  
 Sanitary shipping container. C. H. Rollason. 2,031,855; Feb. 25.  
 Sanitation system for a metallic building structure. T. V. Balch. 2,060,655; Nov. 10.  
 Saponifiable from unsaponifiable compounds, Separation of. E. W. Carrier and E. D. Reeves. 2,052,165; Aug. 25.  
 Saponification of materials comprising saponifiable esters of cellulose. H. Dreyfus. 2,049,431; Aug. 4.  
 Saponified material, Producing. R. E. Burns. 2,037,004; Apr. 14.  
 Sash and doors, Double glazing window. C. J. Martinson. 2,029,541; Feb. 4.  
 Sash and frame, Window. M. H. Munson. 2,042,354; May 26.  
 Sash and screen latch, Combination. J. N. Victor. 2,029,452; Feb. 4.  
 Sash and window frame. G. H. Johnson. 2,026,685; Jan. 7.  
 Sash balance, Window. A. Larson. 2,041,646; May 19.  
 Sash balance, Window. D. M. Lewis and E. L. Gardner. 2,051,412; Aug. 18.  
 Sash-balancing means, Window. L. E. Appleby. 2,062,775; Dec. 1.  
 Sash, Changeable window. A. A. Daniels. 2,046,251; June 30.  
 Sash construction. H. Moderau. 2,057,730; Oct. 20.  
 Sash fastener. J. A. Dershem. 2,032,740; Mar. 3.  
 Sash fastener. J. M. Kuebler. 2,042,317; May 26.  
 Sash fastener, Window. A. L. Luce. 2,031,897; Feb. 25.  
 Sash guide. H. D. Severson. 2,037,934; Apr. 21.  
 Sash holder. C. O. Goserud. 2,061,572; Nov. 24.  
 Sash holder. N. Monaster. 2,036,641; Apr. 7.  
 Sash lock. J. A. Obenchain. 2,029,583; Feb. 4.  
 Sash lock. J. M. Tracy. 2,061,493; Nov. 17.  
 Sash lock, Automobile. D. L. Chandler. 2,066,287; Dec. 29.  
 Sash lock, Window. W. B. Lang. 2,036,151; Mar. 31.  
 Sash locking means, Window. P. Riddle. 2,031,791; Feb. 25.  
 Sash, Spring counterbalanced. A. Huttger. 2,053,479; Sept. 8.  
 Sash, Weatherproof metal. I. Nicholson and F. Shields. 2,045,609; June 30.  
 Sash, Window. E. A. Frase. 2,053,186; Sept. 1.  
 Sash, Window. L. Stoltensburg. 2,031,338; Feb. 18.  
 Saturator for absorbent articles. S. P. Miller. 2,042,677; June 2.  
 Sauce making machine. S. Patt. 2,036,094; Mar. 31.  
 Sauce, Preparing meat. O. Ungnade. 2,049,576; Aug. 4.  
 Sausage and casing therefor. C. T. Walter. 2,054,148; Sept. 15.  
 Sausage, Apparatus for linking. G. A. Hillery. 2,052,092; Aug. 25.  
 Sausage casing. C. T. Walter. 2,042,644; June 2.  
 Sausage-making equipment. L. C. Corey. 2,054,875; Sept. 22.  
 Sausage making process. C. H. Vogt. 2,043,132; June 2.  
 Sausage manufacture. H. E. Allen. 2,060,160; Nov. 10.  
 Sausage stuffing machine. G. H. Stallman. 2,038,247; Apr. 21.  
 Saving device. H. A. Binder. 2,043,848; June 9.  
 Saw. J. N. Alexander. 2,046,231; June 30.  
 Saw. S. B. Coleman. 2,035,262; Mar. 24.  
 Saw. P. D. Howe and S. L. Batchelder. 2,064,261; Dec. 15.  
 Saw, Abrasive. F. Bley. 2,032,395; Mar. 3.  
 Saw and the like, Band. G. A. Allward. 2,043,603; June 9.  
 Saw attachment. J. N. Alexander. 2,063,139; Dec. 8.  
 Saw attachment for woodworking machines, Band. J. A. Hirtz, Sr. 2,064,605; Dec. 15.  
 Saw, Chain. G. Arseneau. 2,060,547; Nov. 10.  
 Saw, Electric hand. C. M. MacLeod. 2,064,676; Dec. 15.  
 Saw filing machine. J. F. Mose. 2,064,353; Dec. 15.  
 Saw, Grooving. G. J. Karle, Sr. 2,061,237; Nov. 17.  
 Saw guide, Band. H. E. Tautz. 2,032,233; Feb. 25.  
 Saw, hack. F. Lorusso. 2,034,625; Mar. 17.  
 Saw handle. C. R. Spearin. 2,063,766; Dec. 8.  
 Saw handle, Universal. J. N. Alexander. 2,038,819; Apr. 28.  
 Saw machine, Circular. H. E. Tautz. 2,038,810; Apr. 28.  
 Saw, Open end band. B. Grob. 2,050,490; Aug. 11.  
 Saw, Pivot. I. J. Mitchell. 2,033,846; Mar. 10.  
 Saw, Portable. J. C. Jaques. 2,050,952; Aug. 11.  
 Saw set. P. L. Allard. 2,043,876; June 9.  
 Saw set. T. V. Baker. 2,064,717; Dec. 15.  
 Saw set. J. W. Buller. 2,048,596; July 21.  
 Saw setting tool. J. L. Sjödin. 2,053,639; Sept. 8.  
 Saw, Stone. W. Milne. 2,029,114; Jan. 28.  
 Saw swaging tool. G. Anderson. 2,040,234; May 12.  
 Saw tooth. L. K. Behr. 2,065,041; Dec. 22.  
 Saw tooth, Abrasive. R. N. S. Merritt. 2,043,184; June 2.  
 Saw-tooth protractor. A. T. Wozny. 2,063,776; Dec. 8.  
 Saw, Tubular. E. R. Douglas, J. J. Heins, Jr., and A. Edell. 2,062,257; Nov. 24.  
 Sawing machine. G. Arseneau. 2,051,195; Aug. 18.  
 Sawing machine. O. Matheson. 2,057,157; Oct. 13.  
 Saws, Apparatus for use with type slug. F. I. Hochstadt. 2,057,488; Oct. 13.  
 Saws, Cutting, setting and sharpening circular. E. Poegel. 2,030,225; Feb. 11.  
 Saws, Making circular. M. Bird. 2,064,407; Dec. 15.  
 Saxophone. H. W. Loney. 2,056,680; Oct. 6.  
 Saxophone. A. Loomis. 2,033,774; Mar. 10.  
 Saxophone. A. Loomis. 2,055,382; Sept. 22.  
 Scaffold. A. W. Cummings. 2,039,060; Apr. 28.  
 Scaffold. R. A. Uecker. 2,043,498; June 9.  
 Scaffold for structural workers. C. D. Sutton. 2,043,128; June 2.  
 Scaffold, Indoor portable. F. H. Norton. 2,062,473; Dec. 1.  
 Scaffold machine. P. Hoitsma. 2,038,899; Apr. 28.  
 Scaffold, Pole. A. Strom. 2,060,953; Nov. 17.  
 Scaffold, Safety window. J. S., and H. Ment. 2,059,739; Nov. 3.  
 Scaffold, Window. J. F. Novak. 2,043,864; June 9.  
 Scaffold, Window. J. Victor. 2,033,497; Mar. 10.  
 Scaffolding. G. W. Frost. 2,034,338; Mar. 17.  
 Scaffolding. W. Stelzer. 2,050,900; Aug. 11.  
 Scaffolding coupling. J. Burton. 2,060,171; Nov. 10.  
 Scaffolding, Sectional pipe. E. B. Hertz. 2,037,980; Apr. 21.  
 Scaffolding, Tubular. J. Duff. 2,057,329; Oct. 13.  
 Scale. H. B. Bradshaw. 2,054,190; Sept. 15.  
 Scale. C. E. Breaden. 2,032,910; Mar. 3.  
 Scale. J. W. Bryce. 2,027,019; Jan. 7.  
 Scale. J. W. Bryce. 2,055,965; Sept. 29.  
 Scale. H. Eschenbacher and P. Kircher. 2,061,271; Nov. 17.  
 Scale. M. Garbell. 2,039,528; May 5.  
 Scale. M. H. Hansen. 2,039,164; Apr. 28.  
 Scale. B. W. King. 2,051,487; Aug. 18.  
 Scale. P. J. Kircher. 2,061,278; Nov. 17.  
 Scale. E. J. Von Pein. 2,027,077; Jan. 7.  
 Scale. E. J. Von Pein. 2,054,184; Sept. 15.  
 Scale. E. J. Von Pein. 2,063,712; Dec. 8.  
 Scale. E. J. Von Pein and W. N. Gilbert. 2,045,974; June 30.  
 Scale. G. Walker and J. E. Woodland. 2,055,092; Sept. 22.  
 Scale. H. L. Walker. 2,030,666-7; Feb. 11.  
 Scale. H. L. Walker. 2,033,212; Mar. 10.  
 Scale. H. L. Walker. 2,054,456; Sept. 15.  
 Scale. H. L. Walker. 2,058,535; Oct. 27.  
 Scale, Automatic. A. L. Sprecker. 2,046,005; June 30.  
 Scale, Automatic weighing. F. J. Quinn. 2,042,627; June 2.  
 Scale, Bathroom. J. C. Sutton. 2,049,632; Aug. 4.  
 Scale, Coin controlled printing and vending. F. L. Mills. 2,038,802; Apr. 28.  
 Scale, Coin-controlled weighing and ticket printing. B. E. Mills. 2,039,020; Apr. 28.  
 Scale, Computing weighing. C. O. Marshall. 2,030,013; Feb. 4.  
 Scale, Dormant. W. Gumprich and W. N. Gilbert. 2,036,042; Mar. 31.  
 Scale, Egg grading. G. W. Leighton. 2,054,260; Sept. 15.  
 Scale formation and for the continuous automatic discharge of mud from steam boilers and heaters of liquids, System for the prevention of. C. Piccardo. 2,042,122; May 26.  
 Scale, Hydraulic. J. B. Strauss. 2,052,116; Aug. 25.  
 Scale mechanism. P. Asmussen. 2,051,811; Aug. 25.  
 Scale or dial arrangement for broadcast receivers or the like. H. G. Engel and F. Ulrich. 2,054,931; Sept. 22.  
 Scale, Platform. M. Garbell. 2,039,527; May 5.  
 Scale, Pocket. J. H. Willy. 2,040,037; May 5.  
 Scale, Postal. H. T. Kingsbury. 2,036,636-7; Apr. 7.  
 Scale preventer. J. M. Thompson. 2,058,370; Oct. 20.  
 Scale, Spring. H. T. Kingsbury. 2,036,635; Apr. 7.  
 Scale, Tuning. J. A. Wiegand. 2,052,265; Aug. 25.  
 Scale, Weighing. R. C. Barler and C. Burkhard. 2,066,243; Dec. 29.  
 Scale, Weighing. S. Q. Bennett. 2,029,907; Feb. 4.  
 Scale, Weighing. C. L. Connors. 2,047,311; July 14.  
 Scale, Weighing. W. H. Greenleaf. 2,047,681; July 14.  
 Scale, Weighing. M. H. Hansen. 2,053,955; Sept. 8.  
 Scale, Weighing. E. G. Hedman. 2,034,234; Mar. 17.  
 Scale, Weighing. R. H. Herron. 2,049,296; July 28.  
 Scale, Weighing. S. N. Hurt. 2,029,926; Feb. 4.  
 Scale, Weighing. S. N. Hurt. 2,049,297; July 28.  
 Scale, Weighing. W. F. Stimpson. 2,047,335; July 14.  
 Scale, Weighing. F. V. Waltz. 2,029,902; Feb. 4.  
 Scale, Weighing. F. V. Waltz. 2,031,439; Feb. 18.  
 Scale, Weighing. F. V. Waltz. 2,049,282; July 28.  
 Scale, Weighing. M. A. Weckerly. 2,029,903; Feb. 4.  
 Scale, Weighing. L. S. Williams. 2,027,504; Jan. 14.  
 Scale, Weighing and counting. W. N. Gilbert. 2,030,444; Feb. 11.



- Scalp invigorator. W. P. and H. J. Farnon. 2,063,084; Dec. 8.
- Scalp massaging apparatus. P. E. Erickson. 2,049,434; Aug. 4.
- Scalp protector. R. Friedman. 2,055,008; Sept. 22.
- Scalp treatment. Appliance for aiding. E. J. Dykeman. 2,046,814; July 7.
- Scalping apparatus. L. Burmeister. 2,053,895; Sept. 8.
- Scanning and synchronizing system. P. T. Farnsworth. 2,051,372; Aug. 18.
- Scanning device for television. E. L. Koch. 2,034,583; Mar. 17.
- Scarf. E. Buchman. 2,042,442; May 26.
- Scarf. W. P. Fortune. 2,050,170; Aug. 4.
- Scarf holder. N. Levy. 2,065,903; Dec. 29.
- Scarf holder. H. D. Seebeck. 2,042,807; June 2.
- Scarifier. N. H. Senz. 2,042,196; May 26.
- Scarifier tooth. S. M. Stoddy. 2,033,594; Mar. 10.
- Scarifying tooth and holder. A. B. Wilson. 2,036,111; Mar. 31.
- Scavenger and making same, Metallurgical. C. J. Kinzie. 2,044,908; June 23.
- Scavenging and supply of combustion air to two-cycle engines. E. B. Pollister. 2,062,821; Dec. 1.
- Scavenging for internal combustion engines. B. Kahn. 2,053,338; Sept. 8.
- Scavenging system. E. Atteslander. 2,054,963; Sept. 22.
- Scenery, Interchangeable and renewable. F. D. Holden. 2,052,178; Aug. 25.
- Scissors and the like. M. W. McArdle and I. Jeppsson. 2,047,483; July 14.
- Scoliosis corrective brace. K. W. Buschenfeldt. 2,060,173; Nov. 10.
- Scoop, Circulating water. A. I. Ponomareff. 2,059,026; Oct. 27.
- Scoop, Wire. B. H. Smith. 2,046,534; July 7.
- Scooter. E. P. Kanengeiser. 2,030,796; Feb. 11.
- Scooter. W. E. Larkin. 2,027,388; Jan. 14.
- Scooter. E. E. Schaad. 2,027,620; Jan. 14.
- Scooter. J. Vincent. 2,051,762; Aug. 18.
- Scooter. C. Vogt. 2,027,254; Jan. 7.
- Scooter, Self propelling. C. A. A. G. Sabaeff. 2,062,830; Dec. 1.
- Score board. F. Summers. 2,065,624; Dec. 29.
- Scorecard. B. J. Craig. 2,055,518; Sept. 29.
- Score card and memoranda book, Combined. M. L. Lemburg. 2,036,341; Apr. 7.
- Scorekeeper, Bridge. F. L. Morse. 2,058,614; Oct. 27.
- Scoring and punching device for loose leaf covers. S. D. Light. 2,027,444; Jan. 14.
- Scoring device. E. W. Wahlin. 2,031,291; Feb. 18.
- Scouring device. E. S. Bradford, Jr. 2,043,031; June 2.
- Scouring implement. R. B. Kingman. 2,026,638; Jan. 7.
- Scouring machine. W. W. Bradbury. 2,057,290; Oct. 13.
- Scraper. A. G. Andrews. 2,046,599; July 7.
- Scraper. L. O. Bird. 2,051,197; Aug. 18.
- Scraper. C. Le Bleu. 2,052,182; Aug. 25.
- Scraper. E. T. Gove. 2,060,369; Nov. 10.
- Scraper. E. B. Maloon. 2,064,023; Dec. 15.
- Scraper agitator, Center line. G. H. Tay. 2,027,756; Jan. 14.
- Scraper and bulldozer, Combination. M. C. Slate. 2,061,924; Nov. 24.
- Scraper and polisher for internal combustion engines. S. B. Smith. 2,056,080; Sept. 29.
- Scraper and road scraper attachment for trucks, Road. E. A. Weeks. 2,062,544; Dec. 1.
- Scraper blade. J. K. Cushman. 2,030,969; Feb. 18.
- Scraper, Carcass. G. N. Edwards. 2,029,064; Jan. 28.
- Scraper, Earth. P. C. Anderson. 2,043,220; June 9.
- Scraper, Flash. G. L. Hise. 2,053,829; Sept. 8.
- Scraper, Flexible blade. G. A. Orman. 2,061,669; Nov. 24.
- Scraper for classifying grates. H. Köhler. 2,054,984; Sept. 22.
- Scraper for hands with a sensitive surface. E. Bleibler. 2,050,519; Aug. 11.
- Scraper or grader. H. C. Buffington. 2,044,933; June 23.
- Scraper, Road. J. W. Ross. 2,048,952; July 28.
- Scraper, Road. C. G. Willett and G. W. Betteridge. 2,055,886; Sept. 29.
- Scraper, Spark plug. W. I. Scott and L. H. Foster. 2,028,170; Jan. 21.
- Scraper, Stovepipe and chimney. W. A. Thompson. 2,058,112; Oct. 20.
- Scraper with scoop lift mechanism. C. Le Bleu. 2,047,027; July 7.
- Scraping tool. N. N. Okun. 2,042,273; May 26.
- Scraping tool. R. O. Peterson. 2,062,998; Dec. 1.
- Screen: See—
- Adjustable screen.
  - Automobile screen.
  - Cinematograph projection screen.
  - Color screen.
  - Dramatization screen.
  - Eye protecting screen.
  - Fish screen.
  - Flat screen.
  - Fluorescent screen.
  - Fly screen.
  - Folding screen.
  - Grain cleaning screen.
  - Insect screen.
  - Light baffling screen.
  - Liquid pulp screen.
  - Motion picture screen.
  - Projection screen.
  - Pulsating screen.
  - Retractable roller screen.
  - Rolling screen.
  - Spark screen.
  - Stencil screen.
  - Vibrating screen.
  - Vibratory screen.
  - Well screen.
  - Wind screen.
  - Window screen.
  - Wire sifting screen.
  - Woven wire screen.
- Screen. E. E. Johnson. 2,046,458; July 7.
- Screen. R. O. Oakley. 2,033,734; Mar. 10.
- Screen. F. E. Palmer. 2,056,310; Oct. 6.
- Screen and awning, Combination. J. M. Sullivan. 2,039,745; May 5.
- Screen and brace, Roll window. T. N. Bulmer. 2,056,341; Oct. 6.
- Screen and process of producing same, Photoengraving. C. E. Benson. 2,041,317; May 19.
- Screen and storm sash, Combination window. F. W. Stephens. 2,047,086; July 7.
- Screen and supporting frame therefor, Picture projection. H. J. Schlacks. 2,059,402; Nov. 3.
- Screen attachment. C. A. Fuelle. 2,047,366; July 14.
- Screen door brace. G. A. Wellman. 2,038,461; Apr. 21.
- Screen door hook. T. G. DeVilbiss. 2,034,331; Mar. 17.
- Screen filtering arrangement. C. A. Nickle. 2,059,017; Oct. 27.
- Screen for hammer mill grinders. H. J. Mankoff. 2,054,507; Sept. 15.
- Screen for luminous projections and other applications and its manufacture, Shadow producing. E. Astima. 2,053,173; Sept. 1.
- Screen for oil wells. E. E. Johnson. 2,046,459; July 7.
- Screen for optical projections. H. C. Mahoney. 2,060,817; Nov. 17.
- Screen for placer mining machine, Self cleaning. L. B. N. W., and J. M. Goldberg. 2,038,931; Apr. 28.
- Screen for use with lenticulated films, Multicolor. E. Gretener. 2,030,447; Feb. 11.
- Screen grid modulation, System of. W. S. Marks, Jr. 2,043,255; June 9.
- Screen hanger. B. Hansen. 2,055,348; Sept. 22.
- Screen holder. J. S. Santiago. 2,042,277; May 26.
- Screen holder for cameras, Adjustable. G. P. Grant. 2,036,211; Apr. 7.
- Screen on material, Forming a. J. C. Batchelor. 2,062,858; Dec. 1.
- Screen operating mechanism, Half tone. W. Disque and C. E. Skelton. 2,062,401; Dec. 1.
- Screen separator. G. H. Fraser. 2,027,375; Jan. 14.
- Screening apparatus. S. D. Robins. 2,042,072; May 26.
- Screens, Fabricating. E. E. Johnson. 2,046,461; July 7.
- Screens, Forming well. E. E. Johnson. 2,049,206; July 28.
- Screens, Making irradiation subdividing. L. P. F. van der Grinten. 2,051,586; Aug. 18.
- Screens, Making photographic stencil. E. E. Young. 2,030,731; Feb. 11.
- Screens, Shaking mechanism for. A. J. Hazle, Jr., and L. Rose. 2,058,870; Oct. 27.
- Screw: See—
- Clamping screw.
- Screw. F. K. Brown. 2,062,550; Dec. 1.
- Screw. S. Olson. 2,050,961; Aug. 11.
- Screw. H. F. Phillips. 2,046,343; July 7.
- Screw. H. F. Phillips and T. M. Fitzpatrick. 2,046,839; July 7.
- Screw. F. N. Tilton. 2,039,368; May 5.
- Screw. M. A. West. 2,058,197; Oct. 20.
- Screw and making same, Drive. C. K. Hill. 2,037,235; Apr. 14.
- Screw and screw driver for the same. M. A. West. 2,062,383; Dec. 1.
- Screw, Bit locking. A. L. Lee. 2,046,025; June 30.
- Screw-cap or cover with brush. A. Gross. 2,026,890; Jan. 7.
- Screw capping machine. A. Podel. 2,034,878; Mar. 24.
- Screw caps to containers, Forming and applying. L. R. N. Carvalho. 2,038,524; Apr. 28.
- Screw capable of conversion into a fixed wing. E. A. Perrin. 2,055,585; Sept. 29.
- Screw closure, Independent. J. A. Burns. 2,039,145; Apr. 28.
- Screw conveyer. E. J. L. F. Constantin. 2,045,757; June 30.
- Screw cutting attachment for lathes. H. Rlester. 2,044,635; June 16.
- Screw, Differential. D. C. Rowe, W. Tydon, and F. E. Flader. 2,044,368; June 16.
- Screw down for rolling mills. H. Uebing. 2,060,476; Nov. 10.
- Screw-down indicating apparatus. R. H. Ellis and H. N. Fry. 2,036,571; Apr. 7.
- Screw driver. E. A. Adison. 2,040,723; May 12.
- Screw driver. L. Balga. 2,042,376; May 26.
- Screw driver. J. A. Hedden. 2,050,320; Aug. 11.
- Screw driver. F. B. John. 2,028,546; Jan. 21.
- Screw driver. H. F. Phillips. 2,046,838; July 7.
- Screw driver. H. F. Phillips and T. M. Fitzpatrick. 2,046,840; July 7.
- Screw driver handle. M. G. Zongaro. 2,063,419; Dec. 8.
- Screw driver, Ratchet. J. W. Chapman. 2,058,855; Oct. 27.
- Screw fan ventilator. J. C. Akester. 2,048,985; July 28.
- Screw feed centrifugal pump. A. C. Durdin, Jr. 2,029,766; Feb. 4.
- Screw feed, Nonjam. B. D. Greenlaw. 2,060,569; Nov. 10.
- Screw holder. J. B. Conklin. 2,056,256; Oct. 6.
- Screw mechanisms for focusing optical instruments or for other purposes. W. Taylor. 2,053,231; Sept. 1.
- Screw propeller. M. P. Vargas. 2,046,538; July 7.
- Screw pump. J. L. Adams, Jr. 2,030,560; Feb. 11.
- Screw, Self-locking. C. E. Johnson. 2,036,479; Apr. 7.



- Screw with a driver, Uniting a. H. F. Phillips. 2,046,837; July 7.
- Screwworm fly trap. E. F. Dallar. 2,037,852; Apr. 21.
- Screws and bolts, Manufacture of. W. M. Horton. 2,027,980; Jan. 14.
- Screws, Making headless. G. A. Moore. 2,056,053; Sept. 29.
- Screws, Method of and apparatus for forming. B. W. Lindquist. 2,032,586; Mar. 3.
- Screws, Treating metal-coated. R. Thomson. 2,058,841; Oct. 27.
- Scriber. A. W. Keuffel. 2,050,058; Aug. 4.
- Scriber indicator. F. Markowicz. 2,029,665; Feb. 4.
- Sea dredging, Method of and device for deep. J. C. Williams. 2,039,944; May 5.
- Seal. A. H. Carlson. 2,051,367; Aug. 18.
- Seal. E. R. De Luiz. 2,027,815; Jan. 14.
- Seal. A. J. and I. F. Fausek. 2,056,043; Sept. 29.
- Seal. J. D. Le Van. 2,057,661; Oct. 20.
- Seal. G. E. Loehde. 2,041,421; May 19.
- Seal and package, Strap. C. M. MacChesney. 2,062,098; Nov. 24.
- Seal and setting tool, Set shoe. J. H. Howard. 2,051,713; Aug. 18.
- Seal and the like, Leakproof. T. C. Delaval-Crow. 2,054,580; Sept. 15.
- Seal, Barrel. L. E. Anderson. 2,027,143; Jan. 7.
- Seal, Bearing. F. Leister and J. W. Smith. 2,051,304; Aug. 18.
- Seal, Bearing. S. M. Weckstein. 2,059,068; Oct. 27.
- Seal, Closure. A. E. Nave. 2,041,946; May 26.
- Seal-flap gumming and drying in envelope machines. M. Goder. 2,031,261; Feb. 18.
- Seal for advertising matter. B. H. Ziehler. 2,059,427; Nov. 3.
- Seal for axle bearings. V. A. Bary. 2,036,453; Apr. 7.
- Seal for barrels, Ring. D. W. Thomas. 2,054,105; Sept. 15.
- Seal for bearing closure. H. H. Wood. 2,037,843; Apr. 21.
- Seal for bearings. A. T. Colwell and A. Townhill. 2,034,227; Mar. 17.
- Seal for containers. W. I. McGowan. 2,047,977; July 21.
- Seal for electric discharge devices. A. Amillac. 2,056,140; Sept. 29.
- Seal for electric discharge devices. W. H. Teare. 2,050,867; Aug. 11.
- Seal for high vacuum chambers, Shaft. R. J. Van de Graaff. 2,064,703; Dec. 15.
- Seal for metal straps. F. P. Prindle. 2,053,739; Sept. 8.
- Seal for reciprocating pumps, Tubing. F. M. Hudson. 2,064,429; Dec. 15.
- Seal for refrigerating apparatus. R. M. Buffington. 2,046,724; July 7.
- Seal for refrigerating apparatus. G. F. Weiher. 2,048,581; July 21.
- Seal for rolling mill bearings. F. P. Dahlstrom. 2,050,166; Aug. 4.
- Seal for rotary engines. H. E. Kempton. 2,030,303; Feb. 11.
- Seal for rotary shafts, Bearing. C. J. Winkler. 2,027,505; Jan. 14.
- Seal for stirring devices in chemical apparatus. C. F. Wells. 2,036,309; Apr. 7.
- Seal for tires, Rim hole. J. H. Clo. 2,054,965; Sept. 22.
- Seal for two-part mercury tube switch envelope. J. H. Staley. 2,045,003; June 23.
- Seal for use with crushing machinery, Water. H. A. Jacobson. 2,054,326; Sept. 15.
- Seal, Freight car. H. L. Griswold. 2,047,100; July 7.
- Seal, Glass metal. H. Scott. 2,062,335; Dec. 1.
- Seal, Glass-to-metal. E. D. McArthur. 2,048,556; July 21.
- Seal, Glass-to-metal. H. Scott. 2,057,452; Oct. 13.
- Seal, Glass-to-metal. H. Scott. 2,065,404; Dec. 22.
- Seal, Identification. M. Weintraub. 2,046,713; July 7.
- Seal, Metal glass. H. Scott. 2,043,307; June 9.
- Seal, Metallic windowpane. R. L. Eheler. 2,047,062; July 7.
- Seal, Oil. A. F. Gardner. 2,049,366; July 28.
- Seal, Oil. R. J. Gits. 2,052,762; Sept. 1.
- Seal or cap, Bottle. M. W. Coutts and J. S. Gibbons. 2,043,319; June 9.
- Seal, Plastic lubricating seal. E. J. Svenson. 2,032,817; Mar. 3.
- Seal, Rotary element. R. D. Corke. 2,040,429; May 12.
- Seal, Shaft. W. Gilbert, Sr. 2,049,955; Aug. 4.
- Seal, Shaft. J. A. Olson. 2,037,144; Apr. 14.
- Seal, Sluice gate. G. A. Wallace. 2,055,512; Sept. 29.
- Seal, Strap. C. M. MacChesney. 2,062,099; Nov. 24.
- Seal, Tamperproof. A. A. Massini. 2,046,127; June 30.
- Seal, Tamperproof closure. S. Grauer. 2,032,207; Feb. 25.
- Seal, Tamperproof closure. S. Grauer. 2,043,243; June 9.
- Seal, Vacuum. W. R. Mobley. 2,037,731; Apr. 21.
- Sealable container. F. Keidel. 2,064,432; Dec. 15.
- Sealed bearing. G. W. Fernström. 2,034,567; Mar. 17.
- Sealed bearing. K. G. V. Nilsson. 2,031,571; Feb. 18.
- Sealed joint. D. D. Crandell. 2,064,785; Dec. 15.
- Sealer, Wetproof blasting cap. J. F. Vanderpool and W. H. Baker. 2,036,511; Apr. 7.
- Sealing closures, Device for removing. I. Newman. 2,060,888; Nov. 17.
- Sealing collar. E. M. Tucker. 2,054,308; Sept. 15.
- Sealing composition. F. A. Madenwald and N. J. Beno. 2,037,913; Apr. 21.
- Sealing composition. F. Stevens. 2,059,409; Nov. 3.
- Sealing connection. C. Wentz. 2,054,348-9; Sept. 15.
- Sealing device. J. Benaggio. 2,033,371; Mar. 10.
- Sealing device. E. S. Clark. 2,059,775; Nov. 3.
- Sealing device. P. Hoffman. 2,049,774; Aug. 4.
- Sealing device. R. G. Nelson. 2,055,180; Sept. 22.
- Sealing device, Automatic. G. Foges. 2,039,401; May 5.
- Sealing device for bottles. W. H. Beider and T. M. Cunningham. 2,043,226; June 9.
- Sealing device for refrigerating apparatus. C. O. Barr. 2,038,990; Apr. 28.
- Sealing device for refrigerator cabinets. I. L. Wise. 2,038,991; Apr. 28.
- Sealing equipment for wrapping machines. M. A. Sticelber. 2,049,876; Aug. 4.
- Sealing-in machine. J. P. Laico. 2,027,181; Jan. 7.
- Sealing machine. C. Eisler. 2,063,235; Dec. 8.
- Sealing machine. R. Ohlsen and A. J. Knutowski. 2,050,455-7; Aug. 11.
- Sealing means. H. C. Bowen. 2,060,847; Nov. 17.
- Sealing means. H. Francis, Jr. 2,054,369; Sept. 15.
- Sealing means. C. S. Gillette. 2,062,305; Dec. 1.
- Sealing means for containers. J. M. Hothersall. 2,042,467; June 2.
- Sealing means for electric switch ground boxes. S. T. Quilliam. 2,039,493; May 5.
- Sealing means for heat exchangers. E. O. Eriksson. 2,055,071; Sept. 21.
- Sealing means for pneumatic springs and the like. E. Ericsson. 2,064,527; Dec. 15.
- Sealing means for wirebound boxes. A. L. Rosenmund. 2,029,124; Jan. 28.
- Sealing means for wrappers. A. G. S. Lindgren. 2,037,420; Apr. 14.
- Sealing ring. A. E. Jesser. 2,029,173; Jan. 28.
- Seals, Opening closure. J. Liner. 2,036,419; Apr. 7.
- Seals, Packing fluid. W. A. Lazier. 2,027,389; Jan. 14.
- Seam and making same, Wire-cloth. N. W. Webb. 2,030,616; Feb. 11.
- Seam felling machine, Double lap. F. A. Kucera. 2,061,360; Nov. 17.
- Seam for garments. M. Popper. 2,055,728; Sept. 29.
- Seam for garments. M. Schrank. 2,041,626; May 19.
- Seam for sewed articles, Flat. H. J. Le Vescoute. 2,056,580; Oct. 6.
- Seam for woven wire fabric and making same. W. C. Sutton. 2,049,575; Aug. 4.
- Seaming and pinking machine, Combined. H. C. Moulton. 2,031,545; Feb. 18.
- Seaming and soldering machine for metal can bodies. L. D. Titus. 2,059,061; Oct. 27.
- Seaming machine. A. G. Hopkins. 2,032,481; Mar. 3.
- Seaming machine, Double. H. L. Guenther. 2,052,620; Sept. 1.
- Seaming tool. C. Schlicht. 2,053,378; Sept. 8.
- Seamless tank. B. Bart. 2,029,011; Jan. 28.
- Seams in metal articles, Electric flash welding of. D. J. Reed and I. Burggraf. 2,055,310; Sept. 22.
- Seams, Method of and apparatus for opening. C. C. Cutler. 2,032,918; Mar. 3.
- Seasoning composition containing lecithin, Solid. C. L. Griffith and L. A. Hall. 2,032,612; Mar. 3.
- Seat: See—
- |                             |                        |
|-----------------------------|------------------------|
| Adjustable automobile seat. | Juvenile toilet seat.  |
| Adjustable seat.            | Portable folding seat. |
| Adjustable window seat.     | Portable seat.         |
| Airplane seat.              | Saddle seat.           |
| Aisle seat.                 | Shooting seat.         |
| Auxiliary seat.             | Spring cushion seat.   |
| Bathtub seat.               | Spring seat.           |
| Car seat.                   | Sun bath seat.         |
| Chair seat.                 | Toilet seat.           |
| Child's toilet seat.        | Transportation seat.   |
| Foldable bleacher seat.     | Valve seat.            |
| Furniture spring seat.      | Window cleaning seat.  |
| Infant's toilet seat.       | Window seat.           |
- Seat. F. B. McElmoyl. 2,044,717; June 16.
- Seat. H. P. Nordmark. 2,053,349; Sept. 8.
- Seat. I. E. Otto. 2,042,238; May 26.
- Seat. S. E. Thomas. 2,028,633; Jan. 21.
- Seat adjuster. S. K. Bishop. 2,031,248; Feb. 18.
- Seat and bed arrangement for coupes and the like, Combination. R. D. Shrewsbury. 2,044,334; June 16.
- Seat and bed, Combination reclining movable auto. R. H. Pepper. 2,041,648; May 19.
- Seat and cover, Toilet. H. C. MacDonald. 2,047,480; July 14.
- Seat and cover, Toilet. F. A. Steadman. 2,050,472; Aug. 11.
- Seat and cover, Water closet. J. M. Teahen. 2,037,287; Apr. 14.
- Seat and valise, Combination outing. H. Rosenberg. 2,047,035; July 7.
- Seat back spring. A. P. Ball. 2,034,078; Mar. 17.
- Seat base, Rotating car. S. Hendrickson and J. Leger. 2,063,674; Dec. 8.
- Seat connecting device. P. Cavitt. 2,059,848; Nov. 3.
- Seat connection. A. G. Leake. 2,042,179; May 26.
- Seat construction. F. O. Church. 2,047,616; July 14.
- Seat construction. A. A. Grinnell. 2,047,682; July 14.
- Seat construction. G. H. Hamilton. 2,065,310; Dec. 22.
- Seat construction. O. V. Kuhner. 2,048,126; July 21.
- Seat construction, Adjustable. A. L. de Cary. 2,064,592; Dec. 15.



- Seat construction, Automobile. G. L. Sturdevant. 2,059,056; Oct. 27.
- Seat construction, Spring. J. L. McInerney. 2,042,157; May 26.
- Seat construction, Upholstered chair. L. A. Suekoff. 2,052,811; Sept. 1.
- Seat cover. J. Levi. 2,034,403; Mar. 17.
- Seat cover. E. Wittcoff. 2,027,947; Jan. 14.
- Seat covering device. J. Brueckl. 2,040,463; May 12.
- Seat for automobiles and the like. J. H. Rast. 2,057,591; Oct. 13.
- Seat for barbers' chairs, Child's. O. R. Scioscia. 2,056,870; Oct. 6.
- Seat for motor vehicles, Convertible. H. G. and H. C. Clarke. 2,039,682; May 5.
- Seat for valves, Resilient. M. S. McKellar, R. P. Sherman, and H. W. Fletcher. 2,030,458; Feb. 11.
- Seat for vehicles and the like, Slidable. A. W. Chapman. 2,037,366; Apr. 14.
- Seat operator, Closet. P. J. Revers. 2,042,276; May 26.
- Seat post supporting member. B. J. Anderson. 2,034,935; Mar. 24.
- Seat sill. M. P. Blomberg. 2,056,230; Oct. 6.
- Secondary battery. H. DeMartis and S. J. Clark. 2,047,179; July 14.
- Secondary or storage battery. E. W. Smith. 2,027,310; Jan. 7.
- Secrecy system. H. Chireix and R. Villem. 2,026,613; Jan. 7.
- Secret messages, Recording and reproducing. J. B. Walker. 2,045,624; June 30.
- Section, Folded metal. M. H. Trytten. 2,050,074; Aug. 4.
- Securing and supporting means. S. S. Bernstein. 2,055,213; Sept. 22.
- Securing device. T. C. McVeagh. 2,026,586; Jan. 7.
- Securing device for cables or the like. J. H. Van Uum. 2,065,843; Dec. 29.
- Securing device for tie-knots. I. Mjelva. 2,033,531; Mar. 10.
- Sedan and phaeton, Convertible. R. B. Birge. 2,029,050; Jan. 28.
- Sediment detecting device. F. B. Carkhuff. 2,034,795; Mar. 24.
- Sediment test of a fluid, Preserving the. J. G. Lucas. 2,046,566; July 7.
- Sediment tester. O. D. Knight. 2,044,310; June 16.
- Sedimentation apparatus. H. B. Coulter. 2,064,151; Dec. 15.
- Sedimentation apparatus. A. J. Fischer. 2,064,792; Dec. 15.
- Sedimentation apparatus. W. C. Weber. 2,033,213; Mar. 10.
- Sedimentation apparatus or thickener. E. W. A. and P. H. I. Humphreys. 2,036,809; Apr. 7.
- Sedimentation tank. H. R. Green. 2,052,091; Aug. 25.
- Sediments of liquids, Apparatus for collecting and testing. N. Ferraez, Jr. 2,055,252; Sept. 22.
- Seed and fertilizer distributor, Lawn. G. Marlsdale. 2,065,717; Dec. 29.
- Seed bed cover. T. J. Kelly. 2,028,220; Jan. 21.
- Seed cotton, Device for culling and grading. C. A. Bennett and F. L. Gerdes. 2,045,064; June 23.
- Seed dropping attachment for planters. J. C. Crowley. 2,054,723; Sept. 15.
- Seed feeding means for planters. J. Salsburg. 2,036,544; Apr. 7.
- Seed from wheat, Separation of garlic and onion. B. Hartz. 2,030,632; Feb. 11.
- Seed gathering device. W. B. Putnam. 2,040,498; May 12.
- Seed germinating machine. M. H. Loughridge. 2,051,094; Aug. 18.
- Seed germinating system. E. A. Widmann. 2,040,161; May 12.
- Seed harvesting attachment for mowing machines. C. J. Hartsell. 2,051,336; Aug. 18.
- Seed holding and distributing device. A. Waddick. 2,061,955; Nov. 24.
- Seed mixer and agitator. A. Holmquist. 2,030,591; Feb. 11.
- Seeder, Broadcast. J. A. Macaulay. 2,031,540; Feb. 18.
- Seeder machine. L. Gilgenbach. 2,051,699; Aug. 18.
- Seeds, Process and device for the handling of planted. M. R. Mulford. 2,039,442; May 5.
- Seeds, Separating. F. C. Dyer and H. L. McClelland. 2,031,943; Feb. 25.
- Seepproof bag. C. W. Fry and H. L. Ruff. 2,042,594; June 2.
- Seesaw. H. F. Husted and E. S. Hogg. 2,033,523; Mar. 10.
- Seesaw, Portable. H. F. Husted. 2,043,894; June 9.
- Segmental grinding wheel. G. N. Jeppson. 2,032,484; Mar. 3.
- Seismic-electric prospecting, Method and apparatus for. L. W. Blau and L. Statham. 2,054,067; Sept. 15.
- Seismic prospecting. L. W. Blau. 2,055,476; Sept. 29.
- Seismic prospecting, Method and apparatus for. L. W. Blau and L. Statham. 2,046,104; June 30.
- Seismic surveying. E. W. Johnson. 2,028,286; Jan. 21.
- Seismic surveying. V. Voorhees. 2,064,451; Dec. 15.
- Seismic waves, Recording. K. L. McHenry. 2,063,820; Dec. 8.
- Seismograph. W. G. Green. 2,062,784; Dec. 1.
- Selecting and shifting mechanism for transmissions. T. B. Tyler. 2,051,113; Aug. 18.
- Selecting device. W. Heinitz. 2,046,072; June 30.
- Selection device, Automatic. J. W. Armbruster. 2,044,143; June 16.
- Selective and calling device for automatic telephone apparatus. C. J. Hilgers. 2,060,371; Nov. 10.
- Selective controlling and indicating apparatus. C. S. Snavely. 2,062,839; Dec. 1.
- Selective detection. F. O. Farnham. 2,065,890; Dec. 29.
- Selective oil dispenser. C. W. Ginter and J. F. Carter. 2,057,483; Oct. 13.
- Selective system. T. A. Rich. 2,049,319; July 28.
- Selective switch. J. A. Burwell. 2,039,630; May 5.
- Selective switch. D. H. Gleason and F. J. Redmond. 2,039,644; May 5.
- Selective tube system. W. V. McGuinness and J. M. Chulstrom and A. Drenkard, Jr. 2,039,016; Apr. 28.
- Selectivity control for radio. L. F. Curtis. 2,033,380; Mar. 10.
- Selector. M. L. Lockhart and E. E. Postel. 2,039,966; May 5.
- Selector control switch. E. J. W. Ragsdale. 2,064,179; Dec. 15.
- Selector control unit. T. J. Scofield. 2,038,241; Apr. 21.
- Selector for calculating machines. E. V. Gustafsson and G. H. Hellgren. 2,048,261-2; July 21.
- Selector for control clocks. B. E. Shaw. 2,060,639; Nov. 10.
- Selector mechanism for automatic tuning. C. R. Garrett. 2,044,607; June 16.
- Selector relay system. O. W. Livingston. 2,053,156; Sept. 1.
- Selenium cell manufacture. C. S. Treacy. 2,053,881; Sept. 8.
- Selenium, Recovery of. F. F. Poland. 2,048,563; July 21.
- Self-adjusting brake. F. C. Runyan. 2,027,202; Jan. 7.
- Self-adjusting brake. H. Smith, J. Schlegel, and A. B. Asbury. 2,031,742; Feb. 25.
- Self-aligning bearing, Adjustable. F. W. Scheffler. 2,048,972; July 28.
- Self-centering device. R. L. Hibbard. 2,063,741; Dec. 8.
- Self cleaning filter, Semi-continuous. G. Blaufuss. 2,038,921; Apr. 28.
- Self-cooling bus-system for electrical installations. B. W. Shoemaker. 2,033,743; Mar. 10.
- Self-feed and self-coiling snake tool, Semiautomatic. I. D. Yohn. 2,037,103; Apr. 14.
- Self-hardening composition, Acidproof. K. Frank, K. Dietz, F. Privinsky, and E. Thiel. 2,034,802; Mar. 24.
- Self-hardening compositions and products obtainable thereby, Preparing. C. Kränzlein and R. K. Müller. 2,060,625; Nov. 10.
- Self-lapping brake valve. E. K. Lynn. 2,039,729; May 5.
- Self-loading device for trailers of logging trucks. W. G. Stratton. 2,034,842; Mar. 24.
- Self-lock for bale ties. H. M. Sides. 2,034,636; Mar. 17.
- Self-locking bracket. F. J. Burns. 2,030,960; Feb. 18.
- Self-locking pin. A. J. Pepin. 2,061,478; Nov. 17.
- Self-lubricating chain. F. O. Blake. 2,056,597; Oct. 6.
- Self-luminous element, Making. J. E. Paul. 2,028,241; Jan. 21.
- Self-luminous sign. J. L. S. De Tagle and R. L. Zaplain. 2,055,172; Sept. 22.
- Self-priming impeller pump. A. C. Stratton. 2,059,288; Nov. 3.
- Self-priming pump. R. G. Barzen. 2,041,586; May 19.
- Self-propelled or walking device. V. Meier. 2,036,427; Apr. 7.
- Selfsealing valve. A. C. Feld. 2,059,684; Nov. 3.
- Self-starting synchronous motor. C. Finch. 2,043,160; June 2.
- Self-watering battery. H. A. Guthrie. 2,051,039; Aug. 18.
- Selva opener for tentering machines. W. D. Rundlett. 2,032,070; Feb. 25.
- Selva trimming mechanism. C. D. Brown. 2,046,486; June 30.
- Semirigid unit and making the same, Preformed. H. H. Rinehart. 2,042,964; June 2.
- Semitrailer. E. H. Perkins and H. E. Mills. 2,039,492; May 5.
- Semitrailer. W. T. Soulis. 2,050,471; Aug. 11.
- Semitrailer. E. H. Willets. 2,038,975; Apr. 28.
- Semitrailer body construction. H. H. Robinson and W. J. Parrish. 2,045,166; June 23.
- Sensitive photographic element. E. J. Ward. 2,059,829; Nov. 3.
- Sensitivity reduction system, Automatic. W. van B. Roberts. 2,061,982; Nov. 24.
- Sensitized layers, Apparatus for developing. S. H. Morse. 2,047,104; July 7.
- Separable attachment plug. I. D. De La Hunt. 2,051,549; Aug. 18.
- Separable drill bit. J. B. Baker. 2,052,011; Aug. 25.
- Separable fastener. J. S. Forster. 2,044,161; June 16.
- Separable fastener. K. M. Fritts. 2,048,544; July 21.
- Separable fastener. W. Hofmann. 2,041,606; May 19.
- Separable fastener. D. Marinsky. 2,045,396; June 23.
- Separable fastener. S. H. Norton. 2,039,976; May 5.
- Separable fastener. A. D. Patchen. 2,039,110; Apr. 28.
- Separable fastener. S. Quisling. 2,066,062; Dec. 29.
- Separable fastener. W. E. Riecken. 2,032,438; Mar. 3.
- Separable fastener. G. G. Sabins. 2,030,471; Feb. 11.
- Separable fastener. W. Schaper. 2,032,858; Mar. 3.
- Separable fastener. E. O. Seaver. 2,027,708; Jan. 14.
- Separable fastener. H. E. Sipe. 2,061,680; Nov. 24.



- Separable fastener. H. E. Sipe. 2,061,683; Nov. 24.  
 Separable fastener. Z. B. Spence. 2,053,747; Sept. 8.  
 Separable fastener. G. Sundback. 2,044,191; June 16.  
 Separable fastener. G. Sundback. 2,066,059; Dec. 29.  
 Separable fastener. H. Wener. 2,061,125; Nov. 17.  
 Separable fastener, Edge holding. N. Fulton. 2,057,426; Oct. 13.  
 Separable interlocking fastener. H. E. Sipe. 2,035,675; Mar. 31.  
 Separable interlocking fastener. H. E. Sipe. 2,066,060; Dec. 29.  
 Separable interlocking fastener. O. von der Heyde. 2,050,869; Aug. 11.  
 Separating and concentrating machine. A. E. Grapp. 2,037,574; Apr. 14.  
 Separating and washing apparatus. W. C. Menzies and F. H. Blatch. 2,026,903; Jan. 7.  
 Separating apparatus. E. W. Hartman. 2,064,000; Dec. 15.  
 Separating apparatus. L. F. Holly. 2,026,834; Jan. 7.  
 Separating apparatus. C. MacCallum. 2,058,026; Oct. 20.  
 Separating apparatus. D. R. McNeal. 2,057,497; Oct. 13.  
 Separating device. A. J. Mosley. 2,044,915; July 23.  
 Separating device. M. D. Prince. 2,029,671; Feb. 4.  
 Separating device for roughage mills. J. Holland-Letz. 2,026,833; Jan. 7.  
 Separating machine and process. K. Davis. 2,062,211; Nov. 24.  
 Separation of one or more components from an aqueous mixture. A. J. Van Peski and W. C. Smithuysen. 2,050,513; Aug. 11.  
 Separator: See—  
   Air and other separator. Grain separator.  
   Air separator. Magnetic separator.  
   Canvas separator. Material separator.  
   Centrifugal separator. Mineral separator.  
   Check separator. Noncondensable gas separator.  
   Cinder separator. Oil and gas separator.  
   Coal separator. Oil separator.  
   Coin and token separator. Playing card separator.  
   Cream separator. Rotary dust separator.  
   Cyclone separator. Sand separator.  
   Dust and dirt separator. Screen separator.  
   Egg separator. Steam and water separator.  
   Fluid separator. Teeth separator.  
   Gas and oil separator.  
   Gas separator.  
 Separator. C. C. Baldwin. 2,046,442; July 7.  
 Separator. H. Brown and A. R. Grigsby. 2,041,591; May 19.  
 Separator. C. H. W. and C. H. Cheltnam. 2,034,023; Mar. 17.  
 Separator. G. H. Fraser. 2,055,485; Sept. 29.  
 Separator. T. J. Kidd. 2,048,746; July 28.  
 Separator. J. P. Mahoney and L. E. Long. 2,064,554; Dec. 15.  
 Separator. J. A. Stuard. 2,036,106; Mar. 31.  
 Separator. J. A. Stuard. 2,058,189; Oct. 20.  
 Separator. J. E. Watson. 2,059,673; Nov. 3.  
 Separator and throttle, Unitary steam. A. B. Blome. 2,057,667; Oct. 20.  
 Separator box. A. H. Levy. 2,037,078; Apr. 14.  
 Separator device for roughage mills. J. Holland-Letz. 2,051,489; Aug. 18.  
 Separator disk indenting tool, Cream. O. Olson. 2,035,187; Mar. 24.  
 Separator for electric accumulators. M. V. Wuillot. 2,053,058; Sept. 1.  
 Separator for filter type respirators. N. Schwartz. 2,055,853; Sept. 29.  
 Separator for filter type respirators or the like. N. Schwartz. 2,035,097; Mar. 24.  
 Separator for liquids having different specific gravities. H. A. Thompson. 2,036,730; Apr. 7.  
 Separator for removing oil from water, sand, and gravel. R. A. Spencer. 2,058,044; Oct. 20.  
 Separator for seeds or the like. W. Olsen. 2,026,910; Jan. 7.  
 Separator for winding deformable materials upon reels. F. Zonino and A. G. Emery. 2,057,701; Oct. 20.  
 Sericin from silk, Removing. W. T. Reddish. 2,060,529; Nov. 10.  
 Series modulation system employing fluid cooled thermionic valves. T. H. Price. 2,033,999; Mar. 17.  
 Serum injecting outfit. C. E. Schweser. 2,032,723; Mar. 3.  
 Service apparatus. R. J. Norton. 2,062,600; Dec. 1.  
 Service connector. G. J. Meuer and R. A. Millermaster. 2,063,044-5; Dec. 8.  
 Service container. E. Christensen. 2,028,825; Jan. 28.  
 Service device. E. A. Taub. 2,050,636; Aug. 11.  
 Service jack. O. H. Rechard and O. F. Kuhlman. 2,032,309; Feb. 25.  
 Service valve box. J. P. Leoffert. 2,046,330; July 7.  
 Servicing device. W. R. Dudley. 2,039,634; May 5.  
 Servicing equipment for vehicles. F. E. Wold. 2,062,549; Dec. 1.  
 Servo mechanism. R. C. Russell. 2,040,409; May 12.  
 Servomotor. G. F. Brady and A. Dekle. 2,059,082; Oct. 27.  
 Servomotor control. W. Ernst. 2,038,272; Apr. 21.  
 Servomotor for train controllers and the like, Hydraulic. H. Piper. 2,039,186; Apr. 28.  
 Servomotor mechanism. W. D. Gove and J. O. Almen. 2,045,559; June 23.  
 Servomotor, Self-synchronous transmission-system-controlled. E. A. Sperry, Jr. 2,058,642; Oct. 27.  
 Set-up container. S. N. Leopold and H. K. Powell. 2,053,685; Sept. 8.  
 Setter for snap fasteners. J. Gualtiere. 2,061,193; Nov. 17.  
 Setting and indicating device for geared lathe headstocks. L. A. Carter. 2,030,097; Feb. 11.  
 Setting frame. E. T. Phoenix. 2,027,319; Jan. 7.  
 Setting mechanism. J. A. Wilhelm and C. L. Blakely. 2,055,739; Sept. 29.  
 Setting out machine. W. C. Johnson. 2,063,101; Dec. 8.  
 Setting-up mechanism. M. Burger. 2,063,364; Dec. 8.  
 Settling aid. G. F. Chase and J. A. Anderson. 2,034,175; Mar. 17.  
 Settling tank. J. M. Callow. 2,062,988; Dec. 1.  
 Settling tank. C. H. Nordell. 2,051,149; Aug. 18.  
 Settling tank. W. W. Sayers. 2,053,636; Sept. 8.  
 Severing mechanism. W. R. Zwayer. 2,047,243; July 14.  
 Sewage aerator. R. R. Knight. 2,036,280; Apr. 7.  
 Sewage and the like, Apparatus for aerating. P. B. Streander. 2,054,395; Sept. 15.  
 Sewage and the like, Treatment and disposal of. W. Raisch. 2,046,845; July 7.  
 Sewage, Apparatus for and method of treating. S. I. Zack. 2,056,062; Sept. 29.  
 Sewage, Apparatus for treating. F. S. Currie. 2,027,370; Jan. 14.  
 Sewage control system. F. B. Fillo. 2,059,635; Nov. 3.  
 Sewage digester. C. E. Keefer and F. C. Wachter. 2,054,128; Sept. 15.  
 Sewage disposal. N. Statham. 2,059,286; Nov. 3.  
 Sewage disposal apparatus. W. H. Lang. 2,061,841; Nov. 24.  
 Sewage disposal apparatus. C. N. Windecker. 2,043,459; June 9.  
 Sewage, Method and apparatus for filtering. P. M. Thayer. 2,065,836; Dec. 29.  
 Sewage, Process for treating. H. J. Darcey. 2,034,460; Mar. 17.  
 Sewage regulator. C. S. Brown. 2,062,390; Dec. 1.  
 Sewage sludge digester. F. Fries. 2,057,567; Oct. 13.  
 Sewage sludge, Method and apparatus for burning. M. H. Kuhner. 2,029,725; Feb. 4.  
 Sewage sludge multidigestion. A. J. Fischer and N. B. Lund. 2,064,529; Dec. 15.  
 Sewage, Treating. C. N. Windecker and C. E. Lyon. 2,043,458; June 9.  
 Sewage treatment. J. R. Downes. 2,065,123; Dec. 22.  
 Sewage, Treatment of. E. D. Flynn. 2,026,969; Jan. 7.  
 Sewer. L. Bietz. 2,045,514; June 23.  
 Sewer cleaner, Turbine. S. M. Weaver and R. E. Neis. 2,062,850; Dec. 1.  
 Sewing accessory. E. G. Lewis. 2,042,947; June 2.  
 Sewing and embroidering machine with top feed and oscillating needle. H. Unger. 2,035,206; Mar. 24.  
 Sewing head. F. N. Ross and H. L. Johnson. 2,043,063; June 2.  
 Sewing looper mechanism. F. N. Ross and H. L. Johnson. 2,043,064; June 2.  
 Sewing machine. A. Bates. 2,033,674-5; Mar. 10.  
 Sewing machine. R. Becker. 2,034,706; Mar. 24.  
 Sewing machine. H. F. Briggs. 2,043,149; June 2.  
 Sewing machine. H. F. Briggs and R. N. Cundall. 2,065,885; Dec. 29.  
 Sewing machine. A. F. Cederquist. 2,048,427; July 21.  
 Sewing machine. N. V. Christensen. 2,043,737; June 9.  
 Sewing machine. N. V. Christensen. 2,050,784; Aug. 11.  
 Sewing machine. C. E. Colegrove and J. A. Antel. 2,034,506; Mar. 17.  
 Sewing machine. C. E. Colegrove and C. J. Dorer. 2,056,829; Oct. 6.  
 Sewing machine. R. N. and L. A. Cundall. 2,043,094; June 2.  
 Sewing machine. H. Duke. 2,033,693; Mar. 10.  
 Sewing machine. R. T. Edwards. 2,046,939; July 7.  
 Sewing machine. C. L. Flindt. 2,058,675; Oct. 27.  
 Sewing machine. A. Gallens. 2,064,973; Dec. 22.  
 Sewing machine. J. A. Goodman. 2,050,790; Aug. 11.  
 Sewing machine. J. Gouldbourn. 2,029,099; Jan. 28.  
 Sewing machine. J. Gouldbourn and T. A. Kestell. 2,056,964; Oct. 13.  
 Sewing machine. J. Gouldbourn and T. A. Kestell. 2,059,227; Nov. 3.  
 Sewing machine. J. Gouldbourn, T. A. Kestell, and F. B. Keall. 2,054,078; Sept. 15.  
 Sewing machine. J. Gouldbourn, T. A. Kestell and F. B. Keall. 2,056,670; Oct. 6.  
 Sewing machine. O. R. Haas. 2,037,722; Apr. 21.  
 Sewing machine. O. R. Haas. 2,045,643-4; June 30.  
 Sewing machine. O. R. Haas. 2,046,070; June 30.  
 Sewing machine. H. W. Krag. 2,064,982; Dec. 22.  
 Sewing machine. F. L. Lindstrom. 2,048,555; July 21.  
 Sewing machine. M. McCann. 2,027,742; Jan. 14.  
 Sewing machine. C. W. Mueller. 2,038,848-9; Apr. 28.  
 Sewing machine. W. Myers. 2,053,968; Sept. 8.  
 Sewing machine. W. Myers. 2,063,264; Dec. 8.  
 Sewing machine. H. C. Nissen. 2,028,005; Jan. 14.  
 Sewing machine. H. R. Paine. 2,033,294; Mar. 10.  
 Sewing machine. H. L. Plamondon. 2,037,088; Apr. 14.  
 Sewing machine. N. Rapaport and E. W. Armstrong. 2,029,942; Feb. 4.  
 Sewing machine. F. Ricks, H. E. Elliott, and F. C. Choice. 2,032,311; Feb. 25.  
 Sewing machine. A. S. Riviere. 2,040,408; May 12.



- Sewing machine. C. Roberts and J. M. Whelton. 2,062,797; Dec. 1.
- Sewing machine. C. F. Rubel and A. Wyleta. 2,043,711; June 9.
- Sewing machine. R. J. Sailer. 2,053,744; Sept. 8.
- Sewing machine. G. Sauer. 2,043,712; June 9.
- Sewing machine. G. Sauer. 2,058,635; Oct. 27.
- Sewing machine. C. W. Schweiger. 2,028,016; Jan. 14.
- Sewing machine. C. W. Schweiger. 2,031,675; Feb. 25.
- Sewing machine. H. Taubert. 2,058,271; Oct. 20.
- Sewing machine. E. R. Thompson. 2,035,848; Mar. 31.
- Sewing machine. A. Tiesler. 2,047,754; July 14.
- Sewing machine and method of sewing. L. Roseman. 2,052,896; Sept. 1.
- Sewing machine attachment. Y. A. Ahnger. 2,051,237; Aug. 18.
- Sewing machine attachment. F. Hubbard. 2,053,032; Sept. 1.
- Sewing machine attachment. H. C. Underwood. 2,036,558; Apr. 7.
- Sewing machine attachment. H. C. Underwood. 2,058,927; Oct. 27.
- Sewing machine, Blind stitch. J. Mann. 2,030,751; Feb. 11.
- Sewing machine, Button. R. L. Lyons. 2,033,080; Mar. 3.
- Sewing machine, Button. M. McCann. 2,043,929; June 9.
- Sewing machine, Buttonhole. E. B. Allen and M. D. Knox. 2,056,758-9; Oct. 6.
- Sewing machine, Buttonhole. M. J. Kenny. 2,040,260; May 12.
- Sewing machine, Chain stitch. H. J. LeVesconte. 2,029,242; Jan. 28.
- Sewing machine control mechanism. M. W. McCulloh. 2,061,431; Nov. 17.
- Sewing machine, Double chain stitch. B. L. Henry. 2,037,901; Apr. 21.
- Sewing machine driving device. W. H. Brady. 2,052,125; Aug. 25.
- Sewing machine, Electrically lighted. H. J. Goosman. 2,031,562; Feb. 18.
- Sewing machine for seaming and covering the edge portions of fabric sections. J. Berger. 2,046,933; July 7.
- Sewing machine frame. H. J. Goosman. 2,063,841; Dec. 8.
- Sewing machine hemmer. R. J. Sailer. 2,052,122; Aug. 25.
- Sewing machine installation. H. L. Willis. 2,051,666; Aug. 18.
- Sewing machine, Lockstitch. J. Gouldbourn, H. E. Elliott, and N. F. Hopkins. 2,049,369; July 28.
- Sewing machine, Lockstitch shoe. O. R. Haas. 2,038,283; Apr. 21.
- Sewing machine material guide. A. Colbert. 2,027,472; Jan. 14.
- Sewing machine mechanism. F. N. Ross, and H. L. Johnson. 2,031,905; Feb. 25.
- Sewing machine, Multiple direction. L. Roseman. 2,064,221; Dec. 15.
- Sewing machine, Multiple needle. E. E. Boyce. 2,040,427; May 12.
- Sewing machine, Ornamented loop-stitch. J. Galkin. 2,063,995; Dec. 15.
- Sewing machine, Overcasting. F. Ebert. 2,054,498; Sept. 15.
- Sewing machine, Shoe. F. Ashworth. 2,043,219; June 9.
- Sewing machine, Shoe. O. R. Haas. 2,031,479; Feb. 18.
- Sewing machine, Shoe. O. R. Haas. 2,037,721; Apr. 21.
- Sewing machine, Shoe. O. R. Haas. 2,038,282; Apr. 21.
- Sewing machine, Shoe. B. T. Leveque. 2,058,472; Oct. 27.
- Sewing machine, Shoe. A. R. Morrill. 2,041,945; May 26.
- Sewing machine, Skip-stitch. L. Rivers. 2,036,828; Apr. 7.
- Sewing machine support. W. A. Smith. 2,066,017-18; Dec. 29.
- Sewing machine, Upholstery. F. N. Ross and H. L. Johnson. 2,031,906; Feb. 25.
- Sewing machine with automatic thread cutter. M. W. McCulloh. 2,061,432; Nov. 17.
- Sewing machines. A. Strobel. 2,036,104; Mar. 31.
- Sewing machines, Adjustable eccentric for. J. H. Stearns. 2,029,278; Jan. 28.
- Sewing machines, Attachment for. N. M. Conaway. 2,064,733; Dec. 15.
- Sewing machines, Attachment for. J. D. Karle. 2,063,844-5; Dec. 8.
- Sewing machines, Attachment for. C. Seaman. 2,062,429; Dec. 1.
- Sewing machines, Attachment for. A. Soltan. 2,046,493; July 7.
- Sewing machines, Binding attachment for. J. E. Ackerman. 2,043,943; June 9.
- Sewing machines, Bobbin-winder for. R. L. Plumley. 2,055,387; Sept. 22.
- Sewing machines, Cutting device for. H. Fabian and A. K. Edwards. 2,064,598; Dec. 15.
- Sewing machines, Differential feeding mechanism for. A. B. Clayton. 2,042,651; June 2.
- Sewing machines, Differential work-feeder for. F. Ebert. 2,063,664; Dec. 8.
- Sewing machines, Feed control for. C. C. Smith. 2,058,837; Oct. 27.
- Sewing machines, Feed regulating device for. F. A. Kucera. 2,048,874; July 28.
- Sewing machines, Feed reversing mechanism for. S. Lasztochy. 2,031,323; Feb. 18.
- Sewing machines, Feeding mechanism for. H. Hacklander. 2,043,749; June 9.
- Sewing machines, Feeding mechanism for. N. Knaus. 2,052,408; Aug. 25.
- Sewing machines, Feeding mechanism for. H. J. LeVesconte. 2,029,241; Jan. 28.
- Sewing machines, Feeding mechanism for. H. C. Nissen. 2,034,593; Mar. 17.
- Sewing machines, Feeding mechanism for. G. Sauer and C. O. Smith. 2,035,508; Mar. 31.
- Sewing machines, Feeding mechanisms for. L. Bach. 2,033,671; Mar. 10.
- Sewing machines, Folding and pressing attachment for. T. Anderson, H. Griffith, and C. M. Henson. 2,055,470; Sept. 29.
- Sewing machines, Folding attachment for. F. Ebert. 2,052,222; Aug. 25.
- Sewing machines, Fuller-feed mechanism for. A. B. Clayton. 2,035,365; Mar. 24.
- Sewing machines, Guide and feed device on. F. Moster. 2,053,572; Sept. 8.
- Sewing machines, Hand-operated attachment for. R. L. Plumley and R. K. Hohmann. 2,056,125; Sept. 29.
- Sewing machines, Hem-folding and shaping device for. J. E. Ackerman. 2,063,833; Dec. 8.
- Sewing machines, Hemmer attachment for. J. E. Ackerman. 2,034,672; Mar. 17.
- Sewing machines, Looper mechanism for. H. Hacklander. 2,029,233; Jan. 28.
- Sewing machines, Lubricating device for. G. A. Fleckenstein. 2,047,730; July 14.
- Sewing machines, Needle clamping device for. C. F. Rubel. 2,036,959; Apr. 7.
- Sewing machines, Needle guard attachment for. L. Saull. 2,028,524; Jan. 21.
- Sewing machines, Needle guard for. H. L. Willis. 2,056,551; Oct. 6.
- Sewing machines, Rotary hook for. H. J. LeVesconte. 2,035,968-9; Mar. 31.
- Sewing machines, Rotary hook for. G. Sauer. 2,035,984-6; Mar. 31.
- Sewing machines, Rug-making attachment for. H. Perkons. 2,063,267; Dec. 8.
- Sewing machines, Shuttle-carrier for. J. F. L. Giraud. 2,044,163; June 16.
- Sewing machines, Spool holder for. G. G. Giallanza. 2,036,035; Mar. 31.
- Sewing machines, Stitch adjuster for. H. H. Woodward and A. H. Wright. 2,053,757; Sept. 8.
- Sewing machines, Stitch finger for. C. J. Hausbeck. 2,031,831; Feb. 25.
- Sewing machines, Stitch forming mechanism for. A. S. Riviere, H. J. Le Vesconte, and H. Hacklander. 2,046,928; July 7.
- Sewing machines, Strip-guide for. W. Myers. 2,060,631; Nov. 10.
- Sewing machines, Take-up mechanisms for. M. L. Waterman. 2,063,280; Dec. 8.
- Sewing machines, Thread check for. R. W. Reed. 2,055,945; Sept. 29.
- Sewing machines, Trimmer mechanism for. F. M. Card. 2,055,424; Sept. 22.
- Sewing machines, Trimmer mechanism for. E. M. Hanf. 2,046,945; July 7.
- Sewing machines, Trimming mechanism for. F. A. Kucera. 2,048,268; July 21.
- Sewing machines, Tufting attachment for. W. F. Schmiedel. 2,027,454; Jan. 14.
- Sewing machines, Tufting attachment for. W. F. Schmiedel. 2,053,921; Sept. 8.
- Sewing machines, Uncurling device and gauge for. W. H. Pfeiffer. 2,048,290; July 21.
- Sewing machines, Universal folder for. J. Galkin. 2,028,773; Jan. 28.
- Sewing machines, Work supporting means for. C. A. Dearborn. 2,064,153; Dec. 15.
- Sextant. A. F. Hegenberger and A. W. Knisley. 2,031,601; Feb. 25.
- Shackle, Poultry. A. W. DeVout. 2,035,948; Mar. 31.
- Shackle support. J. W. Leighton. 2,031,492; Feb. 18.
- Shackle, U-bolt kick. J. W. Leighton. 2,053,620; Sept. 8.
- Shade. W. F. Davey. 2,045,840; June 30.
- Shade and curtain hanger, Combined. A. Thompson. 2,059,665; Nov. 3.
- Shade and drapery poles, Device for supporting. J. Stracka. 2,050,507; Aug. 11.
- Shade and making, Window. S. J. Johnson. 2,064,165; Dec. 15.
- Shade and ventilator, Window screen. C. A. Kauffman and H. W. Davidson. 2,040,853; May 19.
- Shade assembly, Demountable window. E. C. Reilly. 2,049,471; Aug. 4.
- Shade attachment and support, Window. H. M. Brumser. 2,045,380; June 23.
- Shade cord lock. M. B. Benson. 2,056,154; Oct. 6.
- Shade fitting, Window. M. E. Moore. 2,039,972; May 5.
- Shade fixture, Roller. R. C. Skinner. 2,057,253; Oct. 13.
- Shade fixtures, Window. P. La Penna. 2,064,016; Dec. 15.
- Shade for greenhouses. L. E. Gilson. 2,031,157; Feb. 18.
- Shade for rear view mirrors, Border. H. E. Muench. 2,033,391; Mar. 10.
- Shade, Lamp. G. H. Deitsch. 2,049,251; July 28.
- Shade, Lamp. M. Stadler. 2,037,941; Apr. 21.
- Shade protector. D. W. Cunsey. 2,029,308; Feb. 4.



- Shade roller. E. F. Chambless. 2,031,459; Feb. 18.  
 Shade roller. J. W. Fay. 2,031,473; Feb. 18.  
 Shade, Roller. H. H. Koller and W. G. Dery. 2,027,107; Jan. 7.  
 Shade supporting structure, Window. C. H. Huckle. 2,052,828; Sept. 1.  
 Shade, Window. R. Brown. 2,056,823; Oct. 6.  
 Shade, Window. R. C. Buck. 2,026,669; Jan. 7.  
 Shade, Window. H. W. Metcalf. 2,059,134; Oct. 27.  
 Shade, Window. P. M. Schlamp. 2,029,675; Feb. 4.  
 Shading plates, Mechanical production of. W. Heise. 2,039,412; May 5.  
 Shaft adjusting means. H. B. Greenwood. 2,030,027-8; Feb. 4.  
 Shaft and making the same, High temperature. P. S. Menough. 2,057,105; Oct. 13.  
 Shaft and making the same, Stepped. H. C. Lagerblade. 2,037,636; Apr. 14.  
 Shaft bearing. E. G. Boden. 2,037,206; Apr. 14.  
 Shaft bearing. W. E. Umstattd. 2,034,545; Mar. 17.  
 Shaft coupling. E. C. Ballman. 2,041,104; May 19.  
 Shaft coupling. J. S. Loewus. 2,035,171; Mar. 24.  
 Shaft coupling device. M. Dornig and F. Fauser. 2,052,342; Aug. 25.  
 Shaft, Expandable. C. G. Lindbom. 2,062,421; Dec. 1.  
 Shaft, Flexible. E. G. Kesling. 2,036,528; Apr. 7.  
 Shaft for golf clubs. L. A. Young. 2,040,540; May 12.  
 Shaft for golf clubs, Steel. A. M. MacFarland. 2,033,722; Mar. 10.  
 Shaft operating and locking device. G. E. Swartz. 2,066,167; Dec. 29.  
 Shaft sealing device. S. Karrer and H. C. Mohlenrich. 2,035,072; Mar. 24.  
 Shaft sealing means. S. Karrer. 2,035,073; Mar. 24.  
 Shafting, Manufacture of flexible. R. C. Angell and F. L. O. Wadsworth. 2,038,881; Apr. 28.  
 Shafts, Making. J. E. McLaughlin. 2,055,771; Sept. 29.  
 Shake splitting machine. J. C. Butler. 2,031,877; Feb. 25.  
 Shaker, Cocktail. S. Cominsky. 2,030,834; Feb. 11.  
 Shaker, Cocktail. E. C. Godfrey. 2,036,407; Apr. 7.  
 Shaker, Combined salt and pepper. C. L. Baranowski. 2,031,755; Feb. 25.  
 Shaker, Condiment. L. Hodek. 2,048,381; July 21.  
 Shaker control device for confection coating machinery. A. V. Newman. 2,033,781; Mar. 10.  
 Shaker conveyer. E. R. Bergmann. 2,028,433; Jan. 21.  
 Shaker conveyer. W. W. Sloane. 2,032,599; Mar. 3.  
 Shaker conveyer. W. W. Sloane. 2,036,650; Apr. 7.  
 Shaker conveyer. W. W. Sloane. 2,037,182; Apr. 14.  
 Shaker conveyer and the like. W. H. Berrisford. 2,045,065; June 23.  
 Shaker, Double acting condiment. R. A. Doering. 2,065,061; Dec. 22.  
 Shaker for thermometers. C. S. J. Russell. 2,047,801; July 14.  
 Shaker or the like, Salt. J. W. Jennings. 2,026,738; Jan. 7.  
 Shaker or the like, Salt. J. W. Jennings. 2,028,870; Jan. 28.  
 Shaker, Salt. R. H. Ball. 2,035,256; Mar. 24.  
 Shaker, Salt and pepper. H. Gonen and I. Grodsky. 2,048,118; July 21.  
 Shaker top can. A. G. Hopkins. 2,064,308; Dec. 15.  
 Shaking conveyer. H. Cremer. 2,037,407; Apr. 14.  
 Shaking mechanism. H. C. Dempsey and E. P. Stimmel. 2,065,798; Dec. 29.  
 Shank stiffener for shoes. C. H. and C. B. Brown. 2,053,420; Sept. 8.  
 Shank support. T. R. Newberry. 2,044,319; June 16.  
 Shaped bodies, Manufacturing thin-walled. E. Heinlein. 2,027,314; Jan. 7.  
 Shaped bodies of nonplastic metallic oxides, Making. R. Reichmann. 2,031,129; Feb. 18.  
 Shaped products, Manufacture of. O. W. Becker. 2,056,596; Oct. 6.  
 Shaper. H. E. Tautz. 2,045,422; June 23.  
 Shaper, Duplex. A. J. Wells. 2,063,899; Dec. 15.  
 Shaping machine. F. G. Waller. 2,030,484; Feb. 11.  
 Shaping method and apparatus. J. L. Adams, Jr. 2,044,042; June 16.  
 Sharpener. R. L. Lunday. 2,046,641; July 7.  
 Sharpener. J. R. Swetta and W. E. Lehotsky. 2,032,640; Mar. 3.  
 Sharpener, Drill. G. C. Pearson. 2,050,730; Aug. 11.  
 Sharpener for razor blades. H. J. Nichols. 2,058,348; Oct. 20.  
 Sharpener for safety razor blades. W. F. Whitman. 2,052,508; Aug. 25.  
 Sharpener for the blades of edged tools. P. von der Lippen. 2,030,161; Feb. 11.  
 Sharpener, Hand. H. L. Winter. 2,045,430; June 23.  
 Sharpener, Ice skate. L. M. Corkum. 2,054,495; Sept. 15.  
 Sharpener, Knife and tool. H. R. Ransom. 2,038,445; Apr. 21.  
 Sharpener, Lawn mower. T. E. Hurd. 2,045,187; June 23.  
 Sharpener, Lawn mower. S. L. Wilson. 2,032,731; Mar. 3.  
 Sharpener, Pencil. J. Ficker and E. Eckert. 2,039,687; May 5.  
 Sharpener, Pencil. E. D. Grossman. 2,028,660; Jan. 21.  
 Sharpener, Pencil. C. O. Rowe. 2,028,924; Jan. 28.  
 Sharpener, Razor blade. C. G. Barrett. 2,053,690; Sept. 8.  
 Sharpener, Razor blade. A. J. Dremel. 2,039,150; Apr. 28.  
 Sharpener, Razor blade. A. C. Heise and M. W. Jacobi. 2,044,688; June 16.  
 Sharpener, Razor blade. E. A. Johnston. 2,048,868-9; July 28.  
 Sharpener, Razor blade. E. A. Johnston. 2,064,836; Dec. 22.  
 Sharpener, Razor blade. W. W. Skerry. 2,055,317; Sept. 22.  
 Sharpener, Scissors. H. M. Skevington. 2,047,439; July 14.  
 Sharpener, Shear. T. H. Loudon. 2,061,842; Nov. 24.  
 Sharpener, Skate. W. D. C. Wright. 2,053,359; Sept. 8.  
 Sharpener, Tool. J. B. Anderson. 2,052,543; Sept. 1.  
 Sharpener, Wood stake. W. T. Lane. 2,032,581; Mar. 3.  
 Sharpening device. M. A. Endres. 2,043,656; June 9.  
 Sharpening device, Razor blade. H. De Haven. 2,043,957; June 9.  
 Sharpening mechanism for slicing machines. J. Folk. 2,052,367; Aug. 25.  
 Shaver, Dry. J. Schick. 2,045,106; June 23.  
 Shaver, Ice cube. A. A. Melcher and F. H. Porter. 2,048,509; July 21.  
 Shaving device and the like. D. M. Winans. 2,031,519; Feb. 18.  
 Shaving implement. L. Axien. 2,053,258; Sept. 8.  
 Shaving instrument. W. G. Viall and H. A. Rankow. 2,036,557; Apr. 7.  
 Shaving instrument, Facial. D. W. Branstetter. 2,055,517; Sept. 29.  
 Shaving tool holder. G. Klein. 2,041,251; May 19.  
 Shawl, Combined scarf and prayer. M. M. Rubens. 2,051,274; Aug. 18.  
 Sheaf gatherer for mowing and binding machines. M. Rausch. 2,046,426; July 7.  
 Sheaf, Spirally-bound. W. Grumbacher. 2,051,477; Aug. 18.  
 Shear. J. A. Smitmans. 2,043,398; June 9.  
 Shear. H. H. Talbot. 2,059,187; Oct. 27.  
 Shear blade clamp, Rotary. F. C. Biggert. 2,031,246; Feb. 18.  
 Shear gauge for cambered strip, Automatic. E. B. Hudson. 2,056,194; Oct. 6.  
 Shear mechanism and method of causing sliding contact of the blades thereof. W. T. Honiss. 2,042,994; June 2.  
 Shear mechanism, Rotary turret. F. L. O. Wadsworth. 2,062,623; Dec. 1.  
 Shear, Rotary. G. H. Case. 2,033,181; Mar. 10.  
 Shearing, Apparatus for. L. Iversen. 2,061,659; Nov. 24.  
 Shearing device. A. B. Harris. 2,026,630; Jan. 7.  
 Shearing mechanism. W. C. Weber. 2,032,075; Feb. 25.  
 Shearing method and apparatus. W. Worthington. 2,038,254; Apr. 21.  
 Shears. J. S. Haywood. 2,032,281; Feb. 25.  
 Shears. F. M. Whyte. 2,033,216; Mar. 10.  
 Shears. F. M. Whyte. 2,059,074; Oct. 27.  
 Shears and scissors. W. H. Holden. 2,028,867; Jan. 28.  
 Shears, Blight cutting. R. H. Dart. 2,032,688; Mar. 3.  
 Shears for sheet metal. R. T. Hazelton. 2,047,322; July 14.  
 Shears for trimming sheet metal. L. Frielinghaus. 2,032,276; Feb. 25.  
 Shears, Molten glass. W. H. McSwain. 2,053,039; Sept. 1.  
 Shears or the like, Mechanism for and method of spraying glass-cutting. K. E. Peiler and D. K. Morgan. 2,063,849; Dec. 8.  
 Shears, Pinking. C. Weidauer. 2,050,870; Aug. 11.  
 Shears, Pruning. C. G. Hampton. 2,030,585; Feb. 11.  
 Shears, Utility and animal. H. W. Carrier. 2,064,730; Dec. 15.  
 Sheath, Maintaining cable. G. M. Bouton and E. E. Schumacher. 2,044,763; June 23.  
 Sheathed articles, Apparatus for producing. C. F. Moody and E. A. Mitchell. 2,029,435; Feb. 4.  
 Sheathing, Corrugated laminated. P. O. Beeson. 2,041,393; May 19.  
 Sheathing, Wall. H. B. Bettinger and J. A. Strum. 2,037,560; Apr. 14.  
 Sheaths from cables and the like, Method of and apparatus for removing. D. V. McParlin. 2,046,341; July 7.  
 Shed and analogous construction. E. G. P. Mopin. 2,047,644; July 14.  
 Shedding mechanism for looms. C. D. Brown. 2,042,422; May 26.  
 Sheet articles not producing the same, Shaped fibrous. E. C. Sloan. 2,033,855; Mar. 10.  
 Sheet collecting and folding mechanism for printing presses. H. M. Barber. 2,044,459; June 16.  
 Sheet, Composite rubber. A. L. Murray. 2,048,807; July 28.  
 Sheet, Composition. A. C. Fischer. 2,061,569; Nov. 24.  
 Sheet, Composition. A. C. Fischer. 2,065,522; Dec. 29.  
 Sheet counting and packaging machine. C. C. F. Reininger. 2,049,022; July 28.  
 Sheet delivery for rotary printing presses, Double pile flat. H. M. Barber. 2,065,301; Dec. 22.  
 Sheet, Electric. R. E. Reno, Jr. 2,042,124; May 26.  
 Sheet feed retarding mechanism for printing presses. W. K. Eckhard. 2,039,784-5; May 5.  
 Sheet feeder. F. R. Belluche. 2,033,320; Mar. 10.  
 Sheet feeder. H. Ehrig and U. Keilhauer. 2,060,800; Nov. 17.



- Sheet feeder. W. R. Hotchkiss. 2,064,004; Dec. 15.  
 Sheet feeding and delivering mechanism. R. Stuart. 2,028,813; Jan. 28.  
 Sheet feeding and ejecting means. A. and E. A. Calleson. 2,058,000; Oct. 20.  
 Sheet feeding apparatus. A. Broadmeyer. 2,065,487; Dec. 22.  
 Sheet feeding apparatus. R. M. Fenton. 2,049,112; July 28.  
 Sheet feeding mechanism. F. R. Belluche. 2,063,479; Dec. 8.  
 Sheet feeding mechanism. J. C. Dawson. 2,046,728; July 7.  
 Sheet feeding or transferring apparatus. A. Broadmeyer. 2,052,526; Aug. 25.  
 Sheet-folding machine. P. J. Christman. 2,031,301; Feb. 18.  
 Sheet holder. J. Bauer. 2,027,625; Jan. 14.  
 Sheet, Infant's. N. Z. Rosenthal. 2,062,611; Dec. 1.  
 Sheet lifter to facilitate the closing of ring books. C. D. Trussell. 2,035,284; Mar. 24.  
 Sheet loading apparatus. W. O. Lytle and E. A. Fusca. 2,049,850; Aug. 4.  
 Sheet material and making same, Crinkled. J. J. Galligan and F. O. Thornton, Jr. 2,030,746; Feb. 11.  
 Sheet material and making the same, Utility and decorative. E. A. Corbin, Jr., and E. W. Wolf. 2,060,041; Nov. 10.  
 Sheet material and process of making, Coated. S. D. Shinkle. 2,041,496; May 19.  
 Sheet material, Apparatus for festooning. F. D. Fowler. 2,035,227; Mar. 24.  
 Sheet material, Apparatus for saturating absorbent. J. W. Pearl. 2,040,529; May 12.  
 Sheet material, Apparatus for stretching. A. G. Borntraeger. 2,050,419; Aug. 11.  
 Sheet material, Coated. A. Abrams and C. L. Wagner. 2,054,113; Sept. 15.  
 Sheet material, Corrugating. B. Franghla. 2,040,929; May 19.  
 Sheet material cutter, Portable. A. R. Havanas. 2,042,097; May 26.  
 Sheet material, Device for shaping. I. Newman. 2,045,235; June 23.  
 Sheet material, Drying. M. M. Merritt. 2,039,329; May 5.  
 Sheet material, Forming a prolamine-base flexible. D. W. Hansen. 2,047,961; July 21.  
 Sheet material, Forming flexible self-sustaining. A. Abrams and C. L. Wagner. 2,054,114; Sept. 15.  
 Sheet material from a support or pile, Lifting. C. Richardson. 2,032,150; Feb. 25.  
 Sheet material, Laminated. A. Abrams, C. L. Wagner, and G. W. Forcey. 2,054,116; Sept. 15.  
 Sheet material, Making decorative lustrous. E. A. Corbin, Jr. 2,037,008; Apr. 14.  
 Sheet material, Manipulation of. C. E. Stafford. 2,026,754; Jan. 7.  
 Sheet material, Manufacture of reenforced. L. E. Lovett. 2,058,476; Oct. 27.  
 Sheet material, Separating. R. Reinartz. 2,064,851; Dec. 22.  
 Sheet material with pigments, varnishes, lacquers, waterproofing solutions or the like, Process and apparatus for surfacing. W. B. Pirie, C. A. Chester, and W. Melville. 2,053,494; Sept. 8.  
 Sheet metal can. V. S. Dammert. 2,038,545; Apr. 28.  
 Sheet metal container. J. H. Kjellstrom. 2,060,504; Nov. 10.  
 Sheet mounting mechanism. W. G. H. Finch. 2,049,169; July 28.  
 Sheet mounting mechanism. W. G. H. Finch. 2,051,511; Aug. 18.  
 Sheet, Office printing. R. Berger. 2,050,777; Aug. 11.  
 Sheet or film forming, or coating composition and preparing the same. A. Abrams and C. L. Wagner. 2,054,112; Sept. 15.  
 Sheet piling. W. Prielipp. 2,027,288; Jan. 7.  
 Sheet products, Forming. C. Batcheller. 2,039,619; May 5.  
 Sheet products, Manufacture of impregnated. J. C. Sherman. 2,057,167; Oct. 13.  
 Sheet registering and feeding mechanism. W. F. Huck. 2,054,818; Sept. 22.  
 Sheet retaining device. P. O. Unger. 2,044,138; June 16.  
 Sheet rolling process and apparatus. G. P. Hansen. 2,062,309; Dec. 1.  
 Sheet separating. R. Klemm. 2,052,632; Sept. 1.  
 Sheet separating and feeding device. G. Spiess. 2,031,078; Feb. 18.  
 Sheet separating and feeding device. G. Spiess. 2,038,877; Apr. 28.  
 Sheet separating mechanism. K. Blaettner. 2,066,196; Dec. 29.  
 Sheet supporting means. G. E. Froelich. 2,053,074; Oct. 20.  
 Sheet transfer mechanism for printing presses. A. T. Koppe. 2,061,033; Nov. 17.  
 Sheet transfer mechanism for rolling mills. L. Frielinghaus. 2,050,306; Aug. 11.  
 Sheeting, Curing cellulose derivative. E. K. Carver. 2,037,704; Apr. 21.  
 Sheeting, Curing laminated. H. E. van Derhoef. 2,037,744; Apr. 21.  
 Sheets, Apparatus for finishing. R. M. Fenton. 2,030,817; Feb. 11.  
 Sheets, Apparatus for severing. F. O. Smith. 2,052,519; Aug. 25.  
 Sheets, Binding a plurality of. G. F. Brisendine. 2,065,324; Dec. 22.  
 Sheets for welding, Apparatus for preparing. C. Firth. 2,063,798; Dec. 8.  
 Sheets from continuous webs, Apparatus for severing. C. T. Hall. 2,053,030; Sept. 1.  
 Sheets, Manufacturing. R. J. Wean. 2,035,252; Mar. 24.  
 Sheets, Method and apparatus for folding. T. O. Nall. 2,039,335; May 5.  
 Sheets, Method of cold rolling. P. F. Wilson and L. Iversen. 2,038,917; Apr. 28.  
 Sheets of asbestos cement reenforced with wire netting, Method of and machine for the manufacture of continuous. A. H. Arentsen. 2,033,805; Mar. 10.  
 Shelf. J. G. L. Skar. 2,028,417; Jan. 21.  
 Shelf. J. G. L. Skar. 2,056,808; Oct. 6.  
 Shelf, Adjustable. R. A. Heim. 2,057,429; Oct. 13.  
 Shelf and doorlock, Combination. A. Kauffman. 2,035,074; Mar. 24.  
 Shelf and making the same, Dress. S. Bendersky. 2,058,052; Oct. 20.  
 Shelf construction. A. R. Constantine and A. A. Gedde. 2,065,116; Dec. 22.  
 Shelf, Corner. M. Armstrong. 2,036,184; Apr. 7.  
 Shelf edging and making the same. E. Karfiol. 2,036,834; Apr. 7.  
 Shelf, Flush tank utility. A. H. Goepel. 2,033,629; Mar. 10.  
 Shelf for gas ovens. C. R. Spine and L. Calaluca. 2,066,237; Dec. 29.  
 Shelf for refrigerators, Extension. O. M. Otte. 2,033,860; Mar. 10.  
 Shelf, Glass feeding. A. F. Tremblay. 2,028,960; Jan. 28.  
 Shelf, Glass tank feeding. F. G. Schwalbe. 2,061,213; Nov. 17.  
 Shelf operating device. J. Wertzheiser. 2,049,237; July 28.  
 Shelf, Refrigerator. W. F. Schulz. 2,066,303; Dec. 29.  
 Shelf, Sliding cabinet. P. T. Sywert and J. L. Knight. 2,033,792; Mar. 10.  
 Shelf structure, Loading and unloading. C. W. La Marsh. 2,027,278; Jan. 7.  
 Shelf structure, Sliding. O. M. Otte. 2,033,859; Mar. 10.  
 Shelf support. J. T. Whalen. 2,064,096; Dec. 15.  
 Shelf supporting device. G. C. Reeves. 2,036,884; Apr. 7.  
 Shelf-type lubricator. W. M. Gray. 2,027,227; Jan. 7.  
 Shelf unit for refrigerator doors. P. Crosley, Jr., and E. Austin. 2,061,453; Nov. 17.  
 Shelf, Window. M. H. Biggers. 2,051,241; Aug. 18.  
 Shelving. T. E. Heppenstall. 2,065,133; Dec. 22.  
 Shelving, Adjustable. H. J. Finer and J. Bickers. 2,064,899; Dec. 22.  
 Shelving bracket, Adjustable. W. L. Slater. 2,044,642; June 16.  
 Shelving for refrigerators. C. E. Passmore. 2,051,271; Aug. 18.  
 Shelving, Refrigerator. O. M. Otte. 2,033,861; Mar. 10.  
 Shelving, Sheet metal. P. M. Wege. 2,065,296; Dec. 22.  
 Shell-reloading device. H. E. Newcomb. 2,061,977; Nov. 24.  
 Shell reloading machine. C. R. Peterson. 2,031,850; Feb. 25.  
 Shell, Shotgun. W. C. Keith. 2,048,267; July 21.  
 Shelter construction, Portable canopy and beach. E. H. Fisher. 2,036,033; Mar. 31.  
 Shield. E. E. Kintz. 2,026,741; Jan. 7.  
 Shield and ground connector, Plug and socket. S. M. Del Camp. 2,062,256; Nov. 24.  
 Shield, Arc welding. W. Richter. 2,045,802; June 30.  
 Shield attachment for eyeglass frames. E. E. Jones. 2,052,772; Sept. 1.  
 Shield, Brake. C. E. Budd. 2,031,690; Feb. 25.  
 Shield, Breast. J. E. Tynan. 2,054,491; Sept. 15.  
 Shield, Bullet. E. L. Hite. 2,050,178; Aug. 4.  
 Shield, Cable. E. St. John. 2,034,928; Mar. 24.  
 Shield conductor. R. Hawksley. 2,064,831; Dec. 22.  
 Shield, Dust. R. A. Dittmar. 2,064,245; Dec. 15.  
 Shield, Electrical. G. I. MacLaren. 2,036,709; Apr. 7.  
 Shield, Electrostatic. R. E. Wood and R. S. Yoder. 2,047,159; July 7.  
 Shield, Erasure. L. E. Lindsay. 2,036,090; Mar. 31.  
 Shield, Face. B. G. McCandless. 2,051,730; Aug. 18.  
 Shield, Facial. L. B. Douglass. 2,033,691; Mar. 10.  
 Shield for electric storage batteries, Terminal. G. E. Campbell. 2,052,081; Aug. 25.  
 Shield for glass tank feeding shelves. G. W. Batchell. 2,051,238; Aug. 18.  
 Shield for rumble seats and tonneaux, Disappearing. E. T. Condon. 2,047,941; July 21.  
 Shield for tool handles, Protecting. A. H. Belmont. 2,036,790; Apr. 7.  
 Shield for toothed separator elements. M. J. Mitchell. 2,028,344; Jan. 21.  
 Shield, Fused grading. H. A. Frey. 2,027,301; Jan. 7.  
 Shield, Generator terminal. F. G. Gardner and C. G. Merrill. 2,038,353; Apr. 21.  
 Shield, Glare. C. A. Hawk. 2,064,746; Dec. 15.  
 Shield, Glare. R. C. Jacobs. 2,027,433; Jan. 14.  
 Shield, Glare. R. C. Jacobs. 2,054,325; Sept. 15.  
 Shield, Glare. J. L. Peavey. 2,055,386; Sept. 22.  
 Shield, Glare. S. Ruhland. 2,038,906; Apr. 28.



- Shield, Handle bar. B. J. Anderson. 2,034,934; Mar. 24.  
 Shield, Light. F. H. June, Jr. 2,058,084; Oct. 20.  
 Shield, Lip. V. P. Smith. 2,032,672; Mar. 3.  
 Shield, Painting. T. L. E. Haug. 2,045,597; June 30.  
 Shield, Palm. M. Neback. 2,041,201; May 19.  
 Shield, Radio tube. F. Hafecost and E. F. Staver. 2,050,885; Aug. 11.  
 Shield, Radio tube. F. Hafecost and C. B. L. Townley. 2,050,838; Aug. 11.  
 Shield raising device for roller mill hoppers, Side. P. Hollstein. 2,060,868; Nov. 17.  
 Shield, Self-adjusting tree. W. S. Frees. 2,047,958; July 21.  
 Shield, Shower. C. D. McCord. 2,032,180; Feb. 25.  
 Shield, Sickle. E. E. Reeve. 2,051,394; Aug. 18.  
 Shield, Thermocouple. M. A. Bird and C. F. Tuttle. 2,048,680; July 28.  
 Shield, Thermocouple. G. A. Davidson, O. E. Liddell, C. N. Hine, and G. W. Shannon. 2,048,681; July 28.  
 Shield, Tire protecting. W. A. Olen. 2,038,234; Apr. 21.  
 Shield, Tool. L. Walch. 2,040,719; May 12.  
 Shield, Welder's. H. W. Fairfield. 2,050,939; Aug. 11.  
 Shield, X-ray tube. M. Morrison. 2,063,329; Dec. 8.  
 Shielded electrode tube. R. M. Heintz. 2,034,433; Mar. 17.  
 Shielding. H. J. Harris. 2,036,045; Mar. 31.  
 Shielding device. J. M. Bowman. 2,063,786; Dec. 8.  
 Shielding device. P. Strehmel. 2,030,275; Feb. 11.  
 Shields to pipes, Process and apparatus for applying. F. W. Yeager. 2,044,456; June 16.  
 Shift mechanism. H. J. Nichols. 2,049,468; Aug. 4.  
 Shift-release device for typewriters, Automatic. F. Eibert. 2,063,372; Dec. 8.  
 Shingle. H. Abraham. 2,047,161; July 7.  
 Shingle. A. J. Anderson. 2,034,602; Mar. 17.  
 Shingle. E. J. Buczkowski. 2,051,818; Aug. 25.  
 Shingle. M. Creighton. 2,050,162; Aug. 4.  
 Shingle. D. F. Fradette. 2,032,275; Feb. 25.  
 Shingle. N. P. Harshberger. 2,035,369-70; Mar. 24.  
 Shingle. N. P. Harshberger. 2,041,761; May 26.  
 Shingle. N. P. Harshberger. 2,044,783; June 23.  
 Shingle. H. H. Honigbaum. 2,060,618; Nov. 10.  
 Shingle. P. S. Varden. 2,031,993; Feb. 25.  
 Shingle and forming the same. N. P. Harshberger. 2,059,233; Nov. 3.  
 Shingle, Cement cork. N. P. Harshberger. 2,038,106; Apr. 21.  
 Shingle, Colored composition. J. D. Giles. 2,036,329; Apr. 7.  
 Shingle, Composition. R. A. Holdsworth. 2,064,473; Dec. 15.  
 Shingle, Flexible. H. Abraham. 2,050,218; Aug. 4.  
 Shingle, Making a beaded edge. E. S. Yunik. 2,054,917; Sept. 22.  
 Shingle, Metal roofing. J. and H. Fulenwider. 2,042,890; June 2.  
 Shingle, Metallic. C. J. Rateike. 2,027,321; Jan. 7.  
 Shingle painting and staining mechanism. M. H. Jenkins, Sr. 2,033,770; Mar. 10.  
 Shingle planing machine. E. E. Gilmer. 2,065,801; Dec. 29.  
 Shingle removing tool. J. Lang. 2,050,103; Aug. 4.  
 Shingle roof and material relating thereto. N. P. Harshberger. 2,044,781; June 23.  
 Shingle, Self-spacing individual composition. S. A. Kielar. 2,064,263; Dec. 15.  
 Shingle strips, Making. L. Kirschbraun. 2,043,545; June 9.  
 Shingle, Thick butt. C. R. Eckert. 2,058,578; Oct. 27.  
 Shingles and shingle elements, Apparatus for treating. L. Kirschbraun. 2,053,723; Sept. 8.  
 Shingles or like articles, Weatherproofing. M. L. Caton. 2,039,776; May 5.  
 Shipboard antenna system. J. Rebotier. 2,035,011; Mar. 24.  
 Ship construction. H. P. Frear. 2,029,712; Feb. 4.  
 Ship construction. H. P. Frear. 2,053,903-4; Sept. 8.  
 Ship for carrying fluids in bulk. C. Zulver. 2,048,312; July 21.  
 Ship hull construction. C. T. Samuelson. 2,041,963; May 26.  
 Ship propulsion system, Electric. H. J. Coates and S. A. G. Emms. 2,056,645; Oct. 6.  
 Ship raising rigging. S. Minio. 2,058,708; Oct. 27.  
 Ship, Speed wave. J. C. fu Francesco and N. Furfaro. 2,040,984; May 19.  
 Ship stabilizer. H. Hort. 2,066,150; Dec. 29.  
 Ship stabilizing control system. E. Frisch, W. Schaelchlin, and J. H. Ashbaugh. 2,046,735; July 7.  
 Shipper, Less than carload. R. V. Grayson. 2,034,139; Mar. 17.  
 Shipping and dispensing can. J. H. Miller. 2,065,603; Dec. 29.  
 Shipping and dispensing receptacle. M. M. Einson. 2,036,864; Apr. 7.  
 Shipping and display box, Golf club. W. G. Anderson, Jr. 2,054,355; Sept. 15.  
 Shipping and display container. M. P. Cortilet. 2,040,241; May 12.  
 Shipping and display container. F. Reichel. 2,033,299; Mar. 10.  
 Shipping and display container. C. P. Wellman. 2,058,648; Oct. 27.  
 Shipping and/or storing receptacle. W. Kline and W. A. Brubaker. 2,060,942; Nov. 17.  
 Shipping and storing receptacle. W. Kline and W. A. Brubaker. 2,060,941; Nov. 17.  
 Shipping case. C. F. Fuller. 2,052,135; Aug. 25.  
 Shipping case. I. N. Jordan. 2,040,313; May 12.  
 Shipping case. B. F. Kelly. 2,054,982; Sept. 22.  
 Shipping case. J. M. Leake and G. G. Fairchild. 2,026,901; Jan. 7.  
 Shipping case. G. E. Whalley. 2,042,135; May 26.  
 Shipping case fastener. T. O. Newson. 2,065,240; Dec. 22.  
 Shipping container. O. M. Babcock. 2,027,804; Jan. 14.  
 Shipping container. S. P. Belsinger. 2,053,595; Sept. 8.  
 Shipping container. A. J. Dreux. 2,055,968; Sept. 29.  
 Shipping container. R. Faries and J. B. McWilliams. 2,055,860; Sept. 29.  
 Shipping container. M. W. Goodrum. 2,059,098; Oct. 27.  
 Shipping container. G. T. Hynes and G. S. Smith. 2,030,040; Feb. 4.  
 Shipping container. M. H. Smith. 2,027,561; Jan. 14.  
 Shipping container. C. C. Stetson. 2,038,064; Apr. 21.  
 Shipping container. V. Willoughby. 2,042,440-1; May 26.  
 Shipping cover. R. R. Stevens. 2,035,027; Mar. 24.  
 Shipping device. H. Pleasants, Jr. 2,055,305; Sept. 22.  
 Shipping structure and door therefor. C. R. Vegren, W. A. Beauchamp, and G. Madland. 2,035,207; Mar. 24.  
 Shipping unit. E. I. Burke. 2,065,650; Dec. 29.  
 Ship's davit. G. W. Carr. 2,030,136; Feb. 11.  
 Ship's davit. G. W. Carr. 2,041,817; May 26.  
 Ships, Device for cushioning the shock of. C. E. F. Dubois. 2,039,151; Apr. 28.  
 Ship's form. V. Yourkevitch. 2,047,451; July 14.  
 Ship's model hull, Putting together a. F. W. Megow. 2,060,424; Nov. 10.  
 Shirt. D. J. Gray. 2,028,658; Jan. 21.  
 Shirt. S. Heymann. 2,027,641; Jan. 14.  
 Shirt. I. McKinney. 2,062,185; Nov. 24.  
 Shirt. J. L. Shaw. 2,028,810; Jan. 28.  
 Shirt. M. Steiner. 2,058,367; Oct. 20.  
 Shirt. R. Yacovino. 2,061,181; Nov. 17.  
 Shirt and combination garment, Health. M. Gottschalk and J. M. Abrahams. 2,030,581; Feb. 11.  
 Shirt and suspenders, Combined. P. M. Bambino. 2,035,360; Mar. 24.  
 Shirt arrangement. L. P. G. Madsen and G. A. Wallin. 2,063,255; Dec. 8.  
 Shirt board. G. F. Hiss. 2,048,551; July 21.  
 Shirt, Boy's. F. Ellinger. 2,036,322; Apr. 7.  
 Shirt collar protector. J. E. Knopp. 2,053,564; Sept. 8.  
 Shirt construction. W. Meisler and M. Wolf. 2,046,201; June 30.  
 Shirt holder. H. Cohn. 2,036,743; Apr. 7.  
 Shirt insert board. R. Peiffer. 2,057,110; Oct. 13.  
 Shirt or merchandise display, Apparatus for. N. E. Pool and F. N. Curby. 2,044,398; June 16.  
 Shirt support and ironer, Combined. D. Nelson. 2,045,868; June 30.  
 Shirt suspensory. O. Stam. 2,027,622; Jan. 14.  
 Shock absorber. J. M. Christman. 2,043,317; June 9.  
 Shock absorber. W. A. Chryst. 2,060,554; Nov. 10.  
 Shock absorber. J. W. Flynn. 2,038,032; Apr. 21.  
 Shock absorber. N. S. Focht. 2,035,954; Mar. 31.  
 Shock absorber. H. O. Fuchs. 2,061,068; Nov. 17.  
 Shock absorber. F. D. Funston. 2,032,124; Feb. 25.  
 Shock absorber. L. A. Herrmann. 2,046,626; July 7.  
 Shock absorber. C. H. Kindl. 2,046,689; July 7.  
 Shock absorber. C. H. Kindl. 2,050,953; Aug. 11.  
 Shock absorber. C. H. Kindl and C. S. McCann. 2,046,690; July 7.  
 Shock absorber. J. E. Lindeman. 2,049,709; Aug. 4.  
 Shock absorber. T. D. Minear. 2,038,948; Apr. 28.  
 Shock absorber. J. B. Rieker. 2,038,680; Apr. 28.  
 Shock absorber. W. C. Robbins. 2,035,618; Mar. 31.  
 Shock absorber. E. F. Rossman. 2,032,183; Feb. 25.  
 Shock absorber. E. F. Rossman. 2,055,365; Sept. 22.  
 Shock absorber. E. F. Rossman. 2,060,532; Nov. 10.  
 Shock absorber. C. G. T. Salenius. 2,064,496; Dec. 15.  
 Shock absorber. J. R. Snyder. 2,046,794; July 7.  
 Shock absorber. E. A. Thompson. 2,054,685; Sept. 15.  
 Shock absorber. M. Tibbetts. 2,057,120; Oct. 13.  
 Shock absorber. A. M. Tyson. 2,064,702; Dec. 15.  
 Shock absorber. N. Wyeth and E. Rossman. 2,046,889; July 7.  
 Shock absorber, Direct action. J. E. Padgett. 2,040,063; May 5.  
 Shock absorber, Fluid. J. E. Padgett. 2,048,285; July 21.  
 Shock absorber, Fluid type. W. B. Clifford. 2,043,465; June 9.  
 Shock absorber for aircraft. F. Landgraf. 2,052,775; Sept. 1.  
 Shock absorber for doors. F. E. Gignoux. 2,040,986; May 19.  
 Shock absorber for looms. W. Lees. 2,036,585; Apr. 7.  
 Shock absorber for motor and other vehicles. J. H. Jalbert. 2,033,938; Mar. 17.  
 Shock absorber for straight knitting machines. K. O. Waechter and H. M. Suess. 2,059,667; Nov. 3.  
 Shock absorber for vehicles. H. Morgenroth. 2,046,527; July 7.  
 Shock absorber for vehicles and other loads. E. Stocq. 2,045,208; June 23.  
 Shock absorber for vehicles, Hydraulic. C. Lacroix. 2,032,289; Feb. 25.  
 Shock absorber, Hydraulic. S. C. Bliss and C. F. Lautz. 2,038,533; Apr. 28.



- Shock absorber, Hydraulic. M. Fieldman. 2,060,294; Nov. 10.
- Shock absorber, Hydraulic. N. S. Focht. 2,036,623; Apr. 7.
- Shock absorber, Hydraulic. T. A. and R. T. Killman. 2,042,664; June 2.
- Shock absorber, Hydraulic. C. N. Mitchell. 2,038,587; Apr. 28.
- Shock absorber, Hydraulic. R. F. Peo. 2,028,164; Jan. 21.
- Shock absorber, Hydraulic. R. F. Peo. 2,037,819-20; Apr. 21.
- Shock absorber, Hydraulic. R. F. Peo. 2,038,596; Apr. 28.
- Shock absorber, Hydraulic. R. F. Peo. 2,038,598; Apr. 28.
- Shock absorber, Hydraulic. R. F. Peo. 2,043,488-9; June 9.
- Shock absorber, Hydraulic. R. F. Peo. 2,054,466-7; Sept. 15.
- Shock absorber, Hydraulic. R. F. Peo. 2,063,619; Dec. 8.
- Shock absorber, Hydraulic. W. W. Riedel. 2,056,535; Oct. 6.
- Shock absorber, Hydraulic. W. J. Smith. 2,048,037; July 21.
- Shock absorber, Hydraulic. J. B. Whitted. 2,043,500; June 9.
- Shock absorber, Polished-rod. J. F. Eaton. 2,038,527; Apr. 28.
- Shock absorber strut. K. W. Warren. 2,048,418; July 21.
- Shock absorber system, Hydraulic. J. Spyker. 2,065,832; Dec. 29.
- Shock absorbing coupling. E. Wylie. 2,038,020; Apr. 21.
- Shock absorbing device. W. Noble. 2,061,806; Nov. 24.
- Shock absorbing device. J. E. Padgett. 2,036,955; Apr. 7.
- Shock absorbing device. F. L. Rager. 2,035,009; Mar. 24.
- Shock absorbing device. T. W. Slutz. 2,041,154; May 19.
- Shock absorbing device for motor vehicles. H. G. C. Hingst. 2,035,809; Mar. 31.
- Shock-absorbing device, Friction. L. Kürtössy. 2,054,329; Sept. 15.
- Shock absorbing means. J. E. Padgett. 2,060,590; Nov. 10.
- Shock absorbing mechanism, Friction. W. M. Austin. 2,027,623; Jan. 14.
- Shock absorbing mechanism, Friction. R. J. Olander. 2,050,541; Aug. 11.
- Shock absorption, Antishimmy and road. L. W. Shutts. 2,043,015; June 2.
- Shock carrier. V. J. Koch. 2,044,705; June 16.
- Shoe. J. W. Barbey and A. Bartschi. 2,027,953; Jan. 14.
- Shoe. B. Benjamin. 2,049,347; July 28.
- Shoe. M. J. Bernstein. 2,062,493; Dec. 1.
- Shoe. A. J. Brauer and F. P. Wagner. 2,052,692; Sept. 1.
- Shoe. I. B. Calvin. 2,063,227; Dec. 8.
- Shoe. J. Costanzo. 2,058,215; Oct. 20.
- Shoe. C. O. Cristallini. 2,049,604; Aug. 4.
- Shoe. J. E. Disch. 2,050,831; Aug. 11.
- Shoe. P. G. Flint. 2,028,054; Jan. 14.
- Shoe. P. G. Flint. 2,040,043; May 5.
- Shoe. L. Goldberg. 2,032,206; Feb. 25.
- Shoe. N. Hack. 2,037,230; Apr. 14.
- Shoe. A. A. Kotzin. 2,037,170; Apr. 14.
- Shoe. C. L. Laible. 2,027,737; Jan. 14.
- Shoe. L. S. Macdonald and J. E. Small. 2,061,540; Nov. 17.
- Shoe. B. C. Maxwell. 2,034,243; Mar. 17.
- Shoe. R. McCulloch. 2,035,561; Mar. 31.
- Shoe. C. Miller. 2,059,185; Oct. 27.
- Shoe. C. M. Riddock. 2,032,665; Mar. 3.
- Shoe. C. F. and F. A. Rohn. 2,049,227; July 28.
- Shoe. E. L. Shultz. 2,027,557; Jan. 14.
- Shoe. T. Warner. 2,047,756; July 14.
- Shoe anchor, Golf. A. E. Shannon. 2,032,596; Mar. 3.
- Shoe and insole therefor. C. Reggie. 2,064,629; Dec. 15.
- Shoe and making same. P. H. Flaherty and F. P. Murphy. 2,037,652; Apr. 14.
- Shoe and making same. W. H. Wedger. 2,061,297; Nov. 17.
- Shoe and making same, Welt. F. Maccarone. 2,047,697; July 14.
- Shoe and making the same. F. L. Ayers. 2,065,786; Dec. 29.
- Shoe and making the same. F. Belyea. 2,046,444; July 7.
- Shoe and making the same. K. Engel. 2,050,296; Aug. 11.
- Shoe and making the same. P. B. Vance. 2,035,731; Mar. 31.
- Shoe and making the same, Single sole. W. M. Page. 2,048,562; July 21.
- Shoe and making the same, Molded. E. A. Corbin, Jr. 2,040,921; May 19.
- Shoe and manufacture, Stitchdown. E. F. Schmidt. 2,062,530; Dec. 1.
- Shoe and manufacturing shoes. G. Goddu. 2,033,239; Mar. 10.
- Shoe and manufacturing the same. F. N. La Chapelle. 2,058,469; Oct. 27.
- Shoe and manufacturing the same. E. E. Murphy. 2,059,386; Nov. 3.
- Shoe and method of shoemaking. W. Brister. 2,055,478; Sept. 29.
- Shoe and shank stiffener therefor. F. L. Cheever. 2,061,959; Nov. 24.
- Shoe and shoemaking. M. Green. 2,064,256; Dec. 15.
- Shoe and shoemaking method. L. W. Morrison. 2,057,839; Oct. 20.
- Shoe and shoe manufacture. K. Engel. 2,065,569; Dec. 29.
- Shoe and sole therefor. A. Bates. 2,054,188; Sept. 15.
- Shoe and the manufacture thereof. J. Cavanagh. 2,038,644; Apr. 28.
- Shoe and the manufacture thereof. J. Cavanagh. 2,044,875; June 23.
- Shoe, Arch support. L. C. Brand. 2,029,409; Feb. 4.
- Shoe bottom attaching apparatus. G. H. Barge. 2,042,378; May 26.
- Shoe bottom construction and making shoes and shoe bottom units. K. Kilburn. 2,055,542; Sept. 29.
- Shoe bottom filler, Apparatus for use in applying. C. F. Eaton. 2,038,423; Apr. 21.
- Shoe bottom ironing machine. R. W. Cummings. 2,056,314; Oct. 6.
- Shoe bottom ironing machine. C. F. Pym. 2,051,895; Aug. 25.
- Shoe bottom member and making the same. J. M. Whelton. 2,065,463; Dec. 22.
- Shoe bottom unit and making the same. J. M. Whelton. 2,065,464; Dec. 22.
- Shoe bottoms, Apparatus for applying pressure to. F. Kennison and J. R. O'Brien. 2,049,453; Aug. 4.
- Shoe bottoms, Apparatus for applying pressure to. L. G. Knowles. 2,063,041; Dec. 8.
- Shoe, Cemented. C. Miller. 2,036,065; Mar. 31.
- Shoe cementing machine. W. L. MacKenzie. 2,036,289; Apr. 7.
- Shoe cleaning device. L. Rose. 2,063,123; Dec. 8.
- Shoe consisting of textile material and of rubber. I. and L. Dorogi. 2,048,185; July 21.
- Shoe construction. E. J. Story and J. M. Delaney. 2,030,276; Feb. 11.
- Shoe counter. C. A. Thurston. 2,028,111; Jan. 14.
- Shoe counter mold. J. H. Stewart. 2,053,352; Sept. 8.
- Shoe counter stiffener. F. Grossman. 2,048,186; July 21.
- Shoe, Cushion. J. H. Everston. 2,037,970; Apr. 21.
- Shoe device. M. Yanover. 2,058,933; Oct. 27.
- Shoe, Doll. T. W. Braitting. 2,063,660; Dec. 8.
- Shoe-element marking device. L. D. Ziegler. 3d. 2,056,117; Sept. 29.
- Shoe filler. A. Thoma. 2,056,236; Oct. 6.
- Shoe fitting device. C. R. Roberts. 2,061,849; Nov. 24.
- Shoe flexing device. E. R. Byers. 2,048,837; July 28.
- Shoe form. C. E. Harriman. 2,053,241; Sept. 1.
- Shoe heel. P. B. Sullivan. 2,031,511; Feb. 18.
- Shoe heel structure. M. Mauser. 2,063,042; Dec. 8.
- Shoe heels, Method of and apparatus for attaching. M. Cuzzo. 2,030,139; Feb. 11.
- Shoe heels, System of covering. M. O. Frost. 2,032,927; Mar. 3.
- Shoe holder. D. W. Tibbott. 2,050,868; Aug. 11.
- Shoe Jack. P. Ribar. 2,027,703; Jan. 14.
- Shoe, Jingle dancing. E. Landi. 2,059,952; Nov. 3.
- Shoe lace, Elastic. P. R. S. Larson. 2,036,482; Apr. 7.
- Shoe last. J. A. Wikany. 2,044,676; June 16.
- Shoe last holder. S. Samuel. 2,034,314; Mar. 17.
- Shoe lasting device. P. Aronov and W. H. Scott. 2,048,724; July 28.
- Shoe lasting jack. J. Toscano. 2,031,868; Feb. 25.
- Shoe lengthening device. D. Korytar. 2,046,170; June 30.
- Shoe machine. R. H. Lawson. 2,033,248; Mar. 10.
- Shoe machine. A. R. Morrill. 2,059,013; Oct. 27.
- Shoe machine. B. S. Steiner. 2,056,988; Oct. 13.
- Shoe machine. L. E. Topham. 2,033,496; Mar. 10.
- Shoemaking. F. L. Ayers. 2,048,048; July 21.
- Shoemaking. E. A. Gray. 2,058,975; Oct. 27.
- Shoemaking. A. E. Lindblad. 2,036,418; Apr. 7.
- Shoemaking. W. H. Nickerson. 2,064,681; Dec. 15.
- Shoemaking. P. W. Valentine. 2,053,120; Sept. 1.
- Shoemaking method. F. Maccarone and H. L. Sutcliffe. 2,041,360; May 19.
- Shoe material. J. A. Muir. 2,052,579; Sept. 1.
- Shoe measuring device. E. J. Bliss. 2,043,649; June 9.
- Shoe of the Gillie type. C. H. Daniels. 2,041,672; May 19.
- Shoe ornamentation. C. Miller and I. Spielman. 2,044,362; June 16.
- Shoe parts, Method of and apparatus for treating. P. H. Dixon. 2,054,930; Sept. 22.
- Shoe parts, Method of and machine for assembling. R. H. Lawson. 2,063,938; Dec. 15.
- Shoe parts, Temporarily protecting surfaces of. W. H. Wedger. 2,049,554; Aug. 4.
- Shoe plate. B. B. West. 2,052,330; Aug. 25.
- Shoe plate. C. B. White. 2,065,255; Dec. 22.
- Shoe polish can. W. W. Wilhelm. 2,047,720; July 14.
- Shoe polishing machine, Automatic. H. T. Shearer. 2,060,384; Nov. 10.
- Shoe press. W. C. Card, Jr. 2,049,048; July 28.
- Shoe press. D. Russo. 2,065,613; Dec. 29.
- Shoe press. E. A. Willey. 2,059,831; Nov. 3.
- Shoe press heating device. S. Zukowski. 2,039,868; May 5.
- Shoe protecting device. Z. R. Everett and K. F. V. Nygaard. 2,062,123; Nov. 24.
- Shoe protecting device. S. Friedenbergl. 2,032,052; Feb. 25.
- Shoe protector. E. T. Kendall. 2,061,160; Nov. 17.
- Shoe rack. F. I. Francia. 2,053,554; Sept. 8.
- Shoe rasping device. W. C. Card, Jr. 2,063,484; Dec. 8.



- Shoe reshaping device. M. K. Dun. 2,028,321; Jan. 21.  
 Shoe roughing machine. C. G. Brostrom. 2,043,369; June 9.  
 Shoe shanks, Bending. A. D. Bach. 2,027,716; Jan. 14.  
 Shoe shaper. F. Calabrese. 2,041,991; May 26.  
 Shoe sole. F. Vicente. 2,031,196; Feb. 18.  
 Shoe sole applying machine. C. M. Riddock. 2,029,195; Jan. 28.  
 Shoe sole attaching apparatus. G. H. Barge. 2,065,260; Dec. 22.  
 Shoe sole attaching apparatus. W. F. McCormick. 2,065,238; Dec. 22.  
 Shoe sole cementing apparatus. H. Haselier. 2,058,446; Oct. 27.  
 Shoe sole construction. N. B. Griffin. 2,050,210; Aug. 4.  
 Shoe sole construction. I. I. Tubbs. 2,049,598; Aug. 4.  
 Shoe sole plate, Athletic. J. T. Riddell. 2,040,186; May 12.  
 Shoe sole, Weight distributing. B. J. Silver. 2,046,190; June 30.  
 Shoe soling appliance. J. O. Yunker and A. Kahn. 2,051,236; Aug. 18.  
 Shoe soles, Apparatus for making. W. J. De Witt and E. F. Beers. 2,041,530-3; May 19.  
 Shoe soles, Device for leveling. J. Tweedie. 2,043,819; June 9.  
 Shoe, Spiked sport. S. F. Levy. 2,034,050; Mar. 17.  
 Shoe stiffener manufacture. S. P. Lovell. 2,036,588; Apr. 7.  
 Shoe stiffeners, Manufacture of. S. P. Lovell. 2,040,320; May 12.  
 Shoe, Stitch-down. H. A. Scholz. 2,063,633; Dec. 8.  
 Shoe stretcher. W. H. Dutton. 2,063,370; Dec. 8.  
 Shoe stretching device. A. Kanell. 2,052,141; Aug. 25.  
 Shoe-supporting and clamping mechanism. F. L. Brandt. 2,034,741; Mar. 24.  
 Shoe supporting jack. G. P. S. Cross. 2,056,713; Oct. 6.  
 Shoe-supporting mechanism. C. T. Jones. 2,035,549; Mar. 31.  
 Shoe tap press. L. J. Ripich. 2,046,035; June 30.  
 Shoe, Third point support. E. G. Busse and H. W. Ekholm. 2,027,147; Jan. 7.  
 Shoe trimming machine. M. Robeske. 2,051,746; Aug. 18.  
 Shoetree. J. L. Conrad. 2,034,608; Mar. 17.  
 Shoetree. D. H. Mitchell. 2,039,021; Apr. 28.  
 Shoetree. L. M. Rosenthal. 2,060,123; Nov. 10.  
 Shoe, Trolley. J. Ross. 2,058,724; Oct. 27.  
 Shoe, Turn. V. De Liso. 2,065,058; Dec. 22.  
 Shoe-turning machine. A. Eppler. 2,063,993; Dec. 15.  
 Shoe upper material, Apparatus for reshaping. B. S. Steiner. 2,056,987; Oct. 13.  
 Shoe uppers, Lacing. J. Fossa and H. D. Elliott. 2,056,962; Oct. 13.  
 Shoe uppers, Method of and apparatus for marking. C. F. Eaton. 2,027,637; Jan. 14.  
 Shoe vamps, Device for stretching the throat of. J. B. Nicoletti. 2,062,758; Dec. 1.  
 Shoe with expansible opening. F. P. Wagner. 2,061,746; Nov. 24.  
 Shoes and shoe soles, Manufacture of. A. E. C. Hall. 2,040,131; May 12.  
 Shoes, Apparatus and method for use in the manufacture of. K. Engel. 2,055,483; Sept. 29.  
 Shoes, Apparatus for making. J. H. Reed. 2,043,305; June 9.  
 Shoes during their manufacture, Protecting. R. Schneider and A. Poelman. 2,031,674; Feb. 25.  
 Shoes from lasts, Separating. J. B. Hadaway. 2,047,960; July 21.  
 Shoes, Lasting. C. K. MacDonald. 2,057,040; Oct. 13.  
 Shoes, Making. C. T. Anderson. 2,063,141; Dec. 8.  
 Shoes, Making. L. J. Bazzoni. 2,059,303; Nov. 3.  
 Shoes, Making. J. V. Critchley. 2,034,329; Mar. 17.  
 Shoes, Making. A. Eppler. 2,034,718; Mar. 24.  
 Shoes, Making. D. H. Finberg and J. A. Gagnon. 2,032,655; Mar. 3.  
 Shoes, Making. G. Goddu. 2,036,406; Apr. 7.  
 Shoes, Making. J. B. Hadaway. 2,031,645; Feb. 25.  
 Shoes, Making. J. B. Hadaway. 2,058,443; Oct. 27.  
 Shoes, Making. R. E. Hopkins. 2,058,454; Oct. 27.  
 Shoes, Making. F. Laudanno. 2,045,954; June 30.  
 Shoes, Making. J. C. Lisbon, Sr. 2,063,175; Dec. 8.  
 Shoes, Making. F. MacBurnie. 2,054,942; Sept. 22.  
 Shoes, Making. C. E. Roeder. 2,062,528; Dec. 1.  
 Shoes, Making appliqué. R. J. Regan. 2,049,175; July 28.  
 Shoes, Making cemented. C. Miller. 2,036,066; Mar. 31.  
 Shoes, Manufacture of. W. I. Gillette. 2,034,031; Mar. 17.  
 Shoes, Manufacture of. K. Kilburn. 2,056,323; Oct. 6.  
 Shoes, Manufacture of. O. L. Lawson. 2,055,545; Sept. 29.  
 Shoes, Manufacture of. G. H. Nichols. 2,063,186; Dec. 8.  
 Shoes, Manufacture of. C. F. Pym. 2,028,245; Jan. 21.  
 Shoes, Manufacture of. C. D. Turner. 2,045,736; June 30.  
 Shoes, Manufacture of. C. D. Turner. 2,056,313; Oct. 6.  
 Shoes, Manufacture of. W. H. Wedger. 2,061,296; Nov. 17.  
 Shoes, Manufacture of arch supporting. S. G. Ross and C. T. Anderson. 2,054,169; Sept. 15.  
 Shoes, Manufacture of turn. T. A. Whidden. 2,058,540; Oct. 27.  
 Shoes, Method and machine for use in lasting. B. Jorgensen. 2,040,138; May 12.
- Shoes, Method of and machine for making. F. S. Glines. 2,061,700; Nov. 24.  
 Shoes, Method of and machine for use in the manufacture of. L. S. Macdonald. 2,026,641; Jan. 7.  
 Shoes, Method of and machine for use in the manufacture of prewelded. K. Engel. 2,059,218; Nov. 3.  
 Shoes, Method of and means for use in the manufacture of. K. Engel. 2,060,057; Nov. 10.  
 Shoes of the prewelded type. Apparatus for forming. H. A. Scholz. 2,051,533; Aug. 18.  
 Shoes, Pressing the bottoms of. C. H. Pepin. 2,057,052; Oct. 13.  
 Shoes, Stiffening. S. P. Lovell. 2,063,690; Dec. 8.  
 Shoes, System of finishing. M. O. Frost. 2,051,374; Aug. 18.  
 Shooting seat. R. Noé. 2,064,215; Dec. 15.  
 Short wave apparatus, Ultra. W. Dällenbach. 2,052,339; Aug. 25.  
 Short wave converter, Automatic. L. Stone, Jr. 2,033,492; Mar. 10.  
 Short wave generator, Large power ultra. H. E. Hollmann. 2,047,204; July 14.  
 Short wave-long wave receiver. J. Rohnfeld. 2,031,130; Feb. 18.  
 Short-wave oscillation generator, Ultra. R. Bechmann. 2,036,562; Apr. 7.  
 Short wave radiation. W. Dällenbach. 2,054,895; Sept. 22.  
 Short wave receiver, Ultra. R. W. George. 2,031,103; Feb. 18.  
 Short wave tube. B. Salzberg. 2,030,187; Feb. 11.  
 Shortening, Commminuted. G. H. Kraft. 2,035,899; Mar. 31.  
 Shotgun barrel. G. S. Lewis. 2,054,132; Sept. 15.  
 Shotgun sight attachment. G. L. King. 2,056,469; Oct. 6.  
 Shot, Sling. W. W. Dodge, Jr. 2,056,446; Oct. 6.  
 Shoulder adjustment. S. K. Neidecker. 2,061,435; Nov. 17.  
 Shoulder rest for violins, Removable. V. Kolitsch. 2,064,925; Dec. 22.  
 Shoulder strap holder. H. Hoskins. 2,052,469; Aug. 25.  
 Shoulder strap holder. F. M. Stader. 2,046,589; July 7.  
 Shoulder-strap retaining device. N. Q. Patten. 2,049,660; Aug. 4.  
 Shove down cover, Multipart. G. A. Lyon. 2,048,401; July 21.  
 Shovel. F. C. Brandenburg. 2,031,556; Feb. 18.  
 Shovel. M. W. Washington. 2,063,774; Dec. 8.  
 Shovel. L. E. Webster. 2,057,256; Oct. 13.  
 Shovel, Automatic shaker. R. Gibson. 2,027,639; Jan. 14.  
 Shovel, Collapsible. J. A. McBrady. 2,047,485; July 14.  
 Shovel, Excavating. W. Baker. 2,037,958; Apr. 21.  
 Shovel, Excavating. J. W. Page. 2,032,851; Mar. 3.  
 Shovel or the like. L. E. Webster. 2,060,707; Nov. 10.  
 Shovel, Pull. P. Burke and A. Orloff. 2,036,680; Apr. 7.  
 Show card machine. H. W. Lamb. 2,034,584; Mar. 17.  
 Showcase bracket, Adjustable. W. L. Slater. 2,056,078; Sept. 29.  
 Showcases and the like, Construction of. G. W. Porter. 2,040,497; May 12.  
 Shower and method of making, Garden. G. L. Baldwin. 2,040,165; May 12.  
 Shower bath attachment. B. S. Michelson. 2,060,100; Nov. 10.  
 Shower, Compartment. H. A. Mullett. 2,042,547; June 2.  
 Shower construction. N. Schooler. 2,059,614; Nov. 3.  
 Shower head. E. Price and W. A. Pfister. 2,044,445; June 16.  
 Shredder, Soap. V. J. Richards and J. M. Werner. 2,030,182; Feb. 11.  
 Shrimp cleaner and culinary implement, Combination. T. S. Silaj. 2,039,850; May 5.  
 Shrimp-shelling machine. V. Bottker and B. Grondahl. 2,034,691; Mar. 24.  
 Shuffling device for playing cards. A. Gruner. 2,056,397; Oct. 6.  
 Shut-off and check valve, Combination. J. A. Jefferson. 2,058,590; Oct. 27.  
 Shut-off and drainage valving means, Combined. J. De Haes. 2,051,247; Aug. 18.  
 Shut-off for delivery nozzles, Automatic. J. A. Lippert and R. J. Maller. 2,053,005; Sept. 1.  
 Shut-off for filling spouts, Automatic. W. A. Hansen. 2,060,570; Nov. 10.  
 Shut-off valve, Accelerated gravity. W. L. Belknap. 2,057,702; Oct. 20.  
 Shut-off valve, Earthquake actuated. S. H. Hansen. 2,054,563; Sept. 15.  
 Shutter actuating mechanism. A. Nagel. 2,059,892; Nov. 3.  
 Shutter and making same, Flexible. I. Florman. 2,054,499; Sept. 15.  
 Shutter and shutter adjustment for cameras. P. J. Berggren. 2,045,260; June 23.  
 Shutter construction. N. B. Green. 2,047,263; July 14.  
 Shutter control for a cooling system. L. G. Hartdorn. 2,042,842; June 2.  
 Shutter control for internal combustion engines. F. C. Bargar. 2,038,821; Apr. 28.  
 Shutter, Focal plane. W. A. Black. 2,039,517; May 5.  
 Shutter for accordions. S. Rabuzzo. 2,043,060; June 2.  
 Shutter for motion picture cameras. P. J. Berggren. 2,052,960; Sept. 1.



Shutter for photographic cameras. A. Barenyl. 2,037,360; Apr. 14.

Shutter mechanism for motion picture projectors. I. Diebel. 2,027,520; Jan. 14.

Shutter, Reflex. M. Friedland. 2,029,418; Feb. 4.

Shuttle. H. H. Burdett. 2,046,287; June 30.

Shuttle. L. Pavia. 2,040,670; May 12.

Shuttle. A. Roy and A. Cortina. 2,056,868; Oct. 6.

Shuttle. W. M. Taylor. 2,036,660; Apr. 7.

Shuttle. W. A. Tebo. 2,058,190; Oct. 20.

Shuttle, Automatically threading loom. W. A. Tebo. 2,064,362; Dec. 15.

Shuttle binder control for looms. C. Darwin. 2,062,702; Dec. 1.

Shuttle change loom. C. D. Brown. 2,061,828; Nov. 24.

Shuttle changer. A. Cederlund and E. R. Holmes. 2,054,192; Sept. 15.

Shuttle changer loom, Multicolor. R. G. Turner. 2,054,179; Sept. 15.

Shuttle changing filling mixing loom. R. G. Turner. 2,056,694; Oct. 6.

Shuttle changing loom. R. G. Turner. 2,065,771; Dec. 29.

Shuttle changing loom. L. S. Vose. 2,029,801; Feb. 4.

Shuttle changing loom, Multicolor. R. G. Turner. 2,054,172-3; Sept. 15.

Shuttle changing loom, Weft replenishing. R. G. Turner. 2,054,171; Sept. 15.

Shuttle check. C. D. Brown. 2,028,732; Jan. 21.

Shuttle check. J. Northrop. 2,042,118; May 26.

Shuttle check and release. E. A. Santon. 2,045,967; June 30.

Shuttle check, Loom. J. Northrop. 2,042,119; May 26.

Shuttle cock. R. C. Booth. 2,059,930; Nov. 3.

Shuttle control for shuttle changing filling mixing loom. R. G. Turner. 2,056,695; Oct. 6.

Shuttle control for shuttle changing looms. R. G. Turner. 2,054,175; Sept. 15.

Shuttle for automatic looms. W. A. Tebo. 2,064,363; Dec. 15.

Shuttle eye, Self-threading. P. L. Spencer. 2,059,756; Nov. 3.

Shuttle for weaving looms, Pirnless. R. Dewas. 2,053,657; Sept. 8.

Shuttle, Loom. O. V. Payne. 2,045,961; June 30.

Shuttle, Loom. I. Snow. 2,059,180; Oct. 27.

Shuttle, Narrow ware. W. J. Sheets, Sr. 2,045,314; June 23.

Shuttle pin lock. C. P. Park. 2,030,713; Feb. 11.

Shuttle tension. H. A. Davis. 2,046,288; June 30.

Shuttle, Weaving. H. Summa. 2,033,556; Mar. 10.

Shuttles in looms for weaving, Apparatus for braking. R. Rossmann. 2,057,114; Oct. 13.

Shuttles, Means to prevent flight of improperly changed. R. G. Turner. 2,054,178; Sept. 15.

Shuttles, Production of. J. Rückert. 2,044,402; June 16.

Siccative composition and making same. C. Ellis. 2,063,869; Dec. 8.

Side and platform for cars, Combined. A. C. Mather. 2,059,737; Nov. 3.

Side bearing. P. V. Larsen. 2,049,266; July 28.

Side bearing. A. Stuckl. 2,065,763; Dec. 29.

Side frame. R. B. Cottrell. 2,057,710; Oct. 20.

Side frame and journal box. H. K. Smith. 2,039,357; May 5.

Siding element and making same. S. P. Miller. 2,047,742; July 14.

Siding elements, Making. C. R. Eckert. 2,035,871; Mar. 31.

Siding for masonry structures, Metal. A. Cheney. 2,054,049; Sept. 8.

Siding material. C. R. Eckert. 2,038,102; Apr. 21.

Siding material. L. Kirschbraun. 2,063,935; Dec. 15.

Siding, Self-spacing. C. R. Eckert. 2,027,029; Jan. 7.

Sieve, Cleanable. R. Neher. 2,059,139; Oct. 27.

Sieve, Multiple flour. A. L. Clark. 2,045,439; June 23.

Sifter. W. A. Hudson. 2,036,942; Apr. 7.

Sifter. T. G. Melish. 2,061,518; Nov. 17.

Sifter, Ash. J. Bochenek. 2,034,426; Mar. 17.

Sifter, Flour. B. G. Hall. 2,063,499; Dec. 8.

Sifter top. A. L. Forsberg. 2,050,787; Aug. 11.

Sifting device. E. Schneider and K. Blum. 2,059,814; Nov. 3.

Sifting, straining, or filtering apparatus. R. Adams. 2,061,340; Nov. 17.

Sifting structure. S. Schiff. 2,049,870; Aug. 4.

Sight attachment for car or other tanks. J. Beebe. 2,027,145; Jan. 7.

Sight feed. W. H. Kniskern. 2,047,783; July 14.

Sight feed indicator and measuring device. C. F. Terrell, Jr. 2,047,715; July 14.

Sight for drive bombing, Bomb. H. W. Wickes. 2,064,964; Dec. 22.

Sight for firearms, Adjustable peep. T. R. Arden. 2,061,017; Nov. 17.

Sight line horizon determining means. O. Eppenstein. 2,042,040; May 26.

Sight mounting. J. C. Karnes. 2,048,703; July 28.

Sight, Open. M. M. Marple. 2,054,090; Sept. 15.

Sight-testing apparatus. R. E. Reason. 2,049,222; July 28.

Sight testing device. J. F. Kothman. 2,045,952; June 30.

Sighting control for aircraft. A. Prokofieff-Seversky. 2,027,348; Jan. 7.

Sighting device. B. Noske. 2,045,670; June 30.

Sighting device for guns. J. C. Karnes. 2,052,571; Sept. 1.

Sign: See—

Advertising bracket sign. Gaseous electric sign.

Advertising display sign. Illuminated sign.

Advertising sign. Luminescent sign.

Aircraft sign. Luminous tube sign.

Card display sign. Moving and changing sign.

Changeable sign. Neon sign.

Concrete sign. Outdoor sign.

Display and demonstrating sign. Reflecting sign.

Display sign. Reflection sign.

Edge-illuminated sign. Self-luminous sign.

Electric revolving sign. Street crossing sign.

Electric sign. Television sign.

Electrical advertising sign. Traffic sign.

Exhibitor sign. Travelling sign.

Sign. F. A. Austin. 2,045,378; June 23.

Sign. W. C. Hollister. 2,039,998; May 5.

Sign. O. A. Jackson. 2,054,289; Sept. 15.

Sign. E. F. Johnson. 2,052,771; Sept. 1.

Sign. F. E. Kip. 2,062,094; Nov. 24.

Sign. C. H. Mackey. 2,051,451; Aug. 18.

Sign. C. G. McDonald. 2,058,900; Oct. 27.

Sign. J. W. Newman. 2,061,805; Nov. 24.

Sign. G. E. Oakley and A. E. Tucker. 2,049,746; Aug. 4.

Sign. S. A. Rich. 2,052,112; Aug. 25.

Sign. W. S. Rockwell. 2,065,872; Dec. 29.

Sign. S. Slutsky. 2,032,895; Mar. 3.

Sign. S. Slutsky. 2,036,612; Apr. 7.

Sign. J. W. Snell. 2,048,359; July 21.

Sign. R. Young. 2,029,750; Feb. 4.

Sign and letters therefor, Changeable. B. H. Adler. 2,038,978; Apr. 28.

Sign and operating it, Animated. G. B. Linderman, Jr. 2,043,200; June 2.

Sign and operating it, Animated. N. P. Smith. 2,040,538; May 12.

Sign and sign frame. F. A. Austin. 2,064,240; Dec. 15.

Sign apparatus. J. Martinez. 2,033,478; Mar. 10.

Sign apparatus, Motor driven illuminated endless band. I. Holsman. 2,064,115; Dec. 15.

Sign box. A. Lindstrom. 2,035,659; Mar. 31.

Sign changing apparatus. H. C. Heath. 2,061,030; Nov. 17.

Sign changing device. A. Said. 2,052,250; Aug. 25.

Sign controller, Electric. F. C. Reilly. 2,028,521; Jan. 21.

Sign display frame. L. J. Schneider. 2,027,790; Jan. 14.

Sign display stand. L. J. Schneider. 2,064,127; Dec. 15.

Sign element, Illuminated. T. J. Curtis, Jr. 2,051,288; Aug. 18.

Sign for automobile bumpers, Reflector. T. P. Eichelsdoerfer. 2,060,055; Nov. 10.

Sign letter, Illuminated. R. A. Luna. 2,027,187; Jan. 7.

Sign of electric lights, Advertising. E. Mukasa. 2,029,183; Jan. 28.

Sign or signal, Reflecting. A. Gerber. 2,049,367; July 28.

Sign pouring closure, Swivel. L. R. Paul. 2,041,724; May 26.

Sign producing machine. L. L. Rustad. 2,063,006; Dec. 1.

Sign reflecting in predetermined direction. S. F. Arbuckle and G. H. Coulter. 2,043,690; June 9.

Signs, Apparatus for displaying aerial. H. H. Richardson. 2,064,218; Dec. 15.

Signs, Apparatus for making. F. L. Stoffel. 2,062,044; Nov. 24.

Signs, Device for operating animated. F. J. Stenger. 2,053,351; Sept. 8.

Signs, Suspension means for swing. F. A. Lippold. 2,030,379; Feb. 11.

Signs, Swing check for. F. A. Lippold. 2,030,378; Feb. 11.

Signal: See—

Audible electric signal. Portable safety signal.

Audible road signal. Railroad crossing signal.

Automobile distress signal. Railroad signal.

Automobile signal. Reed actuated signal.

Auto signal. Reflex signal.

Automobile signal. Safety signal.

Direction signal. Smashboard signal.

Electric flare signal. Sound signal.

Electric signal. Stop signal.

Electrically operated signal. Traffic signal.

Foul line signal. Vehicle signal.

Highway signal. Vehicle warning signal.

Light signal. Warning signal.

Motor vehicle signal. Water inlet and outlet condition signal.

Pedestrian's signal.

Signal. C. Adler, Jr. 2,029,211; Jan. 28.

Signal. G. W. Bergman. 2,026,770; Jan. 7.

Signal. T. and P. Colla. 2,055,402; Sept. 22.

Signal. C. W. Currah and W. E. Funk. 2,026,965; Jan. 7.

Signal. L. B. Hester. 2,061,871; Nov. 24.

Signal amplifying system. F. R. Farrow, Jr. 2,063,304; Dec. 8.

Signal and control system, Elevator. W. F. Eames. 2,039,073; Apr. 28.

Signal and control system for elevators. W. F. Eames. 2,042,214; May 26.

Signal and control system for elevators. P. C. Keiper and F. E. Lewis. 2,057,492; Oct. 13.



- Signal and ordering device, Milk bottle. L. O. B. Lindstrom and E. S. Lindstrom. 2,036,762; Apr. 7.
- Signal and service lamp, Combined directional. E. T. Condon. 2,057,477; Oct. 13.
- Signal and taillight for motor vehicles, Directional. L. Pohl. 2,036,956; Apr. 7.
- Signal apparatus. J. C. Lowry and O. M. Rybolt. 2,036,420; Apr. 7.
- Signal arrow and parking lamp, Fender. J. R. Haines. 2,062,993; Dec. 1.
- Signal attachment for vehicles. A. A. Blanchard. 2,050,779; Aug. 11.
- Signal button structure. R. J. Noschang. 2,056,072; Sept. 29.
- Signal call system, Visual. J. H. Wheelock. 2,032,518; Mar. 3.
- Signal control apparatus. M. F. Ketay. 2,043,000; June 2.
- Signal control system. R. Neuschotz. 2,057,048; Oct. 13.
- Signal controlled by vehicles, Traffic. T. Tone. 2,050,637; Aug. 11.
- Signal conversion in telegraph systems. C. F. Nelson. 2,047,964; July 7.
- Signal device. W. R. Curtiss. 2,063,003; Dec. 1.
- Signal device. W. R. Curtiss. 2,064,735; Dec. 15.
- Signal device. J. Jones. 2,050,181; Aug. 4.
- Signal device. H. G. Lee. 2,049,843; Aug. 4.
- Signal device. O. C. Ritz-Woller. 2,062,479; Dec. 1.
- Signal device. W. H. McGill. 2,053,776; Sept. 8.
- Signal device. C. F. Wallace. 2,051,506; Aug. 18.
- Signal device. C. F. Wallace. 2,054,013; Sept. 8.
- Signal device and mechanical movement. F. S. Nawrocki. 2,035,184; Mar. 24.
- Signal device and system, Electrical. J. H. Wheelock. 2,065,409; Dec. 22.
- Signal device, Audible. G. A. Harrison. 2,064,603; Dec. 15.
- Signal device, Audible. M. E. Pipkin and E. J. Blake. 2,031,667; Feb. 25.
- Signal device, Door. C. G. Nieto. 2,039,975; May 5.
- Signal device for dispensing pumps. C. S. Hazard. 2,061,538; Nov. 17.
- Signal device for motor vehicles. J. Bamberger. 2,060,483; Nov. 10.
- Signal device for tires, Safety. D. G. Duty and L. D. Rogers. 2,037,968-9; Apr. 21.
- Signal distortion indicator. J. Herman. 2,036,332; Apr. 7.
- Signal for automobiles and the like. D. D. Hoefer. 2,033,378; Mar. 10.
- Signal for automobiles, Direction. J. McNaughton. 2,033,780; Mar. 10.
- Signal for automobiles, Direction. F. B. O'Shea. 2,032,850; Mar. 3.
- Signal for automobiles, Directional. R. E. Stone. 2,050,769; Aug. 11.
- Signal for automobiles, Marginal warning. H. H. Kempf. 2,060,771; Nov. 10.
- Signal for dictating machines. F. L. Fox. 2,036,171; Mar. 31.
- Signal for fluid delivery hose, Whistling. W. T. Oxley. 2,063,696; Dec. 8.
- Signal for motor vehicles. A. D. Miller and E. O. Bade. 2,039,604; May 5.
- Signal for vehicles, Direction. W. G. Baade. 2,030,043; Feb. 11.
- Signal for vehicles, Direction. C. W. Benkman, F. C. Rodrigues, and H. F. Opperman. 2,032,560; Mar. 3.
- Signal for vehicles, Warning. J. W. Staley. 2,039,360; May 5.
- Signal indicator for railroad vehicles. J. A. C. King. 2,027,985; Jan. 14.
- Signal lamp. C. H. Braselton. 2,054,048; Sept. 8.
- Signal lamp. K. M. Reid and H. J. Chanon. 2,060,637; Nov. 10.
- Signal lamp, Motor vehicle. A. E. Brandon. 2,051,817; Aug. 25.
- Signal lens. C. V. Gergstrom. 2,034,603; Mar. 17.
- Signal light. A. L. Vaughn. 2,055,712; Sept. 29.
- Signal means for rail cars. R. J. Burrows and A. O. Williams. 2,057,474; Oct. 13.
- Signal means for rail cars. A. O. Williams. 2,059,718; Nov. 3.
- Signal means for vehicles, Electric. C. J. Eastham. 2,037,123; Apr. 14.
- Signal mounting means, Light. C. E. Layton. 2,038,117; Apr. 21.
- Signal receiving system. G. L. Beers. 2,034,647; Mar. 17.
- Signal receiving system, Automatic. P. D. Lowell. 2,056,200; Oct. 6.
- Signal relay system. A. P. J. Boudreau. 2,060,549; Nov. 10.
- Signal system, Block. W. H. Arkenburgh. 2,030,675; Feb. 11.
- Signal system block. C. G. Suits. 2,030,662; Feb. 11.
- Signal system, Fire detecting. G. Bamonte. 2,058,288; Oct. 20.
- Signal system for elevators. H. W. Williams and W. F. Eames. 2,042,201; May 26.
- Signal system for motor vehicles, Flashing. H. F. Theilacker. 2,030,664; Feb. 11.
- Signal system for radiotelephones. E. R. Taylor, C. C. Taylor, and P. W. Wadsworth. 2,064,958; Dec. 22.
- Signal system for toy railroad trains. L. Marx. 2,064,311; Dec. 15.
- Signal system, Police. G. F. C. Bauer. 2,057,656; Oct. 20.
- Signal system, Protective. K. L. Hayden. 2,040,309; May 12.
- Signal system, Rail vehicle. M. T. Wintsch. 2,059,161; Oct. 27.
- Signal system, Traffic actuated. H. A. Haugh, Jr., C. D. Geer, and E. D. Stirlen. 2,045,136; June 23.
- Signal translating and modulating system. H. A. Wheeler. 2,042,571; June 2.
- Signal valve device. E. E. Hewitt. 2,028,605; Jan. 21.
- Signaling. J. L. Callahan. 2,056,000; Sept. 29.
- Signaling. H. O. Roosenstein. 2,031,072; Feb. 18.
- Signaling. H. O. Roosenstein and W. Runge. 2,065,826; Dec. 29.
- Signaling and indicating means, Electrical. J. Stepham. 2,054,955; Sept. 22.
- Signaling apparatus. J. R. Moore. 2,039,920; May 5.
- Signaling apparatus. J. J. VanHorn. 2,027,251; Jan. 7.
- Signaling apparatus, Railway. C. R. Beall. 2,055,811; Sept. 29.
- Signaling apparatus, Railway. P. H. Crago. 2,053,897; Sept. 8.
- Signaling apparatus, Railway. P. H. Crago. 2,056,712; Oct. 6.
- Signaling apparatus, Railway. T. J. O'Meara. 2,032,810; Mar. 3.
- Signaling device. M. C. Armstrong. 2,030,733; Feb. 11.
- Signaling device. J. F. Collins. 2,048,997; July 28.
- Signaling device. H. P. Gage. 2,052,224; Aug. 25.
- Signaling device. P. Hermanspann. 2,042,939; June 2.
- Signaling device. J. G. McComb. 2,054,508; Sept. 15.
- Signaling device. J. R. Power. 2,046,698; July 7.
- Signaling device. C. R. Weinert. 2,065,635; Dec. 29.
- Signaling device, Electric. A. J. Gerhart. 2,032,841; Mar. 3.
- Signaling device for automobiles. R. C. Cale. 2,052,080; Aug. 25.
- Signaling device for motor vehicles. H. O. Smith. 2,060,831; Nov. 17.
- Signaling device for power-vehicles. H. Gossler. 2,034,616; Mar. 17.
- Signaling device, Nautical. R. J. Kamdron and G. A. Stavrakov. 2,046,635; July 7.
- Signaling device, Selective. E. M. Rickard. 2,029,636; Feb. 4.
- Signaling device, Vehicle. J. A. Heans. 2,044,300; June 16.
- Signaling means. G. Muffy. 2,066,156; Dec. 29.
- Signaling mechanism, Automatic electric. R. E. Townsend, Jr. 2,043,360; June 9.
- Signaling method and apparatus. L. A. MacColl. 2,056,284; Oct. 6.
- Signaling, Railway. R. R. Kemmerer. 2,062,055; Nov. 24.
- Signaling, Railway. E. E. Parrill and C. H. Lay. 2,034,533; Mar. 17.
- Signaling, Secret. A. H. Turner. 2,026,758; Jan. 7.
- Signaling, Short wave. N. E. Lindenblad. 2,027,919; Jan. 14.
- Signaling, Short wave. N. E. Lindenblad. 2,052,576; Sept. 1.
- Signaling, Submarine. R. D. Fay and H. G. Dorsey. 2,033,135; Mar. 10.
- Signaling system. M. L. Almquist. 2,047,304; July 14.
- Signaling system. E. E. Bier. 2,031,202; Feb. 18.
- Signaling system. F. R. Bridges. 2,056,709; Oct. 6.
- Signaling system. J. O. Carr. 2,057,083; Oct. 13.
- Signaling system. H. P. Clausen. 2,038,647; Apr. 28.
- Signaling system. M. Cottrell. 2,031,465; Feb. 18.
- Signaling system. A. M. Curtis. 2,054,790; Sept. 22.
- Signaling system. R. L. Davis. 2,032,921; Mar. 3.
- Signaling system. C. S. Demarest. 2,047,312; July 14.
- Signaling system. C. S. Demarest. 2,056,346; Oct. 6.
- Signaling system. C. S. Demarest and J. P. Radcliff. 2,056,347; Oct. 6.
- Signaling system. T. L. Dimond. 2,045,450; June 23.
- Signaling system. T. L. Dimond. 2,058,216; Oct. 20.
- Signaling system. W. H. Edwards. 2,061,227; Nov. 17.
- Signaling system. C. W. Faylor. 2,039,639; May 5.
- Signaling system. J. F. Farrington. 2,054,412; Sept. 15.
- Signaling system. P. W. Geyer. 2,065,308; Dec. 22.
- Signaling system. C. R. Gray. 2,033,283; Mar. 10.
- Signaling system. C. W. Hansell. 2,041,830; May 26.
- Signaling system. H. E. Hershey. 2,052,018; Aug. 25.
- Signaling system. H. E. Hershey. 2,056,722; Oct. 6.
- Signaling system. L. H. Johnson and F. K. Low. 2,029,723; Feb. 4.
- Signaling system. R. D. Kell. 2,061,734; Nov. 24.
- Signaling system. R. R. Kemmerer. 2,030,924; Feb. 18.
- Signaling system. A. Leib and H. Scharlau. 2,039,812; May 5.
- Signaling system. M. L. Levy. 2,055,796; Sept. 29.
- Signaling system. A. A. Linsell. 2,063,610; Dec. 8.
- Signaling system. F. K. Low. 2,034,874; Mar. 24.
- Signaling system. F. K. Low. 2,060,229; Nov. 10.
- Signaling system. W. H. Matthies. 2,038,303; Apr. 21.
- Signaling system. E. J. McCarthy. 2,054,827; Sept. 22.
- Signaling system. S. N. Mead. 2,031,970; Feb. 25.
- Signaling system. D. Mitchell. 2,026,696; Jan. 7.
- Signaling system. D. Mitchell. 2,043,417; June 9.
- Signaling system. O. Myers. 2,045,402; June 23.
- Signaling system. T. H. Neely. 2,065,905; Dec. 29.
- Signaling system. H. V. Nye. 2,038,499; Apr. 21.



- Signaling system. F. Preisch. 2,041,147; May 19.  
 Signaling system. H. M. Pruden. 2,064,319; Dec. 15.  
 Signaling system. O. A. Ross. 2,043,493; June 9.  
 Signaling system and apparatus. J. G. Regan. 2,053,110; Sept. 1.  
 Signaling system and apparatus. F. E. Weld. 2,050,404; Aug. 11.  
 Signaling system and circuit controller for use therein. A. B. Campbell and C. F. Beyer. 2,050,039; Aug. 4.  
 Signaling system and mechanism therefor. E. R. Freeberg. 2,057,186; Oct. 13.  
 Signaling system, Carrier wave. A. D. Ring. 2,032,312; Feb. 25.  
 Signaling system, Composite. M. C. Goddard. 2,033,282; Mar. 10.  
 Signaling system, Electric. S. R. Durand. 2,056,423; Oct. 6.  
 Signaling system, Electric propulsion railway. W. H. Reichard. 2,035,405; Mar. 24.  
 Signaling system for automobiles and other vehicles. H. S. Davis. 2,030,246; Feb. 11.  
 Signaling system for railroads. J. Bennett. 2,049,404; July 28.  
 Signaling system for railroads. E. B. Kempster, Jr. 2,042,663; June 2.  
 Signaling system for railroads. W. H. Reichard. 2,049,399; July 28.  
 Signaling system for railroads. B. N. Wight. 2,038,504; Apr. 21.  
 Signaling system, High frequency. H. Nyquist. 2,051,529; Aug. 18.  
 Signaling system, High-frequency. H. A. Wheeler. 2,061,991; Nov. 24.  
 Signaling system, Highway crossing. D. J. McCarthy. 2,027,188; Jan. 7.  
 Signaling system, Multiconductor. C. E. Beach. 2,034,017; Mar. 17.  
 Signaling system, Multiple. W. Brückel. 2,047,900; July 14.  
 Signaling system, Railway. R. A. McCann. 2,057,581; Oct. 13.  
 Signaling system, Railway. D. J. McCarthy. 2,053,775; Sept. 8.  
 Signaling system, Railway. J. S. Miller. 2,037,256; Apr. 14.  
 Signaling system, Railway. J. Rosell. 2,035,407; Mar. 24.  
 Signaling system, Railway. J. E. Willing. 2,038,094; Apr. 21.  
 Signaling system, Railway. H. S. Young and E. M. Allen. 2,063,971; Dec. 15.  
 Signaling system, Remote. A. J. Johnston. 2,042,532; June 2.  
 Signaling system, Selective. R. Bown. 2,040,462; May 12.  
 Signaling system, Selective. H. B. Coxhead. 2,040,471; May 12.  
 Signaling system, Selective. C. S. Demarest. 2,038,649; Apr. 28.  
 Signaling system, Selective. W. H. Edwards and C. W. Halligan. 2,053,605; Sept. 8.  
 Signaling system, Selective. J. C. Field. 2,029,710; Feb. 4.  
 Signaling system, Selective. W. T. Powell. 2,062,822; Dec. 1.  
 Signaling system, Two-way. L. G. Abraham. 2,060,008; Nov. 10.  
 Signaling system, Vehicle. C. P. Sorensen. 2,048,715; July 28.  
 Signaling systems, Apparatus for railway train. P. N. Bossart. 2,038,635; Apr. 28.  
 Signaling with high frequency waves. R. K. Potter. 2,048,080; July 21.  
 Signals and controls for passenger and freight elevators and for other purposes. W. N. Dickinson. 2,030,912; Feb. 18.  
 Signals, Apparatus for the control of highway crossing. B. Lazich. 2,035,169; Mar. 24.  
 Signals, Apparatus for the control of highway crossing. B. Lazich and H. J. Zygmunt. 2,035,170; Mar. 24.  
 Signals, Apparatus for the control of highway crossing. J. A. Parkinson. 2,030,532; Feb. 11.  
 Signals, Apparatus for the control of highway crossing. A. G. Williamson. 2,028,370; Jan. 21.  
 Signals, Apparatus for the control of highway crossing. H. S. Young. 2,052,334; Aug. 25.  
 Signals, Controlling apparatus for highway crossing signals. R. A. McCann and H. S. Young. 2,049,854; Aug. 4.  
 Signals in automatic telephone installations, Apparatus for the registration of. E. Zoller. 2,040,588; May 12.  
 Signals, Method of and means for receiving. J. W. Conklin. 2,036,022; Mar. 31.  
 Signals, Receiving and amplifying electric. J. B. Knight, Jr. 2,026,944; Jan. 7.  
 Signals, Transmission and registration of. E. Zoller and J. Villiger. 2,059,298; Nov. 3.  
 Silencer. J. A. Day. 2,037,884; Apr. 21.  
 Silencer. W. A. Jack, 3d. 2,039,800; May 5.  
 Silencer. W. A. Jack, 3d. 2,041,767; May 26.  
 Silencer. W. A. Jack, 3d. 2,056,608; Oct. 6.  
 Silencer. J. Laubacher. 2,030,008; Feb. 4.  
 Silencer. R. L. Nulty. 2,035,500; Mar. 31.  
 Silencer. S. Oldberg. 2,026,795; Jan. 7.  
 Silencer. S. Oldberg. 2,035,501; Mar. 31.  
 Silencer. S. Oldberg. 2,038,309; Apr. 21.  
 Silencer. R. Ott. 2,030,391; Feb. 11.  
 Silencer for firearms, combustion engines and the like. H. Coanda. 2,046,017; June 30.  
 Silencer for flush valves. J. Freed. 2,028,123; Jan. 14.  
 Silencer for internal combustion engines. G. Bacchetti-Righetti. 2,063,270; Dec. 8.  
 Silencer for internal combustion engines. K. Frey. 2,031,702; Feb. 25.  
 Silencer for internal combustion engines, Exhaust. A. W. Pougher and S. Fitton. 2,033,784; Mar. 10.  
 Silica from glass batches, Preparation of. H. P. Hood. 2,052,227; Aug. 25.  
 Silica on material, Depositing. A. B. Ray. 2,027,931; Jan. 14.  
 Silica refractory articles and making same. R. C. Benner, H. N. Baumann, Jr., and G. J. Easter. 2,047,457; July 14.  
 Silicates other than alkaline earth metal silicates and the production of alloys of aluminum, Reduction of. G. N. Kirsebom. 2,054,427; Sept. 15.  
 Siliceous materials, Treating. G. C. Westby. 2,038,399; Apr. 21.  
 Silicon carbide refractories, Making bonded. R. C. Benner and G. J. Easter. 2,040,236; May 12.  
 Silicon carbide refractory. R. C. Benner, G. J. Easter and A. J. Thompson. 2,041,808; May 26.  
 Silicon carbide resistors, Manufacture of. A. J. Thompson. 2,032,077; Feb. 25.  
 Silicon esters of modified polyhydroxy alcohols. W. E. Lawson. 2,048,799; July 28.  
 Silicon rayon, Producing. R. S. Bley. 2,030,739; Feb. 11.  
 Silk according to the stretch spinning process, Apparatus for spinning cuprammonium. W. Kumichel. 2,046,576; July 7.  
 Silk and by-product recovery therefrom, Manufacture of. A. J. L. Moritz and J. J. Schilthuis. 2,042,016; May 26.  
 Silk and like products, Manufacture of artificial. H. Dreyfus. 2,051,831; Aug. 25.  
 Silk and like products, Production of artificial. R. P. Roberts and E. B. Johnson. 2,027,450; Jan. 14.  
 Silk and other artificial products, Artificial. H. Dreyfus. 2,039,302; May 5.  
 Silk and other artificial products, Manufacture of artificial. H. Dreyfus and W. I. Taylor. 2,045,346; June 23.  
 Silk and silk products, Treating. L. Wallerstein, T. Hawley, and R. A. Gale. 2,029,350; Feb. 4.  
 Silk and the like, Production of artificial. B. Borzykowski. 2,057,324; Oct. 13.  
 Silk, Apparatus for manufacturing artificial. F. W. Mattinson. 2,045,531; June 23.  
 Silk, Apparatus for spinning artificial. H. A. Schrenk. 2,046,930; July 7.  
 Silk, Apparatus for the manufacture of artificial. R. Etzkorn. 2,029,226; Jan. 28.  
 Silk, Apparatus for use in the manufacture of artificial. P. P. Kriek. 2,064,069; Dec. 15.  
 Silk, Artificial. H. L. Barthélemy. 2,060,016; Nov. 10.  
 Silk by the stretch spinning process, Production of artificial. G. Bauriedel and E. Knehe. 2,027,895; Jan. 14.  
 Silk by the stretch spinning process, Production of cuprammonium. W. Ostermann, W. Kumichel, and W. Höfinghoff. 2,046,575; July 7.  
 Silk cakes, Method of and apparatus for drying artificial. F. Paschke, A. Kasman, and L. Fahl. 2,037,483; Apr. 14.  
 Silk cocoons, Reeling-off. B. Loewe. 2,056,611; Oct. 6.  
 Silk, Degumming of. H. C. Olpin and G. H. Ellis. 2,040,949; May 19.  
 Silk, Device for spinning and further treatment of artificial. O. Bochmann. 2,043,921; June 9.  
 Silk, Dyeing of acetate artificial. F. Felix, M. Bommer, and W. Huber. 2,058,433; Oct. 27.  
 Silk, Dyeing of acetate artificial. F. Felix, M. Bommer, and W. Huber. 2,060,186; Nov. 10.  
 Silk fabrics, Mixed cellulose acetate-natural. L. Wallerstein, R. A. Gale, and T. G. Hawley, Jr. 2,029,971; Feb. 4.  
 Silk filaments, Treatment of artificial. A. G. Boubuis. 2,039,279; May 5.  
 Silk, Improving the appearance of. W. T. Reddish. 2,061,211; Nov. 17.  
 Silk, Manufacture and treatment of artificial, and the like. H. Dreyfus. 2,039,306; May 5.  
 Silk, Manufacture of artificial. O. Eisenhut, H. Rein, and E. Kaupp. 2,065,175; Dec. 22.  
 Silk, Manufacture of artificial. P. Esselmann and K. Kösslinger. 2,059,632; Nov. 3.  
 Silk, Manufacture of artificial. P. Esselmann. 2,064,897; Dec. 22.  
 Silk, Manufacture of artificial. G. Hardt. 2,040,606; May 12.  
 Silk, Manufacture of artificial. J. D. W. Hubbeling. 2,044,432; June 16.  
 Silk, Manufacture of artificial. E. Hubert and A. Matthes. 2,042,787; June 2.  
 Silk, Manufacture of artificial. A. J. L. Moritz. 2,064,076; Dec. 15.  
 Silk, Manufacture of artificial. W. Ostermann. 2,051,891; Aug. 25.  
 Silk, Method and apparatus for manufacturing artificial. F. W. Mattison. 2,045,530; June 23.



- Silk, Method and apparatus for the manufacture of artificial. A. Hartmann. 2,040,607; May 12.
- Silk moistener. W. M. Rossiter. 2,062,071; Nov. 24.
- Silk packages, Drying artificial. K. Moog. 2,065,981; Dec. 29.
- Silk, Printing acetate artificial. W. Jaeck and A. Schürch. 2,029,568; Feb. 4.
- Silk, Process and apparatus for the manufacture of artificial. F. Lappe. 2,027,047; Jan. 7.
- Silk, Producing artificial. T. Grauer. 2,053,660; Sept. 8.
- Silk, Producing artificial. A. Hartmann and G. Bauriedel. 2,030,985; Feb. 18.
- Silk, Producing artificial. M. J. Theumann. 2,035,997; Mar. 31.
- Silk, Production of artificial. B. Borzykowski. 2,057,323; Oct. 13.
- Silk screen process printing. N. Louft. 2,052,933; Sept. 1.
- Silk, Spinning artificial. J. Klein, H. Pfannenstiel, and W. Matthaes. 2,044,885; June 23.
- Silk throwing and quill or cop forming process and apparatus. J. P. McHugh. 2,044,621; June 16.
- Silk, Treating animal. G. Heberlein and W. Elsaesser. 2,056,271; Oct. 6.
- Silk, Treatment of artificial. A. E. Sunderland. 2,058,368; Oct. 20.
- Sill, Side. M. P. Blomberg. 2,035,113; Mar. 24.
- Silo. F. F. Rowell. 2,035,764; Mar. 31.
- Silo, Foldable. F. Schaefer. 2,036,363; Apr. 7.
- Silt accumulator. L. C. Lashmet. 2,032,582; Mar. 3.
- Silver alloys. E. F. Kern. 2,052,142-3; Aug. 25.
- Silver and iodine from silver iodide, Obtaining free. J. R. Spies. 2,060,539; Nov. 10.
- Silver base alloy. K. L. Emmert. 2,058,857; Oct. 27.
- Silver contacts, Making. C. B. Gwyn, Jr. 2,049,771; Aug. 4.
- Silver faced slip ring. E. G. Colson. 2,037,457; Apr. 14.
- Silver halide developing emulsions durably free from grey and yellow fogging and of durable quality, Manufacturing photographic. B. Kankelwitz. 2,059,642; Nov. 3.
- Silver halide emulsions, Manufacture of stabilized. J. Brunken. 2,057,764; Oct. 20.
- Silver halide emulsions, Sensitized. W. Schneider. 2,060,383; Nov. 10.
- Silver halide emulsions, Sensitizing. W. Dieterle, R. Walter, and H. Dürr. 2,052,754; Sept. 1.
- Silver-halide emulsions, Sensitizing. W. Dieterle and W. Zeh. 2,051,134; Aug. 18.
- Silver-halide emulsions, Sensitizing photographic. W. Schneider. 2,032,506; Mar. 3.
- Silver iodide, Treating crude. S. B. Heath and M. F. Ohman. 2,035,431; Mar. 24.
- Single cutter die. J. D. Tucker. 2,052,587; Sept. 1.
- Single phase motor. F. J. Lyden. 2,033,200; Mar. 10.
- Single process picker system. R. S. Curley and W. Shaw. 2,057,641; Oct. 13.
- Single sleeve-valve engine, Two-cycle. B. Kahn. 2,055,352; Sept. 22.
- Sink. V. J. Graf. 2,055,378; Sept. 22.
- Sink. P. H. Sterling. 2,026,804; Jan. 7.
- Sink and drain, Combined. E. Swain. 2,035,000; Mar. 24.
- Sink and draining board, particularly for domestic use. O. T. Webber. 2,029,802; Feb. 4.
- Sink and laundry tub. W. C. Groeniger. 2,063,243; Dec. 8.
- Sink attachment. M. J. Rosen. 2,045,965; June 30.
- Sink, Double. W. C. Groeniger. 2,036,692; Apr. 7.
- Sink, draining board, table top and the like, manufactured of metal. O. T. Webber. 2,057,405; Oct. 13.
- Sink flusher. J. D. Moss and H. T. Gittings. 2,050,365; Aug. 11.
- Sink of composite character. E. S. Erickson. 2,062,809; Dec. 1.
- Sink, Shelf-back. V. E. Schmiedeknecht. 2,027,707; Jan. 14.
- Sink structure. R. L. Ottke. 2,028,802; Jan. 28.
- Sink structure, Balanced. R. L. Ottke. 2,028,803; Jan. 28.
- Sink support. A. F. Weirauch. 2,029,089; Jan. 28.
- Sink ware. J. C. Reed, 3d, and C. C. Schott. 2,026,952; Jan. 7.
- Sink, wash basin, and the like. J. Stanitz. 2,045,969; June 30.
- Sinker. J. W. Henley. 2,038,108; Apr. 21.
- Sinker and anchor for fishlines, Combination. O. R. Clark. 2,033,683; Mar. 10.
- Sinker and method for plating and reverse plating. A. E. Page. 2,050,962; Aug. 11.
- Sinker, Fish bait. S. T. and S. N. Edel. 2,065,854; Dec. 29.
- Sinker head for knitting machines. J. K. Cobert. 2,061,299; Nov. 17.
- Sinker reverse plating mechanism. R. H. Lawson. 2,052,777; Sept. 1.
- Sintering machine. C. Skinner. 2,061,333; Nov. 17.
- Sinuses, Treatment of. H. V. Smart. 2,052,321; Aug. 25.
- Siphon apparatus for impregnating liquids with carbonic acid. H. Andvig. 2,051,933; Aug. 25.
- Siphon bottle head. H. J. Scott. 2,038,007; Apr. 21.
- Siphon breaker. F. A. Holby. 2,037,023; Apr. 14.
- Siphon breaker for water closets. R. A. Brooks. 2,034,173; Mar. 17.
- Siphon device. H. Squires. 2,060,432; Nov. 10.
- Siphon head. M. J. Brown. 2,055,466; Sept. 29.
- Siphon head for mineral water bottles. E. J. P. Eugster. 2,037,220; Apr. 14.
- Siphon, Self-starting. T. L. Bissell. 2,036,191; Apr. 7.
- Siphon, Thermic. G. J. Christenson. 2,043,425-7; June 9.
- Siphonic action, Preventing. O. W. Ott. 2,044,443; June 16.
- Siren. H. Ricci. 2,041,431; May 19.
- Sitting device, Construction of a. R. J. Neutra. 2,034,412; Mar. 17.
- 6-bromo-2,4-dinitraniline, Manufacture of. G. Reddellen and H. Ohlendorf. 2,042,630; June 2.
- 6-nitro-2, 3-hydroxynaphthoic acid. A. Zitscher. 2,040,587; May 12.
- Size and making same, Waterproofing. C. R. Burgard. 2,044,056; June 16.
- Size controlling mechanism for boring machines and the like. H. L. Blood. 2,041,898; May 26.
- Size determining mechanism for automatic machines. H. L. Blood. 2,050,261; Aug. 11.
- Size, Dry. J. F. Fredriksson. 2,050,996; Aug. 11.
- Size from textiles of all kinds by means of pancreatic amylase, Removing the. W. Wasmund. 2,051,507; Aug. 18.
- Sizer and cutter, Combination feed. J. L. Selman. 2,063,404; Dec. 8.
- Sizes. D. M. McQueen and W. J. Merrill. 2,047,217; July 14.
- Sizing and grading machine. F. A. Durand. 2,045,573; June 30.
- Sizing composition and making same. M. Engelmann. 2,052,170; Aug. 25.
- Sizing mechanism, Automatic. R. E. W. Harrison and C. W. Hopkins. 2,049,611; Aug. 4.
- Skate. J. Chochkoff. 2,037,964; Apr. 21.
- Skate and attaching means therefor, Roller. F. T. Hede-lund. 2,044,211; June 16.
- Skate, Combination roller and ice. B. B. Kosanovich. 2,035,897; Mar. 31.
- Skate, Roller. F. A. Bentzlin. 2,048,916; July 28.
- Skate, Roller. G. N. Edwards. 2,039,153; Apr. 28.
- Skate, Roller. D. Kees. 2,060,578; Nov. 10.
- Skate, Roller. L. Marx. 2,058,164; Oct. 20.
- Skate, Roller. E. J. Pardon and A. H. Fritz. 2,051,414; Aug. 18.
- Skate, Roller. E. J. Pardon and A. Fritz. 2,058,820; Oct. 27.
- Skate, Roller. A. F. W. Ruske. 2,029,392; Feb. 4.
- Skate, Roller. E. J. Schmidt. 2,038,005; Apr. 21.
- Skate, Safety roller. F. H. Goosmann. 2,033,334; Mar. 10.
- Skate, Self-propelled roller. C. Stone. 2,061,334; Nov. 17.
- Skate, Siren equipped roller. J. W. K. Heppner. 2,051,000; Aug. 11.
- Skate, Water. F. K. Min. 2,052,240; Aug. 25.
- Skate wheel. J. V. Schavone. 2,064,690; Dec. 15.
- Skate wheel and producing same. L. G. Knapp. 2,032,059; Feb. 25.
- Skate wheel and producing same. L. G. Knapp. 2,034,948; Mar. 24.
- Skate wheel, Rubber tired. C. Smith. 2,038,453; Apr. 21.
- Skating rink, Artificial. E. Murmann. 2,057,906; Oct. 20.
- Skein dyeing, Random. J. A. Webber. 2,043,870; June 9.
- Skein-forming device. J. P. Shorrock. 2,041,214; May 19.
- Skeins, Dyeing of. F. S. Wilcox. 2,055,957; Sept. 29.
- Skeleton structure for railway cars. F. Heyner. 2,040,257; May 12.
- Skeleton vehicle wheel. C. S. Ash. 2,040,541; May 12.
- Ski. N. O. Fosse. 2,065,179; Dec. 22.
- Ski. P. A. Haglund. 2,038,077; Apr. 21.
- Ski. N. F. Tolman. 2,055,757; Sept. 29.
- Ski and making the same, Laminated. R. C. Anderson. 2,038,530; Apr. 28.
- Ski clamp. H. Aubert. 2,042,086; May 26.
- Ski edge protector. E. M. Eriksen. 2,031,150; Feb. 18.
- Ski tie. J. Maus. 2,042,543; June 2.
- Skill radio and recording manipulator. H. L. Grundstein. 2,045,947; June 30.
- Skillet structure, Combination. W. A. Burnette. 2,061,610; Nov. 24.
- Skin, Apparatus for examining the. L. M. Cooper. 2,056,421; Oct. 6.
- Skins from pasty fibrous masses of animal or vegetable origin, Device for producing artificial sausage. O. W. Becker. 2,046,541; July 7.
- Skip loading mechanism. F. H. Goodell and C. W. Ross. 2,031,946; Feb. 25.
- Skip-stop control mechanism. A. M. Johnson. 2,044,076; June 16.
- Skiving apparatus. H. D. Stevens. 2,048,361; July 21.
- Skiving machine. H. A. Davis. 2,041,700; May 26.
- Skiving machine. H. Lyon. 2,044,089; June 16.
- Skiving machine. C. C. Roe. 2,058,356; Oct. 20.
- Skiving machine. M. H. Roske. 2,041,701; May 26.
- Skiving machine. E. A. Williams and A. F. Berger. 2,030,950; Feb. 18.
- Skylight glasses and the like, Supporting. G. H. Lenke. 2,031,896; Feb. 25.
- Skylight or floorlight construction. J. M. Richards. 2,030,718; Feb. 11.
- Skvwriting apparatus. G. H. Morey. 2,045,865; June 30.
- Slab. Fabricated. W. Dalton. 2,053,135; Sept. 1.
- Slab filler. F. T. Krein. 2,027,830; Jan. 14.



- Slab, Monolithic, metallic-reinforced. O. Schnurer. 2,046,213; June 30.
- Slabs, blocks, or tiles, Manufacture of composite. E. R. Harrap. 2,047,584; July 14.
- Slack adjuster. C. C. Farmer and J. E. Redford. 2,065,215; Dec. 22.
- Slack adjuster, Automatic. B. H. Browall. 2,062,497; Dec. 1.
- Slack adjuster, Automatic. H. Gallusser. 2,031,704; Feb. 25.
- Slack adjuster, Automatic. A. B. Schultz. 2,055,182; Sept. 22.
- Slag articles, Manufacture of cast. T. Bartholomew. 2,044,198; June 16.
- Slag, Method and apparatus for handling. R. N. Wilson. 2,031,352; Feb. 18.
- Slag or melt into a highly porous mass of the character of pumice, Apparatus for blowing up liquid. C. H. Schol. 2,044,450; June 16.
- Slag, Treatment of. T. Bartholomew. 2,044,199; June 16.
- Slasher, Method and apparatus for setting up a. K. B. Cook. 2,036,744; Apr. 7.
- Slashing machine. W. C. Baxter. 2,044,870; June 23.
- Slat for Venetian blinds. M. W. Howard. 2,053,220; Sept. 1.
- Slat for Venetian blinds. G. W. Kirsch. 2,033,834; Mar. 10.
- Sled. W. E. Kidder. 2,037,076; Apr. 14.
- Sled. R. A. Klatt. 2,034,984; Mar. 24.
- Sled. H. L. VanDoren and J. G. Rideout. 2,041,982; May 26.
- Sled. L. W. Wargo. 2,062,953; Dec. 1.
- Sled structure. C. J. Haglund. 2,058,866; Oct. 27.
- Sleep inhibitor. L. P. Patterson. 2,054,484; Sept. 15.
- Sleepers, Production of iron. C. Wallmann, J. Grossweischede, and B. Kruse. 2,061,861; Nov. 24.
- Sleeping bag. D. S. Hollander. 2,036,175; Mar. 31.
- Sleeping cover. E. J. Echlin. 2,037,216; Apr. 14.
- Sleet and ice on windshields, Device for melting. H. E. French. 2,059,224; Nov. 3.
- Sleet and mist eliminating device for windshields. E. W. Shackford and A. W. Ingalls. 2,064,498; Dec. 15.
- Sleeve for children, Protective. B. Moller. 2,059,136; Oct. 27.
- Sleeve former. C. C. Jackson. 2,039,596; May 5.
- Sleeve holder. J. B. Masse. 2,032,292; Feb. 25.
- Sleeve-like bodies, Apparatus for casting. T. A. Moormann. 2,042,015; May 26.
- Sleeve-type valve, Self-seating. C. H. Angell. 2,037,873; Apr. 21.
- Sleeving, Impregnated. W. H. Pearce. 2,034,352; Mar. 17.
- Sleigh, Motor. J. W. Roberts. 2,029,196; Jan. 28.
- Slicer, Meat. J. Folk. 2,043,850; June 9.
- Slicer, Meat. T. H. Strachan and W. H. Fryer. 2,037,283; Apr. 14.
- Slicer, Potato. J. Raymaley. 2,054,231; Sept. 15.
- Slicer, Roll and bun. H. J. Criner. 2,062,353; Dec. 1.
- Slicer, shredder and dicer, Combined. M. W. McArdle and I. Jeppsson. 2,026,691; Jan. 7.
- Slicing and packing machine. C. T. Walter. 2,038,864; Apr. 28.
- Slicing and traying machine, Baked-loaf. A. B. Tewes. 2,062,844; Dec. 1.
- Slicing device for vegetables and the like. N. M. H. Blumenkranz and T. Fioisle. 2,058,765; Oct. 27.
- Slicing device. M. Johnson. 2,043,175; June 2.
- Slicing machine. W. Bellinghausen. 2,036,012; Mar. 31.
- Slicing machine. M. Brustowsky. 2,035,259; Mar. 24.
- Slicing machine. W. J. Campbell. 2,030,196-7; Feb. 11.
- Slicing machine. T. W. Creech. 2,060,460; Nov. 10.
- Slicing machine. J. Folk. 2,055,818; Sept. 29.
- Slicing machine. J. Folk. 2,065,572; Dec. 29.
- Slicing machine. C. Littlefield. 2,044,910; June 23.
- Slicing machine. V. Powers. 2,035,339; Mar. 24.
- Slicing machine. O. F. Rohwedder. 2,034,250; Mar. 17.
- Slicing machine. A. Sears. 2,049,519; Aug. 4.
- Slicing machine. P. Sivertsen. 2,058,519; Oct. 27.
- Slicing machine. C. L. Straeten. 2,038,770; Apr. 28.
- Slicing machine. E. G. Streckfuss. 2,065,352; Dec. 22.
- Slicing machine. E. C. Vollmer. 2,062,847; Dec. 1.
- Slicing machine. C. T. Walter. 2,036,001; Mar. 31.
- Slicing machine. C. T. Walter. 2,043,361; June 9.
- Slicing machine. C. T. Walter. 2,047,399-400; July 14.
- Slicing machine. H. H. Yerk and W. C. Palmer. 2,044,826; June 23.
- Slicing machine and stringer. J. L. Taylor. 2,051,352; Aug. 18.
- Slicing machine attachment. C. L. Straeten. 2,060,540; Nov. 10.
- Slicing machine construction. J. Folk. 2,050,786; Aug. 11.
- Slicing machine for buns, rolls, and the like. D. K. Haralson and C. H. McMillan. 2,046,681; July 7.
- Slicing mechanism. J. Folk. 2,065,129; Dec. 22.
- Slicking machine. W. C. Wright. 2,034,454; Mar. 17.
- Slidable clip. C. C. Harris. 2,039,410; May 5.
- Slide. C. E. Anderson. 2,036,671; Apr. 7.
- Slide. C. E. Anderson. 2,037,558; Apr. 14.
- Slide bearing. S. J. Harley. 2,045,464; June 23.
- Slide bearing. S. J. Harley. 2,047,868; July 14.
- Slide clamp. J. C. Carlton. 2,049,891; Aug. 4.
- Slide fastener. E. S. Blanchard. 2,044,662; June 16.
- Slide fastener. G. H. C. Corner. 2,047,925; July 14.
- Slide fastener. G. H. Cuttler. 2,048,646; July 21.
- Slide fastener. R. E. De Vore. 2,056,172; Oct. 6.
- Slide fastener. R. C. Legat. 2,054,880; Sept. 22.
- Slide fastener. S. H. Norton. 2,061,681; Nov. 24.
- Slide fastener. S. H. Norton. 2,063,879; Dec. 8.
- Slide fastener. W. J. Reuter. 2,041,149; May 19.
- Slide fastener. G. Sundback. 2,061,682; Nov. 24.
- Slide for type casting machines, Border. A. M. Schank. 2,054,952; Sept. 22.
- Slide holder. H. F. Brubach. 2,058,128; Oct. 20.
- Slide operated fastener. J. Waldes. 2,045,504; June 23.
- Slide projector, Automatic. F. Brunish. 2,037,963; Apr. 21.
- Slide rest, Universal automatic. F. C. Blanchard. 2,065,933; Dec. 29.
- Slideway for machine tool elements. J. R. Johnson. 2,049,394; July 28.
- Slide-wire unit for potentiometers. O. H. Hunt. 2,055,766; Sept. 29.
- Slider. G. Sundback. 2,065,250; Dec. 22.
- Slider for fasteners. E. J. Conlin. 2,053,463; Sept. 8.
- Slider for fasteners. R. C. Legat. 2,062,791; Dec. 1.
- Slider for fasteners. G. E. Prentice. 2,042,325; May 26.
- Slider for fasteners. G. Wintritz. 2,057,126; Oct. 13.
- Slider for slide fasteners. D. B. Gilmore. 2,027,327; Jan. 7.
- Slider for slide fasteners. G. Sundback. 2,027,326; Jan. 7.
- Slider for slide fasteners. G. Sundback. 2,066,061; Dec. 29.
- Slider for slide fasteners and making same. D. B. Gilmore. 2,048,650; July 21.
- Sliders, Making. G. Dahlin. 2,051,548; Aug. 18.
- Sliding bed press. J. P. Singiser. 2,045,375; June 23.
- Sliding fastener. S. Quisling. 2,051,574; Aug. 18.
- Sliding panel lock. P. W. Olson. 2,049,860; Aug. 4.
- Sliding surface or guide for rollers or balls in machine parts. C. Olivetti. 2,050,960; Aug. 11.
- Slime and sand suspensions, Apparatus and process for separating. J. M. Patek. 2,047,798; July 14.
- Slime-crushing machine. W. Miller, C. R. Vann, and F. G. Smersal. 2,035,332; Mar. 24.
- Slime growth in paper making processes, Preventing. P. Drewsen. 2,046,614; July 7.
- Sling, Hoisting. C. H. Jolly. 2,063,040; Dec. 8.
- Sling, Lifting. F. K. Fildes. 2,047,138-41; July 7.
- Sling, Lifting. L. M. Showers, Jr. 2,048,144; July 21.
- Slip. L. F. Baash. 2,063,361; Dec. 8.
- Slip. W. L. Church. 2,030,499; Feb. 11.
- Slip. M. C. Hennessy. 2,059,865; Nov. 3.
- Slip. G. E. McLagan. 2,061,771-2; Nov. 24.
- Slip. V. L. Sussberg. 2,062,150; Nov. 24.
- Slip. A. M. Thomas. 2,056,025; Sept. 29.
- Slip coupling. J. McClelland. 2,034,702; Mar. 24.
- Slip elevator. F. J. Young. 2,048,209; July 21.
- Slip, Lady's. R. D'Amato. 2,053,865; Sept. 8.
- Slip rotation for rock drills. A. G. Slatcher. 2,052,427; Aug. 25.
- Slippage reduction pump. C. M. O'Leary. 2,057,584; Oct. 13.
- Slipper. S. Stephens. 2,031,796; Feb. 25.
- Slipper, Bath. K. F. Woerle. 2,041,505; May 19.
- Slipper, Burial. J. W. McCamish. 2,027,547; Jan. 14.
- Slit forming device for recording or reproducing photographic sound records. D. von Mihaly. 2,063,277; Dec. 8.
- Slitting attachment for calenders. H. D. Stevens. 2,034,641; Mar. 17.
- Slivers in combing and like machines used in the preparation of textile fibers for spinning, Drawing-off. P. J. Gillespie. 2,048,444; July 21.
- Slope wave generator. P. T. Farnsworth and H. R. Lubcke. 2,059,219; Nov. 3.
- Slot closer. L. C. Luke. 2,029,882; Feb. 4.
- Slot forming machine. G. Hazelton, C. H. James, and W. I. Bacon. 2,046,454; July 7.
- Slots, Cutting. C. J. Coberly. 2,030,050; Feb. 11.
- Slow break switch. N. C. Schellenger. 2,039,117; Apr. 28.
- Slow closing valve. A. W. Wheaton. 2,046,759; July 7.
- Sludge, Apparatus for drying. L. M. Keoughan. 2,028,395; Jan. 21.
- Sludge digestion and gas storage tank, Combination. H. Bedoes and H. E. Schlenz. 2,050,915; Aug. 11.
- Sludge digestion chamber. M. Prüss. 2,033,006; Mar. 3.
- Sludge discharge collector. M. B. Tark. 2,052,676; Sept. 1.
- Sludge digestion tank. M. Prüss. 2,043,119; June 2.
- Sludge disposal, System for. H. S. Colby and R. F. O'Mara. 2,032,402; Mar. 3.
- Sludge formation in lubricating oils, Prevention of. E. A. Evans. 2,059,567; Nov. 3.
- Sludge handling system. E. W. Montgomery. 2,047,283; July 14.
- Sludge, Method and apparatus for recovery and treatment of. J. G. Thomas. 2,046,756; July 7.
- Sludge removing apparatus. S. Shafer, Jr. 2,028,094; Jan. 14.
- Sludge system and apparatus for sewage treatment, Activated. J. B. Sperry. 2,048,640; July 21.
- Sludge, Treatment of blackstrap. J. L. Oberseider and P. L. Robison. 2,060,108; Nov. 10.
- Sludges or slimes containing selenium and tellurium, Treating refinery. O. C. Martin and C. W. Clark. 2,039,256; Apr. 28.



- Sludges treatment. S. R. Funsten. 2,038,559; Apr. 28.  
 Slug and slug feeding apparatus. O. H. Goetz. 2,038,837; Apr. 28.  
 Slug casting machine. H. A. Burt. 2,038,714; Apr. 28.  
 Slug casting machine. H. R. Freund. 2,053,240; Sept. 1.  
 Slug casting machine. J. H. Hilpman. 2,061,872; Nov. 24.  
 Slug casting machine. G. P. Kingsbury. 2,035,076-8; Mar. 24.  
 Slug casting machine. G. P. Kingsbury. 2,043,755; June 9.  
 Slug casting machine. E. G. Klingberg and D. L. Anderson. 2,046,301; June 30.  
 Slug casting machine. L. E. Morrison. 2,038,750; Apr. 28.  
 Slug casting machine. W. L. Petersen. 2,056,074; Sept. 29.  
 Slug casting machine. A. J. Stouges. 2,029,952; Feb. 4.  
 2,031,352; Feb. 18.  
 Slug casting machine. A. J. Stouges. 2,065,159; Dec. 22.  
 Slug casting machine, Typographical. C. A. Albrecht. 2,051,805; Aug. 25.  
 Slug casting machine, Typographical. C. A. Albrecht. 2,055,644; Sept. 29.  
 Slug casting machine, Typographical. W. F. Gorse and R. H. Scott. 2,031,366; Feb. 18.  
 Slug ejecting mechanism of typographical slug casting machines. C. A. Albrecht. 2,035,444; Mar. 31.  
 Slug ejecting mechanism of typographical slug casting machines. C. A. Albrecht. 2,062,169; Nov. 24.  
 Slug casting mold. A. G. Stevenson. 2,036,893; Apr. 7.  
 Slug casting mold. A. J. Stouges. 2,048,664; July 21.  
 Slug ejector for coin operated machines. C. Weber. 2,050,678; Aug. 11.  
 Slug eliminator for coin-operated mechanisms. R. J. Hall. 2,034,431; Mar. 17.  
 Slug rejector. C. M. Pierce. 2,064,686; Dec. 15.  
 Slug-shooting attachment for machine guns. H. Aigner. 2,061,341; Nov. 17.  
 Slugs, Method and apparatus for trimming. C. W. and T. C. Curle. 2,056,566; Oct. 6.  
 Slugs of extruded material, Apparatus for producing. H. J. Pleines. 2,063,119; Dec. 8.  
 Slugs, Production of typographical. C. A. Albrecht. 2,055,643; Sept. 29.  
 Sluice gate. F. W. Peilert. 2,035,833; Mar. 31.  
 Sluice gate. E. B. Phillips. 2,061,169; Nov. 17.  
 Sluice rack cleaner. R. and H. A. Schlapak. 2,033,653; Mar. 10.  
 Small-arms. L. V. S. Blacker. 2,055,168; Sept. 22.  
 Small electric motor. H. Ruppe. 2,045,729; June 30.  
 Smashboard signal. H. L. Bone. 2,053,893; Sept. 8.  
 Smelter. G. A. LaVoie. 2,032,706; Mar. 3.  
 Smelting furnace. P. L. C. Blanchard, M. H. V. Delot, and R. A. Pigal. 2,053,652; Sept. 8.  
 Smoke and dust absorbing apparatus. S. Magaton. 2,040,700; May 12.  
 Smoke detector, Selective. H. C. Grant, Jr. 2,033,466; Mar. 10.  
 Smoke eliminating apparatus. J. Garvie. 2,050,653; Aug. 11.  
 Smoke indicator. T. W. and F. McNeill. 2,040,265; May 12.  
 Smoke preventer, Automatic. R. Mille. 2,030,017; Feb. 4.  
 Smoker. W. W. Bernard. 2,035,782-3; Mar. 31.  
 Smoker liner means. J. M. Denney. 2,046,773; July 7.  
 Smoker's outfit. E. A. Rinkhoff. 2,037,045; Apr. 14.  
 Smoker's pipe. D. Ikeda. 2,045,779; June 30.  
 Smoker's pipe. E. H. Schwarz. 2,065,755; Dec. 29.  
 Smoking material, especially cigarettes, Device for carrying. C. Simon. 2,052,849; Sept. 1.  
 Smoking, Method and apparatus for. J. Z. Dalinda. 2,051,030; Aug. 18.  
 Smoking pipe. A. B. Modine. 2,040,704; May 12.  
 Smoking stand. W. J. Campbell. 2,063,581; Dec. 8.  
 Smoking stand. A. M. Ray. 2,029,192; Jan. 28.  
 Smoking stand. E. Schultz. 2,029,342; Feb. 4.  
 Snake handle. J. S. Hermanson. 2,044,848; June 23.  
 Snap acting device. A. J. Mottlau. 2,041,775; May 26.  
 Snap cap closure. J. Leffert. 2,037,172; Apr. 14.  
 Snap clamp for lathe chucks. M. H. Oslind. 2,045,487; June 23.  
 Snap fastener member and installation. A. J. Smith. 2,035,200; Mar. 24.  
 Snap fastener stud. W. I. Jones. 2,051,407; Aug. 18.  
 Snap fastener stud, Separable. W. I. Jones. 2,058,320; Oct. 20.  
 Snap hook. J. O. Hale and K. J. Hall. 2,037,783; Apr. 21.  
 Snap switch. C. J. Hathorn. 2,057,829; Oct. 20.  
 Snap switch. N. C. Schellenger. 2,054,139; Sept. 15.  
 Snap tape. N. I. Fleischer. 2,043,321; June 9.  
 Snap valve. F. A. Gauger. 2,032,053; Feb. 25.  
 Snap valve coupling. C. O. Wilson. 2,034,933; Mar. 24.  
 Snatch block. W. J. Lee. 2,027,279; Jan. 7.  
 Snifter. Bottle filler. J. Kantor. 2,064,378; Dec. 15.  
 Snow plow. F. V. Lestina. 2,066,207; Dec. 29.  
 Snow remover. W. E. Girard. 2,055,840; Sept. 29.  
 Snow removing apparatus. E. G. Lloyd. 2,032,487; Mar. 3.  
 Snubber. E. G. Goodwin. 2,053,991; Sept. 8.  
 Soap. P. Küller. 2,048,797; July 28.  
 Soap. A. J. Lorenz. 2,060,228; Nov. 10.  
 Soap and making same, Spray dried. C. Ellis. 2,046,449; July 7.  
 Soap, Apparatus for manufacturing a fibrous. M. Igarashi and T. Hatta. 2,043,378; June 9.  
 Soap bubble pipe. G. A. Mausolf. 2,041,423; May 19.  
 Soap chip dispenser. G. W. Ward. 2,041,887; May 26.  
 Soap, Complex phenolic. H. A. Bruson. 2,036,916; Apr. 7.  
 Soap composition. J. B. Lewis and J. C. Bird. 2,066,208; Dec. 29.  
 Soap compositions. J. Leben. 2,055,581; Sept. 29.  
 Soap converter, Liquid. A. L. Bobrick. 2,032,524; Mar. 3.  
 Soap cream. R. H. Ferguson. 2,047,320; July 14.  
 Soap cutter. C. T. Walter. 2,043,684; June 9.  
 Soap ejecting spray head. M. M. Hennessy. 2,028,214; Jan. 21.  
 Soap ejecting spray head. F. E. Pearl. 2,028,242; Jan. 21.  
 Soap forming compounds and making same. H. A. Bruson. 2,033,092; Mar. 3.  
 Soap having a definite water content, Producing. B. Clayton. 2,037,006; Apr. 14.  
 Soap holder. F. G. Enssle. 2,036,204; Apr. 7.  
 Soap, Hydrogenated naphtha. C. Ellis. 2,058,781; Oct. 27.  
 Soap lather dispenser. M. C. Ray. 2,055,556; Sept. 29.  
 Soap, Making tube. C. T. Walter. 2,043,685; June 9.  
 Soap mixing device, Liquid. E. J. McGrael. 2,039,275; Apr. 28.  
 Soap, Packaging molten. R. H. Potts. 2,031,853; Feb. 25.  
 Soap powder dispenser. W. Lemoine. 2,038,371; Apr. 21.  
 Soap preparation. H. Bertsch. 2,026,816; Jan. 6.  
 Soap preparation. W. Kling. 2,061,468; Nov. 17.  
 Soap, Process of and apparatus for making bar. W. A. Hut-ton. 2,057,192; Oct. 13.  
 Soap pulverizer and dispenser. A. K. Burditt. 2,029,701; Feb. 4.  
 Soap, Purifying mahogany. M. H. Arveson. 2,059,838; Nov. 3.  
 Soap receptacle. J. L. Fine. 2,065,799; Dec. 29.  
 Soap, Rubber coated cake of. J. P. Kane. 2,042,104; May 26.  
 Soap stabilizer. R. M. Reed. 2,029,506; Feb. 4.  
 Soap, Stabilizing. E. C. Crocker and L. F. Henderson. 2,040,430; May 12.  
 Soap to be used for advertising purposes. J. A. Watt. 2,051,625; Aug. 18.  
 Soaping, scrubbing, and spraying device, Combined. W. H. Zimbalist. 2,060,271; Nov. 10.  
 Soaps and products thereof, Preparing improved. S. C. Fulton and H. G. Vesterdal. 2,049,055; July 28.  
 Soaps from asphaltic still bottoms and purifying the same, Removing. H. T. Terrell, E. M. Hughes and P. L. Carter. 2,056,913; Oct. 6.  
 Soaps, Manufacturing. W. Schrauth. 2,027,936; Jan. 14.  
 Soaps, Preventing the detrimental formation of lime and magnesia. H. Bertsch. 2,046,242; June 30.  
 Soaps, Working up of. O. Neiss. 2,033,732; Mar. 10.  
 Sock and stocking. J. Crane. 2,034,897; Mar. 24.  
 Sock lining for shoes. C. Tweedie. 2,027,072; Jan. 7.  
 Socket. A. J. Fischer. 2,032,979; Mar. 3.  
 Socket. M. B. Grout. 2,056,268; Oct. 6.  
 Socket and support-holder, Christmas tree electric. A. Abramson. 2,057,078; Oct. 13.  
 Socket, Caster. E. A. Brokaw and W. H. Noelting. 2,052,538; Aug. 25.  
 Socket, Continuous electrical wall. J. O. James. 2,041,344; May 19.  
 Socket device. A. Ploger. 2,028,010; Jan. 14.  
 Socket, Electric. V. L. Vendope. 2,043,499; June 9.  
 Socket, Electric. J. Weritz. 2,053,589; Sept. 8.  
 Socket, Electric lamp. J. Figueira. 2,058,009; Oct. 20.  
 Socket, Electric light. H. J. Dunbar, Jr. 2,053,899; Sept. 8.  
 Socket, Electric pull. H. Hubbell, Jr. 2,051,857; Aug. 25.  
 Socket for cove silvay lamps. A. F. Fow. 2,037,653; Apr. 14.  
 Socket for elongated incandescent lamps, Mounting. J. A. Coy. 2,038,270; Apr. 21.  
 Socket for plug fuses. J. V. Cunningham. 2,037,120; Apr. 14.  
 Socket for shoe cleats, Attaching. H. D. Driscoll. 2,059,779; Nov. 3.  
 Socket for spark plugs, Protecting. R. L. Metailler. 2,057,390; Oct. 13.  
 Socket forgings, Extruding. W. W. Criley. 2,054,244; Sept. 15.  
 Socket holder, Christmas tree lamp. G. Storaasli. 2,036,655; Apr. 7.  
 Socket, Indicating wall. C. M. Petersen. 2,045,199; June 23.  
 Socket, Lamp. G. A. Johnson. 2,045,915; June 30.  
 Socket, Lamp. G. A. Johnson. 2,047,563; July 14.  
 Socket, Miniature tube. A. J. Franke. 2,033,765; Mar. 10.  
 Socket plug. A. E. Grant and S. W. Vanderbeek. 2,043,851; June 9.  
 Socket plug, Electric. F. E. Gueffroy. 2,051,702; Aug. 18.  
 Socket, Radio tube. J. F. Anderson. 2,028,035; Jan. 14.  
 Socket, Radio tube. J. M. Bowman. 2,035,295; Mar. 24.  
 Socket, Radio tube. A. W. Franklin. 2,063,731; Dec. 8.  
 Socket, Radio tube. R. L. Triplett. 2,033,405; Mar. 10.  
 Socket, Releasing rope. C. H. Sweet. 2,060,403; Nov. 10.  
 Socket, Separable electric. J. A. McKay. 2,041,425; May 19.  
 Socket, Series lamp. J. F. Morton. 2,050,364; Aug. 11.



- Socket, Slide fastener. G. Johnson. 2,061,466; Nov. 17.  
 Socket, Tube. B. Hensel, K. Hess, and J. Richter. 2,030,254; Feb. 11.  
 Socket, Tube. D. R. De Tar. 2,057,090; Oct. 13.  
 Socket, Vacuum tube. M. Alden. 2,036,384; Apr. 7.  
 Socket, Vacuum tube. M. Alden. 2,039,871; May 5.  
 Sockets, Making electric. J. R. Neill. 2,033,643; Mar. 10.  
 Sockets, Making weatherproof. C. Bateholts. 2,040,235; May 12.  
 Sockets, Making wrench. N. F. McNaught. 2,027,922; Jan. 14.  
 Sod cutter. W. O. Winston and J. C. Griffith. 2,034,016; Mar. 17.  
 Sod cutting machine. W. O. Winston and J. C. Griffith. 2,051,977; Aug. 25.  
 Soda lye, poor in sodium chloride, and of Glauber salt, Joint production of a. K. Staib and H. Heres. 2,034,999; Mar. 24.  
 Soda, Manufacture of caustic. H. K. Moore. 2,031,844; Feb. 25.  
 Soda, Purification of caustic. H. G. Elledge and A. Hirsch. 2,030,694; Feb. 11.  
 Soda solutions, Purification of caustic. R. E. Vander Cook and A. M. Lawson. 2,028,898; Jan. 28.  
 Soda solutions, Purifying concentrated caustic. E. Sweetland and R. E. Vander Cook. 2,040,717; May 12.  
 Sodium aluminate. D. Lurie. 2,066,209; Dec. 29.  
 Sodium aluminate, Making. O. A. Olsen. 2,052,486; Aug. 25.  
 Sodium aluminum sulphate, Improved method in the manufacture of. A. H. Fiske and C. S. Bryan. 2,055,283; Sept. 22.  
 Sodium aluminum sulphate, Producing. A. H. Fiske and C. S. Bryan. 2,055,284; Sept. 22.  
 Sodium and zinc sulphides, Making. T. A. Mitchell and R. L. Sessions. 2,030,887; Feb. 18.  
 Sodium carbonate monohydrate, Apparatus for the manufacture of. W. H. Allen, W. A. Gale and C. F. Ritchie. 2,035,441; Mar. 31.  
 Sodium carbonate salts, Making. H. Frasch. 2,042,709; June 2.  
 Sodium cyanide, Manufacture of. E. C. Moffett. 2,052,417-8; Aug. 25.  
 Sodium formaldehyde sulfoxylate and preparing the same, Stable. L. Freedman. 2,046,507; July 7.  
 Sodium glutamate, Preparing. G. S. Kumagai. 2,050,491; Aug. 11.  
 Sodium lamp. J. W. Marden and G. Meister. 2,046,475; July 7.  
 Sodium metaphosphate, Purification of. C. S. Bryan. 2,055,332; Sept. 22.  
 Sodium morrhuate and quinine solution, Mixture of and method of admixing. F. R. Greenbaum. 2,037,196; Apr. 14.  
 Sodium N-methyl-C, C-allyl-isopropyl barbiturate in a stable, dry state, readily soluble in water, Manufacture of. O. Schnider. 2,056,892; Oct. 6.  
 Sodium nitrite, Production of. J. W. Hayes and H. C. Britton. 2,032,699; Mar. 3.  
 Sodium perborate, Direct process for making. J. S. Reichert. 2,065,744; Dec. 29.  
 Sodium perborate, Effervescent. P. Fleischman. 2,035,267; Mar. 24.  
 Sodium phosphates, Making. J. H. Coleman. 2,062,866; Dec. 1.  
 Sodium sesquicarbonate from bicarbonate, Manufacture of. G. L. Cunningham, R. B. MacMullin, and H. L. Robson. 2,038,025; Apr. 21.  
 Sodium sesquicarbonate to sodium carbonate decahydrate, Conversion of. G. L. Cunningham. 2,049,249; July 28.  
 Sodium sulphate, Manufacture of anhydrous. G. L. Cunningham. 2,053,066; Sept. 1.  
 Sodium with hydrocarbons, Reactions of. N. D. Scott. 2,054,303; Sept. 15.  
 Sofa and bed, Convertible. M. Fox. 2,038,832; Apr. 28.  
 Sofa and bed, Convertible studio. M. Fox. 2,034,465; Mar. 17.  
 Soft rubber plug, One piece. C. P. Berolzheimer. 2,055,062; Sept. 22.  
 Softener, Putty. G. McKittrick. 2,062,230; Nov. 24.  
 Softening agent. E. Gliltenberg. 2,047,066; July 7.  
 Soil conditioner. C. Peter. 2,059,599-600; Nov. 3.  
 Soil disrupter. C. S. Van Sickle. 2,053,504; Sept. 8.  
 Soil moving machine. E. V. Collins. 2,063,584; Dec. 8.  
 Soil pasteurization, Apparatus and process for. W. C. Krueger. 2,036,416; Apr. 7.  
 Soils, Solidifying. J. van Hulst. 2,051,505; Aug. 18.  
 Solar heater. H. Hodgson. 2,0634,345; Dec. 15.  
 Solar water heater. H. M. Carruthers. 2,065,653; Dec. 29.  
 Solder, Aluminum. B. Pace. 2,035,566; Mar. 31.  
 Solder, Aluminum. F. Strasser. 2,059,497; Nov. 3.  
 Solder and making same, Self-fluxing. S. L. Palmer and L. M. Beckes. 2,055,878; Sept. 29.  
 Solder for aluminum. R. B. Derr and C. C. Callis. 2,044,671; June 16.  
 Solder for aluminum and soldering. C. L. Barber and F. C. Ripley. 2,052,740; Sept. 1.  
 Solder package. E. V. Halligan. 2,047,264; July 14.  
 Soldering and sealing machine, Automatic. P. E. Cate. 2,059,931; Nov. 3.  
 Soldering compound and making the same. A. S. Berry. 2,033,102; Mar. 3.  
 Soldering flux. W. K. Schweitzer. 2,031,909; Feb. 25.  
 Soldering implement for use in assembling orthodontic devices. R. E. Irish. 2,032,936; Mar. 3.  
 Soldering Iron, Electric. C. C. Abbott. 2,064,645; Dec. 15.  
 Soldering Iron, Electric. R. C. Persons. 2,041,018; May 18.  
 Soldering Iron, Electric. A. O. Samuels. 2,062,940; Dec. 1.  
 Soldering machine, Automatic. P. E. Cate. 2,038,525; Apr. 28.  
 Soldering tool. A. Beleson. 2,036,169; Mar. 31.  
 Solderless wire connector. R. A. Becker, Sr., and S. P. Becker. 2,032,394; Mar. 3.  
 Sole. C. Watanabe. 2,038,972; Apr. 28.  
 Sole-affixing machine. W. C. Card, Jr. 2,059,847; Nov. 3.  
 Sole and heel structure. L. Grover. 2,065,856; Dec. 29.  
 Sole attaching apparatus. J. T. Lancaster. 2,031,491; Feb. 18.  
 Sole channeling and stitching machine, Leather. H. Corral and J. Heggie. 2,049,408; July 28.  
 Sole channels, Treating. J. B. Hadaway. 2,028,831; Jan. 28.  
 Sole, Cushioned inner. A. Dvlnsky. 2,034,463; Mar. 17.  
 Sole edges of rubber-soled shoes, Method of and apparatus for operating on the. F. D. Kinney. 2,029,533; Feb. 4.  
 Sole fitting. W. R. Bolton. 2,046,445; July 7.  
 Sole fitting machine. W. R. Bolton. 2,046,604; July 7.  
 Sole for boots and shoes. L. S. Macdonald and O. N. Johnson. 2,061,539; Nov. 17.  
 Sole for boots and shoes, Outer. M. H. Shulman. 2,052,115; Aug. 25.  
 Sole, Inner. J. V. Poole. 2,052,002; Aug. 25.  
 Sole laying machine. S. J. Finn. 2,060,061; Nov. 10.  
 Sole plates for sadirons, Making. M. W. McArdle and J. W. Lynch. 2,042,953; June 2.  
 Sole, Porous boot or shoe. H. Schulze. 2,030,545; Feb. 11.  
 Sole pressing machine. F. L. Mooney. 2,035,496; Mar. 31.  
 Sole roughing machine. W. C. Card, Jr. 2,046,147; June 30.  
 Sole shaping machine. J. S. Brown. 2,048,595; July 21.  
 Sole trimmer. W. K. Biliades. 2,050,875; Aug. 11.  
 Sole trimming machine. C. L. Flindt. 2,051,333; Aug. 18.  
 Soles, Apparatus for molding. H. Hallam and C. H. James. 2,028,832; Jan. 28.  
 Soles, Apparatus for operating on. L. J. Bazzoni. 2,059,768; Nov. 3.  
 Soles for cement shoes, Preparing. J. W. Johnson. 2,058,460; Oct. 27.  
 Soles for shoes, Manufacture of. G. N. Gordon. 2,057,023; Oct. 13.  
 Soles for shoes, Manufacture of. J. Harrington, Jr. 2,065,692; Dec. 29.  
 Soles, Manufacture of. J. Cavanagh. 2,041,901; May 26.  
 Soles on shoes, Apparatus for vulcanizing rubber. S. J. Finn. 2,045,705; June 30.  
 Soles to shoes, Attaching. M. W. Tetlow. 2,044,029; June 16.  
 Soles to shoes, Attachment of. J. H. Richardson. 2,042,483; June 2.  
 Soles to shoes, Method and machine for attaching. E. E. Winkley. 2,061,690; Nov. 24.  
 Solenoid motor. H. H. Ingersoll. 2,056,674; Oct. 6.  
 Solenoid stop valve. G. Herbster. 2,038,289; Apr. 21.  
 Solenoid valve. R. W. Johnson. 2,041,416; May 19.  
 Solenoid valve. J. W. Wright and E. H. Glinz. 2,037,844; Apr. 21.  
 Solid articles into tubular structures, Method and apparatus for converting. G. A. Cooper. 2,027,152; Jan. 7.  
 Solid matter and products thereof, Producing porous. F. Mik. 2,057,442; Oct. 13.  
 Solid rectifying element. O. Geisler. 2,030,443; Feb. 11.  
 Solid substances, through channels, pipes and the like, Conveying. K. Krekeler. 2,042,428; May 26.  
 Solidified composition. A. F. York. 2,046,101; June 30.  
 Solids by flotation, Separating. E. H. Rose and W. T. MacDonald. 2,040,187; May 12.  
 Solids from fluid suspension, Method of and apparatus for separating. S. C. Lyons. 2,057,156; Oct. 13.  
 Solids from liquids, Apparatus for filtering. D. H. Wells. 2,064,511; Dec. 15.  
 Solids from solutions, Separating substantially anhydrous. C. I. Haney. 2,033,985; Mar. 17.  
 Solids in liquids, Apparatus for disintegrating, dissolving, and mixing. E. Cowles. 2,057,478; Oct. 13.  
 Solids removing apparatus, Settled. E. S. Wlard. 2,033,500; Mar. 10.  
 Solids, Separating. E. W. Hartman. 2,063,926; Dec. 15.  
 Sol for clarifying liquids, Preparation of. C. Q. McW. Campbell. 2,051,983; Aug. 25.  
 Solubility of mixed esters of cellulose and the product resulting therefrom, Changing the. C. J. Malm and C. L. Fletcher. 2,026,583; Jan. 7.  
 Solution loss from liquid systems, Prevention. H. L. Cox. 2,042,830; June 2.  
 Solution making and dispensing apparatus. E. R. McPherson. 2,058,901; Oct. 27.  
 Solutions, Apparatus for producing. G. Haglund. 2,047,628; July 14.  
 Solutions, Dehydration of. A. D. Macallum. 2,029,826; Feb. 4.



- Solutions of addition compounds of alkylacridinium salts with heavy metal salts and preparing them, Aqueous. M. Böckmühl and L. Stein. 2,043,650; June 9.
- Solutions of alkali metal salts of sulphurous acid, Producing. G. Haglund. 2,047,627; July 14.
- Solutions of alkali metal silicates. P. C. Lemmerman and W. K. Schweitzer. 2,045,153; June 23.
- Solutions of bismuth salts of carboxylic acids in oils. F. Hampe and W. Persch. 2,061,320; Nov. 17.
- Solutions of dihydroxy-diamino-arsenobenzene and its derivatives, Stable. F. Elger. 2,035,153; Mar. 24.
- Solutions of hydroxy-cellulose ethers, Preparation of. G. A. Richter. 2,057,163; Oct. 13.
- Solutions of the follicle hormone and its esters and making the same, Concentrated. F. Hildebrandt. 2,064,114; Dec. 15.
- Solvent extraction of hydrocarbon oil. L. A. Clarke. 2,045,321; June 23.
- Solvent extraction of oil. D. R. Merrill. 2,043,389; June 9.
- Solvent extraction of oils. A. B. Brown and F. F. Diwoky. 2,064,338; Dec. 15.
- Solvent extraction of wax-bearing oils. S. H. Diggs and J. M. Page, Jr. 2,063,369; Dec. 8.
- Solvent for resins. W. Seaman. 2,062,378; Dec. 1.
- Solvent fractionation. G. L. Parkhurst. 2,029,689; Feb. 4.
- Solvent fractionation. F. W. Sullivan, Jr. 2,034,495; Mar. 17.
- Solvent fractionation of motor fuel stock. O. Fitz Simons. 2,043,288; June 9.
- Solvent from glycerol, Manufacture of a. E. L. Holmes. 2,036,940; Apr. 7.
- Solvent material for absorption refrigerating machines. G. F. Zellhoefer. 2,040,905; May 19.
- Solvent, Nonflammable cleaning. M. A. Youtz. 2,031,144-5; Feb. 18.
- Solvent recovery device. G. A. Mott and C. C. Jones. 2,032,299; Feb. 25.
- Solvent recovery in oil extraction processes. S. H. Diggs. 2,030,284; Feb. 11.
- Solvent refining with nitro-alcohols. L. A. Clarke. 2,027,354; Jan. 7.
- Solvents, Cellulose derivative. G. W. Seymour. 2,031,619; Feb. 25.
- Solvents, Preservation of organic. H. L. Cox. 2,035,383; Mar. 24.
- Solvents, Purification of. J. Robinson. 2,057,113; Oct. 13.
- Solvents, Treatment with. C. F. Dinley. 2,028,759; Jan. 28.
- Solving, softening, and gelatinizing agents. W. Schrauth. 2,042,413; May 26.
- Soot blower. H. E. Brelsford, C. L. Howse, and F. Bowers. 2,049,421; Aug. 4.
- Soot blowing tube. D. E. Hibner, Jr. 2,030,830; Feb. 11.
- Soot catcher for furnaces. J. Berinato. 2,046,866; July 7.
- Sorting and collating apparatus. H. W. Cadman. 2,046,935; July 7.
- Sorting and polishing device. H. C. Sharp. 2,057,849; Oct. 20.
- Sorting apparatus. M. C. Hanson. 2,054,319-20; Sept. 15.
- Sorting apparatus. E. W. Reiger and C. H. Hunt. 2,064,858; Dec. 22.
- Sorting machine. W. Ayres and G. N. Fryer. 2,056,382; Oct. 6.
- Sorting machine. B. S. Elliott. 2,053,328; Sept. 8.
- Sorting machine. W. W. Lasker. 2,044,120; June 16.
- Sorting machine, Card controlled. G. F. Daly. 2,053,068; Sept. 1.
- Sorting machine for punched cards. C. H. Stuienberg. 2,037,605; Apr. 14.
- Sorting mechanism. W. W. Lasker. 2,048,397; July 21.
- So<sub>2</sub> from acid sludge, Production of. F. J. Bartholomew. 2,028,713; Jan. 21.
- So<sub>2</sub> from acid sludge, Production of. J. M. Rumble. 2,028,725; Jan. 21.
- Sound absorbing article. G. B. Brown and H. E. Holcomb. 2,036,913; Apr. 7.
- Sound absorbing construction. C. F. Burgess. 2,028,272; Jan. 21.
- Sound absorbing material. W. A. McMillan. 2,034,588; Mar. 17.
- Sound absorbing material. T. B. Munroe and W. Waterfall. 2,057,731; Oct. 20.
- Sound absorbing material, Installing. S. J. Zand. 2,054,531; Sept. 15.
- Sound absorbing structure. T. M. Prudden. 2,060,241; Nov. 10.
- Sound absorbing units, Making preformed. H. E. Holcomb. 2,050,055; Aug. 4.
- Sound absorptive and fireproof body. G. H. Ellis. 2,036,467; Apr. 7.
- Sound amplitude meter, Hydrostatic. W. F. Alder. 2,055,713; Sept. 29.
- Sound amplitudes, Gravimetric determination of. W. F. Alder. 2,052,550; Sept. 1.
- Sound and television receiver. R. S. Holmes. 2,056,607; Oct. 6.
- Sound, Apparatus for determining amplitude of. W. F. Alder. 2,043,983; June 16.
- Sound, Apparatus for photographically recording. G. L. Dimmick. 2,052,220; Aug. 25.
- Sound, Apparatus for producing synthetic electronic. I. Eremeeff. 2,030,248; Feb. 11.
- Sound, Apparatus for reproduction of. J. M. Hatfield. 2,043,167; June 2.
- Sound attenuating device. R. B. Bourne. 2,043,030; June 2.
- Sound attenuating device. R. B. Bourne. 2,043,731; June 9.
- Sound attenuating device. R. B. Bourne. 2,051,515; Aug. 18.
- Soundboard for pianos and other instruments or devices using soundboards. P. H. Bilhuber. 2,051,633; Aug. 18.
- Sound-box construction. T. H. Beard. 2,036,980; Apr. 7.
- Sound box for amplifying horns with loudspeakers. F. Cirelli. 2,058,132; Oct. 20.
- Sound communication system. G. W. Pierce. 2,063,946; Dec. 15.
- Sound damping device for microphones. J. A. Hayenga and F. E. Brooks. 2,065,456; Dec. 22.
- Sound detecting apparatus. H. C. Hayes. 2,041,710; May 26.
- Sound, Device for emitting or receiving. N. W. McLachlan. 2,060,098; Nov. 10.
- Sound diffusing apparatus. R. B. Evans. 2,065,367; Dec. 22.
- Sound distributing and amplifying device. M. Weil. 2,035,108; Mar. 24.
- Sound from an endless band of photographic film, Apparatus for reproducing. D. von Mihaly. 2,065,954; Dec. 29.
- Sound from and re-recording sound films, Reproducing. R. H. C. Marty. 2,051,729; Aug. 18.
- Sound from optical indicia, Method of and apparatus for producing intelligible. W. W. Fuller. 2,034,803; Mar. 24.
- Sound from sound films, Method of and system for reproducing. O. Chouinard. 2,032,200; Feb. 25.
- Sound gate. F. Schiff. 2,032,184; Feb. 25.
- Sound gate. C. Wurm. 2,064,050; Dec. 15.
- Sound generating and directing apparatus. H. C. Hayes. 2,064,911; Dec. 22.
- Sound head for moving picture projectors. H. W. Baker. 2,050,480; Aug. 11.
- Sound head for reproducing sound from sound films. D. P. Fisher. 2,062,217; Nov. 24.
- Sound insulation and material therefor. R. P. Stranahan. 2,057,071; Oct. 13.
- Sound, Method and apparatus for recording and reproducing. P. Safranski. 2,037,739; Apr. 21.
- Sound, Method and means for studying. F. M. Robb. 2,050,380; Aug. 11.
- Sound, Method of and apparatus for producing and reproducing. J. H. Nuttall. 2,044,223; June 16.
- Sound-on-film apparatus. C. Tappan. 2,063,566; Dec. 8.
- Sound on film, Apparatus and method for recording. S. C. Whitman. 2,059,504; Nov. 3.
- Sound-on-film, Apparatus for reproducing. L. de Forest. 2,064,593; Dec. 15.
- Sound on film reproduction. L. J. Simons. 2,042,027; May 26.
- Sound or other vibrations, Method of and apparatus for electrically recording and reproducing. M. Duston. 2,030,973; Feb. 18.
- Sound oscillations, Silencing. P. Lueg. 2,043,416; June 9.
- Sound pick-up device. L. J. Anderson. 2,032,389; Mar. 3.
- Sound producing device. A. G. Schuck. 2,029,641; Feb. 4.
- Sound producing system, Electron. I. Eremeeff. 2,033,232; Mar. 10.
- Soundproof construction. G. B. Roth. 2,040,534; May 12.
- Sound reader for sound film projectors. A. L. V. C. De-brie. 2,037,854; Apr. 21.
- Sound receiving apparatus. W. C. Eddy. 2,051,032; Aug. 18.
- Sound record. S. Whyte. 2,028,854; Jan. 28.
- Sound record. W. W. Wood and F. W. Lutz. 2,038,976; Apr. 28.
- Sound record and producing the same. F. J. Dofsen. 2,060,287; Nov. 10.
- Sound record and sound recording and reproducing means. C. W. Nyström. 2,049,821; Aug. 4.
- Sound, Recordation of. C. L. Oswald and W. D. Foster. 2,030,760; Feb. 11.
- Sound recorder. M. E. Collins. 2,066,140; Dec. 29.
- Sound recording. O. H. Glunt. 2,048,500; July 21.
- Sound recording. N. Levinson. 2,039,173; Apr. 28.
- Sound recording. H. J. McCreary. 2,050,011; Aug. 4.
- Sound recording device, Regenerative. B. Kwartin. 2,033,476; Mar. 10.
- Sound recording or reproducing apparatus, Photoelectric. F. Crudo. 2,043,884; June 9.
- Sound recording, Photographic. E. W. Kellogg. 2,064,665; Dec. 15.
- Sound recording system. I. M. Chambers. 2,030,428; Feb. 11.
- Sound recording system. H. E. Metcalf. 2,059,472-3; Nov. 3.
- Sound records, Manufacture of. C. Schinzel. 2,039,742; May 5.
- Sound reproducer. E. W. Franck. 2,027,727; Jan. 14.
- Sound reproducer. P. L. Jensen. 2,046,515; July 7.
- Sound reproducer, Pneumatic. R. F. Mallina. 2,048,508; July 21.
- Sound reproducing apparatus. A. Berglund. 2,063,578; Dec. 8.
- Sound reproducing apparatus. L. J. Bobb. 2,059,929; Nov. 3.



- Sound reproducing apparatus. F. Frelmann and J. L. Friesner. 2,056,921; Oct. 6.
- Sound reproducing apparatus. J. R. Kiel. 2,066,041; Dec. 29.
- Sound reproducing apparatus. M. W. Scheldorf. 2,036,832; Apr. 7.
- Sound reproducing apparatus. H. A. Wheeler and W. O. Swinyard. 2,038,253; Apr. 21.
- Sound reproducing apparatus and improving the fidelity thereof, High-fidelity. H. A. Wheeler, V. E. Whitman, N. P. Case, and W. O. Swinyard. 2,034,014; Mar. 17.
- Sound reproducing apparatus, Electrodynamic. D. T. Hitchen. 2,031,775; Feb. 25.
- Sound reproducing device. O. Christenson. 2,051,200; Aug. 18.
- Sound reproducing machine. R. E. Zeruneth. 2,047,160; July 7.
- Sound reproducing system. S. Ballantine. 2,054,647; Sept. 15.
- Sound reproducing system. B. Olney. 2,031,500; Feb. 18.
- Sound reproducing system. B. Olney and G. Veal. 2,041,777; May 26.
- Sound reproducing system, Noiseless. J. H. Hammond, Jr. 2,038,999; Apr. 28.
- Sound reproduction device. A. L. Moore. 2,039,436; May 5.
- Sound, Reproduction of. C. F. Bischoff and A. Herckmans. 2,063,148; Dec. 8.
- Sound, Reproduction of. J. Eggert and R. Schmidt. 2,053,396; Sept. 8.
- Sound reproduction of phonograms, Photoelectric. F. Crudo. 2,065,172; Dec. 22.
- Sound signal. R. M. Critchfield. 2,046,772; July 7.
- Sound signaling. L. H. Middleton. 2,028,465; Jan. 21.
- Sound signaling. F. Von Voigtlander. 2,060,911; Nov. 17.
- Sound source, Travel. A. McL. Nicolson. 2,042,237; May 26.
- Sound synchronizing system. J. H. Hammond, Jr. 2,038,996; Apr. 28.
- Sound system. G. Douthwaite. 2,045,180; June 23.
- Sound system. J. H. Hammond, Jr. 2,042,990; June 2.
- Sound, System and apparatus for recording and reproducing. A. A. Thomas. 2,031,865; Feb. 25.
- Sound system for visually observing, Short wave. J. L. Gray. 2,031,884; Feb. 25.
- Sound translating device. M. L. McMurtrey and D. H. Cunningham. 2,037,811; Apr. 21.
- Sound translating device. A. L. Thuras. 2,037,185; Apr. 14.
- Sound translating device. E. C. Wente. 2,037,187; Apr. 14.
- Sound translating system. A. Pfister. 2,052,110; Aug. 25.
- Sound transmission. R. R. Glen. 2,065,578; Dec. 29.
- Sound-transmission, sound-recording, and sound-reproducing system. A. D. Blumlein. 2,062,275; Nov. 24.
- Sound vibrations on flexible records, Apparatus for engraving. M. A. Lichten. 2,032,062; Feb. 25.
- Sound with the aid of light, Recording of. C. O. Browne. 2,059,083; Oct. 27.
- Sounds on film, Method and apparatus for recording. J. F. Lindberg. 2,033,945; Mar. 17.
- Sounds, Process and apparatus for registering and reproducing. G. Bedeschi and G. Monti. 2,053,760; Sept. 8.
- Sounds, Process and apparatus for the reproduction and recording of. G. Champion. 2,059,550; Nov. 3.
- Souring material. F. R. Swift. 2,060,264; Nov. 10.
- Souvenir or message box. A. Formoso. 2,049,113; July 28.
- Sower, Seed. G. W. Wakeham. 2,054,552; Sept. 15.
- Sowing machine. E. J. O. Magne. 2,040,210; May 12.
- Soy bean compound for aging grain distillate. J. T. Finley. 2,066,263; Dec. 29.
- Soybean phosphatides. W. W. Ginn. 2,029,261; Jan. 28.
- Space discharge device. W. W. Eitel and J. McCullough. 2,030,362; Feb. 11.
- Space discharge device. C. F. Miller. 2,049,167; July 28.
- Space discharge device. G. D. O'Neill. 2,064,216; Dec. 15.
- Space discharge, Producing and controlling a. J. H. O. Harries. 2,045,525; June 23.
- Space discharge tube. H. E. Ackman and E. F. Carter. 2,047,944; July 21.
- Spacer. C. G. Belden. 2,060,970; Nov. 17.
- Spacer and clamp for concrete forms, Combined. H. E. Coates. 2,046,674; July 7.
- Spacer, Automatic. F. W. Seybold and H. I. Lewis. 2,053,499; Sept. 8.
- Spacer balance for cream separator bowls. W. C. Heiskell. 2,056,518; Oct. 6.
- Spacer for leaf springs. W. H. Wallace. 2,052,062; Aug. 25.
- Spar structure. W. L. Sutton. 2,027,711; Jan. 14.
- Spar structure. W. L. Sutton. 2,055,756; Sept. 29.
- Spare tire cover. A. P. Ferguson. 2,039,786; May 5.
- Spare tire cover. H. S. Jandus and A. P. Ferguson. 2,039,005; Apr. 28.
- Spark adjuster, Automatic. H. J. De N. McCollum. 2,042,616; June 2.
- Spark catcher. O. Nordström. 2,061,247; Nov. 17.
- Spark device for engines, Spring controlled. V. G. Smith. 2,064,572; Dec. 15.
- Spark generating system. D. W. Randolph, O. S. Duffendack, and R. A. Wolfe. 2,030,228; Feb. 11.
- Spark plug. W. K. Andersen. 2,034,170; Mar. 17.
- Spark plug. W. K. Andersen. 2,052,335; Aug. 25.
- Spark plug. C. L. Arnolds. 2,048,481; July 21.
- Spark plug. J. Binder and W. C. Selke. 2,035,440; Mar. 31.
- Spark plug. G. C. Brinker. 2,028,896; Jan. 28.
- Spark plug. R. J. Burtnett. 2,047,575; July 14.
- Spark plug. F. A. Carter and F. J. McAvoy. 2,037,851; Apr. 21.
- Spark plug. I. B. Close. 2,026,822; Jan. 7.
- Spark plug. I. F. Echave and A. G. Caldararo. 2,065,567; Dec. 29.
- Spark plug. C. G. Erny. 2,064,738; Dec. 15.
- Spark plug. C. Falor. 2,028,971; Jan. 28.
- Spark plug. E. P. Hansen. 2,038,042; Apr. 21.
- Spark plug. J. W. Jean. 2,037,239; Apr. 14.
- Spark plug. R. John and E. F. Spellmeyer. 2,028,749; Jan. 28.
- Spark plug. A. A. Kasarjian. 2,029,570; Feb. 4.
- Spark plug. A. A. Kasarjian. 2,045,781; June 30.
- Spark plug. W. E. Letterman. 2,059,257; Nov. 3.
- Spark plug. L. J. McKone. 2,055,204; Sept. 22.
- Spark plug. P. Miron. 2,049,130; July 28.
- Spark plug. E. W. Mitchell. 2,054,134; Sept. 15.
- Spark plug. E. B. Nowosielski. 2,029,669; Feb. 4.
- Spark plug. M. O'Marra. 2,060,340; Nov. 10.
- Spark plug. C. Patock. 2,044,325; June 16.
- Spark plug. G. M. Paulson. 2,047,031; July 7.
- Spark plug. H. Rabezzana. 2,048,029; July 21.
- Spark plug. H. Rabezzana. 2,048,891; July 28.
- Spark plug. H. Rabezzana and A. J. Battey. 2,048,028; July 21.
- Spark plug. B. H. Savage. 2,048,297; July 21.
- Spark plug. F. Stemmeler. 2,064,089; Dec. 15.
- Spark plug. C. A. Xardell. 2,047,302; July 14.
- Spark plug and making the same. A. A. Kasarjian. 2,060,219; Nov. 10.
- Spark plug construction. A. C. Hoof. 2,062,514; Dec. 1.
- Spark plug, Explosionproof shielded. H. Rabezzana. 2,056,739; Oct. 6.
- Spark plug protector. J. D. Kondrup. 2,048,270; July 21.
- Spark producing mechanism. L. V. Aronson. 2,051,934; Aug. 25.
- Spark producing mechanism, Pyrophoric. L. V. Aronson. 2,055,993; Sept. 29.
- Spark recording system. D. L. Hay. 2,035,474; Mar. 31.
- Spark screen. J. A. Johnson. 2,058,694; Oct. 27.
- Spark timer for internal combustion engines. G. E. Baker. 2,049,637; Aug. 4.
- Sparkler. A. Hummel. 2,063,601; Dec. 8.
- Sparks and purifying exhaust gases, Apparatus for arresting. L. Markels. 2,043,298; June 9.
- Spatula, Dental. O. R. Brandenburg. 2,055,025; Sept. 22.
- Speaker unit. W. A. Ellmore. 2,058,071; Oct. 20.
- Speaking head. K. von Heising. 2,044,033; June 16.
- Specific gravity indicator. D. L. Hay. 2,056,187; Oct. 6.
- Spectacle. O. B. Carson. 2,041,283; May 19.
- Spectacle case. F. W. Swanson. 2,057,801; Oct. 20.
- Spectacle case holder. W. J. Biggs and C. M. Axelson. 2,050,917; Aug. 11.
- Spectacle frame. P. Hempel. 2,064,604; Dec. 15.
- Spectacle frames. E. E. Emons. 2,041,638; May 19.
- Spectacle hinge. A. Diodati. 2,060,727; Nov. 10.
- Spectacles. H. H. Blase. 2,043,730; June 9.
- Spectacles. S. Fishman. 2,058,969; Oct. 27.
- Spectacles. G. A. Thomson. 2,045,622; June 30.
- Spectacles. G. A. Thomson. 2,060,700; Nov. 10.
- Spectacles, Folding. W. D. Eglinton. 2,064,525; Dec. 15.
- Spectacles or eyeglasses, Ventilated. E. Gottlieb. 2,027,037; Jan. 7.
- Spectroscopic analysis and apparatus therefor, Quantitative. E. J. Martin. 2,043,053; June 2.
- Spectroscopic monochromator. A. Tschermak-Seysenegg. 2,039,355; May 5.
- Speech control, Return. J. A. Frazier. 2,054,933; Sept. 22.
- Speed and direction of rotation by reversing a constant speed motor, Apparatus for changing. B. E. O'Hagan. 2,036,073; Mar. 31.
- Speed and load regulating device for hydraulic transmissions. H. W. Link. 2,058,894; Oct. 27.
- Speed changing device. H. E. Twomley. 2,047,840; July 14.
- Speed changing device, Automatic. J. C. Coen. 2,045,835; June 30.
- Speed changing gear, Differential. A. Pédemonte. 2,030,761; Feb. 11.
- Speed changing mechanism. R. Hall. 2,056,101; Sept. 29.
- Speed changing mechanism for cotton gin feeders and the like. H. Roberts, Jr. 2,033,850; Mar. 10.
- Speed composite system, High. P. J. Howe, R. T. Hamlett, and M. A. Rudd. 2,060,574; Nov. 10.
- Speed control apparatus, Critical. W. J. Blessing. 2,052,162; Aug. 25.
- Speed control device. J. A. Briggs. 2,064,779; Dec. 15.
- Speed control device. M. Weinberg. 2,056,549; Oct. 6.
- Speed control for electric motors. J. F. Frese. 2,064,302; Dec. 15.
- Speed control mechanism for grinding machines. H. A. Silven. 2,056,871; Oct. 6.
- Speed control of alternating current motors, System for adjustable. A. M. Rossman. 2,061,983; Nov. 24.
- Speed control of landing gear wheels on aeroplanes. C. D. Fator. 2,063,032; Dec. 8.
- Speed control or governor for revolving doors. B. H. Uhrich. 2,048,716; July 28.



- Speed control system for car retarders. J. W. Livingston. 2,045,989; June 30.
- Speed controlled brake. G. W. Baughman. 2,045,175; June 23.
- Speed controlled brake. T. Tarisien. 2,055,112; Sept. 22.
- Speed controlling and braking means. J. A. Cameron and R. M. Johnstone. 2,040,464; May 12.
- Speed controlling means for spinning machines. G. H. Hamm. 2,056,049; Sept. 29.
- Speed controlling means for spinning machines. C. C. Runner. 2,056,019; Sept. 29.
- Speed drive, Selective. J. B. Brennen. 2,029,053; Jan. 28.
- Speed driving mechanism, Variable. W. B. Bronander. 2,054,802; Sept. 22.
- Speed equalizer, Motor. H. R. Hustad. 2,059,641; Nov. 3.
- Speed gearing, Variable. E. G. Baer and A. B. Fisher. 2,042,577; June 2.
- Speed governed motor. R. D. Smith. 2,060,833; Nov. 17.
- Speed governing device applicable to electric traction. L. R. E. Gratzmuller. 2,062,810; Dec. 1.
- Speed indicator. H. W. Faus. 2,047,679; July 14.
- Speed indicator. P. van S. Kolff. 2,059,118; Oct. 27.
- Speed indicator. R. M. Woytych. 2,044,825; June 23.
- Speed-indicator and revolution-counter, Electrical. W. G. Bird. 2,060,721; Nov. 10.
- Speed indicator and tension regulator for warp knitting machine. W. J. Beniston and J. L. Beers. 2,030,425; Feb. 11.
- Speed measuring apparatus. L. Kassler. 2,041,134; May 19.
- Speed mechanism and brake element therefor, Automatic variable. R. G. La Fountain. 2,046,468; July 7.
- Speed mechanism, Change. H. J. Perazzoli. 2,066,050; Dec. 29.
- Speed mechanism, Change. F. M. Vandervoort. 2,057,073; Oct. 13.
- Speed mechanism, Constant. H. E. Nichols. 2,065,014; Dec. 22.
- Speed mechanism, Continuously variable change. S. C. Viberg. 2,062,241; Nov. 24.
- Speed mechanism for variable speed gears, Change. G. H. Roesch. 2,045,412; June 23.
- Speed mechanism, Variable. H. A. Blanchard and C. W. Robertson. 2,032,735; Mar. 3.
- Speed mechanism, Variable. W. Turner. 2,029,042; Jan. 28.
- Speed mechanism, Variable. G. W. Walton. 2,052,507; Aug. 25.
- Speed meter, Drift and ground. P. V. H. Weems and R. Henrich. 2,049,096; July 28.
- Speed of electric motors, Apparatus for controlling the. C. T. Evans. 2,032,743; Mar. 3.
- Speed ratio indicating device. L. A. Umansky. 2,051,018; Aug. 11.
- Speed reducing mechanism. R. Goldberg. 2,051,842; Aug. 25.
- Speed regulation. K. Schwarz. 2,032,444; Mar. 3.
- Speed synchronizing device. E. F. Marresford. 2,062,136; Nov. 24.
- Speed testing device for motor vehicles. G. F. Marshall. 2,032,489; Mar. 3.
- Speed transformer. F. H. Cheyne. 2,053,130; Sept. 1.
- Speed transmission, Automatic selective. C. F. Stauffer and S. Budlong. 2,058,736; Oct. 27.
- Speed transmission, Automatic variable. W. H. Dumble. 2,026,777; Jan. 7.
- Speed transmission mechanism. A. Vincenzoni. 2,028,577; Jan. 21.
- Speed transmission mechanism, Variable. D. E. and E. F. Levellen. 2,032,585; Mar. 3.
- Speed transmission mechanism, Variable speed. R. Chilton. 2,040,830; May 19.
- Speed transmission, Variable. A. Y. Dodge. 2,039,147; Apr. 28.
- Speed transmission, Variable. J. L. Hittell. 2,062,310; Dec. 1.
- Speed transmission, Variable. J. H. Hollestelle. 2,058,981; Oct. 27.
- Speed transmission, Variable. D. L. Lotts. 2,033,639; Mar. 10.
- Speed transmission, Variable. W. Nowka. 2,036,881; Apr. 7.
- Speed unit, Variable. F. A. Quiroz. 2,054,564; Sept. 15.
- Speedometer. R. O. Helgeby. 2,046,163; June 30.
- Speedometer demagnetizer. E. W. Ely and R. O. Helgeby. 2,046,111; June 30.
- Speedometer, Pointer type. R. O. Helgeby. 2,027,589; Jan. 14.
- Speedometer, Straight scale. A. W. LeFevre. 2,062,461; Dec. 1.
- Spherical machine. F. A. Peschl. 2,031,125-6; Feb. 18.
- Spherometer. H. H. Willis. 2,052,153; Aug. 25.
- Sphygmomanometer. E. Bandoly. 2,051,539; Aug. 18.
- Spider. S. W. Long. 2,030,111; Feb. 11.
- Spider for lawn mower cutting reels. T. B. Funk. 2,043,098; June 2.
- Spider, Oil well. B. F. Hiniker. 2,063,378; Dec. 8.
- Spigot. A. C. Wischmeyer. 2,065,846; Dec. 29.
- Spike, Compression screw. H. S. Clarke. 2,049,105; July 28.
- Spike for golf shoes. C. W. Fuller. 2,053,906; Sept. 8.
- Spike, Railroad. J. Hojnowski. 2,035,885; Mar. 31.
- Spikes, Rail. F. S. Hayes. 2,050,432; Aug. 11.
- Spinal fracture-reducing table. C. D. Denison. 2,035,869; Mar. 31.
- Spindle. J. F. Jackson. 2,034,192; Mar. 17.
- Spindle and lubricating same, Spinning. R. Reddie. 2,044,890; June 23.
- Spindle automatic screw machine, Multiple. C. W. Simpson and A. E. Drissner. 2,033,490; Mar. 10.
- Spindle bearing. H. H. Asbridge. 2,028,487; Jan. 21.
- Spindle bearing. H. H. Asbridge. 2,053,389; Sept. 8.
- Spindle bearing. F. E. Kelley. 2,041,934; May 26.
- Spindle boring machine, Multiple. J. Coulter. 2,027,023; Jan. 7.
- Spindle brake. W. O. Aldrich. 2,034,601; Mar. 17.
- Spindle, Collapsible. J. F. Schenck, Sr. 2,034,836; Mar. 24.
- Spindle, Doubling. G. Kuwada. 2,028,875; Jan. 28.
- Spindle drive mechanism. H. Z. Cobb and R. S. Francis. 2,052,132; Aug. 25.
- Spindle, Duplicating roll. S. Offer. 2,043,302; June 9.
- Spindle for twisting machines, Antiballooning. I. R. Rowe. 2,064,270; Dec. 15.
- Spindle for twisting, spinning, and winding machines, or the like. C. H. Colvin. 2,061,187; Nov. 17.
- Spindle hobbing machine, Multiple. F. H. Adams. 2,032,646; Mar. 3.
- Spindle machine, Multiple. F. L. Cone. 2,060,975; Nov. 17.
- Spindle metalworking machine, Multiple. H. W. Ruppel. 2,051,747; Aug. 18.
- Spindle of cap-spinning machines. E. Kinsella and C. W. Addy. 2,064,921; Dec. 22.
- Spindle screw machine, Multiple. W. L. Morrall. 2,061,586; Nov. 24.
- Spindle, Spinning. E. H. Erhard. 2,028,537; Jan. 21.
- Spindle, Spinning. E. H. Hull. 2,059,872; Nov. 3.
- Spindle, Spinning. G. H. Magrath. 2,051,641-2; Aug. 18.
- Spindles for lamp standards and the like and products thereof, Making. A. H. Bell. 2,061,132-3; Nov. 17.
- Spindles for lamp standards and the like, and products thereof, Making. E. Schwarz. 2,061,134; Nov. 17.
- Spinner. E. Martin. 2,046,522; July 7.
- Spinner machine iron head cleaner. F. Mont. 2,052,482; Aug. 25.
- Spinneret. H. J. Jones. 2,051,861; Aug. 25.
- Spinneret coupling. P. A. Chapman. 2,036,087; Mar. 31.
- Spinneret for the manufacture of artificial filaments. W. J. Smith. 2,055,320; Sept. 22.
- Spinning and doubling machine. W. Freund. 2,041,918; May 26.
- Spinning and tilting rack, Wine bottle. H. G. Moore and E. L. Gonyer. 2,056,014; Sept. 29.
- Spinning apparatus, Long draft. J. L. Truslow. 2,037,836; Apr. 21.
- Spinning, Art of. P. D. Cannon. 2,064,821; Dec. 22.
- Spinning cell, Dry. H. S. Ezzard and E. C. Kontz, Jr. 2,035,872; Mar. 31.
- Spinning centrifuges for artificial silk. W. Zinselmeyer. 2,062,980; Dec. 1.
- Spinning, Device for stretch. E. Sellner and F. Starck. 2,046,577; July 7.
- Spinning, doubling, and twisting machinery. S. Z. de Ferranti. 2,035,690-1; Mar. 31.
- Spinning frame. C. Morton. 2,043,765; June 9.
- Spinning frame. J. L. Truslow. 2,027,212; Jan. 7.
- Spinning frame drive control. P. B. Reeves. 2,063,462; Dec. 8.
- Spinning jets, Construction of. C. O. Butler and S. M. Bear. 2,058,408; Oct. 27.
- Spinning machine for rayon or other synthetic material. J. Brenzinger. 2,028,821; Jan. 28.
- Spinning or twisting ring. R. Y. McLeod. 2,048,806; July 28.
- Spinning ring. G. Kuwada. 2,034,762; Mar. 24.
- Spinning ring and securing device therefor. G. West. 2,061,443; Nov. 17.
- Spinning ring for bar travelers. H. C. Herr. 2,045,012; June 23.
- Spirits, Accelerating the aging of distilled alcoholic. M. E. Barker. 2,055,060; Sept. 22.
- Spirits, Purifying distilled alcoholic. H. F. Willkie. 2,050,908; Aug. 11.
- Splash feed. R. M. McMillin. 2,050,723; Aug. 11.
- Splash oiling system. R. M. McMillin and A. Taub. 2,030,647; Feb. 11.
- Splice bars, Fabricating. V. C. Armstrong. 2,060,782; Nov. 17.
- Splicer. O. N. Replogle. 2,043,709; June 9.
- Splicing mechanism, Automatic. H. A. W. Wood. 2,032,244; Feb. 25.
- Splicing method. J. W. Channell. 2,030,053; Feb. 11.
- Spine coupling. J. Edgar. 2,038,554; Apr. 28.
- Spint. N. H. Attwood, R. F. Munch, W. O. Lickert, and T. A. Baughman. 2,060,001; Nov. 10.
- Spint. H. A. Budin. 2,033,609; Mar. 10.
- Spint. R. L. Raiford. 2,057,592; Oct. 13.
- Spint, Fracture reducing. J. E. Bittner, Jr. 2,055,024; Sept. 22.
- Spint, Fracture reducing. C. A. Wiltrout. 2,048,832; July 28.
- Spint, Surgical. E. E. Longfellow. 2,034,680; Mar. 17.
- Split drive-single control. R. E. Smith. 2,063,408; Dec. 8.
- Splitting machine. O. A. Hawkins. 2,059,790; Nov. 3.
- Spoil or other suitable materials, Apparatus for loading or dumping. C. W. F. Hamilton. 2,047,867; July 14.



- Spoke end mounted wheel. F. W. Burger. 2,048,177; July 21.
- Spokes to steering wheel hubs, Attaching. J. W. Anderson. 2,056,554; Oct. 6.
- Sponge device. J. Alefantis. 2,052,337; Aug. 25.
- Sponge device, Washing and lathering. C. R. C. Borden. 2,030,911; Feb. 18.
- Sponge, Novelty bath. E. C. Lewis. 2,056,405; Oct. 6.
- Sponge rubber articles, Making. W. S. Robinson. 2,059,278; Nov. 3.
- Sponges, Dyeing. M. Cohn. 2,056,166; Oct. 6.
- Sponges, Preparing artificial. L. P. G. Vautier and R. Fays. 2,043,564; June 9.
- Spool. F. A. Engel. 2,035,644; Mar. 31.
- Spool. E. Hertzka. 2,065,072; Dec. 22.
- Spool. F. Mossberg. 2,034,480; Mar. 17.
- Spool. T. Mungen. 2,036,969; Apr. 17.
- Spool. E. A. Schuster. 2,059,752; Nov. 3.
- Spool. A. Sobota. 2,049,334; July 28.
- Spool and protector therefor. E. Hoffman. 2,029,320; Feb. 4.
- Spool and protector therefor. E. Hoffman. 2,044,791; June 23.
- Spool and winder therefor. D. W. Klau. 2,029,427; Feb. 4.
- Spool box. A. Hirsch. 2,042,311; May 26.
- Spool cover. A. G. Hopkins. 2,045,652; June 30.
- Spool for roll films. H. Henkels. 2,035,158; Mar. 24.
- Spool for typewriting, computing, and like machines, Tally winding. N. A. Jung. 2,059,242; Nov. 3.
- Spool holder. L. C. Hogan. 2,031,890; Feb. 25.
- Spool holder. C. Miller. 2,052,415; Aug. 25.
- Spool holder. H. Wells and R. C. Fritsche. 2,033,214; Mar. 10.
- Spool mounting for textile machines. F. B. and A. J. Javery. 2,046,559; July 7.
- Spool or bobbin. H. D. Clinton. 2,048,994; July 28.
- Spool or bobbin for yarn end fastening. H. D. Clinton. 2,048,995; July 28.
- Spool or bobbin, Knockdown. M. Schurmann. 2,047,434; July 14.
- Spool or bobbin, Twister. H. D. Clinton. 2,048,996; July 28.
- Spool, Photographic film. W. A. Hallett and M. D. Lee. 2,051,212; Aug. 18.
- Spool, Ribbon. R. Atwood. 2,065,299; Dec. 22.
- Spool, Wire retaining. N. S. Harter. 2,046,290; June 30.
- Spools, Electrically welding all metal. J. G. Jones and H. G. Dewey. 2,051,216; Aug. 18.
- Spoon, Measuring. O. V. Lemay. 2,042,945; June 2.
- Spoon, Measuring. F. F. Wilkins. 2,034,733; Mar. 24.
- Spoon, Thermometer. K. J. Monrad. 2,035,334; Mar. 24.
- Spoon, Toothbrush. J. E. Peterkin and F. W. Marlow. 2,028,519; Jan. 21.
- Spoon, Trolling. P. H. Allen. 2,058,121; Oct. 20.
- Spoon, Trolling. J. H. Saarinen. 2,065,246; Dec. 22.
- Spot lamp. E. C. Richardson. 2,057,278; Oct. 13.
- Spotlight mounting. C. Sklarek. 2,052,949; Sept. 1.
- Spot varnishing roll. J. H. Dullinger. 2,053,604; Sept. 8.
- Spot welder. J. L. Brown and W. R. Harding. 2,042,207; May 26.
- Spot welding apparatus. F. Vectorino. 2,039,858; May 5.
- Spot welding apparatus. F. Vectorino. 2,041,984; May 26.
- Spot welding members onto metallic tubes. C. de Ganahl. 2,057,017; Oct. 13.
- Spout attachment for vessels. J. N. Smith. 2,026,852; Jan. 7.
- Spout, Bag filling. A. Andreas. 2,046,761; July 7.
- Spout can cover machine, Pouring. J. M. Hothersall. 2,061,575; Nov. 24.
- Spout, Container pouring. W. R. Lord. 2,043,253; June 9.
- Spout, Detachable can. R. N. Dickey. 2,061,024; Nov. 17.
- Spout for bag filling. M. A. Nicolas. 2,042,858; June 2.
- Spout for containers, Pouring. R. W. Shore. 2,041,784; May 26.
- Spout for granular materials, Adjustable. W. C. Elliott and D. H. McNamee. 2,049,998; Aug. 4.
- Spout for liquid containers. W. W. Helle. 2,061,071; Nov. 17.
- Spout, Pouring. S. A. Bennett. 2,040,800; May 12.
- Spout, Pouring. P. Plunkett. 2,058,910; Oct. 27.
- Spouted container. G. O. Conner and H. W. Karges. 2,044,208; June 16.
- Spouts to containers, Attaching. W. F. Leonhart. 2,031,838; Feb. 25.
- Spouts to vessels, Attaching pouring. R. N. Kircher. 2,034,438; Mar. 17.
- Spray, Antrum. E. M. Caruso. 2,052,868; Sept. 1.
- Spray apparatus. C. S. Evans and F. F. Lindstaedt. 2,050,522; Aug. 11.
- Spray appliance, Fluid pressure. F. W. Winnen. 2,028,265; Jan. 21.
- Spray coating machine. A. M. Sosa. 2,060,131; Nov. 10.
- Spray collector. W. E. Naugler. 2,040,758; May 12.
- Spray container. C. Winning. 2,031,918; Feb. 25.
- Spray cooler. C. A. Bulkley. 2,038,536; Apr. 28.
- Spray deflector. F. Balensiefer. 2,065,549; Dec. 29.
- Spray device. O. A. Sorensen. 2,061,987; Nov. 24.
- Spray device for use in mines. H. Hixon, Sr. 2,059,639; Nov. 3.
- Spray drying apparatus. K. Schultz. 2,035,673; Mar. 31.
- Spray gun for asphalt or the like. S. Bramsen. 2,032,789; Mar. 3.
- Spray head. M. de Graaf. 2,041,399; May 19.
- Spray head. R. W. Tracy. 2,042,746; June 2.
- Spray head. R. W. Tracy. 2,046,592; July 7.
- Spray head, Shower bath. I. Herzbrun and C. F. Schultis. 2,056,103; Sept. 29.
- Spray, Insecticidal. I. Stone. 2,028,109; Jan. 14.
- Spray material. J. W. Roberts. 2,037,656-8; Apr. 14.
- Spray materials, Applying. M. S. Robertson. 2,056,296; Oct. 6.
- Spray materials, Combined fungicidal and insecticidal. W. H. Tisdale and L. S. Bake. 2,044,959; June 23.
- Spray, Method of and apparatus for producing a. F. Y. Wheeler. 2,056,240; Oct. 6.
- Spray pump. R. M. Magnuson. 2,038,747; Apr. 28.
- Spray, Root. R. F. Tatroe. 2,027,005; Jan. 7.
- Spray shower head, Multiple. H. E. Schneider. 2,049,141; July 28.
- Spray system. H. Richards. 2,045,164; June 23.
- Sprayer. I. J. Amato. 2,058,391; Oct. 27.
- Sprayer. T. W. Pickard. 2,064,178; Dec. 15.
- Sprayer, Dry steam. J. Schwartz. 2,035,724; Mar. 31.
- Sprayer, Insecticide. A. R. Lavitt and H. L. Pearson. 2,030,259; Feb. 11.
- Sprayer, Liquid. R. M. Bagley. 2,045,893; June 30.
- Sprayer, Tube. H. F. Colvin. 2,050,246; Aug. 11.
- Spraying apparatus for liquid and semiliquid material. J. C. MacLachlan. 2,047,699; July 14.
- Spraying device. C. Iddings. 2,062,787; Dec. 1.
- Spraying device. G. E. Johnson and G. Lowenberg. 2,027,103; Jan. 7.
- Spraying device. C. B. R. King. 2,051,382; Aug. 18.
- Spraying device. W. M. Nicoson. 2,034,151; Mar. 17.
- Spraying device. E. O. Norris. 2,063,048; Dec. 8.
- Spraying device. L. M. Persons. 2,030,934; Feb. 18.
- Spraying device. A. Steinke. 2,035,677; Mar. 31.
- Spraying device. W. M. Vogel. 2,054,106; Sept. 15.
- Spraying device for dampening clothes. O. R. Moll. 2,054,517; Sept. 15.
- Spraying machine. H. C. Cole. 2,046,149; June 30.
- Spraying. Method and apparatus for. E. O. Norris. 2,064,125; Dec. 15.
- Spreader cap for mucilage containers. G. W. Nesmith. 2,049,973; Aug. 4.
- Spreader for placing an adhesive on the back of carpets and rugs, Hand. E. K. Bauer. 2,027,331; Jan. 7.
- Spreader for tire casings and the like. W. H. Peaden, W. H. Horster, and A. O'Dell. 2,058,100; Oct. 20.
- Spreader, Gravity sand and gravel. W. E. Broome. 2,059,548; Nov. 3.
- Spreader, Rotary. G. E. Carlson. 2,029,056; Jan. 28.
- Spreader, Sand. C. A. Arnold. 2,060,652; Nov. 10.
- Spreading, extruding, or like operations. F. R. Chappell. 2,052,131; Aug. 25.
- Spreading machine. V. F. Baumgardner. 2,046,603; July 7.
- Spring: See—
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| Automobile spring.   | Pneumatic spring.      |
| Clutch spring.       | Rubber snubber spring. |
| India rubber spring. | Seat back spring.      |
| Leaf spring.         | Valve spring.          |
| Piano-action spring. | Vehicle spring.        |
- Spring. R. W. Cook. 2,043,152; June 2.
- Spring. M. Schilde. 2,047,802; July 14.
- Spring. F. P. Zimmerli. 2,056,816; Oct. 6.
- Spring and making same. L. A. Laursen. 2,032,583; Mar. 3.
- Spring assembly. S. E. Erb. 2,043,889; June 9.
- Spring assembly. C. D. Karr. 2,058,463; Oct. 27.
- Spring assembly. D. I. Levine. 2,052,982; Sept. 1.
- Spring assembly for upholstery. A. N. Lisson. 2,048,637; July 21.
- Spring assembly with flat grooved border wire. H. B. Sklar. 2,052,040; Aug. 25.
- Spring adjusting means, Roller. P. H. Kuyper. 2,060,676; Nov. 10.
- Spring bar. C. B. Greenberg. 2,063,733; Dec. 8.
- Springboard. H. W. Handley. 2,032,574; Mar. 3.
- Spring bolt assembly. J. W. Leighton. 2,031,493; Feb. 18.
- Spring clip. C. A. Flood. 2,056,180; Oct. 6.
- Spring clip. H. A. Hoke. 2,059,352; Nov. 3.
- Spring clip. J. W. Jackson. 2,056,724; Oct. 4.
- Spring clip. E. N. Jacobi. 2,046,514; July 7.
- Spring closing device. J. H. Adams. 2,028,309; Jan. 21.
- Spring clutch. W. C. Starkey. 2,027,794; Jan. 14.
- Spring coiling machine. J. Gogan. 2,038,488; Apr. 21.
- Spring coiling machine. J. Gogan. 2,054,196; Sept. 15.
- Spring-compressing tool. W. A. Monfort. 2,046,203; June 30.
- Spring construction. P. S. Braun. 2,047,667; July 14.
- Spring construction. J. Kirstein. 2,040,656; May 12.
- Spring construction, Antirebound. J. J. Wesley. 2,058,281; Oct. 20.
- Spring construction for motor vehicle power units, Return. E. R. Evans. 2,054,796; Sept. 22.
- Spring constructions and spring mountings. E. Anderson. 2,035,937; Mar. 31.
- Spring cover. E. N. Jacobi. 2,051,143; Aug. 18.
- Spring-cover and its manufacture. W. T. Ferguson. 2,043,536; June 9.
- Spring curtain rod, Adjustable. C. W. Gould. 2,032,842; Mar. 3.
- Spring cushion. W. Lewis. 2,050,105; Aug. 4.
- Spring cushion assembly. L. Trotta and H. Perlesz. 2,048,979; July 28.
- Spring cushion construction. R. S. Jones. 2,051,087; Aug. 18.



- Spring cushion for glass, Safety. G. A. Barrows and C. Blackburn. 2,032,344; Mar. 3.
- Spring cushion seat. D. A. Greene. 2,060,465; Nov. 10.
- Spring cushion structure. H. W. Sternberg. 2,048,414; July 21.
- Spring device. E. H. Piron. 2,066,187; Dec. 29.
- Spring device. W. E. Wine. 2,042,647; June 2.
- Spring draft and buffer means. G. E. Edmunds. 2,060,051; Nov. 10.
- Spring drawbar and spring bumper, Combination. G. E. Edmunds. 2,060,049; Nov. 10.
- Spring drive for shaking conveyers. C. N. Bebinger. 2,049,346; July 28.
- Spring element. G. Pielstick. 2,039,342; May 5.
- Spring fastener. G. A. Tinnerman. 2,054,471; Sept. 15.
- Spring fastener. G. A. Tinnerman. 2,064,092; Dec. 15.
- Spring for cushioned seats, Wire. M. Freund. 2,047,411; July 14.
- Spring for fruit and flower cutters. T. C. Lynch. 2,046,642; July 7.
- Spring for vehicles. L. D. Foley. 2,029,472; Feb. 4.
- Spring friction device. E. W. Webb. 2,059,503; Nov. 3.
- Spring frog. G. M. Cooper and S. L. Eastburn. 2,036,198; Apr. 7.
- Spring gauge. F. B. Thomas. 2,035,029; Mar. 24.
- Spring hanger. J. R. Konetsky. 2,061,199; Nov. 17.
- Spring hinge, Double acting. W. F. Moore. 2,035,823; Mar. 31.
- Spring holding attachment for automobiles. L. H. Peeples. 2,050,543; Aug. 11.
- Spring hook. J. D. Spalding. 2,058,186-7; Oct. 20.
- Spring key holder. N. Szabo. 2,064,862; Dec. 22.
- Spring leaf spacer. D. R. Swinton. 2,028,299; Jan. 21.
- Spring lifting device. L. S. Buskirk. 2,038,641; Apr. 28.
- Spring link, Split. E. D. Hoff. 2,033,286; Mar. 10.
- Spring mattress assembly. C. D. Karr. 2,058,462; Oct. 27.
- Spring means for car truck bolsters. C. R. Busch. 2,030,681; Feb. 11.
- Spring motor. A. F. and H. A. G. Fornelius. 2,063,799; Dec. 8.
- Spring protector. A. M. Ferrin. 2,041,914; May 26.
- Spring seat. D. A. Fryer. 2,034,092; Mar. 17.
- Spring seat. W. Marshall. 2,034,109; Mar. 17.
- Spring seat. J. Mercogliano. 2,029,247; Jan. 28.
- Spring-shackle. F. B. Mullin. 2,065,822; Dec. 29.
- Spring shackle, Wear compensating. W. A. Tryon. 2,065,840; Dec. 29.
- Spring structure. W. A. Clark. 2,038,718; Apr. 28.
- Spring-structure. S. Karpen. 2,049,961; Aug. 4.
- Spring structure. A. Pittoni. 2,045,544; June 23.
- Spring structure. C. S. Reed. 2,040,780; May 12.
- Spring structure, Leaf. W. H. Wallace. 2,041,159; May 19.
- Spring structures, Method of and apparatus for assembling. A. H. Olson. 2,064,560; Dec. 15.
- Spring structures, Protecting, silencing, and rigidizing fabricated. C. F. McCoy. 2,058,165; Oct. 20.
- Spring support, Flexible. G. A. Overstrom. 2,062,760; Dec. 1.
- Spring support for conductors. F. G. Bovard. 2,028,895; Jan. 28.
- Spring support for upholstered furniture, Sagless. S. S. Bernstein. 2,042,763; June 2.
- Spring suspension. H. L. Fairclough, Jr. 2,044,242; June 16.
- Spring suspension. M. Olley. 2,063,747; Dec. 8.
- Spring suspension. H. K. Reineehl and J. Kuttler. 2,065,094; Dec. 22.
- Spring suspension and drying means for motor vehicles, Combined. A. and W. J. Hulley. 2,055,439; Sept. 22.
- Spring suspension for vehicles. E. Favary. 2,050,693; Aug. 11.
- Spring suspension for vehicles. J. W. Kennedy. 2,050,099; Aug. 4.
- Spring suspension for vehicles, Central. C. Opolo. 2,047,286; July 14.
- Spring suspension mechanism for trucks, Four-wheel. L. D. Kay. 2,050,056; Aug. 4.
- Spring suspension, Vehicle. D. C. Corson. 2,052,698; Sept. 1.
- Spring system for railway car trucks. W. R. Hewitt. 2,044,503; June 16.
- Spring tool. J. Allievi and H. Cadorette. 2,042,287; May 26.
- Spring tool. E. J. Blomquist. 2,055,001; Sept. 22.
- Spring winding tool. J. Blaner. 2,052,443; Aug. 25.
- Springing arrangement for power-driven vehicles. M. Wagner. 2,045,210; June 23.
- Springing arrangement for vehicles. K. Babe. 2,059,908; Nov. 3.
- Springing arrangement for the wheels of vehicles. M. Wagner. 2,039,670; May 5.
- Springing arrangement for vehicles. F. Nallinger. 2,026,909; Jan. 7.
- Spring, Servicing covered vehicle. R. C. Jones. 2,050,572; Aug. 11.
- Spring together, Apparatus for tying coil. S. Krakauer and S. S. Marcus. 2,031,894; Feb. 25.
- Sprinkler. C. C. Armstrong. 2,033,107; Mar. 10.
- Sprinkler. I. Jepson and J. J. Sigman. 2,064,066; Dec. 15.
- Sprinkler. I. W. Knight. 2,046,169; June 30.
- Sprinkler. H. E. Meng. 2,056,290; Oct. 6.
- Sprinkler. H. V. Skinner. 2,057,851; Oct. 20.
- Sprinkler. L. Stanton. 2,052,673; Sept. 1.
- Sprinkler, Automatic lawn. W. H. Soper. 2,057,217; Oct. 13.
- Sprinkler, Full circle. W. V. E. Thompson. 2,065,161; Dec. 22.
- Sprinkler head. P. L. Irving and J. L. Gowie. 2,048,125; July 21.
- Sprinkler head. H. E. Meng. 2,032,064; Feb. 25.
- Sprinkler head for irrigation pipes. H. F. Congable. 2,062,779; Dec. 1.
- Sprinkler, Irrigation. W. Van E. Thompson. 2,047,716; July 14.
- Sprinkler, Lawn. L. E. Holland. 2,063,381; Dec. 8.
- Sprinkler, Lawn. J. P. Hubbell. 2,034,515; Mar. 17.
- Sprinkler, Lawn. K. J. Knuth. 2,050,659; Aug. 11.
- Sprinkler, Lawn. N. R. Moore. 2,030,605; Feb. 11.
- Sprinkler, Lawn or garden. H. M. Kilpatrick. 2,032,369; Mar. 3.
- Sprinkler, Loom. H. W. Webb. 2,027,567; Jan. 14.
- Sprinkler, Ornamental lawn. M. D. Vickery. 2,046,225; June 30.
- Sprinkler, Positive drive slow motion. W. A. Buckner. 2,051,287; Aug. 18.
- Sprinkler, Rotary traveling. W. A. Buckner. 2,054,554; Sept. 15.
- Sprinkler system. J. E. Wallace. 2,061,015; Nov. 17.
- Sprinkler system, Ship's. E. A. Pohlman. 2,051,103; Aug. 18.
- Sprinkler, Water. C. O. Wilson. 2,047,348; July 14.
- Sprinkler, Wide range. M. W. McArdle. 2,064,072; Dec. 15.
- Sprinkling attachment for hose. J. McDowell, J. F. McDowell, and E. McDowell. 2,028,555; Jan. 21.
- Sprocket attachment for tractors. G. J. Olson. 2,034,919; Mar. 24.
- Sprocket wheel. G. W. Wilmot. 2,038,695; Apr. 28.
- Spud structure. G. F. Driemeyer. 2,049,605; Aug. 4.
- Spun cakes produced by the centrifuge spinning process, Apparatus for the transportation and working off of. B. Borzykowski. 2,041,989; May 26.
- Sput and attaching the same to sheet metal containers, Metal. A. E. Jesser. 2,043,101; June 2.
- Square. H. P. Little. 2,058,330; Oct. 20.
- Square and slide rule, Combination. J. I. Easterly. 2,028,052; Jan. 14.
- Square, Coat gauging. J. Castronovo. 2,046,936; July 7.
- Squeezer for collapsible tubes. H. R. Hughes. 2,043,248; June 9.
- Squeezer for table use, Portable lemon slice. A. Wagner. 2,037,553; Apr. 14.
- Squids and the like, Making. C. T. Pfueger. 2,038,127; Apr. 21.
- Stabilized preparation. W. Schulemann and F. Schönhöfer. 2,041,436; May 19.
- Stabilizer for suction governors. A. A. Bull. 2,048,423; July 21.
- Stabilizing and gas conversion process, Combined. M. P. Youker. 2,040,455; May 12.
- Stabilizing device for picker sticks. B. Huggins. 2,027,691; Jan. 14.
- Stabilizing device for vehicles. J. Martin-Binachon. 2,063,719; Dec. 8.
- Stable preparations. L. Zeh and E. Konrad. 2,041,220; May 19.
- Stable reduction compounds of the 4,7,4',7'-tetra-alkyl-5,5'-dihalogen-thio-indigos and preparing them. K. Krauss and A. Hagenböcker. 2,045,475; June 23.
- Stable reduction compounds of the thioindigo series and preparing them. K. Krauss and A. Hagenböcker. 2,044,796; June 23.
- Stack, Venturi. G. M. Bicknell. 2,048,535; July 21.
- Stacker or loader. A. T. Fay, Jr. 2,065,673; Dec. 29.
- Stacking device. J. F. Peters. 2,054,831; Sept. 22.
- Stadia instrument. A. Langsner. 2,053,837; Sept. 8.
- Stadium, All weather. J. H. de Sibour and G. P. Marshall. 2,052,217; Aug. 25.
- Stain cover. L. L. Hazel. 2,030,294; Feb. 11.
- Stains from teeth, Removing. G. D. Laymon. 2,031,169; Feb. 18.
- Stairway, Collapsible. C. Traut. 2,050,593; Aug. 11.
- Stairway, Moving. J. Dunlop. 2,030,103; Feb. 11.
- Stairway, Moving. J. Dunlop. 2,060,491; Nov. 10.
- Stake, Cross bearer side. W. E. Wine. 2,033,566; Mar. 10.
- Stake, Tie rod holding. B. C. Briody. 2,046,303; June 30.
- Stalk gathering means for corn binders. A. Kowalsky. 2,062,581; Dec. 1.
- Stall construction. R. G. Ferris. 2,032,839; Mar. 3.
- Stall construction, Dairy. O. F. Shattuck. 2,046,585; July 7.
- Stamp. H. Schönfelder. 2,029,128; Jan. 28.
- Stamp canceller. E. Richmond. 2,032,551; Mar. 3.
- Stamp display and vending device. R. R. Williams. 2,044,141; June 16.
- Stamp gauge. J. R. Fiala. 2,054,697; Sept. 15.
- Stamp, Hand. I. Innes. 2,034,191; Mar. 17.
- Stamp, Printing. P. Beghetti. 2,030,044; Feb. 11.
- Stamp printing and value metering machine, Multidenominational. W. J. Pearson and T. I. Brown. 2,044,755; June 16.
- Stamp, Safety revenue, postage, and like. A. A. Wittnebel. 2,063,071; Dec. 8.
- Stamp support and pad. A. C. Johnson and T. M. Wroble. 2,040,940; May 19.



- Stamp. Time. A. C. Johnson and T. M. Wroble. 2,054,127; Sept. 15.
- Stamping and perforating device, Combined hot. H. Gould and F. Ackerman. 2,053,473; Sept. 8.
- Stamping device. M. D. Linn. 2,040,749; May 12.
- Stamping device, Hot. E. Roberts, Jr. 2,052,247; Aug. 25.
- Stamping machine. L. A. Kingsley. 2,047,373; July 14.
- Stamping machine, Multicolor. H. Gould and F. Ackerman. 2,065,690; Dec. 29.
- Stamping machine with movable stamp carriage for leather and like soft materials. J. Sandt. 2,055,051; Sept. 22.
- Stamps, Safety, revenue, postage, and like. A. A. Wittnebel. 2,064,281; Dec. 15.
- Stanchion. R. G. Ferris. 2,058,142; Oct. 20.
- Stanchion. J. Murphy. 2,063,263; Dec. 8.
- Stanchion, Cattle. J. Hope. 2,050,949; Aug. 11.
- Stand: See—
- Adjustable lamp stand. Hose holding stand.
  - Article storage and display stand. Iron stand.
  - Bench drill stand. Mortarboard stand.
  - Bicycle stand. Optical testing stand.
  - Christmas tree stand. Paper roll stand.
  - Display and conditioning stand. Pencil stand.
  - Display stand. Portable tube stand.
  - Electric iron stand. Sign display stand.
  - Flower stand. Smoking stand.
  - Fruit packer's stand. Steel stand.
  - Holder and display stand. Supporting stand.
  - Switch stand.
- Stand. J. E. McAllister. 2,056,681; Oct. 6.
- Stand. E. Pavlick. 2,056,311; Oct. 6.
- Stand and amplifier, Combined microphone. G. Sharpnack. 2,042,738; June 2.
- Stand and book-rack, Combination lamp. J. P. Golden and J. F. O'Neil. 2,032,086; Feb. 25.
- Stand and cabinet, Machine. J. E. Bales. 2,028,891; Jan. 28.
- Stand for collapsible tubes. A. Staeheli. 2,034,777; Mar. 24.
- Stand for electric lamps and for displaying articles, Adjustable and clampable. L. Kirschmann. 2,041,474; May 19.
- Stand for printing presses, Paper roll. M. Melnick. 2,047,280; July 14.
- Stand for X-ray apparatus and the like. G. Bucky. 2,031,097; Feb. 18.
- Stand or rack, Hat. D. Simon. 2,034,924; Mar. 24.
- Stand or similar article, Knock-down floor. A. Barron. 2,043,791; June 9.
- Standard, Adjustable lamp. E. Schwarz. 2,044,187; June 16.
- Staple. J. F. Cavanagh. 2,052,553; Sept. 1.
- Staple. S. A. Crosby. 2,033,613; Mar. 10.
- Staple-applying implement. A. H. Maynard and G. H. Harred. 2,055,257; Sept. 22.
- Staple driving machine. C. F. Kuch, Jr. 2,031,320; Feb. 18.
- Staple fiber, Manufacture of. W. I. Taylor. 2,037,835; Apr. 21.
- Staple making machine. M. Moffett. 2,048,459; July 21.
- Stapler for securing buckles or the like. C. E. Stainbrook. 2,054,994; Sept. 22.
- Stapling and tacking machine. A. L. Hansen. 2,055,380; Sept. 22.
- Stapling apparatus. H. T. Scott. 2,063,345; Dec. 8.
- Stapling device. E. C. Bunnell. 2,041,523; May 19.
- Stapling device. W. G. Pankonin. 2,033,049; Mar. 3.
- Stapling device. W. G. Pankonin. 2,056,480; Oct. 6.
- Stapling device. W. G. Pankonin. 2,059,020; Oct. 27.
- Stapling device. M. Vogel. 2,033,599; Mar. 10.
- Stapling machine. W. Barrett. 2,052,440; Aug. 25.
- Stapling machine. W. Drypolcher. 2,033,516; Mar. 10.
- Stapling machine. W. Drypolcher and A. I. Obstfeld. 2,037,461; Apr. 14.
- Stapling machine. G. J. Fodor. 2,040,647; May 12.
- Stapling machine. W. G. Pankonin. 2,042,958; June 2.
- Stapling machine. W. G. Pankonin. 2,059,021; Oct. 27.
- Stapling machine. W. G. Pankonin. 2,066,157; Dec. 29.
- Stapling machine. W. F. Weber. 2,033,018; Mar. 3.
- Stapling machine, Plier type. F. Polzer. 2,028,350; Jan. 21.
- Stapling mechanism, Rotary. C. G. Quick, D. A. Ball, and W. A. Whitehead. 2,043,558; June 9.
- Stapling or stitching, Method of and machine for. J. F. Cavanagh. 2,055,249; Sept. 22.
- Star finder. W. Bartky. 2,032,829; Mar. 3.
- Starch, Bleaching. O. A. Sjostrom. 2,052,320; Aug. 25.
- Starch extracting machine, Potato. C. K. Brandstrom. 2,058,560; Oct. 27.
- Starch from corn, Manufacture of. F. L. Jefferies. 2,050,330; Aug. 11.
- Starch in confectionery manufacture, Method and apparatus for handling. E. D. Rapisarda. 2,028,410; Jan. 21.
- Starch making system. F. L. Jefferies. 2,065,313; Dec. 22.
- Starch, Manufacture of. R. E. Greenfield. 2,058,683; Oct. 27.
- Starch manufacturing process. A. Peltz, Jr. 2,039,605; May 5.
- Starch, Method of and apparatus for applying. W. J. Bauer. 2,057,509; Oct. 13.
- Starch mill reel. K. R. Clendening. 2,055,119; Sept. 22.
- Starch, Preparing soluble. J. H. van der Meulen. 2,053,012; Sept. 1.
- Starch products, Preparing. J. H. van der Meulen. 2,053,013; Sept. 1.
- Starches, Treatment of. R. Hueter. 2,056,104; Sept. 29.
- Start and stop device, Automatic. S. Kohn. 2,056,010; Sept. 29.
- Starter and compressor, Combined engine. R. M. Nardone. 2,032,025; Feb. 25.
- Starter and generator drive for engines, Reversible. N. N. Tilley. 2,053,354; Sept. 8.
- Starter control, Automatic. P. H. Maurer. 2,035,820; Mar. 31.
- Starter control, Automatic. P. H. Maurer. 2,054,987; Sept. 22.
- Starter control, Automatic. P. H. Maurer. 2,064,350; Dec. 15.
- Starter control device for internal combustion engines. R. P. Ramsey. 2,033,052; Mar. 3.
- Starter control, Semiautomatic. M. P. Ferguson and P. H. Maurer. 2,059,328; Nov. 3.
- Starter drive. R. J. Quigley. 2,062,726; Dec. 1.
- Starter drive for automobile engines or the like. W. O. Rose. 2,057,633; Oct. 13.
- Starter drive for internal combustion engines. Y. Sekella. 2,062,430; Dec. 1.
- Starter, Electric. A. Callsen and A. Schmid. 2,041,225; May 19.
- Starter, Engine. J. A. Charter. 2,047,123; July 7.
- Starter, Engine. J. A. Charter and T. Spacie. 2,042,248; May 26.
- Starter, Engine. C. Cunnius. 2,027,860; Jan. 14.
- Starter, Engine. L. L. Curcuru. 2,048,783; July 28.
- Starter, Engine. R. P. Lansing. 2,031,269; Feb. 18.
- Starter, Engine. R. P. Lansing. 2,038,181; Apr. 21.
- Starter, Engine. R. P. Lansing. 2,054,381; Sept. 15.
- Starter, Engine. R. P. Lansing. 2,061,161; Nov. 17.
- Starter, Engine. W. L. McGrath. 2,064,382; Dec. 15.
- Starter, Engine. W. M. Reese. 2,041,861; May 26.
- Starter, Engine. Y. Sekella. 2,038,244; Apr. 21.
- Starter for engines. A. H. Abell. 2,064,099; Dec. 15.
- Starter for motors, Automatic. G. Roës. 2,053,634; Sept. 8.
- Starter for outboard motors, Self. L. J. Harmon. 2,042,841; June 2.
- Starter mechanism. O. Brisbois. 2,060,769; Nov. 10.
- Starter mechanism. W. T. Carle. 2,041,900; May 26.
- Starter, Wheel. G. B. Speir. 2,050,741; Aug. 11.
- Starting and ignition system. J. L. Arthur. 2,065,882; Dec. 29.
- Starting and ignition system for explosive engines. B. G. Richardson. 2,044,917; June 23.
- Starting and stopping mechanism. P. R. Glass. 2,044,501; June 16.
- Starting apparatus for internal combustion engines. C. S. Brown. 2,053,321; Sept. 8.
- Starting box for racing animals. W. M. Bacon, Jr. 2,043,918; June 9.
- Starting device. S. Hertz and M. P. Berger. 2,063,251; Dec. 8.
- Starting device. H. Ysskin. 2,058,754; Oct. 27.
- Starting device, Automatic. C. E. Markham. 2,053,094; Sept. 1.
- Starting device for automotive vehicles. J. J. Drabin. 2,038,552; Apr. 28.
- Starting device for internal combustion engines. A. Callsen. 2,052,127-8; Aug. 25.
- Starting device for internal combustion engines. C. F. Heywood. 2,046,073; June 30.
- Starting device for synchronous electric motors. P. O. Dorer and H. F. Landstad. 2,044,423; June 16.
- Starting device for synchronous motors, Automatic. R. H. Whitehead and W. E. Porter. 2,027,944; Jan. 14.
- Starting means for hydrocarbon engines, Automatic. B. A. Swennes. 2,060,955; Nov. 17.
- Starting means for vapor electric apparatus. L. W. Morton. 2,059,014; Oct. 27.
- Starting mechanism. J. A. Charter. 2,035,049; Mar. 24.
- Starting mechanism. R. P. Lansing. 2,064,669-70; Dec. 15.
- Starting mechanism. L. Martino. 2,065,948; Dec. 29.
- Starting mechanism. R. M. Nardone. 2,043,627; June 9.
- Starting mechanism, Engine. R. M. Nardone. 2,054,387; Sept. 15.
- Starting system. A. D. Dowd. 2,059,564; Nov. 3.
- Starting system. J. B. Fisher and M. Hofmann. 2,054,413; Sept. 15.
- Static and interference balance system. J. M. Kane. 2,031,607; Feb. 25.
- Static and other disturbances, Eliminating. C. Murray. 2,028,841; Jan. 28.
- Static balancing machine. J. L. Taylor. 2,060,958; Nov. 17.
- Static eliminator. H. J. McCoy. 2,042,792; June 2.
- Static neutralization. L. C. Bilstein. 2,048,490; July 21.
- Static polarization of alternating current apparatus. L. J. A. Le Goff. 2,058,697; Oct. 27.
- Station, Dirigible passenger. H. Rusch. 2,040,535; May 12.
- Station indicator. R. Briney. 2,048,176; July 21.
- Station indicator. S. G. Richards. 2,026,847; Jan. 7.
- Station indicator. A. A. Stone. 2,034,450; Mar. 17.
- Station-name indicator for radio receivers. J. L. Routin. 2,053,742; Sept. 8.



- Station selector, Automatic. J. H. Hammond, Jr. 2,052,708; Sept. 1.
- Station selector for radio receiver, Automatic. O. A. Carlson and L. Pratt. 2,047,853; July 14.
- Statistical card and record. R. E. Paris. 2,051,390; Aug. 18.
- Statistical machines, Sensing pin box for record car controlled. A. Thomas. 2,059,293; Nov. 3.
- Statistical tabulating and printing telegraph system. A. Bailey and H. M. Thomson. 2,034,791; Mar. 24.
- Stator frame and making same. J. G. Ritter. 2,053,444; Sept. 8.
- Stator structure for dynamo electric machines. L. P. Kongsted. 2,061,839; Nov. 24.
- Stave joint. C. J. Haley. 2,049,371; July 28.
- Stave machine. E. P. Everett. 2,056,657; Oct. 6.
- Stay for corsets, belts, and the like. V. A. Longaker. 2,044,436; June 16.
- Stay for windows or the like. J. M. R. Ring. 2,052,942; Sept. 1.
- Staybolt construction for boilers, Flexible. G. P. Robinson. 2,028,474; Jan. 21.
- Staying device for road guards. E. V. Camp. 2,049,352; July 28.
- Steadyrest, Hydraulically operated. R. A. Cole. 2,041,166; May 19.
- Steak and tendering the same, Tendered. A. J. Gurney. 2,046,118; June 30.
- Steam and water separator. J. Fletcher. 2,063,425; Dec. 8.
- Steam, Apparatus for desuperheating. W. P. Chandler, Jr. 2,062,397; Dec. 1.
- Steam, Apparatus for the generation of. O. Hartmann. 2,059,946; Nov. 3.
- Steam applicator employing ultraviolet light. F. R. Hart and S. W. Lasher. 2,047,470; July 14.
- Steam boiler. J. W. Armour. 2,028,036; Jan. 14.
- Steam boiler. F. H. Daniels. 2,030,503; Feb. 11.
- Steam boiler. D. S. Jacobus. 2,052,299; Aug. 25.
- Steam boiler. M. H. Kuhner. 2,050,615; Aug. 11.
- Steam boiler. J. J. Power. 2,061,087; Nov. 17.
- Steam boiler. T. B. Stillman. 2,048,039; July 21.
- Steam boiler, Water tube. S. R. Dight. 2,034,788; Mar. 24.
- Steam control apparatus. G. Mason. 2,041,296; May 19.
- Steam cooking and hot water heating system. Z. Kitamura. 2,034,473; Mar. 17.
- Steam cooling device, Superheated. H. J. Kerr. 2,063,441; Dec. 8.
- Steam cut-off control means, Locomotive. E. E. Chapman and H. H. Lenning. 2,060,278; Nov. 10.
- Steam engine. W. Skwierawski. 2,051,534; Aug. 18.
- Steam engine, Reciprocating. J. E. Johansson. 2,066,151; Dec. 29.
- Steam engine, Twin cylinder. J. M. Shimer. 2,027,843; Jan. 14.
- Steam friction motor, Rotary. C. W. Adair. 2,043,788; June 9.
- Steam generating and superheating installation. J. E. Wood. 2,065,782; Dec. 29.
- Steam generating apparatus. A. E. Duram. 2,034,717; Mar. 24.
- Steam generating furnace. G. A. Rehm. 2,051,459; Aug. 18.
- Steam generating plant. J. V. Blomquist. 2,056,598; Oct. 6.
- Steam generating plant. W. D. LaMont. 2,044,797; June 23.
- Steam generating unit. C. B. Aske, Jr. 2,047,848; July 14.
- Steam generator. J. P. Badenhansen. 2,029,010; Jan. 28.
- Steam generator. J. Buckley. 2,042,036; May 26.
- Steam generator. M. B. Carroll. 2,048,373; July 21.
- Steam generator. F. Michel. 2,035,908; Mar. 31.
- Steam generator. W. G. Noack. 2,046,530; July 7.
- Steam generator. H. J. Schneider. 2,028,925; Jan. 28.
- Steam generator. H. J. Schneider. 2,029,838; Feb. 4.
- Steam generator. H. C. Truelsen. 2,052,856; Sept. 1.
- Steam generator. W. R. Wood. 2,044,270; June 16.
- Steam generator for forming and pressing devices. S. Dowinsky. 2,039,892; May 5.
- Steam generator, Forced flow. F. Hodgkinson. 2,056,519; Oct. 6.
- Steam generator, Heavy duty. R. Biersack and K. Schröder. 2,037,493; Apr. 14.
- Steam generator of the once through type. H. C. Egloff. 2,028,504; Jan. 21.
- Steam generator of the water tube type. A. Lieberherr. 2,027,443; Jan. 14.
- Steam generator reheater. D. J. Mosshart and R. A. Foreman. 2,064,444; Dec. 15.
- Steam generators, Method and apparatus for operating. O. B. Campbell. 2,061,831; Nov. 24.
- Steam heating apparatus, Electric. R. A. Carleton. 2,033,111; Mar. 10.
- Steam heating apparatus, Vacuum. I. C. Jennings. 2,065,704; Dec. 29.
- Steam heating plant. G. A. Castellazzi. 2,057,416; Oct. 13.
- Steam heating system. F. I. Raymond. 2,027,881; Jan. 14.
- Steam heating system. T. O. Theobald. 2,033,012; Mar. 3.
- Steam heating system. H. G. Thomas. 2,060,265; Nov. 10.
- Steam locomotive engine. O. W. Young. 2,060,479; Nov. 10.
- Steam, Method and apparatus for generating. W. D. LaMont. 2,038,580; Apr. 28.
- Steam or hot water boiler. J. W. Lockett. 2,027,345; Jan. 7.
- Steam power plant system, Multistage. W. Beyer. 2,050,259; Aug. 11.
- Steam, Process and apparatus for washing. H. P. Angermueller. 2,055,781; Sept. 29.
- Steam purification. J. E. Wood. 2,059,544; Nov. 3.
- Steam temperature, Regulation of. W. H. Armacost. 2,032,391; Mar. 3.
- Steam to the radiators of steam heating systems, Supplying. F. I. Raymond. 2,027,880; Jan. 14.
- Steam trap. G. F. Gerdtts. 2,040,735; May 12.
- Steam trap. J. F. McKee. 2,051,732; Aug. 18.
- Steam trap. W. K. Simpson. 2,043,074; June 2.
- Steam trap. H. E. Spade. 2,053,641; Sept. 8.
- Steam valve gear. J. Helenberg. 2,036,631; Apr. 7.
- Steam washer. H. J. Kerr. 2,058,239; Oct. 20.
- Steam washing machine. J. Kampschulte. 2,045,085; June 23.
- Steamer and preheater for corrugating machines. W. C. George. 2,065,576; Dec. 29.
- Steamer, Service station. H. L. Schlosser. 2,060,638; Nov. 10.
- Steaming apparatus for permanent hair waving. F. V. Schleimer. 2,062,613; Dec. 1.
- Steel adapted to be used for articles exposed to high temperatures, Chromium aluminium. E. Scheil. 2,043,631; June 9.
- Steel alloy. W. R. Fleming. 2,051,991; Aug. 25.
- Steel and its production, Nitrided. W. Kroll. 2,029,724; Feb. 4.
- Steel and the like, Annealing. J. C. Kientz, Jr. 2,045,392; June 23.
- Steel and welding rod, Chromium alloy. F. M. Becket and R. Franks. 2,056,765; Oct. 6.
- Steel, Apparatus for heat treating. F. J. Winder. 2,041,313; May 19.
- Steel, Apparatus for making open-hearth. M. J. Conway. 2,027,151; Jan. 7.
- Steel beam or spring. R. T. Glascoedine. 2,058,076; Oct. 20.
- Steel billets, Apparatus for working standard. L. Layton. 2,059,124; Oct. 27.
- Steel billets, Working standard. L. Layton. 2,057,580; Oct. 13.
- Steel, Cast. R. H. McCarroll and G. Vennerholm. 2,035,394; Mar. 24.
- Steel centering. A. K. Wetzig. 2,048,582; July 21.
- Steel, Coloring and hardening. H. J. N. Voltmann. 2,032,963; Mar. 3.
- Steel dam. J. Fultner, G. G. Krivoshein, and J. Sekla. 2,033,027; Mar. 3.
- Steel die block. P. F. M. Aubert. 2,033,915; Mar. 17.
- Steel for hardening, Heating. F. Jarvis. 2,032,700; Mar. 3.
- Steel for railroad rails, wheel tires, plankpiles and other objects which are subjected to heavy wear. H. Buchholz. 2,041,635; May 19.
- Steel, Hardening cobalt. E. H. Harrington. 2,043,533; June 9.
- Steel, Heat treating. A. A. Frey and S. L. Burgwin. 2,050,305; Aug. 11.
- Steel, Hot work. F. F. McIntosh. 2,053,800; Sept. 8.
- Steel ingot. J. E. Perry and W. H. Ramage. 2,028,244; Jan. 21.
- Steel, Making manganese chromium. G. P. Messenger. 2,064,441; Dec. 15.
- Steel making slags, Treating. A. B. Kinzel. 2,027,868; Jan. 14.
- Steel member, Structural. A. Henderson. 2,042,463; June 2.
- Steel, Method and apparatus for heat treating high speed. C. B. Sadtler. 2,027,065; Jan. 7.
- Steel, Method of and apparatus for cleaning stainless. J. D. Kelvie. 2,037,633; Apr. 14.
- Steel, Method of and mechanism for forming hardened. R. C. Angell. 2,032,901; Mar. 3.
- Steel parts, Heat treating welded. C. L. Delachaux. 2,032,977; Mar. 3.
- Steel process, Basic open hearth. E. Cook. 2,046,811; July 7.
- Steel retainer. G. H. Fuehrer. 2,045,296; June 23.
- Steel retainer, Drill. W. A. Smith, Jr., and H. J. Schorle. 2,047,651; July 14.
- Steel stand, Collapsible and adjustable. Delmo Befera. 2,036,113; Mar. 31.
- Steel strip, Cold-rolling. W. O. Everling. 2,050,046; Aug. 4.
- Steel treating. W. S. Bidle. 2,044,561; June 16.
- Steel, Treating. G. A. Lyon. 2,059,468; Nov. 3.
- Steel, Treating austenitic. E. C. Bain and R. H. Aborn. 2,044,743; June 16.
- Steel, Treating molten. A. A. Claassen. 2,027,300; Jan. 7.
- Steel, Treatment of. M. G. Fowler and L. M. Barker. 2,040,515; May 12.
- Steels in silicon, Enriching. R. Perrin. 2,050,460; Aug. 11.



- Steels Thermally treating quenched and hardened. II. Styri. 2,041,649; May 19.
- Steels, Welding chromium-nickel-titanium. F. M. Becket and R. Franks. 2,054,403; Sept. 15.
- Steeping press. T. F. Stacy. 2,027,252; Jan. 7.
- Steering accessory. J. L. Barr and J. C. Houghton. 2,047,818; July 14.
- Steering and controlling mechanism for crawler tread vehicles. G. H. Olson and H. N. Ekbohm. 2,033,996; Mar. 17.
- Steering apparatus. H. C. Bowen. 2,049,192; July 28.
- Steering apparatus. R. C. Russell. 2,053,301; Sept. 8.
- Steering arrangement for power-driven vehicles. K. Rabe. 2,044,809; June 23.
- Steering control, Automatic. J. B. Henderson. 2,049,375; July 28.
- Steering control for motor vehicles, Auxiliary. W. G. Van Voorhis. 2,058,533; Oct. 27.
- Steering controller. A. A. Friestedt. 2,060,804; Nov. 17.
- Steering controller. A. A. Friestedt. 2,063,920; Dec. 15.
- Steering controller. A. A. Friestedt. 2,064,600; Dec. 15.
- Steering device, Automatic. M. Kerzak. 2,047,875; July 14.
- Steering device for boats. C. M. Wellons. 2,043,276; June 9.
- Steering device for motor vehicles. H. A. Centervall. 2,065,513; Dec. 29.
- Steering device for ships, Hand electric. F. S. Hodgman. 2,045,775; June 30.
- Steering device for vehicles. J. Ganz. 2,030,441; Feb. 11.
- Steering device, Safety. G. W. Huff. 2,052,094; Aug. 25.
- Steering gear. B. W. Twyman. 2,045,811; June 30.
- Steering gear. J. A. Wilhelm and C. L. Blakely. 2,044,893; June 23.
- Steering gear, Hydraulic. H. F. Vickers. 2,030,902; Feb. 18.
- Steering handle. W. L. Gordon and H. L. Johnson. 2,041,704; May 26.
- Steering indicator. G. H. Cole. 2,048,429; July 21.
- Steering mechanism. C. S. Bragg. 2,051,816; Aug. 25.
- Steering mechanism. W. A. Eaton. 2,037,505; Apr. 14.
- Steering mechanism. W. A. Eaton. 2,053,272; Sept. 8.
- Steering mechanism. C. V. Koons. 2,029,378; Feb. 4.
- Steering mechanism. O. F. Lundelius and M. N. Lefler. 2,030,822; Feb. 11.
- Steering mechanism. A. Neveu. 2,032,146; Feb. 25.
- Steering mechanism. H. E. Pulleyblank. 2,065,611; Dec. 29.
- Steering mechanism. T. J. Turek. 2,062,405; Dec. 1.
- Steering mechanism. S. Vorech. 2,061,120; Nov. 17.
- Steering mechanism, Auxiliary hydraulic. E. T. Hodge and G. F. McDougall. 2,028,451; Jan. 21.
- Steering mechanism for four-wheeled vehicles. R. B. Ransom. 2,042,482; June 2.
- Steering mechanism for motor vehicles. W. F. Strehlow. 2,039,749; May 5.
- Steering mechanism for vehicles, etc. W. O. Tait, Jr. 2,048,978; July 28.
- Steering mechanism, Power operated. B. D. Woolley. 2,062,774; Dec. 1.
- Steering of ships, Automatic. E. Smola. 2,063,765; Dec. 8.
- Steering stabilizer. J. E. Clark. 2,047,059; July 7.
- Steering stabilizer, Hydraulic. W. J. MacLellen. 2,058,384; Oct. 20.
- Steering unit joint. G. H. Hufferd and D. H. Newey. 2,049,502; Aug. 4.
- Steering wheel. C. W. Beck. 2,041,738-9; May 26.
- Steering wheel assembly for juvenile vehicles. C. J. Dennehy. 2,033,818; Mar. 10.
- Steering wheel cover. J. R. Summers. 2,058,740; Oct. 27.
- Steering wheel for automobiles, Shock-absorbing. W. W. Hamill. 2,045,227; June 23.
- Steering wheel, Reinforced. G. J. Pannecoucke. 2,041,205; May 19.
- Stem for electron discharge devices. G. M. Rose, Jr. 2,030,185; Feb. 11.
- Stem making apparatus. G. M. Rose. 2,030,186; Feb. 11.
- Stem straightener, Grief. R. C. Baker. 2,060,013; Nov. 10.
- Stemming machine construction. J. C. Kinker, Jr. 2,039,085; Apr. 28.
- Stencil. A. M. Gomes. 2,056,427; Oct. 6.
- Stencil. W. J. Pannier, Jr., and O. M. Pannier. 2,057,788; Oct. 20.
- Stencil device, Multi-stamp automatic inking. O. E. Borowetz. 2,052,864; Sept. 1.
- Stencil film, Lenticular. J. Eggert and G. Heymer. 2,064,058; Dec. 15.
- Stencil, Fingernail. W. Konecke. 2,055,357; Sept. 22.
- Stencil, Finishing. S. A. O'Donnell. 2,031,225; Feb. 18.
- Stencil, Manufacture of a. M. C. Beebe. 2,038,339; Apr. 21.
- Stencil moistening machine and stencil therefor. H. P. Elliott. 2,049,537; Aug. 4.
- Stencil printing apparatus. H. P. Elliott. 2,054,695; Sept. 15.
- Stencil printing apparatus and stencil for use in same, Selective. H. P. Elliott. 2,053,071; Sept. 1.
- Stencil-printing machine. S. Rodman. 2,044,738; June 16.
- Stencil sheets, Manufacture of. B. Hagg. 2,052,291; Aug. 25.
- Stencil screen. H. E. Playford, R. H. Hoge, and C. Cone. 2,064,764; Dec. 15.
- Stenciling apparatus. F. B. McQuiston and E. M. Hommel. 2,054,435; Sept. 15.
- Stenciling device. S. G. Johnson. 2,043,438; June 9.
- Stenciling machines and the like, Preselecting device for sheet-feeding mechanisms of. A. A. Roy. 2,042,734; June 2.
- Stenciling, Method of and apparatus for. E. M. Hommel and E. E. Hicks. 2,027,102; Jan. 7.
- Stencils, Building-up and fixing the contour of. T. C. Simpson. 2,054,914; Sept. 22.
- Stencils for printing textile fabrics, Producing. J. Kessel. 2,034,437; Mar. 17.
- Stenotype copy holder. H. J., Sr., H. J., Jr., and R. A. Greene. 2,048,259; July 21.
- Step for moving stairways. H. W. Shonnard. 2,033,308; Mar. 10.
- Step for streamline railway cars, Retractable. I. G. Lindstedt. 2,037,805; Apr. 21.
- Step for vehicles and the like, Retractable. E. E. Stiner. 2,029,745; Feb. 4.
- Step for vehicles, Folding. J. H. Goss and J. D. Snyder. 2,041,640; May 19.
- Step, Portable cast reenforced concrete. H. Schiele. 2,044,260; June 16.
- Step, Wall. C. W. Grove. 2,064,803; Dec. 15.
- Stereofluoroscopic apparatus. J. W. M. du Mond. 2,063,989; Dec. 15.
- Stereograph, Apparatus for making a composite. D. F. W. Coffey. 2,063,985; Dec. 15.
- Stereopticon slide. S. M. Gertz. 2,041,466; May 19.
- Stereoscopic effects, Method and apparatus for producing. N. Arfsten. 2,029,300; Feb. 4.
- Stereoscopic effects, Obtaining. F. Louisot. 2,063,004; Dec. 1.
- Stereoscopic positives from negatives, Apparatus for making. E. E. Draper. 2,061,729; Nov. 24.
- Stereoscopic projection. A. L. Barnes. 2,053,689; Sept. 8.
- Stereotype mat. A. W. Schorger. 2,041,092; May 19.
- Stereotype matrices, Method and apparatus for preparing. H. Fankboner. 2,027,524; Jan. 14.
- Stereotype metal distributor, Flat. W. L. Crawford. 2,064,734; Dec. 15.
- Stereotype plate. F. A. Foster. 2,052,758; Sept. 1.
- Stereotype plate. G. H. Fuller. 2,038,104; Apr. 21.
- Stereotype plate clamping means. H. A. W. Wood. 2,065,002; Dec. 22.
- Stereotype plate shaving machine. C. S. Crafts. 2,050,829; Aug. 11.
- Stereotype plate trimming machine. E. J. Smith. 2,061,292; Nov. 17.
- Stereotype plates, Mechanism for finishing. C. A. Harless. 2,055,349; Sept. 22.
- Sterilizer. H. B. Tyler. 2,029,844; Feb. 4.
- Sterilizer and drier, Dish. E. J. Drake. 2,054,366; Sept. 15.
- Sterilizing by heated air, Apparatus for. K. Jandat. 2,065,895; Dec. 29.
- Sterilizer, Ultraviolet. O. J. Moehler. 2,056,614; Oct. 6.
- Sterilizer, Water. R. L. Jewell. 2,044,433; June 16.
- Sterilizing apparatus. J. E. Myers. 2,030,314; Feb. 11.
- Sterilizing device. D. S. Stevens and R. S. Wolf. 2,028,256; Jan. 21.
- Sterilizing vacuum cleaner dirt receptacles. I. Stone. 2,061,176; Nov. 17.
- Stethoscope, Amplifying. J. Weinstein. 2,035,034; Mar. 24.
- Stethoscope, Electric. L. C. Hogle. 2,058,796; Oct. 27.
- Stick, Fertilizing. L. C. Antrim. 2,032,608; Mar. 3.
- Stick, Foot measuring. H. N. Wheeler. 2,037,646; Apr. 14.
- Stick, Hockey. Z. A. Hall. 2,040,132; May 12.
- Stick holder. S. Isenberg. 2,044,354; June 16.
- Stick, Sports. J. D. Watterson. 2,033,408; Mar. 10.
- Stick, Walking. P. Marinacci. 2,055,845; Sept. 29.
- Stiffener, Collar point. J. De Benedetti. 2,032,266; Feb. 25.
- Stiffening material. E. H. Cameron. 2,027,957; Jan. 14.
- Stiffening material. J. Fausse. 2,027,968; Jan. 14.
- Stiffening material. R. Hamilton. 2,027,973; Jan. 14.
- Stiffening of double collars. R. Hönigsberg. 2,031,776; Feb. 25.
- Stiffness of flexible materials, Apparatus for measuring. R. F. Taber. 2,063,275; Dec. 8.
- Still and furnace construction, Tube. J. S. Wallis and S. B. de Bence. 2,028,305; Jan. 21.
- Still header, Pressure. S. H. Edwards. 2,026,674; Jan. 7.
- Still, Oil cracking. W. T. Hancock. 2,034,094; Mar. 17.
- Still or heater and the like, Tube. P. Ostergaard. 2,035,337; Mar. 24.
- Still, Tube. W. T. Hancock. 2,048,547; July 21.
- Still, Tube. W. T. Hancock. 2,060,306; Nov. 10.
- Stills, Method and apparatus for firing oil. C. H. Thayer. 2,029,956; Feb. 4.
- Stilt. F. J. Curtis. 2,057,013; Oct. 13.
- Stirrups for floor exercise. J. A. Fleming. 2,050,652; Aug. 11.
- Stitch and combined cuff and glove or mitten. C. F. Ganson. 2,050,998; Aug. 11.
- Stitch-forming machine. P. H. Dixon. 2,057,884; Oct. 20.
- Stitches, Method of and machine for effecting combined fastening and seam covering. E. Bucher. 2,044,275; June 16.
- Stitching and producing same, Ornamental. J. A. Goodman. 2,058,308; Oct. 20.



- Stitching machine. C. L. Flindt. 2,041,405; May 19.  
 Stitching machine. W. Rose. 2,057,920; Oct. 20.  
 Stitching mechanism, Zigzag. C. C. Smith. 2,027,887; Jan. 14.  
 Stock bending and shaping device. F. Suhl. 2,034,316; Mar. 17.  
 Stock cutting mechanism. N. Rubin. 2,045,928; June 30.  
 Stock feeding and gripping device. J. J. N. Van Hamersveld. 2,035,354; Mar. 24.  
 Stock feeding mechanism. F. L. Cone. 2,045,070; June 23.  
 Stock feeding mechanism. J. E. Lovely. 2,065,083; Dec. 22.  
 Stock former. A. E. Borton. 2,060,794; Nov. 17.  
 Stock inlet control for paper making machines. R. T. Lang. 2,028,673; Jan. 21.  
 Stock, Method and apparatus for shaping. G. B. Coe. 2,040,361; May 12.  
 Stock, Method of and apparatus for working paper. A. J. Haug. 2,066,107; Dec. 29.  
 Stock quotation machine. A. D. Eitzen. 2,052,390; Aug. 25.  
 Stock quotation projecting device. A. D. Eitzen. 2,026,522; Jan. 7.  
 Stock quotation projecting machine. A. D. Eitzen. 2,045,537-8; June 23.  
 Stock quotation system. H. H. Abbott. 2,060,545; Nov. 10.  
 Stock quotation system. H. C. Robinson and J. I. Belamy. 2,049,627; Aug. 4.  
 Stock regulator. W. P. Feeney. 2,063,595; Dec. 8.  
 Stock selecting and indicating system. R. Steeneck. 2,034,064; Mar. 17.  
 Stock sheets and article of manufacture, Making cut-embossing. G. Papp. 2,043,809; June 9.  
 Stock stop device for presses. W. Melin. 2,059,010; Oct. 27.  
 Stock ticker and tape puller. A. D. Eitzen. 2,051,691; Aug. 18.  
 Stock tube support. C. A. Rich. 2,062,727; Dec. 1.  
 Stock working machine. R. A. Gorsline and H. A. Ladue. 2,058,680; Oct. 27.  
 Stocking. E. J. Berger. 2,038,407; Apr. 21.  
 Stocking. R. Bloch. 2,053,761; Sept. 8.  
 Stocking. J. E. Quinn. 2,033,647; Mar. 10.  
 Stocking. J. E. Quinn. 2,057,056; Oct. 13.  
 Stocking. G. Stiegler. 2,057,929; Oct. 20.  
 Stocking and blank therefor and making same, Flat-knit non-run or strongly run-resistant. E. E. Carlson. 2,037,000; Apr. 14.  
 Stocking ankle fabric. H. W. Roesener. 2,048,296; July 21.  
 Stocking, Knee length. E. R. Meinig. 2,040,562; May 12.  
 Stocking welt. E. O. Nebel. 2,035,826; Mar. 31.  
 Stocking with elastic areas. E. J. Martel. 2,050,535; Aug. 11.  
 Stockings. Creep eliminator for. K. E. Reid. 2,054,137; Sept. 15.  
 Stoker. H. P. Anderson. 2,033,062; Mar. 3.  
 Stoker. W. D. Burton. 2,033,919; Mar. 17.  
 Stoker. S. G. Buskard. 2,039,389; May 5.  
 Stoker. O. E. Bornhauser. 2,061,450; Nov. 17.  
 Stoker. W. T. Capps. 2,029,519; Feb. 4.  
 Stoker. W. T. Hanna. 2,044,001; June 16.  
 Stoker. W. T. Hanna. 2,051,040; Aug. 18.  
 Stoker, C. T. Hansen. 2,038,428; Apr. 21.  
 Stoker. W. R. Mittendorf. 2,033,890; Mar. 10.  
 Stoker. J. W. Myers. 2,034,590; Mar. 17.  
 Stoker. F. R. Nelson. 2,037,260; Apr. 14.  
 Stoker. W. C. Peyton. 2,058,255; Oct. 20.  
 Stoker. L. R. Stowe. 2,026,805; Jan. 7.  
 Stoker. C. J. Surdykowski. 2,064,277; Dec. 15.  
 Stoker. E. A. Turner. 2,053,751; Sept. 8.  
 Stoker and fire door, Combined. O. Moeller and P. A. Ketchpel. 2,051,882; Aug. 25.  
 Stoker and fire door, Combined. E. A. Turner. 2,033,053-4; Mar. 3.  
 Stoker, Automatic. C. C. Larsen. 2,055,579; Sept. 29.  
 Stoker, Automatic. J. P. Norton. 2,041,204; May 19.  
 Stoker, Blast feed. H. P. Anderson. 2,039,380; May 5.  
 Stoker, Coal. W. M. Cross, Jr., C. G. Buder, and V. C. Norquist. 2,028,274; Jan. 21.  
 Stoker, Coal burning. H. F. Yerges. 2,051,282; Aug. 18.  
 Stoker construction. R. L. Beers. 2,065,552-3; Dec. 29.  
 Stoker construction. R. L. Beers. 2,065,555; Dec. 29.  
 Stoker construction. W. T. Hanna. 2,051,850; Aug. 25.  
 Stoker construction. W. T. Hanna. 2,060,307; Nov. 10.  
 Stoker control, Thermostatic. W. M. Cross, Jr. 2,047,579; July 14.  
 Stoker controlling device. H. S. Morton. 2,031,120; Feb. 18.  
 Stoker conveyer. H. P. Anderson. 2,032,338; Feb. 25.  
 Stoker conveyer. H. P. Anderson. 2,056,243; Oct. 6.  
 Stoker conveyer. N. M. Lower. 2,032,944; Mar. 3.  
 Stoker conveyer. O. Moeller. 2,059,705; Nov. 3.  
 Stoker drive. W. W. Peck. 2,062,477; Dec. 1.  
 Stoker for coal burners, Automatic. T. C. Gower. 2,028,977; Jan. 28.  
 Stoker for furnaces, Mechanical. J. Wynn, Jr. 2,034,890; Mar. 24.  
 Stoker furnace. J. S. Bennett. 2,053,863; Sept. 8.  
 Stoker, Furnace. H. E. Preston. 2,062,762-3; Dec. 1.  
 Stoker, Locomotive. H. P. Anderson. 2,044,043; June 16.  
 Stoker, Locomotive. P. A. Ketchpel. 2,053,722; Sept. 8.  
 Stoker, Locomotive. H. E. Lippert. 2,039,324; May 5.  
 Stoker, Locomotive. N. M. Lower. 2,051,956; Aug. 25.  
 Stoker, Locomotive. M. Rivkin. 2,035,722; Mar. 31.  
 Stoker, Locomotive. H. W. Snyder. 2,044,109; June 16.  
 Stoker, Locomotive. C. J. Surdy. 2,050,984; Aug. 11.  
 Stoker, Locomotive. E. A. Turner and C. J. Surdy. 2,050,983; Aug. 11.  
 Stoker, Locomotive. W. N. Wright. 2,064,283; Dec. 15.  
 Stoker, Marine. H. P. Anderson. 2,039,286; May 5.  
 Stoker, mechanical. W. E. Demill. 2,049,833; Aug. 4.  
 Stoker, Mechanical. J. A. Hoffman. 2,027,591; Jan. 14.  
 Stoker, Mechanical. J. B. MacKenzie. 2,036,590; Apr. 7.  
 Stoker, Mechanical. A. C. Schickler. 2,056,538; Oct. 6.  
 Stoker, Mechanical. H. Webster and L. W. Heller. 2,057,622; Oct. 13.  
 Stoker, Mechanical coal. R. Johnson. 2,055,725; Sept. 29.  
 Stoker, Mechanical underfeed. E. C. Sévellec. 2,034,448; Mar. 17.  
 Stoker-mechanism. H. P. Anderson. 2,036,908; Apr. 7.  
 Stoker mechanism. H. P. Anderson. 2,051,809; Aug. 25.  
 Stoker mechanism. A. M. Hunt. 2,050,842; Aug. 11.  
 Stoker mechanism. P. A. Ketchpel. 2,044,308; June 16.  
 Stoker mechanism. F. P. Roesch. 2,056,368; Oct. 6.  
 Stoker mechanism. C. J. Surdy and E. A. Turner. 2,061,783; Nov. 24.  
 Stoker, Multiple underfeed. B. F. Harrison. 2,029,296; Feb. 4.  
 Stoker operating mechanism. R. S. Miller. 2,055,041; Sept. 22.  
 Stoker, Ratchet feed. A. B. Fisher. 2,038,929; Apr. 28.  
 Stoker structure, Locomotive tender. W. M. Sheehan. 2,058,730; Oct. 27.  
 Stoker, Underfeed. C. H. Hall. 2,033,706; Mar. 10.  
 Stoker, Underfeed. G. M. Seaman. 2,063,347; Dec. 8.  
 Stoker, Underfeed. C. A. Warg. 2,062,076; Nov. 24.  
 Stokers, Apparatus for controlling. J. R. Brownell and C. B. Little. 2,064,193; Dec. 15.  
 Stokers, Method and apparatus for controlling combustion in multiple and single retort. W. A. Riddell. 2,049,976; Aug. 4.  
 Stoking device. F. L. Balzer. 2,061,130; Nov. 17.  
 Stoking device. W. MacNerland. 2,039,431; May 5.  
 Stone and its removal from the mold, Making artificial. C. B. White. 2,053,858; Sept. 8.  
 Stone, Coloring. C. E. Cleveland. 2,062,865; Dec. 1.  
 Stone cutting or breaking machine. A. R. Patterson. 2,053,043; Sept. 1.  
 Stone, Grinding. W. H. McGill. 2,035,173; Mar. 24.  
 Stone, mucking machine. P. Yannes. 2,051,629; Aug. 18.  
 Stone picker. L. Schema. 2,042,193; May 26.  
 Stone, Producing artificial. E. H. Eichert. 2,057,330; Oct. 13.  
 Stone spreading machine. J. N. Heltzel. 2,065,698; Dec. 29.  
 Stones of plastic material and supplying the stones with indicia, Forming. J. P. McDonald. 2,039,488; May 5.  
 Stool and auxiliary pedal for pianos. Y. Miyashita. 2,030,929; Feb. 18.  
 Stool and basket, Combined tilting. T. T. Greenwood. 2,049,539; Aug. 4.  
 Stool and carrier, Combination. R. E. Moreland. 2,031,119; Feb. 18.  
 Stool and cradle, Rocking. D. Mansberger. 2,036,157; Mar. 31.  
 Stool, Coaster. J. Lang. 2,033,037; Mar. 3.  
 Stool, Doctor's. F. Sellar. 2,038,806; Apr. 28.  
 Stool, Ingot mold. E. Gathmann. 2,053,028; Sept. 1.  
 Stool, Massaging and treatment. P. E. Erickson. 2,047,316; July 14.  
 Stool, Milking. C. A. Loveland. 2,054,262; Sept. 15.  
 Stool, Milking. C. A. McNeff. 2,060,099; Nov. 10.  
 Stool or chair, Folding. E. T. Skidmore. 2,045,029; June 23.  
 Stool to support molds for casting metal. C. H. Aldrich. 2,039,872; May 5.  
 Stop and holder, Door. B. L. Craighead. 2,042,297; May 26.  
 Stop and holder for closures. J. P. Luby. 2,048,274; July 21.  
 Stop, Car. W. Pilkington. 2,037,589; Apr. 14.  
 Stop clamp. H. P. Phillips. 2,038,235; Apr. 21.  
 Stop device, Automatic. F. J. Burns. 2,054,240; Sept. 15.  
 Stop device for automobiles. S. Di Renzo. 2,066,199; Dec. 29.  
 Stop device for tabulating machines, Automatic. W. W. Lasker. 2,034,102; Mar. 17.  
 Stop, Door. L. A. Falcone. 2,055,743; Sept. 29.  
 Stop, Door. F. J. Plyn. 2,041,430; May 19.  
 Stop, Flexible internal. J. J. McMahon. 2,031,424; Feb. 18.  
 Stop flutter device. J. A. Roche. 2,038,603; Apr. 28.  
 Stop for bag closing machines, Safety. H. F. Briggs. 2,042,827; June 2.  
 Stop for cultivator shovels, Earth dirt. J. A. Dutour. 2,065,174; Dec. 22.  
 Stop for motion picture apparatus, Safety. J. E. Litz. 2,047,694; July 14.  
 Stop, Hydraulic spindle. H. Ernst and C. W. Goodrich. 2,043,406; June 9.  
 Stop mechanism for loopers. T. H. De Spain. 2,041,673; May 19.



- Stop motion. G. M. Arragg. 2,044,238; June 16.  
 Stop motion. W. W. Collins. 2,047,547; July 14.  
 Stop motion. W. A. Zieve. 2,064,869; Dec. 22.  
 Stop motion for multiple thread feeding apparatus. E. W. Simpson. 2,050,389; Aug. 11.  
 Stop motion for terry towel looms, Electric warp. O. V. Payne. 2,065,731; Dec. 29.  
 Stop motion spinning. F. T. Noah. 2,050,580; Aug. 11.  
 Stop motions of textile apparatus. I. Blum. 2,039,209; Apr. 28.  
 Stop-off for centrifugal casting molds. R. H. Eurich and B. F. Anthony. 2,030,105; Feb. 11.  
 Stop, Roll back. L. H. Browne. 2,038,987; Apr. 28.  
 Stop signal. N. S. Hillyard. 2,041,178; May 19.  
 Stop, Window. H. E. Barnett. 2,064,721; Dec. 15.  
 Stopper. H. M. Sacks. 2,038,858; Apr. 28.  
 Stopper, Automatic bottle. J. B. Della Libera y Silicani. 2,031,821; Feb. 25.  
 Stopper, Bathtub. G. J. Morris. 2,044,253; June 16.  
 Stopper, Bottle. A. B. Dodge. 2,031,880; Feb. 25.  
 Stopper, Bottle. T. W. Miller. 2,044,914; June 23.  
 Stopper, Bottle. R. B. Teamer. 2,048,525; July 21.  
 Stopper, Ink bottle. A. W. Keuffel and J. J. Lippoth. 2,066,007; Dec. 29.  
 Stopper, Milk bottle. A. A. Prevost. 2,052,941; Sept. 1.  
 Stopper, Nonrefillable bottle. W. H. Kern. 2,031,715; Feb. 25.  
 Stopper, Nonrefillable bottle and container. L. Amaru. 2,031,446; Feb. 18.  
 Stopper seal for bottles, Tamperproof. W. P. Carroll and W. A. Stattmann. 2,056,253; Oct. 6.  
 Stopper with pull wire and making same, Bottle. W. B. Henry. 2,052,767; Sept. 1.  
 Storage and dispensing apparatus for liquefied gases. L. J. White. 2,042,439; May 26.  
 Storage and utilization equipment, Consumer's liquefied petroleum gas. R. W. Thomas. 2,047,339; July 14.  
 Storage battery. E. W. Allen. 2,027,262; Jan. 7.  
 Storage battery. J. W. Allen. 2,055,645; Sept. 29.  
 Storage battery. C. J. Dunzweiler and A. C. Zachlin. 2,042,515; June 2.  
 Storage battery. C. J. Dunzweiler and A. C. Zachlin. 2,049,200; July 28.  
 Storage battery. A. G. N. Gallant. 2,065,444; Dec. 22.  
 Storage battery. C. D. Galloway. 2,035,744; Mar. 31.  
 Storage battery. H. E. Haring. 2,042,840; June 2.  
 Storage battery. W. E. Reinhardt. 2,030,716-17; Feb. 11.  
 Storage battery. N. D. Sturges. 2,035,995; Mar. 31.  
 Storage battery charge indicator. F. J. Pease. 2,030,651; Feb. 11.  
 Storage battery container. H. D. Geyer. 2,054,699; Sept. 15.  
 Storage battery, Invertible. C. J. Dunzweiler and R. M. Rane. 2,049,201; July 28.  
 Storage compartment, Refrigerated. W. E. Carpenter. 2,064,412; Dec. 15.  
 Storage device, Combination. E. A. Miller. 2,039,823; May 5.  
 Storage receptacle, Ventilated and humidified. D. W. Hudson. 2,028,330; Jan. 21.  
 Storage system. P. M. Elliott. 2,053,816; Sept. 8.  
 Storage tank. J. L. Graham. 2,040,372; May 12.  
 Storage tank. J. C. Inboden and C. E. Johnson. 2,056,857; Oct. 6.  
 Store front construction. P. E. Attick and J. J. Bosshard. 2,027,081; Jan. 7.  
 Store front construction. F. J. Plym. 2,063,120; Dec. 8.  
 Storm and auxiliary sash hanger. S. Madsen. 2,051,341; Aug. 18.  
 Stove. F. N. Becker. 2,037,159; Apr. 21.  
 Stove. G. C. Douglas and P. J. McDougall. 2,056,507; Oct. 6.  
 Stove. B. B. Kahn. 2,057,780; Oct. 20.  
 Stove. B. B. Kahn and W. T. Bradbury. 2,064,347; Dec. 15.  
 Stove. L. L. Kahn. 2,030,639; Feb. 11.  
 Stove. A. H. Tinnerman. 2,054,589; Sept. 15.  
 Stove and heater, Fireplace. R. L. Davison and E. V. Ludwig. 2,028,088; Jan. 14.  
 Stove and range construction. J. Teller. 2,040,346; May 12.  
 Stove and range construction, Cooking. J. Teller and A. P. Schulz. 2,058,191; Oct. 20.  
 Stove and the like, Camp. C. L. Pearson. 2,053,577; Sept. 8.  
 Stove, Apartment. V. J. Cronyn and H. Peruzzini. 2,040,598; May 12.  
 Stove bottom, Hot-blast. F. R. McGee. 2,049,816; Aug. 4.  
 Stove, Brooder. J. R. Heatwole. 2,045,356; June 23.  
 Stove burner mechanism, Oil. W. T. Bradbury. 2,063,722; Dec. 8.  
 Stove, Camp. E. P. Krebs. 2,033,898; Mar. 10.  
 Stove, Camp. R. Lang. 2,038,226; Apr. 21.  
 Stove construction. L. J. Hausser. 2,063,376; Dec. 8.  
 Stove construction. A. S. Knapp and H. Smith. 2,029,573; Feb. 4.  
 Stove construction. S. Klute. 2,039,539; May 5.  
 Stove construction. C. J. and W. F. Rogers. 2,030,540; Feb. 11.  
 Stove construction. A. H. Tinnerman. 2,039,614; May 5.  
 Stove construction. A. H. Tinnerman. 2,055,564; Sept. 29.  
 Stove construction, Reversible. L. Moore. 2,038,950; Apr. 28.  
 Stove construction, Vapor. A. J. Yeager. 2,028,372; Jan. 21.  
 Stove construction, Vapor. A. J. Yeager. 2,048,207; July 21.  
 Stove construction. A. J. Yeager. 2,062,855; Dec. 1.  
 Stove, Cooking. C. M. Dibble. 2,029,257; Jan. 28.  
 Stove, Cooking. O. Normand. 2,060,339; Nov. 10.  
 Stove, Electric table. H. V. Glore. 2,040,479-80; May 12.  
 Stove, Gas. L. Moore and I. S. Holloway. 2,040,948; May 19.  
 Stove, Gas cooking. F. L. Fox. 2,035,060; Mar. 24.  
 Stove, Gasoline. G. E. Pickup. 2,041,145; May 19.  
 Stove, Gasoline. G. E. Pickup. 2,046,408; July 7.  
 Stove, Heating. L. S. Chadwick. 2,041,226; May 19.  
 Stove, Heating. W. D. Merrill. 2,058,094; Oct. 20.  
 Stove, Hydrocarbon fuel burning. B. W. Tullis. 2,040,222; May 12.  
 Stove lid lifter. S. Klute. 2,043,439; June 9.  
 Stove, Oil burning. C. L. Tilburn. 2,054,717; Sept. 15.  
 Stove or range. H. A. Ahrens, E. F. Kennedy, and J. E. Nason. 2,045,061; June 23.  
 Stove or range. E. F. Kennedy. 2,059,735; Nov. 3.  
 Stove or range, Cooking. G. L. Jeck. 2,054,327; Sept. 15.  
 Stove pad. J. F. Weiland and J. Wachstein. 2,054,687; Sept. 15.  
 Stovepipe. C. K. Widmaier, Jr. 2,051,323; Aug. 18.  
 Stove, Portable folding. K. Stuart. 2,061,336; Nov. 17.  
 Stove, Rotatable top. C. Ehret. 2,062,870; Dec. 1.  
 Stoves and ranges, Constructing. J. Teller. 2,030,772; Feb. 11.  
 Stoves, Attachment for. H. P. Demery and E. Kirkland. 2,029,095; Jan. 28.  
 Straight articles, Packaging. S. Mardigian and M. Rizzola. 2,040,493; May 12.  
 Strain gauge. W. B. Klemperer. 2,050,186; Aug. 4.  
 Strain release. L. L. Cunningham. 2,041,821; May 26.  
 Strain release for wringers. E. H. Erdman. 2,027,335; Jan. 7.  
 Strainer. E. M. Davis. 2,043,371; June 9.  
 Strainer. A. C., T. M., and W. B. Flavis. 2,059,636; Nov. 3.  
 Strainer. J. Krause. 2,048,704; July 28.  
 Strainer. H. D. Phillips. 2,028,520; Jan. 21.  
 Strainer. S. B. Stine. 2,049,336; July 28.  
 Strainer. E. G. Thomas. 2,055,394; Sept. 22.  
 Strainer. F. E. Wolcott. 2,054,999; Sept. 22.  
 Strainer and cover, Milk. H. J. Ferris. 2,065,063; Dec. 22.  
 Strainer and pressure regulating unit, Liquid. T. W. Murphy. 2,036,489; Apr. 7.  
 Strainer, Demountable. V. F. Wood. 2,032,644; Mar. 3.  
 Strainer, Food. M. S. Stewart. 2,030,274; Feb. 11.  
 Strainer for drain openings and the like, Sink. A. N. Pasman. 2,038,852; Apr. 28.  
 Strainer for pulp digesters. H. W. Guettler and C. J. Christiansen. 2,062,127; Nov. 24.  
 Strainer, Milk. A. W. Franzmeier. 2,060,392; Nov. 10.  
 Strainer, Milk. C. A. E. Johnson. 2,031,165; Feb. 18.  
 Straining or separating equipment. D. R. McNeal. 2,057,498; Oct. 13.  
 Strand handling apparatus. J. W. Andrews and S. T. Swallow. 2,056,244; Oct. 6.  
 Strand handling apparatus. Y. A. Bouget. 2,050,243; Aug. 11.  
 Strand handling apparatus. E. E. Newton. 2,048,511; July 21.  
 Strand handling apparatus. L. L. Weaver. 2,053,645; Sept. 8.  
 Strand handling device. W. H. Pagenkopf and R. L. Hanson. 2,040,330; May 12.  
 Strand material, Device for cleaning. E. G. Hill and W. A. Seem. 2,036,806; Apr. 7.  
 Strand material, Method of and apparatus for curling. R. F. Sedgley. 2,056,213; Oct. 6.  
 Strand tension control mechanism. R. R. Nydegger. 2,034,267; Mar. 17.  
 Strand tensioning, slack compensating, selective trapping, and cutting device. H. Owens. 2,064,685; Dec. 15.  
 Strand twisting apparatus. R. R. Nydegger. 2,035,268; Mar. 17.  
 Stranded pair, Shielded. E. I. Green and H. E. Curtis. 2,034,033; Mar. 17.  
 Stranded ribbon hanger. J. E. Talbott. 2,059,825; Nov. 3.  
 Stranding machine. G. G. Greene. 2,049,258; July 28.  
 Strands, Apparatus for handling. Y. A. Bouget and D. V. Waters. 2,041,812; May 26.  
 Strands, Apparatus for handling. E. E. Newton and H. P. Ray. 2,032,950; Mar. 3.  
 Strands, Handling. G. A. Barber. 2,058,758; Oct. 27.  
 Strands, Method and apparatus for combining. V. L. Johannessen. 2,058,234; Oct. 20.  
 Strands, Method of and apparatus for handling. E. E. Franz. 2,030,438; Feb. 11.  
 Strap: See—  
 Wrist watch strap.  
 Strap and hair cap, Combination chin. H. M. Welland and J. N. Furman. 2,044,521; June 16.  
 Strap for covers or the like, Retaining. J. C. Marsellus. 2,063,256; Dec. 8.  
 Strap, band, or bracelet, Wrist watch. K. H. Baker. 2,032,557; Mar. 3.  
 Strap coupler. L. Roseman. 2,048,408; July 21.



- Strap fastener. L. J. Barnes. 2,030,563; Feb. 11.  
 Strap fastener. O. Christoffersen. 2,034,973; Mar. 24.  
 Strap fastener. L. Maus. 2,029,330; Feb. 4.  
 Strap fastener, Quick-release. W. F. Houghton. 2,057,575; Oct. 13.  
 Strap for electric fixtures, Supporting. R. L. Davison. 2,056,169; Oct. 6.  
 Strap holder for women's underwear, Shoulder. P. J. Lake. 2,061,840; Nov. 24.  
 Strap holder, Lingerie. G. L. Smith. 2,065,831; Dec. 29.  
 Strap stretching device. W. C. Childress. 2,031,462; Feb. 18.  
 Strap stretching device. W. C. Childress. 2,048,374; July 21.  
 Straw, Making synthetic. C. Dreyfus and W. Whitehead. 2,050,286; Aug. 11.  
 Straw or the like, Drinking. T. M. Prudden. 2,036,773; Apr. 7.  
 Straw saving device for combines. M. A. Wagoner. 2,037,491; Apr. 14.  
 Stream divider. D. Libbee. 2,041,770; May 26.  
 Streamer adapted for towing by aircraft. C. D. Young. 2,035,038; Mar. 24.  
 Street crossing sign. W. F. Rogers. 2,065,097; Dec. 22.  
 Street-lamp. G. B. and G. F. Heath. 2,063,095; Dec. 8.  
 Street plate for crawler type tractor shoes. G. W. O'Connor. 2,045,792; June 30.  
 Street plate for track shoes. N. O. Panzegrau. 2,028,346; Jan. 21.  
 Street plate for track type tractors. T. G. Schmeiser. 2,044,918; June 23.  
 Stress in relieving welded joints, Apparatus for. R. C. Newhouse. 2,044,734; June 16.  
 Stress relieving welded joints, Method of. R. C. Newhouse. 2,057,841; Oct. 20.  
 Stress-strain recording instrument. R. B. Lewis. 2,061,383; Nov. 17.  
 Stresses in a loaded structure, Determining. J. A. M. Ibañez Valenzuela. 2,043,910; June 9.  
 Stresses in structural elements and in completed constructions, Determining the. J. Mathar. 2,028,514; Jan. 21.  
 Stretch and compression testing device. W. T. Conn. 2,042,457; June 2.  
 Stretcher, Ambulance. B. Monk. 2,033,779; Mar. 10.  
 Stretcher and guider. R. D. Tackaberry. 2,049,276; July 28.  
 Stretcher, Brake lining. C. C. Rhoades. 2,033,739; Mar. 10.  
 Stretcher, Clothesline. J. M. Haynes. 2,057,572; Oct. 13.  
 Stretcher, Collar. F. A. Roberts. 2,039,032; Apr. 28.  
 Stretcher, Curtain. F. E. Acker. 2,042,874; June 2.  
 Stretcher, Curtain. S. Hausbach. 2,032,090; Feb. 25.  
 Stretcher, Curtain. N. M. Mavity. 2,037,991; Apr. 21.  
 Stretcher for use with drying forms. H. A. Johnston. 2,065,372; Dec. 22.  
 Stretcher, Fur. S. J. Garthwaite. 2,036,627; Apr. 7.  
 Stretcher, Racket string. W. G. Tope. 2,033,264; Mar. 10.  
 Stretcher, Shoe. V. A. Kasin. 2,048,794; July 28.  
 Stretcher, Sleeve. H. A. Johnston. 2,063,683; Dec. 8.  
 Stretcher strain remover. A. F. Hanson. 2,059,993; Nov. 3.  
 Stretcher, Wire. A. T. Verschelden. 2,039,693; May 5.  
 Stretching and sealing tool, Box band. C. O. Carlson. 2,065,427; Dec. 22.  
 Stretching frame. A. G. Borntraeger. 2,037,757; Apr. 21.  
 Stretching mechanism for stretching textile fibers for mules, ring spinning and stretching machines. A. Aeberli. 2,045,338; June 23.  
 Strike for brick machines, Auxiliary. F. Beauchamp. 2,061,497; Nov. 17.  
 Striker plate. L. A. Menges. 2,047,425; July 14.  
 Striking attachment for clocks. F. W. Haderman. 2,034,945; Mar. 24.  
 Striking bag apparatus. M. A. Tompkins. 2,045,972; June 30.  
 String loop attaching method. C. A. Flood. 2,063,918; Dec. 15.  
 String looping apparatus and method. C. A. Flood. 2,049,999; Aug. 4.  
 Stringed instrument. E. Blanchette. 2,064,516; Dec. 15.  
 Stringers, Repairing. A. G. Leake. 2,040,557; May 12.  
 Strings and the like, Making racket. J. Saladino. 2,055,776; Sept. 29.  
 Strings of tennis rackets, Device for applying and tightening the. F. W. Whiteside. 2,040,194; May 12.  
 Strings or sheets of asphalt, Forming. J. S. Downard. 2,063,663; Dec. 8.  
 Strip and sealing cap, Combination road parting. E. W. Burgess. 2,039,144; Apr. 28.  
 Strip and support, Center. W. C. Burrell. 2,027,516; Jan. 14.  
 Strip clip. R. Kingsley. 2,033,905; Mar. 10.  
 Strip coiling machine. E. W. Mikaelson and A. K. Hamilton. 2,038,305; Apr. 21.  
 Strip, Cove base dividing. S. C. Awbrey. 2,054,153; Sept. 15.  
 Strip, Composite. J. Rabinowitz. 2,029,442; Feb. 4.  
 Strip, Dividing. S. C. Awbrey. 2,051,979; Aug. 25.  
 Strip, Dividing. H. L. Fink. 2,060,060; Nov. 10.  
 Strip feed mechanism. A. S. Howell. 2,039,906; May 5.  
 Strip, Finishing. W. Bishop. 2,039,877; May 5.  
 Strip for advertising matter, Attaching. L. E. Klump. 2,039,804; May 5.  
 Strip for glass run channels, Unit sealing and guide. F. J. Westrope. 2,060,915; Nov. 17.  
 Strip for roadways or the like, Parting. J. H. Jacobson and E. E. Hall. 2,062,654; Dec. 1.  
 Strip, Glazing. W. J. Zabel and J. Lucas. 2,056,880; Oct. 6.  
 Strip handling. J. E. Graf and E. T. Lorig. 2,050,053; Aug. 4.  
 Strip, Manufacture of compound. R. D. Pike. 2,062,795; Dec. 1.  
 Strip material adhesive, Rendering. R. W. Phillips. 2,035,374; Mar. 24.  
 Strip material adhesive, Rendering flexible. T. R. Gautier. 2,035,376; Mar. 24.  
 Strip material, Apparatus for handling and guiding. W. D. Foster and F. D. Sweet. 2,051,789-90; Aug. 18.  
 Strip material, Apparatus for making continuous. J. R. Gammeter. 2,040,550; May 12.  
 Strip material, Apparatus for splicing. G. F. Wikle. 2,035,682; Mar. 31.  
 Strip material for container closures. J. B. Eisen. 2,050,248; Aug. 11.  
 Strip material, Moistening, or rendering adhesive. R. W. Phillips. 2,035,375; Mar. 24.  
 Strip material, Treatment of. C. W. Littler. 2,037,421; Apr. 14.  
 Strip moistener, Gummed. T. J. Gray. 2,031,597; Feb. 25.  
 Strip of roofing material. N. P. Harshberger. 2,044,785; June 23.  
 Strip, Ornamental trimming. J. D. Karle. 2,053,959; Sept. 8.  
 Strip record supporting and driving apparatus. E. W. Kellogg. 2,029,027; Jan. 28.  
 Strip, Reinforcing furring. D. A. Stafford. 2,061,050; Nov. 17.  
 Strip, Roof edging. J. C. Zorn. 2,032,967; Mar. 3.  
 Strip serving apparatus. R. W. Phillips. 2,035,373; Mar. 24.  
 Strip stock, Method and apparatus for sorting. W. Pechy. 2,047,221; July 14.  
 Strip, Tile supporting. T. D. Corcoran and M. W. Hard. 2,057,819; Oct. 20.  
 Strip, Tile supporting. M. W. Hard. 2,058,148; Oct. 20.  
 Strip, Treatment of. J. C. Kientz, Jr. 2,061,380; Nov. 17.  
 Stripper. D. J. Block. 2,046,317; July 7.  
 Stripper for wire-receiving blocks. C. D. Johnson. 2,044,574; June 16.  
 Stripper, Ingot. C. L. Bigler and H. W. Ball. 2,063,656; Dec. 8.  
 Stripping apparatus. P. A. Raiche. 2,039,626; May 5.  
 Stripping, Decorative. I. Frohlich. 2,036,963; Apr. 7.  
 Stripping device for ironing machines. C. Regan. 2,053,350; Sept. 8.  
 Strips, Method of and apparatus for making. J. F. Cail. 2,062,359; Dec. 1.  
 Strips, Method of and apparatus for making composite. H. G. Kellogg. 2,056,675; Oct. 6.  
 Strips, Sticking of. F. Aanesen and T. Lindboe. 2,062,280; Dec. 1.  
 Stripe mechanism, Two-color lap. J. L. Getaz. 2,045,459; June 23.  
 Stripper for knitting machines. H. B. Aaronson. 2,059,076; Oct. 27.  
 Stripper, Fountain. M. Rassmussen. 2,041,022; May 19.  
 Stripping machine. A. F. Hulse. 2,043,377; June 9.  
 Stripping tool. F. B. Hewel. 2,027,774; Jan. 14.  
 Stroboscope, Variable frequency. B. Miller. 2,043,484; June 9.  
 Strontium, Recovering. H. G. Elledge and A. Hirsch. 2,035,366; Mar. 24.  
 Stroke mechanism, Full. G. C. Coil. 2,048,106; July 21.  
 Stropper. W. E. Watts and J. W. Lowry. 2,030,338; Feb. 11.  
 Stropper and honer, Razor blade. E. A. Johnston. 2,044,850; June 23.  
 Stropper, Razor. H. B. Hartman. 2,037,509; Apr. 14.  
 Stropping and honing device. G. J. Ganzert. 2,053,219; Sept. 1.  
 Structural assembly. G. D. Kellogg. 2,033,100; Mar. 3.  
 Structural column and bracket cap therefor. G. H. Dean. 2,046,152; June 30.  
 Structural element. J. Jones. 2,049,263; July 28.  
 Structural element. F. L. Main. 2,028,554; Jan. 21.  
 Structural element. C. A. Strand. 2,062,843; Dec. 1.  
 Structural element. H. L. Waugh. 2,029,645; Feb. 4.  
 Structural element. H. L. Waugh and G. and H. W. Buelow. 2,063,714; Dec. 8.  
 Structural fabric. F. H. Ruppel. 2,052,113; Aug. 25.  
 Structural material. A. MacLeod. 2,035,902; Mar. 31.  
 Structural material and shaped articles thereof, Making compound. P. Schwarzkopf. 2,030,229; Feb. 11.  
 Structural member. G. G. Greulich. 2,065,493; Dec. 22.  
 Structural member, Welded. G. G. Greulich. 2,065,494; Dec. 22.  
 Structural members, Adjusting the length of. R. Seeman and A. R. Wilson. 2,029,121; Jan. 28.  
 Structural members, Welding. G. M. Deming. 2,053,216; Sept. 1.  
 Structural shape. F. E. Kling. 2,065,378; Dec. 22.  
 Structural unit. M. C. J. Billingham. 2,033,752; Mar. 10.  
 Structural unit. G. B. Brown. 2,043,987; June 16.  
 Structural unit and making the same, Tubular. H. N. Atwood. 2,029,048; Jan. 28.  
 Structural unit, Making a. W. McQuade. 2,038,801; Apr. 28.



- Structural unit, Making a. W. McQuade. 2,058,167; Oct. 20.
- Structure and making the same, Fabricated. H. C. Jennison. 2,049,449; Aug. 4.
- Structure for darkroom reading of fine calibrations. A. A. Knapp. 2,036,337; Apr. 7.
- Structure for roller bits. R. R. Crum. 2,061,933; Nov. 24.
- Structure for transmitting loads. G. A. Maney. 2,035,662; Mar. 31.
- Structure of veneered buildings. F. C. Gordon. 2,066,035; Dec. 29.
- Strut and antishearing member for girders. H. Sorensen. 2,058,364; Oct. 20.
- Strut, Shock absorbing. K. W. Warren. 2,042,371; May 26.
- Stub puller and forming the same. L. L. Zihler. 2,066,132; Dec. 29.
- Stud. E. D. Coddington. 2,062,398; Dec. 1.
- Stud and rafter. A. Rafter. 2,049,926; Aug. 4.
- Stud and the like for buildings, Metal. H. W. Hahn. 2,054,477; Sept. 15.
- Stud bolt wrench. C. B. Ingersoll. 2,027,534; Jan. 14.
- Stud for buildings, Metal. H. W. Hahn. 2,052,024; Aug. 25.
- Stud screw wrench. F. C. Wegner. 2,043,274; June 9.
- Studio lounge. U. B. McMurtry. 2,058,337; Oct. 20.
- Stuff treatment machine and junk remover. C. P. Tolman and J. T. Coghill. 2,042,566; June 2.
- Stuffing box. O. L. Beaumier. 2,061,693; Nov. 24.
- Stuffing box. F. C. Kniss. 2,059,798; Nov. 3.
- Stuffing box. W. W. Williams. 2,042,691; June 2.
- Stuffing box. A. C. Zimmerman and E. F. Steger. 2,055,226; Sept. 22.
- Stuffing for furniture, Making. J. Kronheim. 2,043,586; June 9.
- Styrene, Making. G. D. Graves. 2,036,410; Apr. 7.
- Styrol, Manufacture of. O. H. Smith. 2,064,571; Dec. 15.
- Subchase for typographic numbering machines. M. Hoffman and B. Jackson. 2,040,175; May 12.
- Subirrigation system. A. R. Black. 2,052,020; Aug. 25.
- Submarine drill. H. J. Ferguson. 2,026,879; Jan. 7.
- Submarine eye. C. W. Heath. 2,057,146; Oct. 13.
- Submarine, Mine laying. A. Capponi. 2,053,696; Sept. 8.
- Submergible motor. D. J. Conant. 2,043,236; June 9.
- Submergible motor. D. J. Conant. 2,043,283; June 9.
- Sub-soil, Determining the nature of the. A. B. Broughton-Edge. 2,035,943; Mar. 31.
- Subsoiler, Deep tillage. W. D. and J. R. Cohea. 2,047,310; July 14.
- Substage lamp. L. V. Foster and H. F. Kurtz. 2,033,619; Mar. 10.
- Substances, Apparatus for treating or sampling. E. G. Campbell. 2,030,682; Feb. 11.
- Substances containing silver and producing the same. F. Geigl. 2,040,806; May 12.
- Substances, Heating. M. Winckler. 2,044,195; June 16.
- Substances, Method for working. C. H. Howland-Shearman. 2,039,841; May 5.
- Substances of animal origin, Preserving. G. Beisser. 2,052,206; Aug. 25.
- Substances, Preservation of. W. L. Morgan. 2,043,860; June 9.
- Substances such as phenolic materials, Apparatus for extracting. E. B. Kester. 2,043,103; July 2.
- Substitute for butter intended for use in tropical regions. C. Ellis. 2,054,072; Sept. 15.
- Substructure for oil well derricks. S. B. Settle and H. A. Johnson. 2,028,019; Jan. 14.
- Sub-surface determinations, Making. B. B. Weatherby. 2,062,151; Nov. 24.
- Subterranean structure. C. Gottwald. 2,041,243; May 19.
- Subways, Constructing. W. Caccia. 2,059,774; Nov. 3.
- Sucker rod. R. P. Simmons. 2,046,348; July 7.
- Sucker rod coupling. J. A. Kinney. 2,049,265; July 28.
- Sucker rod hanger rack. J. F. Eaton. 2,032,530; Mar. 3.
- Suction and cleaning apparatus. J. E. Jonsson, R. W. Larsson, and A. J. E. Rylander. 2,051,717; Aug. 18.
- Suction and force pump. S. A. Duffaud. 2,040,433; May 12.
- Suction box cover. J. S. Swauger. 2,042,198; May 26.
- Suction cleaner. B. C. Becker. 2,053,316; Sept. 8.
- Suction cleaner. S. R. Cummings and C. R. Mummery. 2,045,295; June 23.
- Suction cleaner. D. M. Dow. 2,051,203; Aug. 18.
- Suction cleaner. W. A. Frantz. 2,028,090; Jan. 14.
- Suction cleaner. H. E. Hoover. 2,045,270; June 23.
- Suction cleaner. H. E. Hoover. 2,046,684; July 7.
- Suction cleaner. W. E. Kent. 2,033,533; Mar. 10.
- Suction cleaner. W. H. Kitto. 2,046,636; July 7.
- Suction cleaner. J. L. Ray. 2,048,518; July 21.
- Suction cleaner. F. Riebel, Jr. 2,027,249; Jan. 7.
- Suction cleaner. D. G. Smellie. 2,031,911; Feb. 25.
- Suction cleaner. D. G. Smellie. 2,040,188; May 12.
- Suction cleaner. D. G. Smellie. 2,046,658; July 7.
- Suction cleaner. D. G. Smellie. 2,051,970; Aug. 25.
- Suction cleaner. D. G. Smellie. 2,064,388; Dec. 15.
- Suction cleaner. C. H. Sparklin. 2,055,734; Sept. 29.
- Suction cleaner. C. H. Sparklin. 2,063,061-2; Dec. 8.
- Suction cleaner. C. H. Taylor. 2,027,938; Jan. 14.
- Suction cleaner. H. B. White. 2,064,397; Dec. 15.
- Suction cleaner. H. B. White and B. C. Becker. 2,026,808; Jan. 7.
- Suction cleaner floor tool. F. Riebel, Jr. 2,027,250; Jan. 7.
- Suction cleaner tool. N. D. Baker. 2,036,789; Apr. 7.
- Suction cup. L. Zaiger. 2,028,640; Jan. 21.
- Suction cup. L. Zaiger. 2,047,658; July 14.
- Suction cup. M. Zaiger. 2,055,397; Sept. 22.
- Suction feed device for sheet material. S. W. Henry. 2,058,979; Oct. 27.
- Suction holder. J. Oliveri. 2,045,672; June 30.
- Sugar and eliminating sugar dust therefrom, Apparatus for cooling granulated. G. J. Daley. 2,033,416; Mar. 10.
- Sugar, Apparatus for recovering. S. C. Meredith, P. W. Alston and E. T. Winslow. 2,036,818; Apr. 7.
- Sugarcane bagasse, Utilization of. A. M. Thomsen. 2,031,239; Feb. 18.
- Sugar cane, Harvesting and treatment of. R. S. Falkiner. 2,035,118; Mar. 24.
- Sugar cane juice, Apparatus for straining. A. C. I. Coulter. 2,029,655; Feb. 4.
- Sugar cane juices, Clarifying. F. R. Fortier. 2,027,422; Jan. 14.
- Sugar carbonation process and apparatus. R. M. White. 2,064,135; Dec. 15.
- Sugar juice extraction and clarification. E. M. Copp. 2,054,556; Sept. 15.
- Sugar juices, Treating. E. K. Ventre. 2,043,911; June 9.
- Sugar manufacturing process. J. M. Widmer. 2,032,160; Feb. 25.
- Sugar, Method and apparatus for recovering. S. C. Meredith, P. W. Alston, E. T. Winslow, and C. White. 2,042,724; June 2.
- Sugar refining process. F. M. Sabine. 2,046,344; July 7.
- Sugar solutions, Filtration of starch converted. C. J. Copland. 2,066,141; Dec. 29.
- Sugars and their glycosides, Nitration of. J. A. Wyler. 2,039,045; Apr. 28.
- Sugars, Nitration of. J. A. Wyler. 2,039,046; Apr. 28.
- Suit, Bathing. P. Cunningham. 2,042,924; June 2.
- Suit, Bathing. D. B. Levi. 2,038,301; Apr. 21.
- Suit, Bathing. D. Read. 2,060,689; Nov. 10.
- Suitcase, Wardrobe. J. Ritter, Jr. 2,055,558; Sept. 29.
- Suit, Diving. J. J. Mooney. 2,034,637; Mar. 17.
- Suit, Rubber bathing. J. J. Galligan. 2,033,065; Mar. 3.
- Suit, Shallow water diving. M. W. Lawton and J. A. Johnson. 2,046,565; July 7.
- Suits, Attachment for wash. M. Tartikoff. 2,035,002; Mar. 24.
- Sulphate, Alkaline earth metal. G. A. Peirce. 2,044,954; June 23.
- Sulphate, Branched chain octyl. B. R. Harris. 2,052,027; Aug. 25.
- Sulphate, Manufacture of ferric. J. F. White and W. S. Wilson. 2,045,625; June 30.
- Sulphates, Manufacture of essentially dry alkali metal alkyl. C. O. Henke and W. H. Lockwood. 2,062,454; Dec. 1.
- Sulphates of barium and calcium, Making. J. McCallum. 2,039,432; May 5.
- Sulphates of high molecular weight, Production of alkyl. H. Bertsch. 2,027,896; Jan. 14.
- Sulphene amides, Preparation of. E. Tschunkur and H. Köhler. 2,045,888; June 30.
- Sulphide derivatives, Hydroxy diphenyl. T. B. Johnson. 2,065,808; Dec. 29.
- Sulphite process paper machine effluent, Treatment of. J. D. Rue. 2,057,059; Oct. 13.
- Sulpho-aromatic derivatives of hendecenoic acid and producing same. M. De Groote and B. Keiser. 2,036,402; Apr. 7.
- Sulpho-ethers, Preparing aliphatic. A. W. Baldwin and A. J. Hailwood. 2,062,957; Dec. 1.
- Sulphonated products and producing them. E. A. Mauersberger. 2,042,952; June 2.
- Sulphonates of active bases and preparing the same, Oil soluble. H. E. Buc. 2,066,197; Dec. 29.
- Sulphonates, Preparing alcohol-amine mineral oil. K. T. Steik. 2,061,601; Nov. 24.
- Sulphonates, Purification and separation of. H. G. Vesterdal and E. W. Carlson. 2,035,106; Mar. 24.
- Sulphonic acid, Mono-acetoxy-mercuri-alkyl-phenol. E. C. Fanto and A. L. Omohundro. 2,037,371; Apr. 14.
- Sulphur. C. H. Smith. 2,061,523; Nov. 17.
- Sulphur and producing the same, Colloidal. I. Miller. 2,046,880; July 7.
- Sulphur and product, Treating. R. C. McQuiston. 2,046,128; June 30.
- Sulphur, Apparatus for burning. M. S. Maxim. 2,030,885; Feb. 18.
- Sulphur bearing material, Purification and extraction of. R. H. Clayton, H. E. Williams, and H. B. Avery. 2,040,359; May 12.
- Sulphur bodies, Manufacture of protein compound of sulphonated hydrocarbon. E. T. Hessle. 2,040,809; May 12.
- Sulphur burner. I. Bencowitz. 2,031,403; Feb. 18.
- Sulphur by means of reduction of sulphur dioxide, Production of. A. R. Lindblad. 2,050,708; Aug. 11.
- Sulphur, Colloidal. W. S. Calcott, I. Williams, and B. Dales. 2,064,728; Dec. 15.
- Sulphur compounds and manufacturing the same, High molecular. E. Elbel and E. L. Müller. 2,050,169; Aug. 4.
- Sulphur compounds from hydrocarbons, Removal of. A. A. Morton. 2,064,558; Dec. 15.



- Sulphur compounds from petroleum distillates, Removing. H. L. Kerr. 2,053,909; Sept. 8.
- Sulphur compounds, Hydrogenating. W. A. Lazier and J. V. Vaughen. 2,041,840; May 26.
- Sulphur condenser. G. H. Gleason and A. C. Loonam. 2,049,160; July 28.
- Sulphur dioxide as sulphuric acid and ferric sulphate, Fixing. H. E. Keyes. 2,055,082; Sept. 22.
- Sulphur dioxide from gaseous mixtures, Separating. M. C. Boswell and G. P. Beal. 2,047,819; July 14.
- Sulphur dioxide from gas mixtures, Recovery of. D. Tyrer. 2,031,802; Feb. 25.
- Sulphur dioxide, Manufacture of. B. E. F. Rhodin. 2,031,504; Feb. 18.
- Sulphur dioxide, Method and apparatus for the production of. H. O. C. Ingraham. 2,030,021; Feb. 4.
- Sulphur dioxide, Production of. H. O. C. Ingraham. 2,057,099; Oct. 13.
- Sulphur dioxide, Reducing. H. F. Merriam. 2,043,202; June 2.
- Sulphur dispersion. G. R. Tucker. 2,028,482; Jan. 21.
- Sulphur, Free flowing. J. B. Ceccon. 2,061,185; Nov. 17.
- Sulphur from hydrogen sulphide and sulphur dioxide, Production of elemental. A. L. Ward, C. W. Jordan, and C. G. Milbourne. 2,043,084; June 2.
- Sulphur from its combinations with hydrogen or oxygen, Recovery of. W. J. Murray. 2,052,892; Sept. 1.
- Sulphur from petroleum, Converting and removing. A. L. Lyman. 2,060,091; Nov. 10.
- Sulphur, Making colloidal. T. Hashimoto. 2,060,311; Nov. 10.
- Sulphur, Method and apparatus for mining. L. O'Donnell. 2,038,757; Apr. 28.
- Sulphur-mining bleed-water, Treating. C. E. Butterworth and J. W. Schwab. 2,041,397; May 19.
- Sulphur preparation. F. H. Pough. 2,037,090; Apr. 14.
- Sulphur resins and methods of preparation. W. Seaman. 2,035,098; Mar. 24.
- Sulphur, Treatment of. W. W. Duecker. 2,039,070; Apr. 28.
- Sulphur, Recovery of. R. F. Bacon and W. Judson. 2,040,682; May 12.
- Sulphur refining process. C. W. Jones. 2,044,214; June 16.
- Sulphur, sulphur dioxide, and iron oxide, Production of. D. Tyrer. 2,044,960; June 23.
- Sulphuric derivatives of fatty acid compounds, Production of. P. Koerding, C. Schoeller, and H. Ulrich. 2,045,015; June 23.
- Sulphuric derivatives of higher aliphatic alcohols, Preparation of. H. Bertsch. 2,047,612; July 14.
- Summary board. G. H. Dawson. 2,036,684; Apr. 7.
- Sun bath seat. C. J. Katenkamp. 2,040,942; May 19.
- Sundial, Ring. S. Arton. 2,033,604; Mar. 10.
- Sun dial, Translucent. M. Weisz. 2,049,034; July 28.
- Sun rest, Compact. H. Bayer. 2,034,369; Mar. 17.
- Sunshade glasses to spectacles, Attaching. P. L. Hines. 2,065,458; Dec. 22.
- Superchanging device for oil pumps. C. E. Fox. 2,029,473; Feb. 4.
- Supercharger and super-compressor ignition high speed Diesel engine. R. F. Ely, Jr. 2,049,253; July 28.
- Supercharger for internal combustion engines. S. R. Puffer. 2,042,550; June 2.
- Supercharger system. F. B. Yingling. 2,045,816; June 30.
- Supercharging device for internal combustion engines. E. O. P. Thege. 2,052,198; Aug. 25.
- Supercharging mechanism. W. S. Bowen. 2,062,859; Dec. 1.
- Superheater. W. H. Armacost. 2,030,422; Feb. 11.
- Superheater. A. Huet. 2,046,383; July 7.
- Superheater. H. Peperkorn. 2,029,384; Feb. 4.
- Superheater arrangement. E. A. Robinson. 2,035,763; Mar. 31.
- Superheater boiler. D. S. Jacobus and W. A. Jones. 2,045,145; June 23.
- Superheater element. C. Ringel and B. Smith. 2,053,443; Sept. 8.
- Superheater for high temperature steam. W. H. Armacost. 2,053,413; Sept. 8.
- Superheater header. W. Shane and F. W. Smith. 2,058,041; Oct. 20.
- Superheater support. F. Hall. 2,032,413; Mar. 3.
- Superheater unit support. B. Smith. 2,032,445; Mar. 3.
- Superheater with adjustable counter radiation. W. H. Armacost. 2,032,390; Mar. 3.
- Superheterodyne receiver. G. L. Beers. 2,037,754; Apr. 21.
- Superheterodyne receiver. C. W. Hansell. 2,062,004; Nov. 24.
- Superheterodyne receiver. D. E. Harnett. 2,038,358; Apr. 21.
- Superheterodyne receiver. R. I. Kinross. 2,027,986; Jan. 14.
- Superheterodyne receiver. W. J. O'Brien. 2,039,923; May 5.
- Superheterodyne receiver. W. van B. Roberts. 2,050,807; Aug. 11.
- Superheterodyne receiver. W. van B. Roberts. 2,054,637; Sept. 15.
- Superheterodyne receiver. A. H. Turner. 2,026,759; Jan. 7.
- Superheterodyne receiver for ultrashort waves. M. von Ardenne. 2,044,374; June 16.
- Superheterodyne receiver, Multirange. W. van B. Roberts. 2,029,035; Jan. 28.
- Superheterodyne receiver, Reflex. J. Yolles. 2,055,992; Sept. 29.
- Superphosphates, Manufacture of ammoniated. H. A. Curtis. 2,037,706; Apr. 21.
- Superregenerative receiver. R. W. George. 2,033,982; Mar. 17.
- Superregenerative receiver. R. W. George. 2,036,690; Apr. 7.
- Superregenerative receiving system. N. M. Rust and R. F. O'Neill. 2,030,120; Feb. 11.
- Supervisory apparatus. L. A. Sharp. 2,063,349; Dec. 8.
- Supervisory control system. H. P. Boswau. 2,059,204; Nov. 3.
- Support: See—
- |   |                              |
|---|------------------------------|
| Abdomen support.  | Key support.                 |
| Adjustable book support.  | Ladder support.              |
| Adjustable head support.  | Lamp shade support.          |
| Adjustable lamp support.  | Mail box support.            |
| Adjustable seat support.  | Marking mechanism support.   |
| Adjustable support.   | Meter hanger support.        |
| Aerodynamic support.  | Mirror and picture support.  |
| Arch and heel support.  | Mirror support.              |
| Arch support.   | Mop handle support.          |
| Arch supporter.   | Motor support.               |
| Automobile support.   | Neon tube support.           |
| Awning support.   | Nursing bottle support.      |
| Bearing support.  | Oil rig support.             |
| Bobbin support.   | Pipe support.                |
| Boiler cleaner support.   | Plant support.               |
| Bomb support.   | Radiator support.            |
| Book support.   | Rail support.                |
| Bottle support.   | Recording support.           |
| Brake beam safety support.  | Reinforce bar support.       |
| Brake beam support.   | Resilient motor support.     |
| Brake bottom rod support.   | Rod line support.            |
| Brick veneer support.   | Roller support.              |
| Built-in arch support.  | Rotary support.              |
| Car coupler support.  | Safety support.              |
| Chain support.  | Sewing machine support.      |
| Conductor support.  | Shackle support.             |
| Coupler support.  | Shank support.               |
| Curtain support.  | Shelf support.               |
| Cushion support.  | Sink support.                |
| Deck lid support.   | Spring support.              |
| Display card support.   | Stock tube support.          |
| Door support.   | Superheater support.         |
| Drawer support.   | Superheater unit support.    |
| Engine support.   | Surgical support.            |
| Fan motor support.  | Table leaf support.          |
| Filament support.   | Torque tube support.         |
| Fire-hose support.  | Transmission line support.   |
| Fixture support.  | Tub display support.         |
| Flexible hose support.  | Tube support.                |
| Flower support.   | Tubing support.              |
| Food mixer support.   | Utensil support.             |
| Foot arch support.  | Venetian blind support.      |
| Form support.   | Ventilated body support.     |
| Furniture support.  | Vibration absorbing support. |
| Garment support.  | Web roll support.            |
| Heddle bar support.   | Welt support.                |
| Heel and arch support.  | Work support.                |
| Hose support.   | Yieldable support.           |
| Insulating support.   |                              |
| Interlock support.  |                              |
| Support. J. G. Alusas. 2,063,289; Dec. 8.   |                              |
| Support. S. C. Brody. 2,045,942; June 30.   |                              |
| Support. M. L. Gover. 2,050,311; Aug. 11.   |                              |
| Support. W. C. Holtzmann. 2,048,449; July 21.   |                              |
| Support. C. W. Kneff. 2,046,825; July 7.  |                              |
| Support. A. Lindemann. 2,057,337; Oct. 13.  |                              |
| Support. C. A. Smith. 2,064,087; Dec. 15.   |                              |
| Support. L. C. Turnock. 2,042,241; May 26.  |                              |
| Support and carriage cage for washing machines, Combination collapsible. S. S. Holland. 2,048,608; July 21. |                              |
| Support and dispensing device. S. C. Brody. 2,045,941; June 30.   |                              |
| Support and hair covering for ear-phones. E. P. Donohue. 2,040,246; May 12.                                 |                              |
| Support and retainer for folding chair seats. L. F. Bergner. 2,044,378; June 16.                            |                              |
| Support for bathroom articles and the like. A. W. Spencer. 2,061,855; Nov. 24.                              |                              |
| Support for conductors. J. J. Taylor. 2,031,235; Feb. 18.   |                              |
| Support for dispensing containers. H. K. Mulford. 2,065,012; Dec. 22.                                       |                              |
| Support for drilling machines. A. R. Lawrence. 2,032,940; Mar. 3.   |                              |
| Support for drop leaves for folding tables and like articles. A. H. F. Perl. 2,035,718; Mar. 31.            |                              |
| Support for engines, Resilient. L. M. Bartlett. 2,060,604; Nov. 10.   |                              |
| Support for flashlights or the like. D. A. Vaughan. 2,052,120; Aug. 25.                                     |                              |
| Support for gas stoves, Combination lighter and burner. S. H. Hobson. 2,049,650; Aug. 4.                    |                              |
| Support for hair drier hoods or the like. M. Ehrlich. 2,051,833; Aug. 25.                                   |                              |
| Support for home heating units, Refractory lining. J. E. Mees. 2,063,261; Dec. 8.                           |                              |
| Support for inking mechanism. W. Türk. 2,040,158; May 12.   |                              |



- Support for light sources. M. Wildeboer. 2,051,508; Aug. 18.
- Support for manually operable ice crushers. P. C. Klingler. 2,047,567; July 14.
- Support for mines and the like. J. R. B. Neilson and W. A. Willis. 2,036,490; Apr. 7.
- Support for popcorn poppers. L. H. Kuehn and H. W. Fritz, Jr. 2,042,406; May 26.
- Support for scaffolds or the like. J. E. Chicoline. 2,049,893; Aug. 4.
- Support for separating strips. A. C. Fischer. 2,064,528; Dec. 15.
- Support for shelves, tabletops, and the like. P. Fischer. 2,060,931; Nov. 17.
- Support for shoe repairing, Adjustable outside. L. E. Payne. 2,061,206; Nov. 17.
- Support for toilet bowl, Sanitary. P. J. Sperzel. 2,060,698; Nov. 10.
- Support for tubes or the like and manufacture thereof. V. D. Goodwin. 2,048,654; July 21.
- Support for undergarments, Detachable shoulder. H. Van Hollen. 2,033,961; Mar. 17.
- Support for use in conjunction with cabinets and the like, Extensible. H. A. Sperlich. 2,032,188; Feb. 25.
- Support for vehicle motors. P. Bollinger. 2,063,978; Dec. 15.
- Support for vehicles, Yielding. G. A. Mercer, Jr. 2,030,263; Feb. 11.
- Support for Venetian blinds. G. W. Kirsch. 2,039,538; May 5.
- Support for vibration translating devices. H. C. Harrison and A. C. Keller. 2,038,216; Apr. 21.
- Support for wires. T. C. Campbell, C. H. Wheeler, and H. W. Bowly. 2,064,290; Dec. 15.
- Support for wooden building construction, Metal. F. R. Walker. 2,042,370; May 26.
- Supporter, Arch. J. R. Rigandi. 2,063,625; Dec. 8.
- Supporter, Arch. J. R. Rigandi. 2,065,290; Dec. 22.
- Supporter attachment for bifurcated underwear. M. Rumery. 2,033,551; Mar. 10.
- Supporter, Breast. F. Howard. 2,041,066; May 19.
- Supporter, Garment. C. Bartlog. 2,036,674; Apr. 7.
- Supporter, Garment. S. N. Coulter. 2,033,414; Mar. 10.
- Supporter, Garment. W. D. Groesbeck. 2,040,046; May 5.
- Supporter, Garment. M. Hawie. 2,043,751; June 9.
- Supporter, Garment. M. Hawie. 2,047,683; July 14.
- Supporter, Garment. J. G. Tompkins. 2,058,644; Oct. 27.
- Supporter, Garment. W. C. Ward. 2,061,956; Nov. 24.
- Supporter grip, Hose. W. F. Fassett. 2,031,699; Feb. 25.
- Supporter, Hose. H. T. Cottrell. 2,062,087; Nov. 24.
- Supporter, Hose. M. Gordon. 2,063,429; Dec. 8.
- Supporter, Hose. J. C. Watson and J. M. Alexander. 2,062,077; Nov. 24.
- Supporter link, Garment. J. Leonard. 2,051,173; Aug. 18.
- Supporter, Reversible athletic. J. T. Jordan. 2,045,470; June 23.
- Supporter, Tie. J. R. Haas. 2,049,161; July 28.
- Supporting and advertising or display device for persons standing in public vehicles. L. Singer. 2,063,273; Dec. 8.
- Supporting and dispensing device for flexible tubes. A. Sacks. 2,037,824; Apr. 21.
- Supporting and driving means for motor-vehicles, Rear. H. N. Charles. 2,041,992; May 26.
- Supporting and locking means for printing interpreters. H. P. Mixer. 2,027,923; Jan. 14.
- Supporting and spacing means for electrodes in discharge tubes. H. Rothe. 2,057,115; Oct. 13.
- Supporting apparatus for pipes and the like. M. M. O'Connell. 2,045,307; June 23.
- Supporting bracket. J. Weiss. 2,059,921; Nov. 3.
- Supporting bracket. C. Corrello. 2,048,430; July 21.
- Supporting device. H. Gray. 2,056,898; Oct. 6.
- Supporting bracket, Window shade rod. W. O'Connor. 2,056,111; Sept. 29.
- Supporting device for telephone receivers. A. Hufschmid. 2,048,865; July 28.
- Supporting device for wall panels. M. G. Vass. 2,048,981; July 28.
- Supporting means for automobile heaters. F. Acton. 2,049,792; Aug. 4.
- Supporting means for pole type. W. S. Merkle. 2,058,611; Oct. 27.
- Supporting mechanism, Counterbalanced. A. F. Pieper. 2,036,097; Mar. 31.
- Supporting rack. G. J. Barrett. 2,026,858; Jan. 7.
- Supporting stand. O. J. Gerschefski. 2,055,761; Sept. 29.
- Supporting structure for concrete floors. C. A. Kendrick. 2,038,296; Apr. 21.
- Supporting structure for light signal units and the like, Adjustable. W. B. Wells. 2,054,871; Sept. 22.
- Supports, Forming arch. E. J. Milner. 2,052,787; Sept. 1.
- Suppository medication. J. C. Bird. 2,055,063; Sept. 22.
- Suppressor. P. O. Stewart. 2,033,745; Mar. 10.
- Surfboard or float, Pneumatic. E. E. Smithers and C. D. Richardson. 2,064,128; Dec. 15.
- Surfboat, Amphibious. M. E. Howe. 2,049,702; Aug. 4.
- Surface condenser. B. Chamayou. 2,047,459; July 14.
- Surface decorating method and apparatus. G. von Webern. 2,065,545; Dec. 29.
- Surface dressing composition for tennis courts. P. Mayo. 2,058,335; Oct. 20.
- Surface dressing machine. F. E. Woodward. 2,049,935; Aug. 4.
- Surface exploring and thickness gauging device. G. Gastrich. 2,051,636; Aug. 18.
- Surface finishing articles. L. W. Ruppert. 2,064,322; Dec. 15.
- Surface finishing machine. J. Y. Blazek and R. G. Anderson. 2,056,706; Oct. 6.
- Surface hardening of metals by cementation with anti-mony. M. G. Corson. 2,032,912; Mar. 3.
- Surface in the cylinder bores of internal combustion engines and the like, Providing a hard wearing. H. van der Horst. 2,048,573; July 21.
- Surface on concrete deposited against forms, Producing a smooth dense. W. A. Whiting. 2,055,514; Sept. 29.
- Surface ornamentation. B. E. White. 2,030,558; Feb. 11.
- Surface plate device. J. Verderber and E. F. Batterman. 2,032,728; Mar. 3.
- Surface, Playing. M. C. Teague. 2,054,527; Sept. 15.
- Surface smoothness indicator. H. M. Bramberry. 2,035,220; Mar. 24.
- Surface tension measuring device. S. Natelson. 2,054,438; Sept. 15.
- Surface texture and finish of various materials, Apparatus for determining the. J. W. Barnhart, W. Baumbrucker, Jr., and W. G. Dodge. 2,036,315; Apr. 7.
- Surface wheel. G. W. Rienks. 2,041,208; May 19.
- Surfaces and apparatus therefor, Pigmenting. C. A. Wulf. 2,064,284; Dec. 15.
- Surfaces, Apparatus for determining roughness of. E. J. Abbott and F. A. Firestone. 2,048,154; July 21.
- Surfaces, Apparatus for machining cylindrical. N. E. Flodin and J. J. Eckfeldt. 2,053,470; Sept. 8.
- Surfaces, Apparatus for producing vitreous or metallic. G. Duccini and P. R. Caredio. 2,058,218; Oct. 20.
- Surfaces, Apparatus for uniformly coating flat. W. A. Zwiebel. 2,046,596; July 7.
- Surfaces, Cleaning and coating. E. P. MacDonald and N. W. Stenglein. 2,032,372; Mar. 3.
- Surfaces, Finishing. P. E. Fischer and J. W. Glover. 2,032,405; Mar. 3.
- Surfaces, Method and apparatus for decorating. K. Eichstadt. 2,060,801; Nov. 17.
- Surfaces, Method and apparatus for decorating uneven. G. von Webern. 2,033,162; Mar. 10.
- Surfaces, Method and apparatus for treating. C. H. Alvord. 2,044,557; June 16.
- Surfaces of comminuted material, Producing. A. L. Diller and L. H. L'Hollier. 2,029,361; Feb. 4.
- Surfaces on gear shaped cutters and the like, Method of and apparatus for generating curved. O. G. Simmons. 2,065,950; Dec. 29.
- Surfaces, Veneering. B. G. Robertson. 2,065,322; Dec. 22.
- Surfacing material, Method and apparatus for producing. P. R. Smith. 2,033,656; Mar. 10.
- Surfacing material, Producing. W. L. Holbrook and W. R. Parker. 2,056,520; Oct. 6.
- Surge timing system for electromagnetic devices. H. C. Roters. 2,055,089; Sept. 22.
- Surgical appliance. E. E. Longfellow. 2,064,672; Dec. 15.
- Surgical dressing. J. Baumwell. 2,052,072; Aug. 25.
- Surgical endoscopic instrument. F. C. Wappler. 2,031,020; Feb. 18.
- Surgical implement. W. B. Carroll. 2,060,724; Nov. 10.
- Surgical instrument. S. J. Blumenthal. 2,041,521; May 19.
- Surgical instrument. C. Driest. 2,049,898; Aug. 4.
- Surgical instrument. F. A. Lowe. 2,029,495; Feb. 4.
- Surgical instrument, Combination speculum. J. J. McGerry. 2,039,546; May 5.
- Surgical instrument, Forcipated. F. C. Wappler. 2,028,635; Jan. 21.
- Surgical snare. F. C. Wappler. 2,054,149; Sept. 15.
- Surgical support. A. M. Le May. 2,036,484; Apr. 7.
- Surgical traction frame. F. O. Wellington. 2,053,753; Sept. 8.
- Surveying rod. S. N. Koulichkov. 2,058,998; Oct. 27.
- Surveying, Sub-surface. W. North. 2,059,018; Oct. 27.
- Surveying underground structures. B. B. Weatherby. 2,049,236; July 28.
- Suspended matter in gaseous fluids, Detection of. H. C. Grant, Jr. 2,042,095; May 26.
- Suspender, Artificial leg. J. F. Rowley. 2,048,410; July 21.
- Suspender slide. L. E. Giles. 2,064,423; Dec. 15.
- Suspender slide with button loop. L. W. Joyce. 2,038,179; Apr. 21.
- Suspenders. K. Chase. 2,039,884; May 5.
- Suspenders. H. Schiller. 2,062,833; Dec. 1.
- Suspenders, Trousers. S. M. Friedman. 2,063,089; Dec. 8.
- Suspending device. W. H. Rose. 2,048,519; July 21.
- Suspension and load equalizing system for vehicles. A. Buquor. 2,060,789; Nov. 17.
- Suspension attachment for bottle-necked vessels. E. J. Miller. 2,026,950; Jan. 7.
- Suspension device. G. E. Chédru. 2,054,063; Sept. 15.
- Suspension device. A. Dubonnet. 2,027,966; Jan. 14.
- Suspension device for automobiles. G. Brouhiet. 2,032,975; Mar. 3.
- Suspension device for electric light fittings. C. A. R. Knötschke. 2,065,317; Dec. 22.



Suspension for vehicles. J. A. Dorst. 2,059,212; Nov. 3.  
 Suspension for vehicles. H. A. Knox. 2,051,864; Aug. 25.  
 Suspension for vehicles. H. A. Knox and T. H. Nixon. 2,065,532; Dec. 29.  
 Suspension means, Adjustable. J. Asper and H. E. Fisher. 2,057,933; Oct. 13.  
 Suspension means for boat berths. M. Dadswell. 2,055,717; Sept. 29.  
 Suspension of rail vehicles. A. W. Maley and E. M. Taunton. 2,045,039; June 23.  
 Suspension of road wheels of vehicles. N. Straussler. 2,033,493; Mar. 10.  
 Suspension, Pneumatic. R. Goulrand. 2,042,596; June 2.  
 Suspension system. C. Liron and G. Veper. 2,033,721; Mar. 10.  
 Suspension system, Automatic. H. M. Crane. 2,027,577; Jan. 14.  
 Suspensory. C. E. Smith. 2,046,535; July 7.  
 Swab. B. E. Parrish. 2,057,966; Oct. 20.  
 Swab. F. A. Thaheld. 2,057,859; Oct. 20.  
 Swab, Cleansing. M. I. Reach. 2,038,958; Apr. 28.  
 Swab for cleaning milking machine inflations. F. A. Fabrey. 2,051,834; Aug. 25.  
 Swabs, blood samples, and the like for bacteriological and diagnostic purposes, Device for dispatching. E. Mislowitz. 2,034,986; Mar. 24.  
 Swaging and alignment die. S. B. Dallas. 2,029,704; Feb. 4.  
 Swash type engine. C. G. Nevatt. 2,028,557; Jan. 21.  
 Swatter, Fly. H. W. Buhler. 2,066,248; Dec. 29.  
 Sweat fitting. E. S. Cornell, Jr. 2,033,122; Mar. 10.  
 Sweater. J. Kamil. 2,058,801; Oct. 27.  
 Sweep blade, Detachable. P. O. Thompson. 2,062,197; Nov. 24.  
 Sweeper. E. K. Furstnow. 2,046,679; July 7.  
 Sweeper. H. Hertzberg. 2,037,902; Apr. 21.  
 Sweeper. F. G. Hough. 2,055,011; Sept. 22.  
 Sweeper brush drive and control mechanism, Carpet. F. W. Pullen. 2,059,907; Nov. 3.  
 Sweeper brush drive mechanism, Carpet. F. W. Pullen. 2,063,192; Dec. 8.  
 Sweeper, Carpet. N. W. Cummins. 2,034,025; Mar. 17.  
 Sweeper, Carpet. J. F. Milligan. 2,050,361; Aug. 11.  
 Sweeper, Carpet. M. U. Morgan. 2,040,623; May 12.  
 Sweeper, Combination blower and suction. C. A. Good. 2,064,344; Dec. 15.  
 Sweeper, Construction of vacuum carpet. N. R. Stiles. 2,052,498; Aug. 25.  
 Sweeper, Floor. F. G. Hough. 2,033,030; Mar. 3.  
 Sweeper housing and handle, Carpet. N. P. Bloom. 2,057,181; Oct. 13.  
 Sweeper, Mobile. G. B. Randolph. 2,054,713; Sept. 15.  
 Sweeper, Vacuum. C. O. Bergstrom. 2,037,648; Apr. 14.  
 Sweeper, Vacuum. M. L. Marotte. 2,027,602; Jan. 14.  
 Sweet ingredient from glycyrrhiza glabra (Linn), Extracting a. Y. Ito. 2,058,019; Oct. 20.  
 Sweetening process. A. Belchetz. 2,055,423; Sept. 22.  
 Sweetening process. F. R. Moser. 2,031,972; Feb. 25.  
 Sweetmeat. E. W. Collinson. 2,056,122; Sept. 29.  
 Swift. F. Mossberg. 2,059,741; Nov. 3.  
 Swimming device. T. J. Howland. 2,042,152; May 26.  
 Swimming instructor. L. Campbell. 2,033,275; Mar. 10.  
 Swimming pad. F. M. McClure. 2,060,944; Nov. 17.  
 Swing. H. B. Benningfield. 2,052,915; Sept. 1.  
 Swing. M. L. Carraway. 2,027,089; Jan. 7.  
 Swing. M. E. Denney. 2,059,777; Nov. 3.  
 Swing. W. H. Fry. 2,048,110; July 21.  
 Swing, Collapsible. W. W. Bates. 2,044,964; June 23.  
 Swing for rodlines to pump jacks. R. A. Colgin. 2,033,756; Mar. 10.  
 Swing hanger. C. C. Hamby. 2,062,902; Dec. 1.  
 Swinging buck press. A. Matthews. 2,041,009; May 19.  
 Switch: See—  
 Alarm operated switch. Ignition and starter switch.  
 Alarm switch. Magnet switch.  
 Automatic safety switch. Mercury switch.  
 Automobile signal switch. Mercury tube switch.  
 Centrifugal switch. Motor starting switch.  
 Chain and wall switch. Multiple aerial switch.  
 Clock and time switch. Multiple switch.  
 Contact selector switch. One-button switch.  
 Control switch. Overspeed switch.  
 Cross bar switch. Power switch.  
 Direction indicator switch. Pressure controlled switch.  
 Disconnecting switch. Pressure operated switch.  
 Doorbell switch. Pressure switch.  
 Electric snap switch. Railway switch.  
 Electric switch. Safety switch.  
 Electric time switch. Selective switch.  
 Electrical switch. Selector control switch.  
 Electrically operated switch. Slow break switch.  
 Electromagnetic switch. Snap switch.  
 Elevator push button switch. Temperature controlled switch.  
 Fan switch. Thermal cut-out switch.  
 Fire alarm switch. Thermal switch.  
 Float switch. Thermal time switch.  
 Fluid controlled switch. Thermally controlled switch.  
 Fuse switch. Thermostatic overload switch.  
 Gang operated switch. Thermostatic switch.  
 Hygroscopic control switch.

Switch: See—  
 Thermostatic switch. Tire gauge switch.  
 Thermostatically controlled Toggle switch.  
 switch. Toy railway track switch.  
 Thermostatically operated Traffic signal switch.  
 switch. Trolley switch.  
 Thumb switch. Vacuum operated switch.  
 Time controlled switch. Vacuum switch.  
 Time switch. Vehicle rear and spotlight switch.  
 Timing switch. Vehicle signaling switch.  
 Tire deflation switch. Vehicle signaling switch.  
 Switch. H. Baker. 2,036,314; Apr. 7.  
 Switch. J. Barbeck. 2,049,149; July 28.  
 Switch. P. S. Bear and H. E. Bucklen. 2,033,372; Mar. 10.  
 Switch. J. Bell. 2,036,676; Apr. 7.  
 Switch. W. W. Carpenter. 2,060,176; Nov. 10.  
 Switch. H. Catron, R. L. Dashner, and M. W. Morris. 2,058,566; Oct. 27.  
 Switch. W. B. Connolly. 2,047,165; July 7.  
 Switch. S. R. Du Brie. 2,028,196; Jan. 21.  
 Switch. W. C. Edwards. 2,053,948; Sept. 8.  
 Switch. C. B. Judson. 2,034,870; Mar. 24.  
 Switch. H. C. Kalwitz. 2,041,250; May 19.  
 Switch. G. C. Lawson. 2,051,725; Aug. 18.  
 Switch. M. W. Morris. 2,056,015; Sept. 29.  
 Switch. J. F. Papendarm. 2,034,414; Mar. 17.  
 Switch. A. Ramsey. 2,063,954; Dec. 15.  
 Switch. S. Ruppel. 2,055,312; Sept. 22.  
 Switch. N. C. Schellenger. 2,030,657; Feb. 11.  
 Switch. N. C. Schellenger. 2,033,591; Mar. 10.  
 Switch. D. T. Siegel. 2,045,417; June 23.  
 Switch. D. G. Smellie. 2,056,743; Oct. 6.  
 Switch. R. K. Winning. 2,057,867; Oct. 20.  
 Switch and fabricating the same, Vacuum. W. K. Rankin and C. D. Hayward. 2,027,835; Jan. 14.  
 Switch and lock device. R. Macdonald. 2,057,532; Oct. 13.  
 Switch and outlet, Pendant. G. A. Johnson. 2,047,564; July 14.  
 Switch and reserve fuse mounting, Combined electric. A. Kreck. 2,053,997; Sept. 8.  
 Switch bank. R. W. Wagner. 2,057,865; Oct. 20.  
 Switch block, Pull-out. J. W. Dowler. 2,055,006; Sept. 22.  
 Switchboard. K. C. Randall. 2,050,378; Aug. 11.  
 Switchboards, Cleaning telephone. F. Ackerman. 2,043,278; June 9.  
 Switch box. C. S. Barkelew. 2,041,685; May 26.  
 Switch box. F. E. Norton. 2,039,550; May 5.  
 Switch box, Explosionproof. R. H. Olley. 2,050,854; Aug. 11.  
 Switch box latch clamp. J. E. Simek. 2,031,861; Feb. 25.  
 Switch brace and rerailer. D. Z. Anglin. 2,043,645; June 9.  
 Switch construction. A. W. Franklin. 2,064,157; Dec. 15.  
 Switch construction and arrangement. M. L. Goldbert and R. T. Watts. 2,054,415; Sept. 15.  
 Switch construction, Electric. H. A. Douglas. 2,044,065; June 16.  
 Switch construction for automotive vehicles. B. L. Bobroff. 2,057,000; Oct. 13.  
 Switch constructions. J. Bierenfeld. 2,034,938; Mar. 24.  
 Switch contact. R. A. Waite. 2,064,998; Dec. 22.  
 Switch contact, Electrical. L. Zickrick. 2,057,604; Oct. 13.  
 Switch control means, Electric. A. Diebold. 2,045,127; June 23.  
 Switch controlling apparatus, Railway. F. H. Nicholson. 2,039,828; May 5.  
 Switch controlling apparatus, Railway track. E. M. Allen. 2,060,486; Nov. 10.  
 Switch controlling apparatus, Railway track. C. W. Bell. 2,060,485; Nov. 10.  
 Switch controlling apparatus, Railway track. A. W. Fisher. 2,028,539; Jan. 21.  
 Switch controlling apparatus, Railway track. G. R. Pfasterer. 2,046,180; June 30.  
 Switch controlling apparatus, Railway track. J. J. Vanhorn. 2,060,487-8; Nov. 10.  
 Switch controlling apparatus, Railway track. H. S. Young. 2,026,810; Jan. 7.  
 Switch device. E. F. Beaverstock. 2,051,239; Aug. 18.  
 Switch device, Electric. A. Hall. 2,039,957; May 5.  
 Switch device, Electric. R. H. Money. 2,053,373; Sept. 8.  
 Switch device for electric drills. F. B. Hamerly. 2,055,863; Sept. 29.  
 Switch device for hydraulic accumulators, Control. W. Pirwitz. 2,062,674; Dec. 1.  
 Switch equipped tubular construction. F. W. Schwinn. 2,065,403; Dec. 22.  
 Switch for alarm clocks, Electric. H. Fritzsche. 2,028,973; Jan. 28.  
 Switch for automobiles, Safety. W. A. Wimmer. 2,056,877; Oct. 6.  
 Switch for burglar alarm systems. A. D. Palmer. 2,047,328; July 14.  
 Switch for electric circuits. F. Taxner. 2,060,837; Nov. 17.  
 Switch for electric flashlights. C. E. Pryor. 2,059,029; Oct. 27.  
 Switch for electric lamp sockets, Electric. T. Finizie and G. H. Elwell. 2,027,583; Jan. 14.  
 Switch for electric service lines, Automatic. J. E. Farrell. 2,035,307; Mar. 24.



- Switch for electric service lines, Electromagnetic. J. E. Farrell. 2,048,250; July 21.
- Switch for flashlights, Lock. J. F. Moran. 2,058,904; Oct. 27.
- Switch for two-flament lamps, Control. C. S. McGill and R. Popp. 2,044,317; June 16.
- Switch for use in telephone or like systems, Automatic. R. N. Saxby. 2,028,689; Jan. 21.
- Switch for web pasting devices, Adjustable butt. H. A. W. Wood. 2,048,766; July 28.
- Switch gear. M. H. Hobbs and H. H. Rugg. 2,050,323; Aug. 11.
- Switchgear, Electric. A. C. Ehrenberg. 2,048,496; July 21.
- Switch gear, Electric. C. Thumim. 2,057,546; Oct. 13.
- Switchgear, Electrical. C. R. Brown. 2,049,350; July 28.
- Switchgear, Electrical. D. R. Davies. 2,048,540; July 21.
- Switchgear, Electrical. A. M. Rossman. 2,051,901; Aug. 25.
- Switch gear, Electrical. C. Thumim. 2,035,771; Mar. 31.
- Switch gear, Electrical interlocking. E. S. Cornell, C. A. Koerner, and J. A. Stoos. 2,057,084; Oct. 13.
- Switchgear, Metal enclosed. R. Paxton, G. M. Reed, and C. H. Hill. 2,043,113; June 2.
- Switch interlocking means and method. F. D. Wyatt. 2,038,779; Apr. 28.
- Switch locking device, Railway. B. J. Schwendt and F. C. Lavarack. 2,060,448; Nov. 10.
- Switch mechanism. P. A. Schwartz. 2,029,130; Jan. 28.
- Switch mechanism. H. Sengebusch. 2,052,059; Aug. 25.
- Switch mechanism, Alternating current. J. F. Frese. 2,065,443; Dec. 22.
- Switch mechanism and signal. R. R. Consett. 2,058,974; Oct. 27.
- Switch mechanism, Automatic controlling. C. Yeomans. 2,040,892; May 19.
- Switch mechanism, Centrifugal. V. Weber. 2,062,736; Dec. 1.
- Switch mechanism, Control. W. M. Smith, P. B. Parks, and E. A. Russell. 2,030,945; Feb. 18.
- Switch mechanism, Electric. D. R. De Tar. 2,048,848; July 28.
- Switch mechanism, Electric. H. B. Joy. 2,026,980; Jan. 7.
- Switch mechanism, Film operated. J. D. Ritenour. 2,039,661; May 5.
- Switch mechanism for multiple outlet conduits. M. J. De Mask. 2,054,193; Sept. 15.
- Switch mechanism, Railway. C. C. Thorn. 2,031,513; Feb. 18.
- Switch mechanism, Thermally controlled. J. F. Frese. 2,044,678; June 16.
- Switch mechanisms, Electric. G. Waage. 2,054,147; Sept. 15.
- Switch of the toggle type, Electric snap. A. W. Krieger. 2,050,705; Aug. 11.
- Switch operating apparatus, Railway. H. L. Bone. 2,027,512; Jan. 14.
- Switch operating apparatus, Railway. H. L. Bone. 2,046,893; July 7.
- Switch operating apparatus, Railway. H. L. Bone. 2,051,128; Aug. 18.
- Switch operating mechanism. F. H. Cole. 2,041,902; May 26.
- Switch operating mechanism. F. H. Cole. 2,041,903; May 26.
- Switch operating mechanism, Differential. H. A. W. Wood. 2,046,048; June 30.
- Switch operating mechanism, Railway. H. L. Bone. 2,061,752; Nov. 24.
- Switch operator, Pressure responsive. J. H. Loeb. 2,057,387; Oct. 13.
- Switch, particularly for use on motor vehicles, Key-operated electric. W. Rae and T. A. Tisdell. 2,060,951; Nov. 17.
- Switch point connection. B. A. Lundy. 2,046,568; July 7.
- Switch point controlling device. F. Duquette. 2,046,677; July 7.
- Switch relay, Mercury. C. H. Larson. 2,063,609; Dec. 8.
- Switch stand. P. Hoffman and W. Perdue. 2,054,543; Sept. 15.
- Switch stand. W. S. Newhall. 2,054,758-9; Sept. 15.
- Switch structure with differential adjustment. L. M. Persons. 2,040,404; May 12.
- Switch structure with means to prevent arcing upon circuit closure. L. M. Persons. 2,040,405; May 12.
- Switch with automatic release. J. B. Dyer and W. C. Edwards. 2,043,470; June 9.
- Switches, Actuating enclosed electric. N. A. Tornblom. 2,029,599; Feb. 4.
- Switches, Device for the changing of. W. Baseler and K. Schieck. 2,054,027; Sept. 8.
- Switches for electric appliances, Control. W. R. Weeks. 2,035,035; Mar. 24.
- Switches, Operating mechanism for. H. J. L. Frank, J. A. Messing, and W. A. Harper. 2,042,777; June 2.
- Switching. H. B. Martin. 2,036,712; Apr. 7.
- Switching and signaling mechanism. A. K. Andriano. 2,063,009; Dec. 8.
- Switching apparatus. M. L. Engler. 2,062,871; Dec. 1.
- Switching arrangement for four-wire circuits. L. Espenschied and N. Monk. 2,031,696; Feb. 25.
- Switching device. J. G. Ferguson. 2,055,656; Sept. 29.
- Switching device. H. J. L. Frank. 2,039,589; May 5.
- Switching device. H. J. L. Frank. 2,059,513; Nov. 3.
- Switching device. W. H. Harvey. 2,034,866; Mar. 24.
- Switching device. L. A. Kille. 2,033,287; Mar. 10.
- Switching device. H. O. Siegmund. 2,052,319; Aug. 25.
- Switching device, Automatic safety. J. Gonnard. 2,045,133; June 23.
- Switching device, Electric. H. O. Siegmund. 2,052,318; Aug. 25.
- Switching device, Electromagnetic. F. B. Anderson. 2,056,242; Oct. 6.
- Switching device for electric motors. R. K. Albert. 2,032,349; Mar. 3.
- Switching device for radio receiving and other electrical systems. P. Kalencik. 2,064,348; Dec. 15.
- Switching device, High voltage. R. R. Pittman and C. H. Walsh. 2,048,464; July 21.
- Switching device, Make and break. E. E. Johnson. 2,040,772; May 12.
- Switching mechanism. J. N. Reynolds. 2,047,383; July 14.
- Switching mechanism. S. J. Stockfleth. 2,045,971; June 30.
- Switching mechanism, Time controlled reselector. J. Raber. 2,045,251; June 23.
- Switching system. J. G. Ferguson. 2,039,640; May 5.
- Switching system. E. E. Kleinschmidt. 2,037,472; Apr. 14.
- Switching system. T. A. Spencer. 2,041,873; May 26.
- Switching system, Automatic. O. C. Levy and C. E. Lomax. 2,049,615; Aug. 4.
- Switching unit, Metal clad. A. M. Rossman. 2,029,589; Feb. 4.
- Swivel. J. B. Freysinger. 2,044,425; June 16.
- Swivel. J. S. Morgan, Jr., and D. A. Murphy. 2,029,631; Feb. 4.
- Swivel. E. Timbs and D. A. Murphy. 2,029,598; Feb. 4.
- Swivel electrical connector. A. E. Caldwell. 2,055,999; Sept. 29.
- Swivel hanger, carrier, and control for sliding doors. J. Cornish. 2,047,855; July 14.
- Swivel hose coupling. J. Broadley. 2,044,052; June 16.
- Swivel joint. I. Cowles. 2,053,062; Oct. 20.
- Swivel nut lock. C. A. Caldwell. 2,048,424; July 21.
- Swivel, Rotary. J. D. Spalding. 2,031,337; Feb. 18.
- Swiveling hook device. M. H. McEwan. 2,036,594; Apr. 7.
- Syenites, Treatment of. J. H. Wels. 2,047,345; July 14.
- Sylvicultural machine. F. Weismüller. 2,027,502; Jan. 14.
- Synchronism correction for multiplex. R. E. Mathes. 2,038,375; Apr. 21.
- Synchronizer, Automatic. G. W. Moore. 2,054,908; Sept. 22.
- Synchronizing apparatus for photo-telegraphy. A. G. Cooley. 2,045,294; June 23.
- Synchronizing apparatus for phototelegraphy. A. G. Cooley. 2,052,383; Aug. 25.
- Synchronizing clutch. L. J. Campbell. 2,042,168; May 26.
- Synchronizing device. H. J. Murray. 2,048,883; July 28.
- Synchronizing device for automotive vehicles. H. J. Murray. 2,043,806; June 9.
- Synchronizing device for machine guns on aircraft. J. Szal. 2,027,755; Jan. 14.
- Synchronizing mechanism. C. H. Barton. 2,043,692; June 9.
- Synchronizing mechanism. K. R. Manville. 2,046,957; July 7.
- Synchronizing mechanism. A. D. Robbins. 2,035,507; Mar. 31.
- Synchronizing system. B. Adler. 2,039,869; May 5.
- Synchronizing system. R. Bown. 2,037,847; Apr. 21.
- Synchronizing system. G. L. Erickson and P. E. Teter. 2,053,025; Sept. 1.
- Synchronizing system. W. S. Lemmon. 2,053,091; Sept. 1.
- Synchronizing system. R. E. Mathes. 2,062,009; Nov. 24.
- Synchronizing system. E. R. Morton. 2,050,363; Aug. 11.
- Synchronizing system. P. A. Noxon. 2,031,976; Feb. 25.
- Synchronizing system. R. M. Ryan. 2,036,983; Apr. 7.
- Synchronizing system. L. J. Wolf. 2,033,021; Mar. 3.
- Synchronous motor. A. H. Neureuther. 2,046,130; June 30.
- Synchronous motor. M. E. Thompson. 2,047,528; July 14.
- Synchronous motor. H. E. Warren. 2,034,499; Mar. 17.
- Synchronous motor, Non-self-starting. H. E. Warren. 2,038,396; Apr. 21.
- Synthetic products, Apparatus for and process of making. G. H. Ellis. 2,030,625; Feb. 11.
- Synthetic products, Making. G. H. Ellis. 2,036,466; Apr. 7.
- Synthetic speech machine. W. W. Fuller. 2,054,216; Sept. 15.
- Syringe. R. C. Angell. 2,034,367; Mar. 17.
- Syringe. S. Bergman. 2,062,285; Dec. 1.
- Syringe. F. S. Dickinson. 2,037,768; Apr. 21.
- Syringe. C. E. and G. E. Leonard. 2,064,619; Dec. 15.
- Syringe. S. Sinkler. 2,047,438; July 14.
- Syringe. L. M. Smith. 2,034,926; Mar. 24.
- Syringe. A. J. Williams. 2,065,779; Dec. 29.
- Syringe. F. J. Wolff. 2,050,407; Aug. 11.



- Syringe, Blood transfusion. R. P. Landis. 2,057,726; Oct. 20.
- Syringe, Blood transfusion. J. T. Moore. 2,057,901; Oct. 20.
- Syringe, Cartridge. C. W. Barton. 2,032,559; Mar. 3.
- Syringe cartridges and the like, Apparatus for filling. J. L. Armstrong. 2,064,815; Dec. 22.
- Syringe, Dental. C. R. Meitzler. 2,029,734; Feb. 4.
- Syringe for blood transfusions. R. Mann. 2,028,161; Jan. 21.
- Syringe, Fountain. T. W. Miller. 2,044,911-12; June 23.
- Syringe, Hydrometer. F. Altmayer. 2,031,025; Feb. 18.
- Syringe, Hypodermic. R. A. Kauffman. 2,047,512; July 14.
- Syringe, Hypodermic. M. W. Kratz. 2,043,832; June 9.
- Syringe injector, Automatic. F. S. Dickinson. 2,047,010; July 7.
- Syringe set. T. W. Miller. 2,032,808; Mar. 3.
- Syringe, Vaginal. S. Sinkler. 2,047,437; July 14.
- Syringe, Vaginal and rectal. W. H. Kammer. 2,036,218; Apr. 7.
- Syringe, Water. J. J. Holland. 2,029,483; Feb. 4.
- System for remotely controlling the frequency of an oscillator circuit. P. D. Lowell. 2,056,011; Sept. 29.
- System sensitive to vibrations. H. R. Prescott and A. P. Lipski. 2,058,106; Oct. 20.
- T-wire staple bender. H. Hansen. 2,036,140; Mar. 31.
- Tab affixing machine. J. Griesinger. 2,052,023; Aug. 25.
- Tab clip. L. T. Larson. 2,055,152; Sept. 22.
- Tab end folding mechanism. J. E. Blosser and P. Burke. 2,037,561; Apr. 14.
- Tab, Web roll. H. A. W. Wood. 2,039,696; May 5.
- Tabs in piles of sheets, Device for inserting. J. Foellmer. 2,052,615; Sept. 1.
- Tabs, Making garter. L. H. Bardach and N. H. Curtiss. 2,063,019; Dec. 8.
- Table: See—
- Adjustable table.
  - Arm rest and instrument table.
  - Assembly table.
  - Ball table.
  - Beach umbrella table.
  - Bridge table.
  - Card table.
  - Collapsible bridge table.
  - Collapsible drawing table.
  - Collapsible ironing table.
  - Collapsible table.
  - Convertible table.
  - Cutting and drawing table.
  - Extensible table.
  - Extensible top table.
  - Extension table.
  - Foldable table.
  - Folding table.
  - Food cooking and service table.
  - Fruit and vegetable filling table.
  - Game table.
  - Hall table.
  - Illuminated folding table.
  - Ironing table.
  - Lap table.
  - Mattress assembling table.
  - Motor table.
  - Obstetric table.
  - Operating table.
  - Pool and billiard table.
  - Portable adjusting table.
  - Portable table.
  - Spinal fracture - reducing table.
  - Three-legged drop leaf chair-side table.
  - Work supporting table.
  - X-Ray operating table.
  - X-ray table.
  - X-ray tilt table.
- Table. C. R. Crosno. 2,050,561; Aug. 11.
- Table. R. A. Dieman. 2,040,432; May 12.
- Table. O. H. Gallamore. 2,049,114; July 28.
- Table. N. M. Hiser. 2,045,467; June 23.
- Table. D. D. Myers. 2,026,995; Jan. 7.
- Table. C. M. Rice. 2,032,593; Mar. 3.
- Table. P. A. Rossi. 2,061,717; Nov. 24.
- Table. H. Stewers. 2,041,438; May 19.
- Table. A. L. Sinclair. 2,047,388-9; July 14.
- Table. M. Waldschock. 2,050,677; Aug. 11.
- Table and book ledge. R. C. Burnley. 2,040,077; May 12.
- Table and book rest, Bed. A. Nichols. 2,050,115; Aug. 4.
- Table and expanding table, Combined billiard. R. and H. Roch. 2,030,655; Feb. 11.
- Table and feeding mechanism therefor, Work. J. and S. W. Bath. 2,061,448; Nov. 17.
- Table and floor lamp. H. Thornton. 2,048,577; July 21.
- Table and ironing board, Combination. W. Nelson. 2,040,211; May 12.
- Table apparatus, Bowling. L. H. Smith. 2,056,985; Oct. 13.
- Table construction. J. K. Mitchell. 2,029,434; Feb. 4.
- Table covering. A. D. Collette. 2,029,856; Feb. 4.
- Table for glass sheets, Turnover. W. Owen. 2,028,917; Jan. 28.
- Table for kitchen cabinets, Extension. P. H. Weber. 2,054,843; Sept. 22.
- Table for motor vehicles. C. Hundertmark. 2,050,951; Aug. 11.
- Table for rolling mills, Feed. A. G. Delany. 2,056,959; Oct. 13.
- Table for sheets, Feed. R. M. Fenton. 2,030,816; Feb. 11.
- Table leaf support. F. L. Casper. 2,031,759; Feb. 25.
- Table leg length equalizer. C. E. Barker. 2,055,715; Sept. 29.
- Table legs, Folding. W. C. Rastetter. 2,049,221; July 28.
- Table shuffleboard. H. B. Luse. 2,048,275; July 21.
- Table slide, Group. J. Huber. 2,064,749; Dec. 15.
- Table top extension clamp. A. F. Wagoner. 2,031,398; Feb. 18.
- Tables and chairs, Nested. E. L. Breese. 2,030,195; Feb. 11.
- Tables, Attachment for operating. J. F. Holt. 2,051,712; Aug. 18.
- Tablet compressing machine. C. J. Westin and A. Donaghy, Sr. 2,043,086; June 2.
- Tablet depositing machine. G. S. Suppiger, C. Alexander, and J. H. Schreiber. 2,060,645; Nov. 10.
- Tablet dispensing box. F. J. O'Brien. 2,063,556; Dec. 8.
- Tablet dispensing container. J. P. Burke. 2,046,869; July 7.
- Tablet holder. W. W. Tiede. 2,060,406; Nov. 10.
- Tablet machine. C. J. Westin and C. J. Beck. 2,043,085; June 2.
- Tablet, Record. L. D. Norton. 2,043,769; June 9.
- Tablets of pure dextrose. H. Meyer. 2,046,833; July 7.
- Tabulating device. B. C. Stickney. 2,027,565; Jan. 14.
- Tabulating machine. J. W. Bryce. 2,063,482; Dec. 8.
- Tabulating machine. E. Buhler. 2,030,427; Feb. 11.
- Tabulating machine. F. M. Carroll. 2,063,486; Dec. 8.
- Tabulating machine. F. M. Carroll. 2,063,487; Dec. 8.
- Tabulating machine. F. M. Carroll and A. F. Smith. 2,056,389; Oct. 6.
- Tabulating machine. G. F. Daly. 2,036,024; Mar. 31.
- Tabulating machine. G. F. Daly. 2,036,683; Apr. 7.
- Tabulating machine. E. M. La Boiteaux. 2,035,752; Mar. 31.
- Tabulating machine. E. M. La Boiteaux. 2,039,810; May 5.
- Tabulating machine. W. W. Lasker. 2,034,103; Mar. 17.
- Tabulating machine. W. W. Lasker. 2,044,119; June 16.
- Tabulating machine. W. W. Lasker. 2,044,121; June 16.
- Tabulating machine. W. W. Lasker. 2,059,252; Nov. 3.
- Tabulating machine. J. A. Little. 2,046,027; June 30.
- Tabulating machine. A. W. Mills. 2,053,243; Sept. 1.
- Tabulating machine. R. E. Paris. 2,047,519; July 14.
- Tabulating machine. R. E. Paris. 2,063,118; Dec. 8.
- Tabulating machine. J. H. Rand, Jr. and W. W. Lasker. 2,059,277; Nov. 3.
- Tabulating machine, Perforated record controlled. R. Duncan and L. F. Wilkinson. 2,056,841; Oct. 6.
- Tabulating machines, Ribbon shift mechanism for. R. Duncan and L. F. Wilkinson. 2,041,637; May 19.
- Tabulating or accounting machine. R. D. McCormack. 2,041,256; May 19.
- Tabulator. E. L. Kirkegaard. 2,059,797; Nov. 3.
- Tabulator. J. R. Peirce. 2,042,324; May 26.
- Tabulator, Electrical. M. Maul. 2,036,064; Mar. 31.
- Tabulator, Subtracting. J. R. Peirce. 2,056,363; Oct. 6.
- Tack. G. A. Wallin. 2,061,372; Nov. 17.
- Tack making machine. B. P. Cooper and J. N. Henshaw. 2,048,839; July 28.
- Tackle for releasable sinkers. L. Semar. 2,039,120; Apr. 28.
- Tackle swivel. C. Otte. 2,032,764; Mar. 3.
- Tag. H. Roth. 2,031,229; Feb. 18.
- Tag, Bale. W. S. Nichols. 2,054,227; Sept. 15.
- Tag, Detachable. L. E. Williams. 2,046,354; July 7.
- Tag, Detachable. L. E. Williams. 2,065,916-7; Dec. 29.
- Tag fastener. C. A. Flood. 2,030,363; Feb. 11.
- Tag fastener. W. L. Hall. 2,064,744; Dec. 15.
- Tag fastener. R. W. Howell. 2,054,256; Sept. 15.
- Tag fastener. S. Weiss. 2,058,647; Oct. 27.
- Tag fastener. S. Weiss. 2,061,927; Nov. 24.
- Tag holder. T. F. Kelly. 2,032,617; Mar. 3.
- Tag holder for storage batteries. E. R. Reynolds. 2,051,345; Aug. 18.
- Tag, Identification. W. Ashton. 2,060,921; Nov. 17.
- Tag, Key identifying. A. H. Golden. 2,058,862; Oct. 27.
- Tag, License. T. A. Kirton. 2,030,702; Feb. 11.
- Tag locking device, Automobile. J. K. Robinson. 2,050,464; Aug. 11.
- Tag, Marking. G. H. Taylor. 2,061,215; Nov. 17.
- Tag marking machine, Power driven. F. W. Laencher. 2,027,736; Jan. 14.
- Tag, Price. F. W. Laencher. 2,034,659; Mar. 17.
- Tagging device. J. J. Lee. 2,064,209; Dec. 15.
- Tagging machine. R. W. French. 2,031,476; Feb. 18.
- Tail board for vehicles. B. M. Stannard. 2,042,911; June 2.
- Taillight and signal, Alternating. O. J. Crawford and J. W. Brown. 2,032,472; Mar. 3.
- Tail set. G. B. Giltner. 2,047,065; July 7.
- Tailstock construction for lathes. R. K. Le Blond. 2,062,790; Dec. 1.
- Tail wheel. D. C. Rowe. 2,032,718; Mar. 3.
- Tailor's appliance. C. E. Reed. 2,035,342; Mar. 24.
- Take-off device for looms. W. Simmons. 2,052,493; Aug. 25.
- Take-up bearing. H. Kuehling. 2,053,197; Sept. 1.
- Take-up block. H. G. Proctor. 2,032,716; Mar. 3.
- Take-up device. E. E. Ehrlich. 2,063,234; Dec. 8.
- Take-up device. H. J. Stegeman. 2,044,719; June 16.
- Take-up device for brake systems, Automatic double-acting. H. Gallusser. 2,035,228; Mar. 24.
- Take-up device for knitting machines. J. A. Stafford and K. Wurzbacher. 2,037,282; Apr. 14.
- Talk eliminator, Cross. J. Evans. 2,051,520; Aug. 18.
- Talking device. E. Schwartz. 2,042,736; June 2.
- Talking device, Electromagnetic. S. Begun and W. Weiche. 2,048,487; July 21.
- Talking machine. A. Laehr. 2,035,287; Mar. 24.
- Talking machine. H. A. Thompson and E. Chiffey. 2,058,842; Oct. 27.
- Talking machine. W. Weigel. 2,056,378; Oct. 6.
- Talking machine, Automatic. S. Kresberg and V. Peterfesa. 2,050,849; Aug. 11.



- Talking machine for recording and reproduction. W. Rabald. 2,053,108; Sept. 1.
- Talking machine, Time recording. F. L. Dyer. 2,034,943; Mar. 24.
- Tamper for concrete road finishing machines. H. E. McCrery. 2,042,156; May 26.
- Tamping apparatus. N. D. Levin and E. F. Muller. 2,027,391; Jan. 14.
- Tamping for explosives. L. W. Blau. 2,055,618; Sept. 29.
- Tampon, Hygienic catamenial. E. F. Pohl. 2,057,206; Oct. 13.
- Tandem control for presses. A. F. Hanney. 2,045,353; June 23.
- Tandem engine arrangement. R. S. Van Atta. 2,049,339; July 28.
- Tandem valve concrete pump. C. F. Ball. 2,062,200; Nov. 24.
- Tank: *See*—
- |                                   |                              |
|-----------------------------------|------------------------------|
| Acidproof tank.                   | Glass melting tank.          |
| Bathing tank.                     | Hot water storage tank.      |
| Cartridge tank.                   | Seamless tank.               |
| Combination mash and lauter tank. | Sedimentation tank.          |
| Flush tank.                       | Settling tank.               |
| Fuel tank.                        | Sludge digestion tank.       |
| Gas tank.                         | Storage tank.                |
| Gasoline tank.                    | Washing machine mixing tank. |
- Tank. A. C. Bean and J. B. Ray. 2,041,392; May 19.
- Tank. P. M. Kuehn. 2,045,478; June 23.
- Tank and filter system. W. W. Infield. 2,047,687; July 14.
- Tank and hose enclosure, Combined syringe. R. M. Rigney. 2,062,040; Nov. 24.
- Tank and making the same, Flushing. J. L. Johns. 2,057,149; Oct. 13.
- Tank and operating the same, Glass. W. G. Koupal. 2,042,852; June 2.
- Tank assemblage, Trailer. F. G. Thwaites. 2,061,117; Nov. 17.
- Tank car. K. S. Howard. 2,032,212; Feb. 25.
- Tank car valve. O. B. Allred. 2,059,078; Oct. 27.
- Tank cleaning apparatus, Oil. B. Olsson. 2,065,462; Dec. 22.
- Tank construction. C. P. McNeil. 2,036,180; Mar. 31.
- Tank construction. H. Schorer. 2,058,038; Oct. 20.
- Tank construction, Vehicle. C. E. Morley. 2,054,706; Sept. 15.
- Tank cradle, Demountable. B. F. Fitch. 2,056,179; Oct. 6.
- Tank discharger for airplanes, Gas. J. H. Hammond, Jr. 2,038,998; Apr. 28.
- Tank equipment, Oil field. J. N. Thomas. 2,061,094; Nov. 17.
- Tank filler neck construction, Fuel. B. H. Anibal and J. W. Leggat. 2,053,546; Sept. 8.
- Tank filler tube, Theft preventing. W. Jay. 2,066,202; Dec. 29.
- Tank filling device. A. Kremser. 2,048,936; July 28.
- Tank float, Flush. P. F. Reichert. 2,048,755; July 28.
- Tank for fibrous material suspended in liquid, Mixing. J. C. F. C. Richter. 2,047,595; July 14.
- Tank for liquid storage, Safety pressure. W. A. Sandberg. 2,043,071; June 2.
- Tank for oils, Wood storage. C. W. Stevens and J. P. Neel. 2,038,065; Apr. 21.
- Tank for petroleum or other liquids. J. Peyrouze. 2,057,248; Oct. 13.
- Tank for sewage and the like, Settling. W. W. Sayers. 2,064,497; Dec. 15.
- Tank for storage of liquids, especially hydrocarbons. A. W. Syndergaard. 2,031,553; Feb. 18.
- Tank gauge. L. H. Bogart. 2,031,999; Feb. 25.
- Tank gauge float. O. B. Arntzen. 2,043,364; June 9.
- Tank trailer. H. H. Robinson. 2,036,607; Apr. 7.
- Tank trailer. H. H. Robinson. 2,039,452; May 5.
- Tank truck. F. A. Holby. 2,037,020-2; Apr. 14.
- Tank truck. F. A. Holby. 2,037,024; Apr. 14.
- Tank truck and fluid circulating system. E. R. Barrett. 2,060,484; Nov. 10.
- Tank truck plug, Quick-opening. G. H. Clay. 2,045,834; June 30.
- Tank vapor electric device, Metal. O. Krines. 2,042,535; June 2.
- Tank vehicle. R. A. Bradley and V. C. Norquist. 2,041,320; May 19.
- Tank vehicle. R. A. Bradley, E. E. and V. C. Norquist. 2,056,820; Oct. 6.
- Tank vehicle, Frameless. H. J. Dillon. 2,026,826; Jan. 7.
- Tank washing and watering device. W. H. Bell. 2,030,194; Feb. 11.
- Tank washing apparatus. W. Ostling. 2,029,788; Feb. 4.
- Tanks and the like, Apparatus for cleaning. C. Richard. 2,029,795; Feb. 4.
- Tanks, Apparatus for cleaning sedimentation. W. C. Laughlin and A. B. Asch. 2,033,291; Mar. 10.
- Tanks, Attachment for gasoline. R. A. Hille. 2,050,793; Aug. 11.
- Tanks, Construction of gasometer roof. E. H. Staber. 2,061,175; Nov. 17.
- Tanks, Device for sealing-off metal. W. A. Wilkins. 2,032,862; Mar. 3.
- Tanks, Method and apparatus for protecting oil storage. J. E. Pollock. 2,042,274; May 26.
- Tannin briquette containing a retarding agent. A. H. Reynolds. 2,045,335; June 23.
- Tannin extracts, Treatment of. F. Fontana. 2,058,303; Oct. 20.
- Tanning. H. G. Turley and I. C. Somerville. 2,029,088; Jan. 28.
- Tanning agent, Synthetic. H. Schuette and R. Alles. 2,038,529; Apr. 28.
- Tanning agents, Producing synthetic. H. Schuette. 2,036,161; Mar. 31.
- Tanning material, Synthetic. A. O. Jaeger. 2,029,322; Feb. 4.
- Tanning material, Synthetic. A. O. Jaeger. 2,051,607; Aug. 18.
- Tanning materials, Manufacture of new. H. Noerr and G. Mauthe. 2,045,049; June 23.
- Tanning process. C. Dangelmajer and E. C. Perkins. 2,061,063; Nov. 17.
- Tantalum carbide, Cemented. F. C. Kelley. 2,053,151; Sept. 1.
- Tap. H. E. Pruitt. 2,058,351; Oct. 20.
- Tap. J. D. Tucker. 2,033,557; Mar. 10.
- Tap and rod assembly. F. E. Rice. 2,033,786; Mar. 10.
- Tap and surfacing implement, Combined. A. E. and I. L. Dennis. 2,053,253; Sept. 8.
- Tap, Collapsible. J. A. Ferguson. 2,055,146; Sept. 22.
- Tap, Collapsible. F. Nell. 2,028,075; Jan. 14.
- Tap finding device. J. D. Munton and W. O. Reeves. 2,051,054; Aug. 18.
- Tap for barrels. F. E. Rice. 2,043,491; June 9.
- Tap for liquid receptacles. V. Alvear. 2,062,199; Nov. 24.
- Tap, Inset. E. Atkinson. 2,027,011; Jan. 7.
- Tap washer. H. Cohen. 2,027,859; Jan. 14.
- Tapping and refill-controlling device. C. Karageorgieff. 2,065,373; Dec. 22.
- Tapping attachment. G. W. Emrick. 2,035,224; Mar. 24.
- Tapping fitting. A. J. and I. F. Fausek. 2,056,044; Sept. 29.
- Tape, Adhesive. F. W. Humphner. 2,032,845; Mar. 3.
- Tape advancing device. H. L. Krum and W. J. Zenner. 2,040,856; May 19.
- Tape and projecting images therefrom, Method of and apparatus for feeding. K. L. Curtis. 2,028,146; Jan. 21.
- Tape and sealing therewith, Gummed. W. F. Harrison. 2,063,999; Dec. 15.
- Tape and thread, Device for packaging. B. C. Creed. 2,041,324; May 19.
- Tape-applying machine. W. P. Osgood. 2,026,911; Jan. 7.
- Tape at terminal of insulated conductors, Grounding shielding. B. Jore. 2,036,414; Apr. 7.
- Tape carrier. C. G. Holgate. 2,028,836; Jan. 28.
- Tape, Coilable metal. H. F. Ritter. 2,036,720; Apr. 7.
- Tape, Coilable metal. H. F. Ritter. 2,048,969; July 28.
- Tape condenser. J. H. Kovar. 2,044,217; June 16.
- Tape cutter. R. E. Miller. 2,035,180; Mar. 24.
- Tape cutter. J. Stich. 2,038,910; Apr. 28.
- Tape drawing device. A. D. Eitzen. 2,045,536; June 23.
- Tape drawing device. A. D. Eitzen. 2,045,539; June 23.
- Tape, Fastener. J. A. O'Brien. 2,039,829; May 5.
- Tape, Fastener. F. E. Wilson. 2,042,286; May 26.
- Tape feed for printed strips. G. M. Yorke and R. F. Dirkes. 2,048,311; July 21.
- Tape for slide fasteners and the like, Elastic. J. A. Hendley. 2,061,073; Nov. 17.
- Tape for Venetian blinds, Articulated metal. W. P. Cameron. 2,037,703; Apr. 21.
- Tape guide mechanism for quotation projectors. A. D. Eitzen. 2,028,767; Jan. 28.
- Tape, Gummed. W. W. McLaurin. 2,057,042; Oct. 13.
- Tape gummer, Hand. M. L. Flood. 2,044,840; June 23.
- Tape, Head and socket fastener. L. Roseman. 2,033,651; Mar. 10.
- Tape ladder for Venetian blinds. G. C. Runge. 2,031,981; Feb. 25.
- Tape, Making hook and eye. J. L. Alberts. 2,034,689; Mar. 24.
- Tape, Masking. P. Van Cleef. 2,038,325; Apr. 21.
- Tape measure. J. S. Dulczewski. 2,055,281; Sept. 22.
- Tape moistener and cutter, Paper. L. A. Westbo. 2,032,643; Mar. 3.
- Tape perforator. H. L. Krum. 2,042,788; June 2.
- Tape pulling device. A. D. Eitzen. 2,043,240; June 9.
- Tape, Snap. N. I. Fleischer. 2,053,820; Sept. 8.
- Tape, Snap fastener. L. Roseman. 2,033,650; Mar. 10.
- Tape, Stenciling. H. E. Gragg. 2,040,988; May 19.
- Tape, Thermal insulating. C. K. Dillingham and P. D. Cannon. 2,035,950; Mar. 31.
- Tape to a garment to form a crease therein, Sewing a. D. and S. Segelin. 2,054,762; Sept. 15.
- Tape, Wrapping. G. Sins. 2,028,251; Jan. 21.
- Tapes, Attachment for measuring. E. L. Stewart. 2,035,379; Mar. 24.
- Taping and folding machine. J. E. McIntire. 2,042,545; June 2.
- Taping mechanism. L. R. MacLeod. 2,043,051; June 2.
- Taper gauge. A. L. Bosence and G. B. Ingraham. 2,038,472; Apr. 21.
- Tappet. R. R. Facchini. 2,042,884; June 2.
- Tappet. D. A. Wallace. 2,044,598; June 16.
- Tappet gauge. J. A. Chyba. 2,038,924; Apr. 28.
- Tappet, Scavenging. J. L. Taylor. 2,047,446; July 14.
- Tappets, Forming. J. L. Dostal. 2,039,397; May 5.
- Tappets, Making. H. I. Dyer. 2,055,341; Sept. 22.



- Tar acid product and producing it. C. R. Downs and R. P. Weiss. 2,030,690; Feb. 11.
- Tar acids, Extraction of. E. H. Ellms. 2,040,084; May 12.
- Tar acids from tar, Recovery of. S. P. Miller. 2,040,096; May 12.
- Tar and bituminous schist oils with recovery of by-products, Cracking. L. Boulanger and F. Emsens. 2,027,464; Jan. 14.
- Tar distillation. W. M. Bywater. 2,044,764; June 23.
- Tar distillation. A. H. Radasch. 2,045,407; June 23.
- Tar, Distillation of. A. A. MacCubbin and J. Zaverlnik, Jr. 2,029,883; Feb. 4.
- Tar, Distillation of. S. P. Miller. 2,040,097; May 12.
- Tar emulsions, Apparatus for dehydration of. T. H. Jackson. 2,039,003; Apr. 28.
- Tar extractor. W. R. Pendry. 2,041,016; May 19.
- Tar, Heating. S. P. Miller. 2,064,486; Dec. 15.
- Tar treatment. A. H. Radasch. 2,040,104; May 12.
- Tar, Treatment of. S. P. Miller. 2,040,098; May 12.
- Tar, Treatment of. S. P. Miller. 2,040,100-101; May 12.
- Tars, Treatment of. R. F. Davis. 2,035,868; Mar. 31.
- Target. C. E. Armantrout. 2,048,155; July 21.
- Target. W. H. Reynolds. 2,039,552; May 5.
- Target. A. Straka. 2,059,918; Nov. 3.
- Target, Automatic. J. W. Sheffield. 2,034,839; Mar. 24.
- Target device. N. E. Squire. 2,061,092; Nov. 17.
- Target game. S. Graf. 2,026,831; Jan. 7.
- Target, Golf. T. Warson. 2,043,273; June 9.
- Target-making machine. J. W. Napier. 2,064,624; Dec. 15.
- Target trap. H. E. Winans. 2,063,284; Dec. 8.
- Taximeter. G. C. Coil. 2,034,389; Mar. 17.
- Tea infuser. F. H. Newman. 2,065,149; Dec. 22.
- Teakettle, Electric. R. N. Kircher. 2,027,537; Jan. 14.
- Teakettle spout. R. F. Krause. 2,026,839; Jan. 7.
- Tectonics of the earth, Apparatus for determining sub-surface. J. C. Karcher. 2,044,079; June 16.
- Tee and ball lifter, Combined. C. E. Douglas. 2,044,838; June 23.
- Tee, Rubber shield. C. R. Williams. 2,033,269; Mar. 10.
- Teeth and gums, Massaging and cleansing device for. E. L. Ness. 2,041,262; May 19.
- Teeth, Artificial. A. Gysi. 2,050,837; Aug. 11.
- Teeth, Attachment for artificial. J. Taguchi. 2,032,102; Feb. 25.
- Teeth, Packing for artificial. H. Freedman. 2,029,161; Jan. 28.
- Teeth separator. W. I. Ferrier. 2,048,856; July 28.
- Telecinematographic emitter. R. Barthelemy. 2,050,412; Aug. 11.
- Telecommunication system. W. G. H. Finch. 2,047,863; July 14.
- Telegraph exchange system, Printing. O. C. Levy. 2,056,730; Oct. 6.
- Telegraph installation, Double current. M. Amann and S. Cahn. 2,047,091; July 7.
- Telegraph lines to interference, Testing the susceptibility of. G. L. Erickson and J. J. Christoffel. 2,030,814; Feb. 11.
- Telegraph receiver, Carrier. C. A. Borgeson. 2,065,640; Dec. 29.
- Telegraph repeater. E. T. Burton. 2,039,629; May 5.
- Telegraph repeater, Impulse. G. C. Cummings. 2,044,062; June 16.
- Telegraph repeater, Start-stop. J. Herman. 2,028,835; Jan. 28.
- Telegraph repeating system. F. S. Kinkead and G. A. Locke. 2,056,277; Oct. 6.
- Telegraph signaling apparatus. H. V. Higglitt. 2,029,071; Jan. 28.
- Telegraph system and apparatus. A. E. Thompson and R. D. Salmon. 2,052,677; Sept. 1.
- Telegraph system and apparatus, Facsimile printing. E. E. and E. F. Kleinschmidt. 2,046,328; July 7.
- Telegraph system, Carrier wave printing. P. D. Lowell. 2,033,948; Mar. 17.
- Telegraph system, Facsimile. E. F. Watson. 2,046,437; July 7.
- Telegraph system, Iterative. R. Bown. 2,050,265; Aug. 11.
- Telegraph system, Printing. T. L. Corwin. 2,031,934; Feb. 25.
- Telegraph system, Printing. C. C. Lane. 2,058,605; Oct. 27.
- Telegraph testing system. S. H. Giffin. 2,034,806; Mar. 24.
- Telegraph transmitter. L. M. Potts. 2,057,111; Oct. 13.
- Telegraphic repeater system. K. Etzrodt, H. Fülling, and W. Hähne. 2,055,343; Sept. 22.
- Teleindicating device, Electrical. N. E. Methlin. 2,045,042; June 23.
- Telemeter. I. Kitroser. 2,053,196; Sept. 1.
- Telemetering and position-signaling device and system. W. Stablein. 2,061,410; Nov. 17.
- Telemetering device. C. W. Bristol. 2,040,918; May 19.
- Telemetering, Method of and apparatus for. E. S. Smith, Jr. 2,061,441; Nov. 17.
- Telemetering system. H. Dallmann. 2,052,385; Aug. 25.
- Telemetering system, Electric. J. F. Quereau and A. J. Williams, Jr. 2,050,629; Aug. 11.
- Telemetric apparatus. E. Ramelet. 2,046,846; July 7.
- Telemetric controller. E. S. Smith, Jr. 2,059,152; Oct. 27.
- Telemetric device. R. W. Carlson. 2,036,458; Apr. 7.
- Telemetric proportioning controller. D. J. Purdie. 2,059,142; Oct. 27.
- Telemetric proportioning controller. C. G. Richardson. 2,059,145; Oct. 27.
- Telemetric proportioning system. E. S. Smith, Jr. 2,059,151; Oct. 27.
- Telemetric system and mechanism for use therewith. P. Yates. 2,035,358; Mar. 24.
- Telephone. F. Arnold. 2,062,019; Nov. 24.
- Telephone. J. A. Briggs. 2,060,607; Nov. 10.
- Telephone accessory. A. M. Peters. 2,042,548; June 2.
- Telephone adapter. G. Babcock. 2,048,482; July 21.
- Telephone and fire dispatch system, Combined. R. C. Bradford. 2,065,642; Dec. 29.
- Telephone and signal system. E. S. Peterson. 2,052,055; Aug. 25.
- Telephone apparatus, Automatic. A. Boyé. 2,043,526; June 9.
- Telephone booth. P. H. Sherron. 2,037,094; Apr. 14.
- Telephone call apparatus. J. Servanton and J. M. Con-sael. 2,032,229; Feb. 25.
- Telephone call distributing system. J. Meszar. 2,059,596; Nov. 3.
- Telephone call system. J. H. Rouse. 2,063,830; Dec. 8.
- Telephone call transmitter. H. W. Goff. 2,036,037; Mar. 31.
- Telephone circuit, Operator's. H. T. Carter. 2,030,961; Feb. 18.
- Telephone circuit, Operator's. E. Dietze. 2,030,971; Feb. 18.
- Telephone coin collector. S. T. Curran. 2,048,539; July 21.
- Telephone coin collector. L. E. Parsons. 2,049,174; July 28.
- Telephone coin collector. C. J. Patche. 2,048,810; July 28.
- Telephone desk set mechanism. R. Horn and J. Humphreys. 2,040,311; May 12.
- Telephone dial light. J. W. Allison. 2,033,116; Mar. 10.
- Telephone exchange system. S. W. Allison and J. B. McKim. 2,027,142; Jan. 7.
- Telephone exchange system. F. A. Stearn. 2,030,412; Feb. 11.
- Telephone exchange system. S. B. Williams. 2,030,419; Feb. 11.
- Telephone, Explosionproof. R. F. Lester. 2,037,803; Apr. 21.
- Telephone, Hand. H. Sengebusch. 2,059,714; Nov. 3.
- Telephone instrument. A. A. Thomas. 2,035,104; Mar. 24.
- Telephone instrument. A. A. Thomas. 2,049,784; Aug. 4.
- Telephone line. O. Henderson. 2,039,413; May 5.
- Telephone line system. L. J. Bowne. 2,055,647; Sept. 29.
- Telephone loading unit and balancing same. J. A. Worcester. 2,055,189; Sept. 22.
- Telephone message recorder. R. F. Mallina. 2,063,323; Dec. 8.
- Telephone pay station apparatus. G. A. Long. 2,032,063; Feb. 25.
- Telephone pay station apparatus. W. J. Vincent. 2,028,851; Jan. 28.
- Telephone protector, Elastic sanitary. G. Kalenoff. 2,050,097-8; Aug. 4.
- Telephone repeater system. G. R. Eaton. 2,050,292; Aug. 11.
- Telephone repeater, Universal. W. E. Harding. 2,046,119; June 30.
- Telephone set. H. F. Obergfell. 2,027,549; Jan. 14.
- Telephone signaling system. R. Kruse and K. Schröder. 2,057,898; Oct. 20.
- Telephone signaling system. A. E. Woodruff. 2,048,908; July 28.
- Telephone signal-transmitting method and device. C. S. Batdorf. 2,033,507; Mar. 10.
- Telephone stand holder. P. E. Bauer. 2,061,449; Nov. 17.
- Telephone station, Pay. R. D. Collins and S. F. Crane. 2,037,157; Apr. 14.
- Telephone supervisory system. H. E. Hill. 2,047,781; July 14.
- Telephone system. H. H. Abbott and N. D. Newby. 2,037,106; Apr. 14.
- Telephone system. L. T. Anderson and F. K. Low. 2,029,693; Feb. 4.
- Telephone system. H. M. Bascom. 2,036,316; Apr. 7.
- Telephone system. H. M. Bascom and O. A. Friend. 2,027,463; Jan. 14.
- Telephone system. F. A. Bonomi. 2,031,922; Feb. 25.
- Telephone system. F. A. Bonomi. 2,040,231; May 12.
- Telephone system. R. M. Brazelton. 2,027,465; Jan. 14.
- Telephone system. R. B. Buchanan and L. A. Kille. 2,042,828; June 2.
- Telephone system. E. D. Butz. 2,055,652; Sept. 29.
- Telephone system. A. Carson. 2,031,692; Feb. 25.
- Telephone system. O. Cesareo. 2,062,444; Dec. 1.
- Telephone system. T. F. Crocker. 2,035,594; Mar. 31.
- Telephone system. T. F. Crocker. 2,037,214; Apr. 14.
- Telephone system. T. F. Crocker. 2,043,653; June 9.
- Telephone system. T. F. Crocker. 2,047,619; July 14.
- Telephone system. J. E. Cruickshank. 2,029,018; Jan. 28.
- Telephone system. H. C. Curl. 2,036,023; Mar. 31.
- Telephone system. T. L. Dimond. 2,028,195; Jan. 21.
- Telephone system. T. L. Dimond. 2,060,184; Nov. 10.
- Telephone system. H. G. Evers. 2,037,221; Apr. 14.



- Telephone system. E. Feist. 2,057,890; Oct. 20.  
 Telephone system. C. E. Germanton. 2,056,265; Oct. 6.  
 Telephone system. W. H. Grinstead and J. E. Tees. 2,039,592; May 5.  
 Telephone system. W. Hatton and L. B. Haigh. 2,040,308; May 12.  
 Telephone system. H. Hovland. 2,065,894; Dec. 29.  
 Telephone system. P. Husta. 2,048,506; July 21.  
 Telephone system. A. H. Inglis. 2,041,933; May 26.  
 Telephone system. D. F. Johnston. 2,055,659; Sept. 29.  
 Telephone system. J. C. Kelly. 2,039,650; May 5.  
 Telephone system. G. Kiner. 2,054,702; Sept. 15.  
 Telephone system. G. V. King. 2,038,222; Apr. 21.  
 Telephone system. C. D. Koechling. 2,036,055; Mar. 31.  
 Telephone system. F. R. Lamberty and L. E. Van Damme. 2,040,316; May 12.  
 Telephone system. C. E. Lomax. 2,052,051; Aug. 25.  
 Telephone system. R. F. Massonneau. 2,039,654; May 5.  
 Telephone system. W. H. Matthies. 2,039,015; Apr. 28.  
 Telephone system. J. B. McKim. 2,050,722; Aug. 11.  
 Telephone system. O. Myers. 2,027,194; Jan. 7.  
 Telephone system. O. Myers. 2,041,083-4; May 19.  
 Telephone system. S. F. Nelson and F. F. Shipley. 2,054,910; Sept. 22.  
 Telephone system. R. Pfannschmidt. 2,053,779; Sept. 8.  
 Telephone system. W. Pinell. 2,056,738; Oct. 6.  
 Telephone system. G. Sandalls, Jr. 2,041,964; May 26.  
 Telephone system. F. J. Scudder. 2,034,883; Mar. 24.  
 Telephone system. R. L. Stokely. 2,029,683; Feb. 4.  
 Telephone system. R. L. Stokely. 2,034,846; Mar. 24.  
 Telephone system. R. L. Stokely. 2,039,668; May 5.  
 Telephone system. R. L. Stokely. 2,041,096; May 19.  
 Telephone system. R. L. Stokely. 2,042,561-2; June 2.  
 Telephone system. R. L. Stokely. 2,060,261; Nov. 10.  
 Telephone system. H. Tatzl. 2,036,163; Mar. 31.  
 Telephone system. H. W. Ulrich. 2,041,879; May 26.  
 Telephone system. H. W. Ulrich. 2,049,183; July 28.  
 Telephone system. E. L. Vibbard. 2,030,415-16; Feb. 11.  
 Telephone system. J. H. Voss. 2,040,636; May 12.  
 Telephone system. J. H. Voss. 2,057,864; Oct. 20.  
 Telephone system. J. Wicks. 2,040,637; May 12.  
 Telephone system. E. Wochinger. 2,057,868; Oct. 20.  
 Telephone system and apparatus therefor. P. Baker. 2,055,920; Sept. 29.  
 Telephone system, Automatic. H. V. Alexandersson. 2,045,682; June 30.  
 Telephone system, Automatic. F. P. Gohorel. 2,028,656; Jan. 21.  
 Telephone system, Automatic. O. C. Levy. 2,052,050; Aug. 25.  
 Telephone system, Automatic. J. E. Ostline. 2,031,329; Feb. 18.  
 Telephone system, Automatic. E. S. Peterson. 2,056,736; Oct. 6.  
 Telephone system, Automatic. S. Peterson. 2,040,153; May 12.  
 Telephone system, Automatic. J. H. Voss. 2,056,752; Oct. 6.  
 Telephone system, Intercommunicating. W. M. Beaumont. 2,065,883; Dec. 29.  
 Telephone system, Intercommunicating. C. E. Lomax. 2,053,798; Sept. 8.  
 Telephone toll apparatus. G. A. Long. 2,043,201; June 2.  
 Telephone toll switching. O. B. Jacobs. 2,050,610; Aug. 11.  
 Telephone transmission circuit. L. G. Abraham and D. Mitchell. 2,040,970; May 19.  
 Telephone transmission circuit. H. Nyquist, S. B. Wright, and L. G. Abraham. 2,045,720; June 30.  
 Telephone transmission circuits. S. B. Wright and L. G. Abraham. 2,043,403; June 9.  
 Telephone transmitter. A. F. Bennett. 2,042,821; June 2.  
 Telephone transmitter. A. F. Bennett and W. L. Tuffnell. 2,042,822; June 2.  
 Telephonic messages, Automatically recording and reproducing. L. Neumann. 2,058,096; Oct. 20.  
 Telephonic signaling device. A. Friedländer. 2,038,427; Apr. 21.  
 Teleprinter and telephone system, Combined. A. M. Searle, G. L. Hunt, and R. J. M. Andrews. 2,060,250; Nov. 10.  
 Telescope. A. Langsner. 2,051,050; Aug. 18.  
 Telescope and prism therefor. L. V. Foster. 2,058,676; Oct. 27.  
 Telescoping guide, Flexible. M. C. De Wolfe. 2,046,323; July 7.  
 Teletypewriter switchboard. A. A. Burgess and A. D. Knowlton. 2,037,193; Apr. 14.  
 Teletypewriter system. J. A. Krecek. 2,032,421; Mar. 3.  
 Teletypewriter system. J. A. Krecek and C. C. Munro. 2,058,601; Oct. 27.  
 Teletypewriter system. R. E. Pierce. 2,055,586; Sept. 29.  
 Teletypewriter system. E. F. Watson. 2,055,567; Sept. 29.  
 Tevised images in synchronism with sound, Apparatus for receiving and projecting. L. de Forest. 2,045,570; June 30.  
 Television. H. S. Baird. 2,050,149; Aug. 4.  
 Television. A. J. Cawley. 2,032,526; Mar. 3.  
 Television. F. Gray. 2,041,127; May 19.  
 Television and like apparatus. J. L. Baird. 2,056,761; Oct. 6.  
 Television and sound, System for. J. V. L. Hogan. 2,049,384; July 28.  
 Television apparatus. J. A. Briggs. 2,056,247; Oct. 6.  
 Television apparatus. A. J. Cawley. 2,026,610; Jan. 7.  
 Television apparatus. R. A. Fessenden. 2,059,222; Nov. 3.  
 Television apparatus. L. de Forest. 2,052,133; Aug. 25.  
 Television apparatus. A. Karolus. 2,043,800; June 9.  
 Television apparatus. H. Knudsen. 2,054,202; Sept. 15.  
 Television apparatus. H. M. Lewis and M. Cawein. 2,052,183; Aug. 25.  
 Television apparatus and method. L. A. Gould. 2,058,681; Oct. 27.  
 Television device. M. Flaherty. 2,047,020; July 7.  
 Television in color. S. B. Colgate. 2,065,887; Dec. 29.  
 Television method. M. von Ardenne. 2,047,533; July 14.  
 Television method and apparatus. H. P. Donle. 2,049,897; Aug. 4.  
 Television method and apparatus. J. H. O. Harries. 2,037,577; Apr. 14.  
 Television, Method and apparatus for. P. T. Farnsworth. 2,037,711; Apr. 21.  
 Television receiver. D. Applebaum. 2,048,094; July 21.  
 Television receiver. F. von Okolicsanyi. 2,063,643; Dec. 8.  
 Television receiver. G. Ramsey. 2,050,463; Aug. 11.  
 Television receiving apparatus. G. Schubert. 2,049,629; Aug. 4.  
 Television receiving method and apparatus. L. De Forest. 2,026,872; Jan. 7.  
 Television receiving system. J. C. Batchelor. 2,051,632; Aug. 18.  
 Television receiving system. T. Nakashima and K. Takayanagi. 2,034,704; Mar. 24.  
 Television reception device. S. Loewe and M. von Ardenne. 2,053,526; Sept. 8.  
 Television sign. L. de Forest. 2,049,763; Aug. 4.  
 Television, Submarine. H. Hartman. 2,060,670; Nov. 10.  
 Television synchronization method and apparatus. H. R. Lubcke. 2,037,035; Apr. 14.  
 Television system. W. L. Carlson. 2,041,456; May 19.  
 Television system. A. N. Goldsmith. 2,043,997; June 16.  
 Television system. R. A. Fessenden. 2,059,221; Nov. 3.  
 Television system. H. R. Lubcke. 2,055,748; Sept. 29.  
 Television system. A. Nyman. 2,066,048; Dec. 29.  
 Television system. G. N. Ogloblinsky. 2,040,813; May 12.  
 Television system. W. H. Peck. 2,045,921; June 30.  
 Television system. H. P. Pratt. 2,048,517; July 21.  
 Television system. G. Schubert. 2,026,915; Jan. 7.  
 Television system. J. P. Smith. 2,045,315; June 23.  
 Television system. T. A. Smith. 2,029,395; Feb. 4.  
 Television system. L. E. Q. Walker. 2,048,761; July 28.  
 Television system and method. D. J. Baker. 2,026,725; Jan. 7.  
 Television system, Elastic wave. A. McL. Nicolson. 2,042,859; June 2.  
 Television systems, Automatic line level regulation of multiple channel. J. Herman. 2,064,540; Dec. 15.  
 Television transmitting apparatus. R. Harding, Jr. 2,043,245; June 9.  
 Telltale device. D. C. Rockola. 2,058,722; Oct. 27.  
 Telltale device for games of skill. H. G. Breitenstein. 2,042,878; June 2.  
 Tell tale for automobile lights. D. R. P. Heaton. 2,051,141; Aug. 18.  
 Telltale indicator. T. W. Hallerberg. 2,053,826; Sept. 8.  
 Tellurium compounds and preparing the same, Organic. M. A. Perkins. 2,030,035; Feb. 4.  
 Temperature conditions in small spaces, Creating uniform. R. P. Clarkson. 2,053,393; Sept. 8.  
 Temperature control. C. A. Otto. 2,053,492; Sept. 8.  
 Temperature control. H. W. Partlow. 2,045,959; June 30.  
 Temperature control. D. G. Taylor. 2,065,835; Dec. 29.  
 Temperature control apparatus. E. H. Hammond. 2,041,544; May 19.  
 Temperature control apparatus. L. F. Morgan. 2,034,053; Mar. 17.  
 Temperature control apparatus. L. Smede. 2,027,405; Jan. 14.  
 Temperature control apparatus, Automatic. F. F. Uehling. 2,065,841; Dec. 29.  
 Temperature control device. W. J. Ettinger. 2,061,418; Nov. 17.  
 Temperature control device. W. J. Ettinger and N. Miller. 2,061,419; Nov. 17.  
 Temperature control device. J. L. Finch. 2,054,617; Sept. 15.  
 Temperature control device. J. B. Ford. 2,050,883; Aug. 11.  
 Temperature control device. D. Spence. 2,040,109; May 12.  
 Temperature control device, Engine. C. and F. Danuser. 2,046,812; July 7.  
 Temperature control device for furnaces. R. M. Baker. 2,029,551; Feb. 4.  
 Temperature control for gas ranges. C. C. Winterstein. 2,051,401; Aug. 18.  
 Temperature control of motors. H. E. Warren. 2,036,003; Mar. 31.  
 Temperature control system. E. Bletz. 2,046,718; July 7.  
 Temperature control system. P. W. Cummings. 2,054,071; Sept. 15.  
 Temperature control system. A. C. Grant. 2,036,868; Apr. 7.  
 Temperature control system. D. J. Stewart. 2,062,337; Dec. 1.



- Temperature control system. D. G. Taylor. 2,029,513; Feb. 4.
- Temperature control system and apparatus. G. D. Kingsland. 2,055,033; Sept. 22.
- Temperature control system for vehicles. W. Fourness and E. G. Burghard. 2,044,068; June 16.
- Temperature control system, Pulp grinder. C. D. De Mers. 2,050,749; Aug. 11.
- Temperature controlled switch. J. W. Wright. 2,060,712; Nov. 10.
- Temperature controlling device, Maximum. E. S. Cornell, Jr. 2,041,653; May 19.
- Temperature device, Constant. J. Jacobs. 2,032,417; Mar. 3.
- Temperature device, Contant. B. Stallard. 2,050,633; Aug. 11.
- Temperature distillation, Apparatus for low. A. C. Gronbeck. 2,033,138; Mar. 10.
- Temperature generating and control system. H. L. Shapard. 2,041,573; May 19.
- Temperature indicator. L. M. Oakley. 2,048,512; July 21.
- Temperature indicator. C. Wilhjelm. 2,034,852; Mar. 24.
- Temperature measuring and/or recording apparatus. G. Wunsch. 2,038,465; Apr. 21.
- Temperature measuring apparatus. H. A. Benjamin. 2,036,618; Apr. 7.
- Temperature measuring apparatus. R. E. Frickey. 2,032,407; Mar. 3.
- Temperature meter. P. S. Bauer. 2,049,285; July 28.
- Temperature modifier for protecting growing crops. J. M. Seymour. 2,041,969; May 26.
- Temperature of a catalytic reaction, Affecting a constant. B. M. Reynolds. 2,042,632; June 2.
- Temperature of contents of bottles, Regulating. C. H. Widman, B. T. Lindell, and P. F. Seibold. 2,059,297; Nov. 3.
- Temperature of plastic materials during molding, Apparatus for controlling the. L. W. Hottel. 2,064,162; Dec. 15.
- Temperature overload relay. C. H. Chapman. 2,051,368; Aug. 18.
- Temperature regulating system. M. Osnos. 2,032,433; Mar. 3.
- Temperature regulating system. M. Osnos. 2,054,658; Sept. 15.
- Temperature regulating system for vapor electric devices. A. O. Flindt. 2,053,142; Sept. 1.
- Temperature regulation. C. A. Otto. 2,057,050; Oct. 13.
- Temperature regulator. C. A. Otto. 2,045,332; June 23.
- Temperature regulator. S. E. B. Soderberg. 2,029,203; Jan. 28.
- Temperature regulator. F. F. Uehling. 2,061,884; Nov. 24.
- Temperature regulator, Automobile water cooling. R. F. Metcalfe. 2,047,028; July 7.
- Temperature regulator, Oil bath. D. D. Knowles. 2,042,182; May 26.
- Temperature responsive device. K. H. Hubbard. 2,065,703; Dec. 29.
- Temperature responsive device. L. E. Smith. 2,053,974; Sept. 8.
- Temperature responsive device, Remote indicating. E. L. Fonseca. 2,060,296; Nov. 10.
- Temperature responsive switch. L. M. Persons. 2,044,397; June 16.
- Temperatures stresses in metallic structures and product thereof, Minimizing. N. R. McLeod. 2,063,325; Dec. 8.
- Temperature within an inclosure, Method and apparatus for maintaining a constant. J. K. Thornton. 2,061,116; Nov. 17.
- Temperatures, Apparatus for determining critical. A. F. S. Musante and J. H. Perrine. 2,036,432; Apr. 7.
- Temperatures, Apparatus for determining well. E. N. Merrill and G. A. Young. 2,053,967; Sept. 8.
- Temperatures, Apparatus for measuring. P. S. Williams. 2,028,888; Jan. 28.
- Temperatures, Apparatus for measuring. P. S. Williams and O. W. Johnson. 2,028,887; Jan. 28.
- Temperatures, Determining maximum or minimum. A. Noble. 2,057,491; Oct. 27.
- Temperatures in the refrigerating systems of package sealing machines, Controlling. M. A. Sticelber. 2,030,725; Feb. 11.
- Temperatures, Indicating sterilizing. W. J. Allphin. 2,046,863; July 7.
- Template. A. W. Keuffel. 2,050,057; Aug. 4.
- Template. D. L. Smith. 2,062,380; Dec. 1.
- Temple connection for spectacles. W. R. Brown. 2,034,326; Mar. 17.
- Temple connection for spectacles. J. N. Helman. 2,053,907; Sept. 8.
- Temple for eyeglasses. F. L. Grier. 2,031,771; Feb. 25.
- Tender structure. W. A. Newman. 2,048,404; July 21.
- Tendon replacer, Orthopedic. C. Owens. 2,036,770; Apr. 7.
- Tennis practice machine. E. H. Serrano. 2,057,599; Oct. 13.
- Tennis racket. V. Spencer. 2,059,917; Nov. 3.
- Tennis racket stringer. R. Rostron and H. W. Roberts. 2,051,059; Aug. 18.
- Tennis racket with pneumatic tightener. A. Rauch and V. Smolk. 2,034,444; Mar. 17.
- Tennis rackets, Apparatus for stringing. J. W. Harroff. 2,028,663; Jan. 21.
- Tennis rackets, Apparatus for the stringing of. J. H. Proctor. 2,028,804; Jan. 28.
- Tension balancing device. T. Van Heek. 2,033,558; Mar. 10.
- Tension control for wire weaving machines. N. S. Harter. 2,046,291; June 30.
- Tension device. A. A. Arnold. 2,035,253; Mar. 24.
- Tension device. R. V. Olson and A. M. Radlauer. 2,040,705; May 12.
- Tension device for knitting machines. J. Wachsmann. 2,049,755; Aug. 4.
- Tension device, Printing press. H. A. W. Wood. 2,039,472; May 5.
- Tension device, Uniform. A. P. Lewis and W. J. Secrest. 2,062,008; Nov. 24.
- Tension equalizer for spinning frames. E. D. Meadows. 2,037,335; Apr. 14.
- Tension on cables, Device for measuring and indicating. C. J. Lester. 2,029,111; Jan. 28.
- Tension pulley. W. Stahlecker and E. Schmid. 2,032,556; Mar. 3.
- Tension release for blind stitch sewing machines, Automatic. L. G. Bowman. 2,064,881; Dec. 22.
- Tension rolling in tandem cold mills, Controlled. E. B. Hudson. 2,054,820; Sept. 22.
- Tension take-up device for knitting machines. W. D. Eaches. 2,042,834; June 2.
- Tension web control, Constant. J. J. Kittel. 2,033,578; Mar. 10.
- Tensioning apparatus. S. F. French. 2,033,625; Mar. 10.
- Tensioning device. G. L. Matthews and H. L. Diehl. 2,032,217; Feb. 25.
- Tensioning device for antiskid armor. L. E. and J. K. Johnson and B. H. Shaver. 2,063,439; Dec. 8.
- Tensioning device for eliminating slack in films. E. Boecking. 2,057,553; Oct. 13.
- Tensioning device for flexible members. K. Michelson. 2,051,735; Aug. 18.
- Tensioning or braking of unwinding rolls, etc., Automatic. L. E. Miller. 2,052,788; Sept. 1.
- Tent. B. G. Eriksson. 2,044,351; June 16.
- Tent. D. Kemp. 2,059,463; Nov. 3.
- Tent, Automobile. P. Schneider. 2,034,251; Mar. 17.
- Tent, Automobile dressing. T. G. Schmeiser. 2,066,078; Dec. 29.
- Tent, Automobile dressing beach. R. V. Rideout. 2,027,551; Jan. 14.
- Tent, Collapsible shade. S. E. Kapp. 2,027,984; Jan. 14.
- Tent house, Folding. W. M. Sink. 2,057,252; Oct. 13.
- Tenter clip. C. H. Weber. 2,065,913; Dec. 29.
- Tenter drier. F. B. Morrill. 2,027,317; Jan. 7.
- Tentering and drying machine. M. Hahn. 2,032,014; Feb. 25.
- Tentering machine. R. E. Rusden. 2,039,189; Apr. 28.
- Terminal assembly. H. Catron, R. L. Dashner, and M. W. Morris. 2,056,036; Sept. 29.
- Terminal, Cable. A. B. Dibner. 2,049,409; July 28.
- Terminal clamp. G. F. Lincks. 2,041,613; May 19.
- Terminal clip. H. Weynand. 2,062,690; Dec. 1.
- Terminal collar for well casings. F. W. Hild. 2,034,698; Mar. 24.
- Terminal connector. A. R. Reid. 2,057,057; Oct. 13.
- Terminal connector for batteries. I. G. Larson. 2,035,556; Mar. 31.
- Terminal construction. C. De Lange. 2,052,700; Sept. 1.
- Terminal construction for resistance elements, Enclosed. N. C. Schellenger. 2,041,212; May 19.
- Terminal end for coiled springs. A. H. Floreth. 2,028,122; Jan. 14.
- Terminal for edgewise wound resistors. J. F. Frese. 2,050,221; Aug. 4.
- Terminal for edge wound resistors. J. F. Frese. 2,050,220; Aug. 4.
- Terminal for electrical devices. C. C. McCain. 2,049,919; Aug. 4.
- Terminal member. J. R. Hotchkiss. 2,055,130; Sept. 22.
- Terminal structure. H. E. Rhodes. 2,061,981; Nov. 24.
- Terminal valve. E. O. Corey. 2,056,133; Sept. 29.
- Termite control. E. L. Fellman. 2,059,095; Oct. 27.
- Terpene compounds, Production of sulphur-containing. E. Ott. 2,034,665; Mar. 17.
- Terpene product and producing, Sulphonated. A. L. Rummelsburg. 2,058,389; Oct. 20.
- Terpineol, Distilling. C. H. Bibb. 2,052,743; Sept. 1.
- Terpineol from pinene, Production of. D. H. Sheffield. 2,060,597; Nov. 10.
- Terracing and grading attachment for tractors. G. A. Beard. 2,063,537; Dec. 8.
- Terrazzo strip. J. Laneri. 2,038,742; Apr. 28.
- Test-block for electric meters. E. G. Johansson. 2,030,522; Feb. 11.
- Test-card scoring apparatus for students' use. N. B. Cuff. 2,033,817; Mar. 10.
- Tester for breaker mechanisms. G. H. Allen. 2,057,871; Oct. 20.
- Test plate, Agglutinating. W. P. Jackson. 2,041,290; May 19.
- Test scoring machine. J. G. Black. 2,052,442; Aug. 25.
- Test tube heater. H. A. Walker and H. P. Strand. 2,031,019; Feb. 18.
- Tester, Oil. J. A. Logan and L. F. Spear. 2,059,374; Nov. 3.
- Testing and weighing device. E. E. Essen. 2,049,644; Aug. 4.
- Testing apparatus. G. D. Bagley. 2,061,692; Nov. 24.



- Testing apparatus. A. Y. Dodge and R. J. Statz. 2,027,580; Jan. 14.
- Testing apparatus. G. A. Foisy. 2,042,174; May 26.
- Testing apparatus. V. L. Johannessen. 2,041,067; May 19.
- Testing apparatus. M. J. Lewis. 2,039,428; May 5.
- Testing apparatus. W. S. Magill. 2,042,538; June 2.
- Testing apparatus. F. Mitchell and J. G. Booton. 2,033,144; Mar. 10.
- Testing apparatus. E. Pugh. 2,049,924; Aug. 4.
- Testing apparatus. E. Pugsley. 2,042,188; May 26.
- Testing apparatus for automotive brakes. W. E. Cunningham. 2,046,018; June 30.
- Testing apparatus for electric appliance. R. G. Scott. 2,061,487; Nov. 17.
- Testing apparatus for fluid tight casings. H. Wilsdorf. 2,055,568; Sept. 29.
- Testing device for liquids. E. S. Stephens. 2,043,127; June 2.
- Testing device for threaded articles. F. C. Nilson. 2,030,464; Feb. 11.
- Testing equipment. W. Y. Lang. 2,036,059; Mar. 31.
- Testing lubricating compounds, Apparatus for. R. L. Doan. 2,049,951; Aug. 4.
- Testing machine. C. L. Dennis. 2,032,202; Feb. 25.
- Testing machine. D. Paxton. 2,057,968; Oct. 20.
- Testing machine. M. T. Thorsson. 2,059,761; Nov. 3.
- Testing machine. D. M. Warner. 2,030,418; Feb. 11.
- Testing machine for tensile tests. S. Zechmeister. 2,065,359; Dec. 22.
- Testing machine, Portable. A. B. Kinzel. 2,030,640; Feb. 11.
- Testing machine, Universal. R. B. Lewis. 2,030,457; Feb. 11.
- Testing or inspecting machine. E. W. Glacy. 2,051,695; Aug. 18.
- Testing or inspecting machine. H. D. Stephens. 2,038,012; Apr. 21.
- Testing plug. J. W. Ljungberg. 2,062,519; Dec. 1.
- Testing system. G. A. Hurst and J. B. Retallack. 2,039,001; Apr. 28.
- Testing system. F. K. Low. 2,029,030; Jan. 28.
- Testing while refining metals. L. S. Deitz, Jr., and G. W. Whitney. 2,053,655; Sept. 8.
- Tetrahalegeno - ortho - aminophenols. M. Raack. 2,041,512-13; May 19.
- Tetranitromethane, Preparation of. J. A. Wyler. 2,057,076; Oct. 13.
- Tetraphosphates, Making. A. H. Fiske and C. S. Bryan. 2,031,827; Feb. 25.
- Tetrathionate solutions, Forming. L. Rosenstein. 2,039,555; May 5.
- Tetrazoimino compounds. E. A. Markush. 2,055,547; Sept. 29.
- Tetrazoles of the camphor group and products therefrom, Producing. K. F. Schmidt. 2,029,799; Feb. 4.
- Textile apparatus. A. S. Cockerham. 2,059,849; Nov. 3.
- Textile article. A. Schaer. 2,046,039; June 30.
- Textile articles and making same, Shaped. W. Whitehead. 2,047,239; July 14.
- Textile assistants. O. Drapal. 2,030,859; Feb. 18.
- Textile fabric and process, Thermo-adhesive. F. J. Arient. 2,038,403; Apr. 21.
- Textile fabric, Mixed. L. W. Weinberg. 2,059,422; Nov. 3.
- Textile fabrics, Treatment of. H. Platt. 2,053,778; Sept. 8.
- Textile fibers and product of same, Treatment of. A. H. Gill. 2,046,555; July 7.
- Textile fibers, Degumming. L. R. Tiraferri and C. Mazzetti. 2,064,130; Dec. 15.
- Textile fibers, Device for continuous spinning and/or twisting of. O. G. J. S. de Roysancour. 2,031,467; Feb. 18.
- Textile fibers, Treatment of. A. H. Gill. 2,026,735; Jan. 7.
- Textile finishing machine. W. Taylor. 2,058,369; Oct. 20.
- Textile goods, Apparatus for the wet-treatment of. O. Gretler. 2,034,687; Mar. 17.
- Textile machinery. J. Jabouley. 2,031,655; Feb. 25.
- Textile machinery. A. Jasicek and F. Polnauer. 2,033,031; Mar. 3.
- Textile machinery. A. Richter. 2,057,313; Oct. 13.
- Textile machinery, Method and apparatus for stabilizing the pressure of the drawing rolls of. W. H. Sanders. 2,049,322; July 28.
- Textile machinery, Cleaning. E. J. Eaddy. 2,057,139; Oct. 13.
- Textile manufacture. H. T. Gammons. 2,052,875; Sept. 1.
- Textile manufacture. R. C. Johnson. 2,035,268; Mar. 24.
- Textiles, Manufacture of. A. W. Drobile and G. S. Hiers. 2,065,853; Dec. 29.
- Textile material. W. Al. Dickie and A. H. Gentle. 2,035,641; Mar. 31.
- Textile material. W. A. Dickie and R. W. Moncrieff. 2,056,421; Oct. 27.
- Textile material. H. Dreyfus and W. A. Dickie. 2,058,427; Oct. 27.
- Textile material. H. Dreyfus and W. A. Dickie. 2,058,779; Oct. 27.
- Textile material. J. D. Huizeng. 2,035,480; Mar. 31.
- Textile material. D. E. Strain. 2,046,885; July 7.
- Textile material and product thereof, Treating. G. Schneider. 2,041,868; May 26.
- Textile material and the manufacture thereof. W. A. Dickie, D. Finlayson, and P. F. C. Sowter. 2,058,423; Oct. 27.
- Textile material, Artificial. W. I. Taylor and J. W. Grebbly. 2,064,279; Dec. 15.
- Textile material, Coated. S. A. Atkins. 2,031,629; Feb. 25.
- Textile material, Coloration of. G. H. Ellis. 2,053,276; Sept. 8.
- Textile material, Finishing. F. Drechsel. 2,057,822; Oct. 20.
- Textile material, Fireproofing. W. A. Dickie and F. B. Hill. 2,036,854; Apr. 7.
- Textile material, Treatment of. G. H. Ellis and E. W. Kirk. 2,048,786; July 28.
- Textile materials, Apparatus for dyeing loose. L. B. Hasbrouck. 2,041,471; May 19.
- Textile materials, Coloration of. G. H. Ellis and E. W. Kirk. 2,040,927; May 19.
- Textile materials, Fireproofing. W. Whitehead. 2,032,605; Mar. 3.
- Textile materials, Impregnation of. G. J. Esselen and W. M. Scott. 2,034,696; Mar. 24.
- Textile materials, Manufacture of. W. A. Dickie. 2,036,855; Apr. 7.
- Textile materials, Production. W. I. Taylor. 2,036,838; Apr. 7.
- Textile materials, Production of. H. Dreyfus, W. A. Dickie, and W. I. Taylor. 2,038,722; Apr. 28.
- Textile materials, Treating. R. Magill. 2,063,176; Dec. 8.
- Textile materials, Treatment and manufacture of. H. Dreyfus. 2,038,723; Apr. 28.
- Textile materials, Treatment of. C. Dreyfus and W. Whitehead. 2,035,740; Mar. 31.
- Textile materials, Treatment of. E. W. Kirk and G. H. Ellis. 2,035,483; Mar. 31.
- Textile materials, Treatment of. E. W. Kirk and G. H. Ellis. 2,048,796; July 28.
- Textile materials, Treatment of. W. I. Taylor. 2,032,603; Mar. 3.
- Textile materials with rubber-containing liquids, Impregnation of. J. Brandwood. 2,031,094; Feb. 18.
- Textile operation. H. Dreyfus. 2,040,925; May 19.
- Textile operation and machine therefor. W. A. Dickie and A. H. Gentle. 2,035,640; Mar. 31.
- Textile operations. W. A. Dickie and A. H. Gentle. 2,030,102; Feb. 11.
- Textile or other materials, Treatment of. H. Dreyfus. 2,033,976; Mar. 17.
- Textile or other materials, Treatment of. G. H. Ellis and B. C. Storey. 2,028,769; Jan. 28.
- Textile picker. E. H. Parker. 2,028,919; Jan. 28.
- Textile printing. C. J. Sala. 2,047,650; July 14.
- Textile printing, Method and machine for. B. C. Moffatt. 2,033,641; Mar. 10.
- Textile process. G. Schneider. 2,041,728; May 26.
- Textile process. W. Whitehead. 2,053,305; Sept. 8.
- Textile process and product. G. R. Blake and G. W. Seymour. 2,041,692; May 26.
- Textile process and product. C. Dreyfus and H. Platt. 2,036,862; Apr. 7.
- Textile product and making the same. C. Dreyfus and G. Schneider. 2,048,248; July 21.
- Textile roll. H. W. Prentiss, Jr. 2,046,137; June 30.
- Textile roll and making the same. C. W. St. Claire. 2,046,136; June 30.
- Textile working device. S. E. Kalbach. 2,031,216; Feb. 18.
- Textiles and an apparatus therefor, Manufacturing impregnated and/or coated. G. Locker. 2,039,176; Apr. 28.
- Textiles, Delustering of. W. H. Alton and H. I. Jones. 2,057,469; Oct. 13.
- Textiles, Manufacture of. L. Wallerstein, R. A. Gale, and T. G. Hawley, Jr. 2,029,968; Feb. 4.
- Textiles, Method of producing. A. Sodmer. 2,040,784; May 12.
- Textiles, Shaped. W. Whitehead. 2,047,240; July 14.
- Textiles, Stripping dyed. C. Dunbar. 2,052,612; Sept. 1.
- Thallium, Recovering. R. Teats. 2,060,453; Nov. 10.
- Theater building. T. Lindenberg. 2,041,194; May 19.
- Theatrical illusion. E. M. Massey. 2,034,407; Mar. 17.
- Theft alarm for attaché cases and similar articles. H. Adler. 2,038,625; Apr. 28.
- Theobromine, Manufacture of. E. A. Mauersberger. 2,041,561; May 19.
- Therapeutic agent. H. S. Diehl. 2,027,722; Jan. 14.
- Therapeutic appliance. A. G. Sullivan. 2,065,295; Dec. 22.
- Therapeutic application of high-frequency current. F. C. Wappler. 2,032,859; Mar. 3.
- Therapeutic composition, Making a. J. Torigian. 2,034,783; Mar. 24.
- Therapeutic preparation. L. E. Harris. 2,043,211; June 2.
- Therapeutic preparations. W. A. Lott and A. E. Jurist. 2,047,275; July 14.
- Therapeutical appliances, Apparatus for making. G. L. Winder. 2,053,357; Sept. 8.
- Therapeutics for killing bacteria. I. Ostromislensky. 2,040,183; May 12.
- Therapy instrument, High colonic. N. B. Salerni. 2,033,652; Mar. 10.



- Thermal conductivity cell. G. E. Fredericks. 2,045,640; June 30.
- Thermal cut-out switch. F. Taxner. 2,060,836; Nov. 17.
- Thermal decomposition of fluoro compounds. H. S. Booth. 2,053,174; Sept. 1.
- Thermal draft regulator. A. C. McWilliams. 2,035,974; Mar. 31.
- Thermal-electric control. H. W. Partlow. 2,026,699; Jan. 7.
- Thermal insulating structure. W. L. Stafford. 2,042,870; June 2.
- Thermal insulation. J. M. Le Grand. 2,050,663; Aug. 11.
- Thermal insulator. J. Campbell and R. G. Quinn. 2,042,586; June 2.
- Thermal relay. C. H. Chapman. 2,049,354; July 28.
- Thermal relay. B. W. Jones. 2,051,379-80; Aug. 18.
- Thermal relay, Electrically operated. O. S. Field. 2,035,426; Mar. 24.
- Thermal release device. H. V. Erben. 2,050,879; Aug. 11.
- Thermal switch. A. O. Appelberg. 2,037,689; Apr. 21.
- Thermal switch. C. J. Hardison. 2,045,948; June 30.
- Thermal time switch. J. Landau. 2,034,763; Mar. 24.
- Thermal treatment of aluminum alloys containing copper. J. A. Nock, Jr. 2,062,329; Dec. 1.
- Thermal treatment of hydrocarbons. F. Winkler and H. Haeuber. 2,056,914; Oct. 6.
- Thermal valve. J. L. Seat. 2,055,987; Sept. 29.
- Thermally actuated apparatus. A. G. Bullen. 2,049,193; July 28.
- Thermally controlled switch. J. F. Frese. 2,039,241; Apr. 28.
- Thermally operated valve. J. A. Spencer. 2,039,358; May 5.
- Thermic treatment of small particles. H. Vogt. 2,038,251; Apr. 21.
- Thermionic cathode gas-filled discharge tube. G. Holst, E. Costerhuis, and J. W. Mulder. 2,058,690; Oct. 27.
- Thermionic device. G. Jobst. 2,061,733; Nov. 24.
- Thermionic device. K. Steimel. 2,058,921; Oct. 27.
- Thermionic discharge device. E. F. Lowry. 2,027,241; Jan. 7.
- Thermionic oscillation generator. W. A. Appleton. 2,048,723; July 28.
- Thermionic oscillation generator. E. B. Moullin. 2,031,224; Feb. 18.
- Thermionic oscillation generator. B. J. Witt and C. S. Franklin. 2,034,735; Mar. 24.
- Thermionic trigger device. R. E. Mathes. 2,060,095; Nov. 10.
- Thermionic tube. E. L. Koch. 2,062,889; Dec. 1.
- Thermionic tube. H. W. Parker and N. A. Yorke. 2,063,188; Dec. 8.
- Thermionic tube. H. J. Round. 2,042,554; June 2.
- Thermionic tube, Dual purpose. H. W. Parker. 2,048,023; July 21.
- Thermionic tube, Vapor filled. W. W. Eitel and J. McCullough. 2,038,927; Apr. 28.
- Thermochemical process for the production of an anti-detonating fuel for explosion engines. E. Livraghi. 2,037,478; Apr. 14.
- Thermocouple. O. Hermann. 2,063,097; Dec. 8.
- Thermocouple. J. A. Obermaier. 2,059,480; Nov. 3.
- Thermocouple and mounting the same. A. H. Heyroth and E. W. Bratton. 2,061,357; Nov. 17.
- Thermocouple testing apparatus. J. T. Nichols. 2,040,495; May 12.
- Thermodynamic energy storage. F. Marguerre. 2,065,974; Dec. 29.
- Thermoelectric machine, Centrifugal. R. J. Mathias. 2,031,966; Feb. 25.
- Thermographs on sterilizers, Mounting of. R. W. Webster. 2,042,032; May 26.
- Thermo-hydrometer. L. Edelmann. 2,043,405; June 9.
- Thermohydrometer. H. W. Eden. 2,040,547; May 12.
- Thermohydrometer. H. W. Eden. 2,054,969; Sept. 22.
- Thermometer. B. Bandoly. 2,037,874; Apr. 21.
- Thermometer. S. Broder. 2,045,693; June 30.
- Thermometer. H. B. Brown. 2,035,634; Mar. 31.
- Thermometer. H. B. Brown. 2,040,292; May 12.
- Thermometer. A. C. Bruns. 2,064,149; Dec. 15.
- Thermometer. L. F. Chaney. 2,042,982; June 2.
- Thermometer. L. F. Chaney. 2,051,540; Aug. 18.
- Thermometer. W. H. Curtin. 2,037,194; Apr. 14.
- Thermometer. W. C. Dillon. 2,028,969; Jan. 28.
- Thermometer. K. H. Hubbard. 2,043,583; June 9.
- Thermometer. H. Y. Norwood. 2,035,663; Mar. 31.
- Thermometer. H. Y. Norwood. 2,043,590; June 9.
- Thermometer. M. L. Reding. 2,038,905; Apr. 28.
- Thermometer. A. S. Robinson. 2,060,437; Nov. 10.
- Thermometer. A. E. Whittier. 2,031,624; Feb. 25.
- Thermometer. H. R. Whittier. 2,043,087; June 2.
- Thermometer, Clinical surface. L. G. Rowntree. 2,037,201; Apr. 14.
- Thermometer, Dairy. R. M. Wilhelm. 2,051,015; Aug. 11.
- Thermometer, Oven. G. E. Pickup. 2,059,272; Nov. 3.
- Thermometer, Remote indicating. C. A. de Giers. 2,050,965; Aug. 11.
- Thermometer, Sea water. F. G. Williams. 2,048,720; July 28.
- Thermometer tubing, Apparatus for drawing. W. J. Woods. 2,052,269; Aug. 25.
- Thermometric method of locating the top of the cement behind a well casing. C. Schlumberger. 2,050,128; Aug. 4.
- Thermo-penetration, Apparatus for applying. A. J. Kolling. 2,056,678; Oct. 6.
- Thermoplastic composition. W. Koch. 2,044,505; June 16.
- Thermoplastic composition. W. Koch. 2,047,146; July 7.
- Thermoplastic compositions. H. Jacobsen. 2,048,967; July 21.
- Thermoplastic compositions and preparing the same. H. Jacobsen. 2,047,968; July 21.
- Thermoplastic material, Coloring. W. Bowker. 2,054,848; Sept. 22.
- Thermoplastic resinous materials, Manufacture of. A. Renfrew. 2,035,190; Mar. 24.
- Thermostat. W. J. Brennen. 2,055,922; Sept. 29.
- Thermostat. C. H. Dederick. 2,054,558; Sept. 15.
- Thermostat. B. W. Dezotell. 2,033,410; Mar. 10.
- Thermostat. E. Dodson. 2,055,280; Sept. 22.
- Thermostat. G. F. Drake. 2,058,426; Oct. 27.
- Thermostat. L. T. Folsom and J. R. MacGregor. 2,032,358; Mar. 3.
- Thermostat. D. Lumsden. 2,057,496; Oct. 13.
- Thermostat. W. N. Mischler. 2,041,566; May 19.
- Thermostat. P. B. Parks and D. W. Miller. 2,046,578; July 7.
- Thermostat. R. J. Parsons. 2,057,967; Oct. 20.
- Thermostat. W. A. Saul. 2,046,187; June 30.
- Thermostat. J. A. Spencer. 2,057,853; Oct. 20.
- Thermostat and timer control for burners, Combined. L. M. Persons. 2,057,308; Oct. 13.
- Thermostat arrangement. H. Muth. 2,027,193; Jan. 7.
- Thermostat, Baseboard. L. M. Persons. 2,054,040; Sept. 8.
- Thermostat, Compensated pilot-controlled. N. T. Branche and V. O. Beam. 2,032,045; Feb. 25.
- Thermostat construction. H. Smith. 2,029,595; Feb. 4.
- Thermostat control apparatus. R. H. Mautsch. 2,061,915; Nov. 24.
- Thermostat control for gas burners. J. R. MacGregor, L. T. Folsom, and S. H. Edwards. 2,037,582; Apr. 14.
- Thermostat device controlling the correct position of a source of radiation, especially of the arc of an arc lamp. C. Prinz. 2,055,705; Sept. 29.
- Thermostat, Electric clock. A. G. McNicoll. 2,041,363; May 19.
- Thermostat, Electrical. W. D. Harper. 2,049,562; Aug. 4.
- Thermostat, Flatiron. J. W. Myers. 2,048,614; July 21.
- Thermostat for fire alarm systems. F. J. Gilbane. 2,059,689; Nov. 3.
- Thermostat for scales. J. S. Ogsbury. 2,039,339; May 5.
- Thermostat, Manual reset. P. R. Lee. 2,032,136; Feb. 25.
- Thermostat, Mercury column. W. M. Smith and D. W. Miller. 2,046,416; July 7.
- Thermostat regulating apparatus. W. B. Mackintosh. 2,047,878; July 14.
- Thermostat, Remote control. E. Bletz. 2,044,147; June 16.
- Thermostat, Two-temperature. F. W. Powers. 2,057,054; Oct. 13.
- Thermostat valve mechanism. F. H. Schoenfeld. 2,063,465; Dec. 8.
- Thermostat with flexible connecting means, Bellows. M. H. Ward. 2,031,440; Feb. 18.
- Thermostatic control. S. Rogers. 2,037,486; Apr. 14.
- Thermostatic control. W. A. Saul. 2,046,186; June 30.
- Thermostatic control. J. A. Spencer. 2,066,162; Dec. 29.
- Thermostatic control apparatus. F. N. Chester. 2,064,887; Dec. 22.
- Thermostatic control system. A. E. Byler. 2,034,894; Mar. 24.
- Thermostatic controlling apparatus. J. M. Larson. 2,037,911; Apr. 21.
- Thermostatic controls for liquid fuel burners. G. A. Bowman and C. W. Robertshaw. 2,038,264; Apr. 21.
- Thermostatic device. M. O. Snediker. 2,055,675; Sept. 29.
- Thermostatic electric circuit control apparatus. W. B. Toy. 2,027,071; Jan. 7.
- Thermostatic outlet valve. A. F. Evers, Jr. 2,053,365; Sept. 8.
- Thermostatic overload switch. H. J. Hammerly. 2,038,105; Apr. 21.
- Thermostatic regulator. W. H. Reynolds. 2,064,946; Dec. 22.
- Thermostatic relief valve. W. K. Simpson. 2,029,950; Feb. 4.
- Thermostatic snap action valve. S. P. Vaughn. 2,044,822; June 23.
- Thermostatic structure. R. E. Newell. 2,037,142; Apr. 14.
- Thermostatic switch. C. F. Alban and S. R. Hood. 2,058,390; Oct. 27.
- Thermostatic switch. J. E. Carlson. 2,038,098; Apr. 21.
- Thermostatic switch. E. W. Evans. 2,061,513; Nov. 17.
- Thermostatic switch. G. H. Hart. 2,041,246; May 19.
- Thermostatic switch. J. E. Smith. 2,041,304; May 19.
- Thermostatic switch. J. W. Wright and E. H. Glinz. 2,060,713; Nov. 10.
- Thermostatic switch, Automatic. E. B. Moore. 2,038,376; Apr. 21.
- Thermostatic switching mechanism. J. P. Kriechbaum. 2,041,645; May 19.
- Thermostatic valve. J. De Nicola. 2,060,857; Nov. 17.
- Thermostatic valve. H. M. de Rochemont. 2,063,592; Dec. 8.
- Thermostatic valve. J. Kindervater. 2,060,994; Nov. 17.



- Thermostatic valve. J. A. Kinnard. 2,065,812; Dec. 29.  
 Thermostatic valve. E. J. TePas. 2,027,458; Jan. 14.  
 Thermostatically controlled device. E. A. Ilemann. 2,064,163; Dec. 15.  
 Thermostatically controlled device. J. A. Spencer. 2,040,762; May 12.  
 Thermostatically controlled device. J. A. Spencer. 2,046,188; June 30.  
 Thermostatically controlled switch. W. K. Hodgman, Jr. 2,051,853; Aug. 25.  
 Thermostatically controlled valve. E. L. Mayo. 2,060,332; Nov. 10.  
 Thermostatically operated switch. G. H. Hart. 2,034,865; Mar. 24.  
 Thermostatically operated valve. W. S. Root, Jr. 2,062,936; Dec. 1.  
 Thermo-therapeutic method and apparatus. C. R. Elliott. 2,058,780; Oct. 27.  
 Thiazole compounds, Preparation of. E. E. Beard and W. L. Rintelman. 2,028,118; Jan. 14.  
 Thiazoles, Making halogen-substituted. A. M. Clifford. 2,043,948; June 9.  
 Thiazoline compound. M. Engelmann. 2,027,030; Jan. 7.  
 Thiazyl derivatives. H. I. Cramer. 2,064,783; Dec. 15.  
 Thiazyl derivatives and making. H. I. Cramer. 2,064,782; Dec. 15.  
 Thiazyl-dithiocarbamates. H. I. Cramer. 2,064,784; Dec. 15.  
 Thickness measuring instrument. P. B. Schuster. 2,058,518; Oct. 27.  
 Thicknesses with penetrating rays, Method and device for measuring. A. Bouwers and W. H. Boldingh. 2,057,325; Oct. 13.  
 Thimble, Rope. G. T. Browne. 2,040,642; May 12.  
 Thimble tube boiler. W. J. Niven. 2,047,881; July 14.  
 Thioethers and saturated hydrocarbons from mercaptans, Production of. C. C. Allen. 2,051,807; Aug. 25.  
 Thioethers from mercaptans, Production of. W. Seaman and J. R. Huffman. 2,066,189; Dec. 29.  
 Thioethers, Preparation of olephinic. L. B. Turner. 2,066,191; Dec. 29.  
 Thioflavine T, Manufacture of. O. Allemann. 2,037,448; Apr. 14.  
 Thiotetraphosphates and product thereof, Preparing. A. H. Fiske and C. S. Bryan. 2,033,913; Mar. 17.  
 Thread and conditioning same, Artificial. H. Hofmann. 2,036,174; Mar. 31.  
 Thread and making same, Artificial. F. P. Alles. 2,053,123; Sept. 1.  
 Thread and making the same, Elastic. S. W. Alderfer. 2,054,354; Sept. 15.  
 Thread and making the same, Rubber. C. L. Beal. 2,061,749; Nov. 24.  
 Thread and/or fabric. J. I. Taylor. 2,042,437; May 26.  
 Thread and reticulated sheets of rubber or similar material, Making elastic. M. M. Harrison. 2,030,208; Feb. 11.  
 Thread, Apparatus for production of artificial. B. M. Taylor. 2,052,731; Sept. 1.  
 Thread-carrier rails of flat framework knitting machines, Operating mechanism for the. A. Loimann. 2,059,375; Nov. 3.  
 Thread cleaner and thread cleaner blade. E. W. Young. 2,034,853; Mar. 24.  
 Thread-cleaning attachment for winding. J. Barney. 2,065,991; Dec. 29.  
 Thread cleaning device. A. G. Osborne and B. H. H. Noble. 2,055,631; Sept. 29.  
 Thread cleaning device. A. G. Osborne and B. H. H. Noble. 2,061,386; Nov. 17.  
 Thread cleaning machine for pipes and tubes. H. B. Lynch. 2,041,005; May 19.  
 Thread clearer. S. Hyslop. 2,028,392; Jan. 21.  
 Thread, Compound elastic. L. Silverman. 2,042,910; June 2.  
 Thread, Conditioning artificial. H. Hofmann. 2,027,911; Jan. 14.  
 Thread conditioning device. D. Z. Kriebel. 2,052,980; Sept. 1.  
 Thread controller for shuttle changing looms. L. S. Vose. 2,048,086; July 21.  
 Thread, cord, strip, and the like, Manufacture of elastic rubber. U. Pestalozza. 2,052,361; Aug. 25.  
 Thread cutting device. M. J. Clabby and H. S. Ashmun. 2,060,609; Nov. 10.  
 Thread cutting die. A. Goob. 2,054,745; Sept. 15.  
 Thread cutting machines, Compensating mechanism for. H. Schicht. 2,061,778; Nov. 24.  
 Thread cutting mechanism. C. Sintz. 2,041,027; May 19.  
 Thread cutting tool. I. A. Morberg. 2,041,082; May 19.  
 Thread cutting tool. R. Thomson. 2,029,514; Feb. 4.  
 Thread cutting tool. W. R. Vosper. 2,035,285; Mar. 24.  
 Thread, Elastic. F. J. Kennedy. 2,057,577; Oct. 13.  
 Thread fluid treating device. H. R. Childs. 2,029,910; Feb. 4.  
 Thread guide bars, Device for limiting the movements of. W. Heinitz. 2,062,223; Nov. 24.  
 Thread in yarn, Hiding core. A. E. Schenck. 2,036,778; Apr. 7.  
 Thread lease, Preparing. G. C. Smith. 2,048,974; July 28.  
 Thread, Making artificial. G. Siegler. 2,046,347; July 7.  
 Thread, Making rubber. G. S. Van Voorhis. 2,052,151; Aug. 25.  
 Thread, Manufacture of. P. Pierrat and R. Picard. 2,045,722; June 30.  
 Thread, Manufacture of artificial. J. S. Fonda and G. W. Filson. 2,064,300; Dec. 15.  
 Thread, Manufacture of artificial. A. Gislou. 2,052,974; Sept. 1.  
 Thread or string to wrapped commercial packages, Method of and apparatus for applying an opening. J. C. Carlin and G. M. Canfield. 2,056,388; Oct. 6.  
 Thread printing apparatus selector mechanism. D. B. Bonner. 2,032,043; Feb. 25.  
 Thread, Process and apparatus for production of artificial. P. E. Harrison. 2,045,708; June 30.  
 Thread, Processing artificial. P. E. Harrison. 2,043,750; June 9.  
 Thread, Producing artificial. H. Altwegg and A. Eichler. 2,053,310; Sept. 8.  
 Thread protector. P. J. Shrum. 2,034,423; Mar. 17.  
 Thread restoring tool. G. A. Boettcher. 2,032,198; Feb. 25.  
 Thread rolling machine. R. J. Freter and A. H. Gaess. 2,065,066; Dec. 22.  
 Thread separator for spinning machines. M. F. Haas. 2,037,414; Apr. 14.  
 Thread severing and holding device. L. J. P. Bunker and D. R. Trinkle. 2,056,342; Oct. 6.  
 Thread, Spinning rayon. C. A. Huttinger. 2,042,529; June 2.  
 Thread splicing device. J. F. Cavanagh. 2,028,144; Jan. 21.  
 Thread stop-motion. H. E. Smyth. 2,064,697; Dec. 15.  
 Thread-tension mechanism for sewing machines. R. Becker. 2,050,241; Aug. 11.  
 Thread tensioning attachment for textile machines. R. Schletter. 2,031,430; Feb. 18.  
 Thread-treating composition. A. D. Macdonald. 2,054,943; Sept. 22.  
 Thread-treating composition and method. G. H. Brother. 2,033,120; Mar. 10.  
 Thread winding and treating machine. J. E. Higgins. 2,038,789; Apr. 28.  
 Thread winding mechanism. F. A. Daniels. 2,046,550; July 7.  
 Thread winding mechanism. H. S. Drum and W. C. Dodson. 2,041,118; May 19.  
 Threaded elements, Assembling. A. J. England. 2,064,342; Dec. 15.  
 Threaded joint. G. H. Hufferd. 2,049,163; July 28.  
 Threading and facing tool. W. W. Vosper. 2,029,847; Feb. 4.  
 Threading device. S. F. Newman. 2,043,862; June 9.  
 Threading device. L. Zeller. 2,046,991; July 7.  
 Threading tool. J. S. Stull. 2,040,344; May 12.  
 Threads and other products from cellulose, Manufacture of artificial. L. Lillienfeld. 2,052,478; Aug. 25.  
 Threads and the like, Apparatus for making cored. R. P. Roberts, W. H. Kimpton and R. M. Dingley. 2,063,755; Dec. 8.  
 Threads and the like, Production of. H. Dreyfus. 2,045,347; June 23.  
 Threads, Apparatus for feeding and winding textile. W. I. Taylor and A. H. Woodruff. 2,031,799; Feb. 25.  
 Threads, filaments, ribbons, and the like, Production of artificial. H. Dreyfus. 2,027,419; Jan. 14.  
 Threads from natural or artificial dispersions of rubber, Device for forming. E. A. Murphy. 2,058,032; Oct. 20.  
 Threads from viscose, Manufacture of artificial. A. Zimmermann and K. Spencker. 2,036,313; Apr. 7.  
 Threads, Manufacture of woolly. W. Gruber. 2,026,736; Jan. 7.  
 Threads of a stitched book, Method of and mechanism for automatically severing the terminal. A. Rivlois and O. Müller. 2,048,970; July 28.  
 Threads of India-rubber, gutta percha, or the like, Production of. E. Vincke. 2,064,508; Dec. 15.  
 Threads of perfectly uniform cross-sectional shape, Device for producing artificial silk. F. Ninnelt. 2,037,087; Apr. 14.  
 Threads on bobbins, Winding natural silk. W. Wilke. 2,063,282; Dec. 8.  
 Threads on pipe ends, Device for protecting. L. S. Gunderman. 2,061,151; Nov. 17.  
 Threads, Production of synthetic. G. S. Hiers. 2,055,292; Sept. 22.  
 Threads, ribbons, and like materials, Manufacture of artificial. H. Dreyfus. 2,054,852; Sept. 22.  
 Threads, strings, bands, films, and the like, Manufacture of. W. Schulte. 2,039,262; Apr. 28.  
 Threads, strings, bands, films and the like, Manufacture of. W. Schulte. 2,058,835; Oct. 27.  
 Three-cutter bit. F. L. Scott. 2,044,549; June 16.  
 Three drum boiler. A. U. Wetherbee. 2,034,547; Mar. 17.  
 3,5,8,10-tetraaroylpyranes and making the same. R. Scholl and K. Meyer. 2,045,968; June 30.  
 3-hydroxydiphenyleneoxide-2-carboxylic acid. F. Muth. 2,050,958; Aug. 11.  
 3-keto-acids of the sugar series and their anhydrides and the manufacture of the same. T. Reichstein. 2,056,126; Sept. 29.  
 Three-legged drop leaf chair-side table. L. T. Erpelding. 2,055,007; Sept. 22.  
 3-methylal-p-pentane, Preparing. P. Halbig and F. Kauffer. 2,040,130; May 12.  
 Three-position mechanical movement. O. S. Field. 2,037,651; Apr. 14.



- 3,3'-dichlorindanthrone and producing the same. W. Smith and J. Thomas. 2,056,593; Oct. 6.
- Thresher, Lapedeza. L. W. Hicks. 2,050,792; Aug. 11.
- Threshing and straw reducing machine, Axial. F. Schlayer. 2,050,631; Aug. 11.
- Threshing machine. A. J. Harder. 2,040,605; May 12.
- Threshing machine. J. A. James. 2,053,148; Sept. 1.
- Threshing machine. J. Suwalkowski. 2,036,239; Apr. 7.
- Throttle control device. R. A. Shelley. 2,034,253; Mar. 17.
- Throttle control for engines, Fluid pressure. E. A. Rockwell. 2,065,909; Dec. 29.
- Throttle control mechanism. C. L. Cummins. 2,034,745; Mar. 24.
- Throttle control mechanism. C. L. Cummins. 2,034,748; Mar. 24.
- Throttle control mechanism. L. C. Daniels. 2,063,794-5; Dec. 8.
- Throttle control mechanism. E. J. Sampson. 2,043,868; June 9.
- Throttle controlling means for tractors and stationary motors, Automatic. L. P. Owings. 2,035,829; Mar. 31.
- Throttle, Deicing. R. F. Gagg. 2,059,687; Nov. 3.
- Throttle locking device. W. A. Smith, Jr. 2,060,256; Nov. 10.
- Throttle valve. G. A. Crosby. 2,047,901; July 14.
- Throttle valve. J. L. Kimball. 2,035,166; Mar. 24.
- Throttle valve. L. Kimball. 2,059,363-4; Nov. 3.
- Throttle valve device. J. C. McCune. 2,058,028; Oct. 20.
- Throttling means for internal combustion engines. L. Brown and R. J. Jones. 2,036,619; Apr. 7.
- Thrust and radial bearing, Combined. H. A. S. Howarth. 2,054,219; Sept. 15.
- Thrust bearing. J. Dolza. 2,030,813; Feb. 11.
- Thrust bearing. H. A. S. Howarth. 2,050,887; Aug. 11.
- Thrust bearing. D. H. Stoughton. 2,050,817; Aug. 11.
- Thumb rest. J. M. Myer. 2,057,047; Oct. 13.
- Thumb switch. W. T. Weidenman. 2,066,022; Dec. 29.
- Ticker-tape feed-out device, Automatic. P. L. Myer. 2,060,586; Nov. 10.
- Ticker tape projecting machine. A. D. Eitzen. 2,061,512; Nov. 17.
- Ticket attaching device, String. C. A. Flood. 2,063,917; Dec. 15.
- Ticket cash register, Automatic. P. Zulinski and P. Fleischman. 2,032,387; Mar. 3.
- Ticket dispensing machine. O. Hoyer. 2,034,904; Mar. 24.
- Ticket, Folded. E. M. Vaser. 2,054,309; Sept. 15.
- Ticket holder, Card or price. E. J. Baas. 2,042,760; June 2.
- Ticket issuer for pin ball games. R. T. Moloney. 2,046,084; June 30.
- Ticket issuing device. G. Andars. 2,048,480; July 21.
- Ticket issuing machine. H. D. Black and C. F. Webb. 2,035,524; Mar. 31.
- Ticket issuing machine. R. H. Helsel. 2,041,831; May 26.
- Ticket issuing machine. H. Soltz. 2,061,389; Nov. 17.
- Ticket, Pin. M. M. Keener. 2,061,969; Nov. 24.
- Ticket printing and issuing machine. C. F. Webb. 2,026,763; Jan. 7.
- Ticket printing device. C. D. Joyaux. 2,057,031; Oct. 13.
- Ticket printing, issuing, and accounting machine. F. A. and H. McL. Purdy, and E. Letsch. 2,044,367; June 16.
- Ticket printing machine. M. J. Hoffman. 2,033,936; Mar. 17.
- Ticket supporting bracket. P. H. Meyer. 2,052,189; Aug. 25.
- Tidal storage device. W. B. Harrison and C. W. Kennedy. 2,044,686; June 16.
- Tie and band and fastening the same, Bale. J. V. Prestwich. 2,059,906; Nov. 3.
- Tie and seal therefor, Box. E. A. Johnson. 2,046,634; July 7.
- Tie and spacer for wall forms. L. J. Sarosdy. 2,034,638; Mar. 17.
- Tie-back, Drapery fold forming. E. L. E. Gossner. 2,053,332; Sept. 8.
- Tie bar and spacer. P. Beghetti. 2,052,012; Aug. 25.
- Tie elements from hands of leaves, Apparatus for removing. T. R. Priddy. 2,055,307; Sept. 22.
- Tie for extension trackways. L. E. Harvey. 2,029,820; Feb. 4.
- Tie holder. M. Thomas. 2,029,597; Feb. 4.
- Tie holder. R. M. Wolfe. 2,030,905; Feb. 18.
- Tie holder and press. K. H. Cawthon. 2,048,919; July 28.
- Tie holder and retainer set. M. F. Krohmer. 2,044,311; June 16.
- Tie-holding attachment for shirts. L. Jokela and V. J. Procita. 2,043,799; June 9.
- Tie-leaves from hands of leaves, Method of and machine for cutting and removing. T. R. Priddy. 2,055,306; Sept. 22.
- Tie plate. W. S. Boyce. 2,038,919; Apr. 28.
- Tie plate. W. S. Boyce. 2,038,922; Apr. 28.
- Tie-plate. J. K. Boyd and F. F. Slick. 2,051,982; Aug. 25.
- Tie plate. F. J. and G. H. Werner. 2,056,632; Oct. 6.
- Tie plate and clip combination. J. G. Delfox. 2,043,320; June 9.
- Tie plate and rail retaining clip. F. A. Preston. 2,035,918; Mar. 31.
- Tie plate, Railway. R. Hill. 2,042,464; June 2.
- Tie-plate, Railway. H. L. Keen. 2,064,664; Dec. 15.
- Tie plate, Railway. G. T. Willard. 2,054,352; Sept. 15.
- Tie plates, Apparatus for and method of manufacturing. J. F. W. Kruse, C. W. Dawson, and A. T. Richardson. 2,039,090; Apr. 28.
- Tie plates, Manufacturing. J. F. W. Kruse, C. W. Dawson, and A. T. Richardson. 2,051,640; Aug. 18.
- Tie rack. T. Kirik. 2,033,430; Mar. 10.
- Tie, Railway. L. F. Wilson. 2,035,933; Mar. 31.
- Tie raiser for railroads, Cross. E. Compitello. 2,042,389; May 26.
- Tie, Resilient. I. D. Wolfson. 2,050,596; Aug. 11.
- Tie retainer. L. E. Picolet. 2,042,961; June 2.
- Tie stay. C. E. Brooks. 2,049,993; Aug. 4.
- Tie, Type form. W. F. Heinrich. 2,028,449; Jan. 21.
- Tie, Wall. J. Kublanow. 2,039,171; Apr. 28.
- Ties, Bale. A. B. Taylor. 2,035,351; Mar. 24.
- Tightening device. H. Stanley and V. J. Moir. 2,029,134; Jan. 28.
- Tile. C. J. Angelo. 2,032,460; Mar. 3.
- Tile and making the same, Structural. W. McCoy. 2,056,069; Sept. 29.
- Tile, Building. H. C. and L. W. Cockrell. 2,060,791; Nov. 17.
- Tile, Building. G. Witty. 2,049,882; Aug. 4.
- Tile connector, Drain. M. R. Gutman. 2,029,920; Feb. 4.
- Tile construction. A. Rossi. 2,053,843; Sept. 8.
- Tile, Filter. C. J. Woods. 2,046,298; June 30.
- Tile for flooring and paneling, Wood. S. Luzzati and C. Molinari. 2,044,535; June 16.
- Tile-like element. F. W. Yeager. 2,037,297; Apr. 14.
- Tile, metal. T. S. O'Rourke. 2,050,116; Aug. 4.
- Tile mounting. E. S. Denk. 2,049,427-8-9; Aug. 4.
- Tile or slab applicable for covering or protecting underground cables and the like. H. J. D. L. Walmsley. 2,062,979; Dec. 1.
- Tile, Reenforced slate. E. B. Walton. 2,041,886; May 26.
- Tile, Roofing. W. Ludowici. 2,028,228; Jan. 21.
- Tile spacer. F. H. Berger. 2,031,684; Feb. 25.
- Tile walls, Moving and resetting. E. Olsen. 2,063,748; Dec. 8.
- Tiles and bricks, Locking means for. E. V. Kerner. 2,054,512; Sept. 15.
- Tiling. A. C. Myers. 2,043,706; June 9.
- Tiling, Cast iron porcelain-enameled. C. F. Wells. 2,061,263; Nov. 17.
- Tillage implement. C. T. Ray. 2,063,051; Dec. 8.
- Tillage implement. C. T. Ray. 2,063,851-2; Dec. 8.
- Tillage tool. L. W. Pope. 2,064,269; Dec. 15.
- Tiller, Field. A. E. Rutter. 2,050,734; Aug. 11.
- Tiller, Two-wheel motor-driven roto-. D. C. Pedersen. 2,049,661; Aug. 4.
- Tilling implement. F. and H. Petty. 2,055,632; Sept. 29.
- Tilling machine, Rotary. N. C. Storey and P. R. Hasson. 2,031,188; Feb. 18.
- Tilling machinery of the rotary type. N. C. Storey. 2,034,779; Mar. 24.
- Tilling machinery, Rotary. N. C. Storey. 2,034,780; Mar. 24.
- Tilting and swivel chair. M. Stoll. 2,048,148; July 21.
- Tilting apparatus. K. Schlesinger. 2,039,119; Apr. 28.
- Tilting apparatus. K. Schlesinger. 2,053,536; Sept. 8.
- Tilting furnace. J. E. MacDonald. 2,044,090; June 16.
- Tilting mechanism for Venetian blinds. J. M. Nordstrom. 2,036,823; Apr. 7.
- Tilting oscillation generator. K. Schlesinger. 2,039,118; Apr. 28.
- Timbers, ties, and the like, Apparatus for impregnating. M. E. Crowell and T. W. Smith. 2,046,549; July 7.
- Time announcement system. B. F. Lewis. 2,028,289; Jan. 21.
- Time control for tuned circuits, Automatic. T. A. Cheney and H. J. Krinke. 2,060,037; Nov. 10.
- Time control mechanism. L. J. Griffey. 2,048,607; July 21.
- Time controlled device. E. V. Estrella. 2,047,180; July 14.
- Time controlled mechanism for valves or the like. R. W. Johnson. 2,028,933; Jan. 28.
- Time controlled switch. J. W. Luoma. 2,035,712; Mar. 31.
- Time-cycle controller. W. J. Kerr. 2,050,614; Aug. 11.
- Time-cycle controller. W. J. Kerr and E. C. Miller. 2,030,451; Feb. 11.
- Time delay relay and control system employing the same. H. L. Van Valkenburg. 2,050,232; Aug. 4.
- Time delay system, Differential. C. G. Suits. 2,059,057; Oct. 27.
- Time element device. H. M. Stevens. 2,029,136; Jan. 28.
- Time-finder device. L. I. Replogle. 2,059,031; Oct. 27.
- Time indicating apparatus, Direct. J. I. Liner. 2,051,611; Aug. 18.
- Time indicating device. L. S. Harrison. 2,036,046; Mar. 31.
- Time indicating mechanism. N. Hogenbirk. 2,041,342; May 19.
- Time instrument. S. M. Kenerson. 2,036,050; Mar. 31.
- Time lock. C. G. Smeaton. 2,051,500; Aug. 18.
- Time lock, Delayed control. W. C. Miller. 2,029,272; Jan. 28.
- Time lock, Delayed control. W. C. Miller. 2,062,066; Nov. 24.
- Time lock, Delayed control. W. C. Miller and P. M. Hawkins. 2,036,767; Apr. 7.



- Time lock, Delayed control. W. C. Miller and C. W. Kuenzel. 2,065,867; Dec. 29.
- Time mechanism, Electrically energized. F. C. Holtz. 2,048,121; July 21.
- Time period annunciator. T. V. Anderson. 2,042,875; June 2.
- Time periods, especially for echo sounding, Arrangement for the direct indication of. B. Settegast and W. Rudolph. 2,032,893; Mar. 3.
- Timepiece. G. Liengme. 2,041,557; May 19.
- Timepiece. A. McL. Nicolson. 2,055,982; Sept. 29.
- Timepiece. E. O. Schweitzer, Jr. 2,061,047; Nov. 17.
- Timepiece. E. E. Ulmann. 2,051,761; Aug. 18.
- Timepiece and the like. R. C. Graseby. 2,031,705; Feb. 25.
- Timepiece, Apparatus for testing the running of. R. Tamm. 2,050,866; Aug. 11.
- Timepiece, Electric. M. P. Favre-Bulle. 2,036,917; Apr. 7.
- Timepiece, Self-winding. W. A. Gabriel. 2,030,980; Feb. 18.
- Timepieces, Apparatus for the optical calibration of. C. H. Fetter, E. R. Morton, and H. M. Stoller. 2,037,161; Apr. 14.
- Timepieces, Eliminating error in. G. P. Luckey. 2,037,729; Apr. 21.
- Timepieces, Setting mechanism for. A. Bugnion and E. Degallier. 2,055,572; Sept. 29.
- Time recorder. L. E. Dodd and W. W. Harper. 2,044,471; June 16.
- Time relay, Definite. R. W. Goff. 2,037,572; Apr. 14.
- Time release device, Automatic. W. H. Stilling. 2,032,189; Feb. 25.
- Time schedule control system. E. B. Foote. 2,050,753; Aug. 11.
- Time service system. D. H. Myers. 2,063,184; Dec. 8.
- Time setting device. R. D. Smith. 2,032,774; Mar. 3.
- Time switch. F. W. Flegel. 2,033,617; Mar. 10.
- Time switch. F. C. Holtz. 2,056,400; Oct. 6.
- Time switch. L. C. Hostetler. 2,062,715; Dec. 1.
- Time switch. C. E. Sundberg. 2,038,391; Apr. 21.
- Time switch. C. E. Sundberg. 2,041,797; May 26.
- Time switch, Alarm clock electric. A. H. Warton. 2,058,646; Oct. 27.
- Time switch, Automatic. F. W. Flegel. 2,034,178; Mar. 17.
- Time switch mechanism. G. Stokes. 2,031,187; Feb. 18.
- Time switch mechanism, Coin controlled. F. Campagna and J. C. Rivet. 2,034,744; Mar. 24.
- Timer. A. O. Olafson. 2,026,648; Jan. 7.
- Timer, Automatic rip cord. E. T. Barron. 2,035,779; Mar. 31.
- Timer, Cycle. E. W. Huber. 2,047,127; July 7.
- Timer, Electronic. C. Stansbury. 2,062,616; Dec. 1.
- Timer for concrete mixers. E. C. Garber and H. R. McDermott. 2,030,747; Feb. 11.
- Timer, Machine event. H. C. Foster. 2,043,162; June 2.
- Timer, Program cycle. H. J. Brandenburger. 2,047,122; July 7.
- Timer with interchangeable formula for controlling machines having series of operations. W. B. Hutchings. 2,055,031; Sept. 22.
- Timer, Work cycle. C. H. Bissell. 2,050,825; Aug. 11.
- Timing and safety device for bottle conveyers. F. E. Youngdahl. 2,026,856; Jan. 7.
- Timing apparatus. H. J. Atticks. 2,059,925; Nov. 3.
- Timing apparatus. O. C. Frederick. 2,053,143; Sept. 1.
- Timing apparatus. C. H. Rumpel. 2,045,414; June 23.
- Timing attachments for conveyers. B. G. Copping. 2,047,406; July 14.
- Timing control for circuits. F. W. Hoban. 2,036,176; Mar. 31.
- Timing control mechanism. W. W. Criley. 2,052,752; Sept. 1.
- Timing device. J. J. Brown. 2,045,118; June 23.
- Timing device. C. T. Coppage. 2,041,323; May 19.
- Timing device. L. A. Du Rocher. 2,037,622; Apr. 14.
- Timing device. P. S. Edmunds. 2,061,511; Nov. 17.
- Timing device. A. J. Hollander. 2,064,832; Dec. 22.
- Timing device. H. Powell. 2,048,198; July 21.
- Timing device. J. W. Racklyeft. 2,048,199; July 21.
- Timing mechanism. L. F. Miller and R. W. Ellms. 2,065,144; Dec. 22.
- Timing mechanism. N. M. Seeburg. 2,038,963; Apr. 28.
- Timing mechanism, Coin controlled. J. M. Curless. 2,054,615; Sept. 15.
- Timing mechanism, Electric. R. H. Whitehead. 2,064,043; Dec. 15.
- Timing mechanism for glass feeders. O. M. Tucker and W. A. Reeves. 2,030,804; Feb. 11.
- Timing mechanism for operating switches. H. Hubbell, Jr. 2,056,193; Oct. 6.
- Timing mechanism for projectiles. A. Varaud. 2,032,960; Mar. 3.
- Timing mechanism for valves, electric switches, or other mechanical movements. H. McDowell, Jr. 2,036,595; Apr. 7.
- Timing mechanism, particularly for washing or dry cleaning machines. W. Jepson. 2,051,860; Aug. 25.
- Timing relay mechanism. E. G. Powell. 2,062,606; Dec. 1.
- Timing switch. R. H. Whitehead and W. E. Porter. 2,053,859; Sept. 8.
- Timing system. L. Theremin. 2,047,912; July 14.
- Timing valve. E. Davis. 2,035,791; Mar. 31.
- Tin and like container, Hermetically sealed. J. D. N. Warren. 2,062,542; Dec. 1.
- Tin cutter. A. Swedeland. 2,031,190; Feb. 18.
- Tin from columbium alloys, Removing. E. F. Doom. 2,030,357; Feb. 11.
- Tin-plating. R. M. Gordon. 2,044,210; June 16.
- Tin pot feeder. A. R. Weibel and W. Jones. 2,028,306; Jan. 21.
- Tin, Recovering. J. O. Betterton and C. N. Waterman. 2,043,573; June 9.
- Tin, Recovering. L. Schertel. 2,055,732; Sept. 29.
- Tin tetrachloride, Making. P. L. Tyson. 2,061,816; Nov. 24.
- Tinsel, Multicrinkled. P. Kranz and A. Hartmann. 2,033,340; Mar. 10.
- Tinsel producing machine, Crinkled. P. Kranz and A. Hartmann. 2,031,566; Feb. 18.
- Tip for cigarettes. F. A. Howarth. 2,045,601; June 30.
- Tip for oxy-acetylene torches. A. F. Jenkins. 2,054,601; Sept. 15.
- Tip for tapping rods, Resilient. G. T. Meyer. 2,041,427; May 19.
- Tire, Aero and auto. J. V. Martin. 2,050,352; Aug. 11.
- Tire alarm, Pneumatic. M. C. French. 2,063,871; Dec. 8.
- Tire and fabric therefor, Pneumatic. R. P. Dinsmore. 2,058,778; Oct. 27.
- Tire and making same, Pneumatic. F. Eger. 2,047,999; July 21.
- Tire and making the same. R. C. Pierce. 2,028,165; Jan. 21.
- Tire and mounting therefor, Pneumatic. D. H. Knapp. 2,045,860; June 30.
- Tire and rim. D. W. Mason. 2,027,282; Jan. 7.
- Tire and rim construction. E. E. Hall. 2,028,601; Jan. 21.
- Tire, Automobile. M. Mostkoff. 2,027,056; Jan. 7.
- Tire bead. G. F. Crowley. 2,053,519; Sept. 8.
- Tire boot. L. E. Saferite. 2,061,851; Nov. 24.
- Tire building apparatus. E. L. Heid. 2,045,554; June 23.
- Tire building apparatus. A. L. Heston. 2,033,896; Mar. 10.
- Tire building apparatus. A. L. Heston. 2,039,532; May 5.
- Tire building apparatus. W. C. State, M. Lammertse, and C. E. Gardner. 2,028,078; Jan. 14.
- Tire building apparatus. H. D. Stevens. 2,034,642; Mar. 17.
- Tire building apparatus. H. D. Stevens. 2,045,534; June 23.
- Tire building drum. A. L. Heston. 2,030,749; Feb. 11.
- Tire building drum, Telescopic. A. L. Heston. 2,039,531; May 5.
- Tire building machine. W. J. Breth and M. L. Engler. 2,035,422; Mar. 24.
- Tire building machine. W. J. Breth and M. L. Engler. 2,041,990; May 26.
- Tire carrier. J. J. Croden. 2,063,092; Dec. 8.
- Tire casing, Pneumatic. R. M. Reel. 2,027,248; Jan. 7.
- Tire chain. F. A. Greene. 2,059,100; Oct. 27.
- Tire chain. G. Montgomery. 2,061,039; Nov. 17.
- Tire chain. J. R. Reyburn. 2,053,047; Sept. 1.
- Tire changer. R. D. Maulls. 2,034,819; Mar. 24.
- Tire changing apparatus. C. B. McCarthy. 2,057,200; Oct. 13.
- Tire changing machines, Attachment for. H. J. Bernhard. 2,027,626; Jan. 14.
- Tire combination rail and highway unit, Pneumatic. W. B. Fageol. 2,027,684; Jan. 14.
- Tire condition indicator. M. W. Gieskieng. 2,033,424; Mar. 10.
- Tire cover. C. M. Ellenberger. 2,038,209; Apr. 21.
- Tire cover. A. P. Ferguson. 2,038,425; Apr. 21.
- Tire cover. A. P. Ferguson and G. W. Schatzman. 2,033,762; Mar. 10.
- Tire cover. G. A. Lyon. 2,049,458; Aug. 4.
- Tire cover. G. A. Lyon. 2,060,329; Nov. 10.
- Tire cover. L. F. Newton. 2,037,429; Apr. 14.
- Tire cover. C. W. Ryerson. 2,062,612; Dec. 1.
- Tire cover. F. W. Schmidt and F. E. Beach. 2,061,986; Nov. 24.
- Tire cover. B. M. Short. 2,026,597; Jan. 7.
- Tire cover, Clam shell. G. A. Lyon. 2,048,400; July 21.
- Tire cover construction. A. P. Ferguson and B. M. Short. 2,034,464; Mar. 17.
- Tire cover construction. A. P. Ferguson and B. M. Short. 2,056,839; Oct. 6.
- Tire cover construction. G. A. Lyon. 2,042,949; June 2.
- Tire cover, Pneumatic. F. G. W. King. 2,063,105; Dec. 8.
- Tire cover, Shove down. G. A. Lyon. 2,049,456; Aug. 4.
- Tire cover, Spare. G. A. Lyon. 2,049,461; Aug. 4.
- Tire cover, Spare. G. A. Lyon. 2,060,330; Nov. 10.
- Tire deflation switch. J. F. Prospero. 2,057,445; Oct. 13.
- Tire expander. W. G. Lerch and M. T. Bryant. 2,065,943; Dec. 29.
- Tire for mine locomotive wheels. G. L. Micheal and P. Brumbach. 2,061,324; Nov. 17.
- Tire for roller skates. P. J. Gabriel and F. J. Kammerer. 2,051,696; Aug. 18.
- Tire for self-propelled road vehicles, Rubber. E. Goldstein. 2,065,968; Dec. 29.
- Tire for vehicle wheels. A. Berchtold. 2,032,905; Mar. 3.
- Tire gauge. L. L. Alnett, Jr., and H. T. M. Rice. 2,057,321; Oct. 13.
- Tire gauge switch, Automatic. H. Wright and H. Hemperly. 2,040,891; May 19.



- Tire groover. C. F. Boyer and G. W. Fouke. 2,031,028; Feb. 18.
- Tire groover. D. Jack and W. Matisek. 2,063,894; Dec. 15.
- Tire-groover, Hand. W. F. Errig and G. M. Pfundt. 2,031,472; Feb. 18.
- Tire grooving machine. R. N. Pendleton and R. H. Hodge. 2,027,490; Jan. 14.
- Tire indicating means and method. D. S. Cole. 2,057,556; Oct. 13.
- Tire inflater. K. M. Moody. 2,040,868; May 19.
- Tire inflater and gauge. D. O. and O. C. Druge. 2,040,299; May 12.
- Tire inflater and pressure gauge, Combined. L. C. Byars. 2,047,405; July 14.
- Tire inflater, Automatic. E. Frohwerk. 2,044,287; June 16.
- Tire inflater, Automatic. O. W. Hosking. 2,030,592-3; Feb. 11.
- Tire inflating and deflating apparatus. W. A. Harris. 2,062,220; Nov. 24.
- Tire inflation attachment, Automatic. R. F. Peo. 2,055,983; Sept. 29.
- Tire lug for tractors. L. A. Lilly. 2,061,283; Nov. 17.
- Tire, Making a rubber. R. W. Sohl. 2,050,202; Aug. 4.
- Tire making apparatus. J. B. A. Mazon. 2,035,821; Mar. 31.
- Tire mold and making the same. R. C. Bateman. 2,064,778; Dec. 15.
- Tire mounting rim construction. H. J. Woock. 2,045,937; June 30.
- Tire, Non-collapsible. F. S. Dickinson. 2,040,645; May 12.
- Tire, Noncollapsible pneumatic. M. M. Girz. 2,053,245; Sept. 1.
- Tire or wheel carrier, Spare. H. Robinson, Jr. 2,034,834; Mar. 24.
- Tire, Pneumatic. H. A. Brittain. 2,056,131; Sept. 29.
- Tire, Pneumatic. E. G. Budd. 2,028,135; Jan. 21.
- Tire, Pneumatic. E. G. Budd. 2,059,982; Nov. 3.
- Tire, Pneumatic. D. Freeman. 2,042,522; June 2.
- Tire, Pneumatic. J. Ledwinka. 2,039,726; May 5.
- Tire, Pneumatic. J. Macmillan. 2,037,640; Apr. 14.
- Tire, Pneumatic. E. W. Madge, F. B. Jones, and D. Parkinson. 2,056,012; Sept. 29.
- Tire, Pneumatic. L. C. Mills. 2,052,416; Aug. 25.
- Tire, Pneumatic. H. R. Simonds. 2,064,694; Dec. 15.
- Tire, Pneumatic. F. Zerillo. 2,059,764; Nov. 3.
- Tire pressure gauge. P. M. Bourdon. 2,058,557; Oct. 27.
- Tire pressure indicating system. J. W. McDonnell. 2,063,452; Dec. 8.
- Tire pressure measuring device. W. H. and A. G. Hendel. 2,051,042; Aug. 18.
- Tire, Rail vehicle. J. Ledwinka. 2,039,092; Apr. 28.
- Tire, Railway vehicle. J. P. Tarbox. 2,039,498; May 5.
- Tire, Resilient. T. F. Baddock. 2,055,461; Sept. 29.
- Tire, Resilient. W. F. Hoelzer. 2,034,811; Mar. 24.
- Tire retreading apparatus. P. E. Hawkinson. 2,034,618; Mar. 17.
- Tire retreading method. J. C. Heintz. 2,047,684; July 14.
- Tire retreading mold. M. M. Fisher. 2,030,861; Feb. 18.
- Tire rim. C. A. Dahlgren. 2,036,124; Mar. 31.
- Tire, Safety. W. D. Nore. 2,040,759; May 12.
- Tire spreader. W. H. Dalrymple. 2,028,440; Jan. 21.
- Tire spreader. S. A. Huebner. 2,042,312; May 26.
- Tire spreader. W. C. Mangel. 2,035,972; Mar. 31.
- Tire spreader and rim remover. P. E. Hawkinson. 2,043,169; June 2.
- Tire spreading implement. M. Mathiesen. 2,028,986; Jan. 28.
- Tire spreading machine. A. Mehnert. 2,032,295; Feb. 25.
- Tire-spreading tool. H. J. Griffith. 2,044,681; June 16.
- Tire tread. P. E. Hawkinson. 2,065,696-7; Dec. 29.
- Tire tread. H. T. Kraft. 2,048,635; July 21.
- Tire trimming device. J. A. George. 2,035,802; Mar. 31.
- Tire trimming device. J. A. George. 2,065,448; Dec. 22.
- Tire trimming machine. F. M. McLaughlin and R. D. Hulslander. 2,034,662; Mar. 17.
- Tire valve. A. E. Carliss. 2,033,512; Mar. 10.
- Tire valve. W. J. Kirkpatrick and F. G. Whittington. 2,043,380; June 9.
- Tire valve tool. S. T. Williams. 2,026,926; Jan. 7.
- Tire, Vehicle. A. H. Nellen. 2,028,003; Jan. 14.
- Tire, Vehicle wheel. F. K. Kreutz. 2,030,215; Feb. 11.
- Tire vulcanizer. C. E. Norris. 2,032,222; Feb. 25.
- Tire vulcanizing apparatus. H. K. Wheelock. 2,063,069; Dec. 8.
- Tire, Wheel. G. F. A. Cortis. 2,030,243; Feb. 11.
- Tire, Wheel. G. F. A. Cortis. 2,035,790; Mar. 31.
- Tire wrench. E. Horn. 2,061,274; Nov. 17.
- Tires and mounting expansible cores therein, Method and apparatus for shaping. H. D. Stevens. 2,028,695; Jan. 21.
- Tires, Curing. H. A. Freeman. 2,066,265; Dec. 29.
- Tires, Manufacture of pneumatic. L. Herbert and A. Frölich. 2,065,971; Dec. 29.
- Tires, Process and apparatus for making drum built. F. J. Shook. 2,045,545; June 23.
- Tires, Vulcanizing. F. A. Seiberling and C. A. Carlton. 2,032,508; Mar. 3.
- Tissue and making same, Transparent. C. Ellis. 2,029,525; Feb. 4.
- Tissue, Electrosurgical treatment of. F. C. and R. C. Wappler. 2,032,860; Mar. 3.
- Tissue, Facial. B. H. Freedman. 2,033,621; Mar. 10.
- Tissue packet. J. B. Lyon. 2,029,245; Jan. 28.
- Titanium-bearing materials, Treatment of. S. S. Svendsen. 2,042,435; May 26.
- Titanium compounds and making same. C. J. Kinzie and D. S. Hake. 2,040,854; May 19.
- Titanium compounds from titanium-containing ore, Extracting. W. Cauwenberg. 2,066,093; Dec. 29.
- Titanium compounds, Manufacture of. S. S. Svendsen. 2,042,434; May 26.
- Titanium compounds, Purification of. S. S. Svendsen. 2,042,436; May 26.
- Titanium dioxide, Making. R. H. Monk and A. S. Ross. 2,028,292; Jan. 21.
- Titanium dioxide, Producing. L. G. Jenness. 2,044,753; June 16.
- Titanium dioxide, Producing. W. T. Little. 2,029,881; Feb. 4.
- Titanium dioxide, Production of. B. W. Allan. 2,040,823; May 19.
- Titanium oxalate, Preparing basic. S. F. W. Crundall. 2,027,812; Jan. 14.
- Titanium pigment, Producing. A. J. Ravnestad. 2,055,221; Sept. 22.
- Titanium pigments, Manufacture of. C. L. Schmidt. 2,034,923; Mar. 24.
- Titanium pigments, Preparation of. J. Blumenfeld and M. Mayer. 2,026,862; Jan. 7.
- Titanium product and making same. O. T. Coffelt. 2,045,836; June 30.
- Titanium sub-oxide materials, Purifying. F. von Bichowsky. 2,031,750; Feb. 25.
- Titles for the pictures on cinematographic films, Production of the explanatory. R. Hruska. 2,051,603; Aug. 18.
- Toaster. M. H. Graham. 2,036,210; Apr. 7.
- Toaster. S. F. Rebera. 2,059,911; Nov. 3.
- Toaster, Automatic. M. H. Graham. 2,039,956; May 5.
- Toaster, Automatic. H. Peters. 2,036,826; Apr. 7.
- Toaster base assembly. W. B. Kochner. 2,029,575; Feb. 4.
- Toaster, Bread. T. H. Hallwood. 2,052,927; Sept. 1.
- Toaster, Electric. W. B. Connolly and A. O. Samuels. 2,059,440; Nov. 3.
- Toaster, Electric. G. Eaton. 2,065,434; Dec. 22.
- Toaster, Electric. T. A. Edison, Jr. 2,042,215; May 26.
- Toaster, Electric. I. Jeppsson. 2,031,656; Feb. 25.
- Toaster, Electric. G. Lavenburg. 2,046,471-2; July 7.
- Toaster, Electric. J. Murasco. 2,061,433; Nov. 17.
- Toaster, Electric. J. Pavelka, Jr. 2,049,717; Aug. 4.
- Toaster for canapés for hors d'oeuvres. C. Kemp. 2,028,159; Jan. 21.
- Toaster, Oscillating. C. C. Harpster. 2,042,226; May 26.
- Toasting and similar apparatus. C. A. Feltman. 2,032,272; Feb. 25.
- Toasting apparatus. A. De Matteis. 2,038,028; Apr. 21.
- Toasting device, Combined roll and frankfurt electric. C. E. Kennedy. 2,044,615; June 16.
- Toasting machine. H. S. Morrison. 2,028,944; Jan. 28.
- Tobacco. R. P. Allen. 2,063,014; Dec. 8.
- Tobacco and the like, Apparatus for A. Podmore. 2,066,053; Dec. 29.
- Tobacco bunching machine. G. C. Whittles. 2,038,866; Apr. 28.
- Tobacco can. D. Baden. 2,046,235; June 30.
- Tobacco cutting machine. P. Q. R. Schreiber. 2,048,473; July 21.
- Tobacco for insecticidal purposes, Drying. R. G. Mewborne. 2,040,871; May 19.
- Tobacco leaves, Apparatus for threading. P. Muller. 2,058,815; Oct. 27.
- Tobacco pipe. J. Pedery. 2,038,194; Apr. 21.
- Tobacco pipe. E. Vollmann. 2,061,786; Nov. 24.
- Tobacco products, Manufacture of denicotinized. W. H. Reselius. 2,048,624; July 21.
- Tobacco smoking pipe. M. Champoux. 2,031,524; Feb. 18.
- Tobacco stemmer. D. E. Rundell. 2,060,443; Nov. 10.
- Tobacco stemming machine. R. E. Rundell. 2,050,765; Aug. 11.
- Tobacco, Treatment of. B. Loewenthal. 2,029,494; Feb. 4.
- Toboggan, Dirigible. E. W. Tessmer. 2,027,128; Jan. 7.
- Toboggan, Surf. P. Silvernail. 2,036,548; Apr. 7.
- Toffee cutting mechanism. A. G. Rose. 2,033,789; Mar. 10.
- Toggle clamp. F. L. McKenna. 2,054,572; Sept. 15.
- Toggle switch. C. I. Smith. 2,063,200; Dec. 8.
- Toilet. B. Emmons. 2,058,867; Oct. 27.
- Toilet accessory for automotive vehicles. A. E. Bienstock. 2,054,650; Sept. 15.
- Toilet and bidet, Combined. I. Salvoni. 2,036,984; Apr. 7.
- Toilet case. N. White and J. Denton-Thompson. 2,035,356; Mar. 24.
- Toilet flusher. W. F. Hagedorn. 2,043,434; June 9.
- Toilet flushing mechanism. W. C. Watt. 2,046,898; July 7.
- Toilet, Marine. A. R. Gross. 2,047,866; July 14.
- Toilet or traveling case. L. G. Stanley. 2,038,319; Apr. 21.
- Toilet paper dispenser. J. Reganato. 2,038,447; Apr. 21.
- Toilet, Sanitary. J. H. Janda. 2,041,187; May 19.
- Toilet seat. A. P. Witte. 2,033,663; Mar. 10.
- Toilet seat hinge, Lock-on. W. A. Carmichael. 2,032,257; Feb. 25.
- Toilet, Self-ventilating. J. A. Friel. 2,058,436; Oct. 27.
- Token. R. B. Wiggins. 2,063,356; Dec. 8.



Tolyl carbinol, Producing. W. J. Amend. 2,040,913; May 19.

Tomato grading and sizing machine. J. R. Fitzgerald. 2,039,688; May 5.

Tomato-juice extractor. O. Gilliatt. 2,048,791; July 28.

Tomato marmalade and making same. H. Kay. 2,050,182; Aug. 4.

Tone bar. C. T. Schrickel. 2,027,937; Jan. 14.

Tone control. H. M. Lewis. 2,028,511; Jan. 21.

Tone control, Automatic. W. van B. Roberts. 2,040,954; May 19.

Tone control for high or low tones in electrical musical instruments. W. E. Kock. 2,048,610; July 21.

Tone control system for electrical sound reproduction. D. E. Foster. 2,043,161; June 2.

Tong. J. D. Chesnut and R. K. Hertel. 2,026,516; Jan. 7.

Tong, Pipe. R. K. Hertel. 2,047,506; July 14.

Tongs. S. Wright. 2,044,656; June 16.

Tongs for removing and putting in place the key rings of typewriting machines and the like. O. Fischer. 2,037,223; Apr. 14.

Tongs, Multiple. W. R. Hudson. 2,051,481; Aug. 18.

Tongs, Safety link. C. E. Olsen and J. A. Peterson. 2,045,869; June 30.

Tongue attachment, Shockless trailer. F. Goldman. 2,050,093; Aug. 4.

Tongue-cleaning device. J. H. Greenberg. 2,049,956; Aug. 4.

Tonsillectome, Suction. R. F. Brown. 2,036,998; Apr. 14.

Tool: See—

Abrading tool.

Abrasive tool.

Artisan tool.

Basket fishing tool.

Bearing pulling tool.

Bending tool.

Boring tool.

Bottle opening tool.

Box ending tool.

Burnishing tool.

Cap closing tool.

Carpenter's tool.

Citrus fruit tool.

Clutch centralizing tool.

Crankshaft rotating tool.

Combination tool.

Composite cutting and threading tool.

Convertible tool.

Cultivating tool.

Cutter tool.

Cutting and beveling tool.

Cutting tool.

Dental impression parting tool.

Drill and boring tool.

Drilling tool.

Earthworking tool.

Electric hand tool.

Electrically operated fishing tool.

Faucet reseating tool.

Fence tying tool.

Fender tool.

Ferrule applying tool.

Fishing tool.

Flower, fruit, and vegetable gathering tool.

Fluid operated tool.

Furrier's cutting tool.

Garden tool.

Gardening tool.

Gate valve packing tool.

Geometric tool.

Grafting tool.

Grinding tool.

Gripping, crushing or cutting tool.

Hand-operated tool.

Hand tool.

Hog ring clinching tool.

Honing tool.

Ice removing tool.

Impact tool.

Insulation stripping tool.

Jarring tool.

Key cutting tool.

Lasting tool.

Lawn tool.

Lay-out checking and finishing tool.

Machine tool.

Manually operated tool.

Metal and wood surfacing tool.

Metal cutting tool.

Multiple rolling tool.

Tool. C. O. Bibb. 2,035,293; Mar. 24.

Tool. L. F. Black. 2,064,457; Dec. 15.

Tool. C. O. Carlson. 2,049,049; July 28.

Tool. C. O. Carlson. 2,065,488; Dec. 22.

Tool. C. J. Fancher. 2,033,134; Mar. 10.

Tool. C. J. Fancher. 2,048,603; July 21.

Tool. A. B. Kinzel. 2,055,769; Sept. 29.

Tool. W. P. Kliment. 2,038,116; Apr. 21.

Tool. A. M. Parvin. 2,033,892; Mar. 10.

Tool. J. Rosten. 2,032,767; Mar. 3.

Tool adjusting mechanism, Cylinder grinding. H. W. Zimmerman. 2,063,217; Dec. 8.

Tool and making same. M. G. Krag. 2,065,898; Dec. 29.

Tool and making the same, Cutting. F. O. Jaques. 2,041,347; May 19.

Tool and method, Watchmaker's. E. M. Richardson. 2,029,194; Jan. 28.

Tool and mounting, Portable power. A. W. Mall. 2,062,520; Dec. 1.

Tool and tool holder. J. H. Smith. 2,059,496; Nov. 3.

Tool attachment, Soldering. I. Rusk. 2,058,634; Oct. 27.

Tool bit and holder therefor. O. Severson. 2,037,346; Apr. 14.

Tool blowing device, Percussive. W. A. Smith, Jr. 2,046,659; July 7.

Tool carrier. G. H. Leland. 2,051,954; Aug. 25.

Tool construction, Well. J. H. Howard and A. C. Catland. 2,058,155; Oct. 20.

Tool control, Well. W. C. Erwin and C. H. Sweet. 2,059,628; Nov. 3.

Tool driving system, Machine. K. A. Munson. 2,036,821; Apr. 7.

Tool for affixing elastic tubular handgrips to the shafts of golf clubs. E. E. Hall. 2,038,840; Apr. 28.

Tool for and method of producing gears. A. L. De Leeuw. 2,063,492; Dec. 8.

Tool for applying seal caps. J. W. Shera. 2,034,776; Mar. 24.

Tool for applying travelers to the rings of twisting machines and the like. H. E. Johns. 2,055,440; Sept. 22.

Tool for assembling ophthalmic mountings. E. L. Schumacher. 2,045,372; June 23.

Tool for cementing wells, Plug back. S. Q. Bates. 2,064,336; Dec. 15.

Tool for cleaning tubes. R. Russell. 2,038,004; Apr. 21.

Tool for concrete formwork. T. S. Thomsen. 2,060,646; Nov. 10.

Tool for cream separators, Disk removing. W. H. Harstick. 2,037,979; Apr. 21.

Tool for cutting grass, weeds, and the like, Hand. J. L. Green, Sr. 2,028,659; Jan. 21.

Tool for derinding fruit. J. Leitsuh. 2,054,480; Sept. 15.

Tool for dressing grinding-wheels. F. E. Koebel. 2,047,147; July 7.

Tool for extremely hard alloys, Grinding. P. Voegell-Jaggi. 2,051,558; Aug. 18.

Tool for forming joints in tubing. T. Briegel. 2,035,686; Mar. 31.

Tool for gauging and measuring, Universal. R. H. Ducey. 2,042,213; May 26.

Tool for grinding conical bearings. G. W. Holcomb. 2,054,159; Sept. 15.

Tool for joining the ends of iron bands. E. Timmerbell. 2,040,576; May 12.

Tool for lapping valve seats. H. A. Berkman. 2,029,753; Feb. 4.

Tool for lock cylinders, Assembly. R. W. Griffith. 2,031,159; Feb. 18.

Tool for making snap fasteners for bag frames. E. W. Schantz. 2,030,406; Feb. 11.

Tool for metal cutting machines. C. B. Gray. 2,064,796; Dec. 15.

Tool for multiple operations, Composite machine. E. J. Kingsbury. 2,051,720; Aug. 18.

Tool for oil wells and the like, Formation testing. H. E. Philp. 2,034,957; Mar. 24.

Tool for opening automobile doors. F. J. Wycaver. 2,027,009; Jan. 7.

Tool for packing material against the inner wall of a tubular member. R. W. Briggs. 2,050,645; Aug. 11.

Tool for preparing belt ends. J. C. Olsen. 2,031,977; Feb. 25.

Tool for refrigerator trays. C. C. Thomas. 2,048,233; July 21.

Tool for removing or inserting bushings, bearings, or the like. A. Ullmo. 2,036,782; Apr. 7.

Tool for removing ridges from cylinder walls. L. O. Beard. 2,046,241; June 30.

Tool for removing staples. W. G. Pankonin. 2,033,050; Mar. 3.

Tool for rolling multiple bearing surfaces. G. R. Maupin. 2,045,787; June 30.

Tool for seaming sheet metal. C. R. Schlicht. 2,036,725; Apr. 7.

Tool for securing small metal screws in threaded position. F. A. Stevens. 2,036,553; Apr. 7.

Tool for sewing the neck closures of fabric sacks, Hand. P. M. Wood. 2,055,165; Sept. 22.

Tool for shoe shanks and soles, Buffing. P. Lauretti. 2,039,723; May 5.

Tool for the impression of metals or the like materials, Pressing. P. C. Christiansen. 2,048,598; July 21.

Tool for trimming piston rings and the like. J. Zilliox. 2,055,373; Sept. 22.

Tool for turning screw-stoppers or caps, Hand. J. P. L. Hodson. 2,057,949; Oct. 20.

Tool for use in pipes. J. J. Flavin. 2,038,170; Apr. 21.

Tool for use with millboard, wallboard, and other like material, Cutting. E. Chalmer. 2,038,884; Apr. 28.

Tool for valve seats, Refacing. L. O. Beard. 2,041,587; May 19.



- Tool handle. J. L. Osgood. 2,056,054; Sept. 29.  
 Tool handle, Fastening. D. W. Winzeler. 2,031,141; Feb. 18.  
 Tool head. C. H. Howland-Shearman. 2,039,849; May 5.  
 Tool holder. C. S. Gates. 2,037,681; Apr. 14.  
 Tool holder. J. E. McNeill. 2,043,442; June 9.  
 Tool holder. J. E. Poorman. 2,047,222; July 14.  
 Tool holder. M. J. Schlitters. 2,034,118; Mar. 17.  
 Tool holder. T. B. Tiefenbacher. 2,035,999; Mar. 31.  
 Tool holder. L. A. Wellington. 2,032,965; Mar. 3.  
 Tool holder. H. Wiener. 2,034,453; Mar. 17.  
 Tool holder, Adjustable. A. Subia. 2,043,598; June 9.  
 Tool holder and guide. K. W. Holmberg. 2,035,163; Mar. 24.  
 Tool holder, Offset side supported. O. Severson. 2,031,334; Feb. 18.  
 Tool hydraulic control system, Machine. E. K. Morgan. 2,051,052; Aug. 18.  
 Tool joint and making same. W. L. Childs and G. G. Harrington. 2,054,118; Sept. 15.  
 Tool joint cut-off device. L. G. Gates, H. N. Herrick, O. A. Cavins, and W. R. Postlewaite. 2,041,061; May 19.  
 Tool, Making a. F. O. Jaques. 2,041,345; May 19.  
 Tool, Making an abrasive cutting. F. O. Jacques. 2,041,346; May 19.  
 Tool mechanism, Machine. M. Romaine and E. G. Roehm. 2,033,449; Mar. 10.  
 Tool metal working apparatus, Stationary. E. C. Bullard. 2,044,496; June 16.  
 Tool organization, Machine. E. D. Vancil and F. S. Haas. 2,033,406; Mar. 10.  
 Tool retainer. J. C. Curtis. 2,042,926; June 2.  
 Tool securing device. S. R. Fike. 2,046,815; July 7.  
 Tool set and container therefor. W. F. Costello. 2,030,138; Feb. 11.  
 Tool slide assembly. G. F. Yager. 2,034,645; Mar. 17.  
 Tool support for turret lathes, Supplementary. M. S. Curtis. 2,027,901; Jan. 14.  
 Tool transmission and control, Machine. J. B. Armitage. 2,047,162; July 7.  
 Tool unit, Machine. E. J. Svenson. 2,036,162; Mar. 31.  
 Tool unit with double feeding system, Machine. E. J. Kingsbury. 2,053,398; Sept. 8.  
 Tool, washer, and strap connection, Combined seating. A. C. Horner. 2,046,949; July 7.  
 Tool with rolling cutters, Earth boring. J. A. Zublin. 2,050,989; Aug. 11.  
 Tool with rolling cutters, Rotary earth boring. J. A. Zublin. 2,050,988; Aug. 11.  
 Tools, Adjustment of the carriage of machine. H. Lindner. 2,043,625; June 9.  
 Tools, Apparatus for controlling operation of. C. A. Bickel. 2,052,441; Aug. 25.  
 Tools, Appliance for reseating. M. Spitz. 2,051,580; Aug. 18.  
 Tools, Backlash compensator for machine. C. B. De Vlieg. 2,059,091; Oct. 27.  
 Tools, Construction of machine. R. S. Perry, J. R. Johnson, and A. Oberhoffen. 2,028,727; Jan. 21.  
 Tools, Device for suspending. D. J. Reed. 2,039,114; Apr. 28.  
 Tools, dies, etc., Making cutting. C. A. Laise. 2,044,853; June 23.  
 Tools in holders, Device for loading. S. A. Cogsdill. 2,040,978; May 19.  
 Tools—means for connecting the cutter to the holder, Metalworking. E. Gairing. 2,057,143; Oct. 13.  
 Tools such as hammers and pile drivers, Percussive. D. M. Wilcox. 2,027,080; Jan. 7.  
 Tooth, Artificial. L. M. Valbuena. 2,060,478; Nov. 10.  
 Toothbrush. S. Braunstein. 2,028,042; Jan. 14.  
 Tooth brush. H. Brown. 2,047,613; July 14.  
 Toothbrush. R. A. Crawford. 2,040,245; May 12.  
 Tooth brush. W. Dressler. 2,051,687; Aug. 18.  
 Toothbrush. M. W. Gano, Jr. 2,063,801; Dec. 8.  
 Tooth brush. J. G. Fell. 2,056,447; Oct. 6.  
 Tooth brush. C. W. Fuller. 2,053,905; Sept. 8.  
 Toothbrush. J. A. Malcolm. 2,043,898; June 9.  
 Tooth brush. A. J. Planding. 2,042,239; May 26.  
 Tooth brush. G. S. Rosenberg. 2,059,914; Nov. 3.  
 Tooth brush. S. Rothschild. 2,059,035; Oct. 27.  
 Tooth brush. G. Trattner and C. E. Kovach. 2,066,241; Dec. 29.  
 Tooth brush and dentifrice case. E. M. Pinkham. 2,034,595; Mar. 17.  
 Tooth brush and manufacture thereof. S. V. Laub and H. L. Kegler. 2,035,709; Mar. 31.  
 Tooth brush and powder container. A. E. Ley. 2,061,430; Nov. 17.  
 Tooth brush and tooth paste holder. F. M. Bouchard. 2,065,641; Dec. 29.  
 Tooth brush, Bamboo. T. Nishio. 2,036,354; Apr. 7.  
 Tooth brush, Fountain. D. W. Hamel. 2,053,145; Sept. 1.  
 Toothbrush, Fountain. J. G. Kinkade. 2,033,197; Mar. 10.  
 Tooth brush holder. W. S. Halstead. 2,051,847; Aug. 25.  
 Tooth brush holder. E. H. Koch. 2,038,941; Apr. 28.  
 Tooth brush holder, Sanitary. A. F. Borba. 2,046,606; July 7.  
 Tooth brush holder, Sanitary. L. Fahn. 2,037,569; Apr. 14.  
 Toothbrush holder, Sanitary. C. V. and L. W. Lindbloom. 2,031,115; Feb. 18.  
 Tooth brush receptacle, Sterilizing. M. T. Hanke. 2,027,428; Jan. 14.  
 Tooth brush, Rotary. V. B. Bagnall. 2,044,344; June 16.  
 Tooth brush, Rotating. A. H. Flournoy. 2,059,330; Nov. 3.  
 Tooth brush, Vibrating. W. F. Sticht. 2,044,863; June 23.  
 Tooth construction, Artificial. B. L. Brooks. 2,054,781; Sept. 15.  
 Tooth curve for rotors and gears. M. F. Hill. 2,031,888; Feb. 25.  
 Tooth extracting implement, Dentist's. S. T. Caruso. 2,027,470; Jan. 14.  
 Tooth mounting for dental models, Removable. R. N. Torp. 2,042,200; May 26.  
 Tooth paste and making same. P. J. Breivogel. 2,052,694; Sept. 1.  
 Toothpaste dispenser. H. D. and D. H. Cassanos. 2,053,697; Sept. 8.  
 Tooth paste dispensing device. F. Peddie, W. C. Bentley, and S. N. Israel. 2,059,391; Nov. 3.  
 Toothpick. J. A. Doll. 2,035,425; Mar. 24.  
 Toothpick dispenser. J. L. Young. 2,044,929; June 23.  
 Tooth point, Laminated. D. Graham. 2,032,875; Mar. 3.  
 Tooth powder dispenser. A. M. Richert. 2,054,522; Sept. 15.  
 Tooth setting device for band saw blades. O. T. S. Madson. 2,057,439; Oct. 13.  
 Toothed friction facing. M. F. Judd. 2,057,954; Oct. 20.  
 Top, Concealable. H. Serisky. 2,034,212; Mar. 17.  
 Top for automobile rumble seats. L. Lewis. 2,058,806; Oct. 27.  
 Top for container, Handy. F. C. Groman. 2,061,462; Nov. 17.  
 Top for containers. H. Schacher. 2,033,256; Mar. 10.  
 Top for containers, Dispensing. R. V. Burdick. 2,037,116; Apr. 14.  
 Top for powder holders, Dispensing. W. J. Bauer. 2,035,290; Mar. 24.  
 Top for rumble seats. C. F. Hamel. 2,038,490; Apr. 21.  
 Top for rumble seats for automobiles. B. S. Rinker and M. W. F. Speers. 2,065,027; Dec. 22.  
 Top for tubular containers, Spreader. D. Fitz-Gibbon. 2,034,137; Mar. 17.  
 Top, Sifter. A. Limbach. 2,042,068; May 26.  
 Top, Spinning. W. Hacker. 2,034,293; Mar. 17.  
 Top, Spinning. G. F. Humphrey. 2,058,692; Oct. 27.  
 Top, Spinning. W. L. Jones. 2,030,302; Feb. 11.  
 Top, Spinning. E. S. Savage. 2,051,748; Aug. 18.  
 Top with a hollow stem and a rotatably connected object. B. A. Canter. 2,060,029; Nov. 10.  
 Torch apparatus, Welding. W. R. Ost and H. G. Hughey. 2,040,062; May 5.  
 Torch, Automatic blast. S. C. Brody. 2,038,411; Apr. 21.  
 Torch, Automatic blast. S. C. Brody. 2,052,276; Aug. 25.  
 Torch for welding seams along curving surfaces. J. L. Anderson. 2,031,583; Feb. 25.  
 Torch, High temperature. A. Rava. 2,043,867; June 9.  
 Torch, High temperature. A. Rava. 2,052,796; Sept. 1.  
 Torch machine, Universal. J. L. Anderson. 2,040,914; May 19.  
 Torpedo. J. H. Hammond, Jr. 2,060,202; Nov. 10.  
 Torpedo. J. H. Hammond, Jr. 2,060,205-6; Nov. 10.  
 Torpedo, Galvanic tail. J. H. Hammond, Jr. 2,038,997; Apr. 28.  
 Torpedo, Track. L. A. Sherman. 2,061,854; Nov. 24.  
 Torpedo, Variable speed. J. H. Hammond, Jr. 2,042,987; June 2.  
 Torque amplifying system. E. F. W. Alexanderson. 2,027,140; Jan. 7.  
 Torque control for aircraft, Automatic. C. A. Bragunier. 2,057,877; Oct. 20.  
 Torque converter. G. A. Klimek. 2,033,474-5; Mar. 10.  
 Torque loading device. C. Criswell. 2,057,136; Oct. 13.  
 Torque loading lash adjusting device for friction roller transmissions. W. D. Gove and J. Dolza. 2,030,203; Feb. 11.  
 Torque mechanism. P. A. Kinzie. 2,059,366; Nov. 3.  
 Torque motor. E. S. Taylor. 2,030,277; Feb. 11.  
 Torque reaction device for brakes. R. G. De La Mater. 2,061,866; Nov. 24.  
 Torque testing apparatus. G. R. Anderson. 2,028,374; Jan. 21.  
 Torque transmission mechanism. A. B. Webb. 2,052,152; Aug. 25.  
 Torque transmitting mechanism. S. P. Watt. 2,027,798; Jan. 14.  
 Torque tube support. O. H. Banker. 2,032,863; Mar. 3.  
 Torsion testing mechanism. R. B. Lewis. 2,042,231; May 26.  
 Tortilla machine. A. J. Pereyra. 2,055,205; Sept. 22.  
 Total taking mechanism. G. F. Daly. 2,063,489; Dec. 8.  
 Totalizer. H. D. Black and A. A. C. Degen. 2,032,972; Mar. 3.  
 Totalizer controlling mechanism. E. Bretling. 2,039,143; Apr. 28.  
 Totalizer, Electric. F. T. Belas and J. W. McClew. 2,031,298; Feb. 18.  
 Totalizing device. F. B. Troutman. 2,049,634; Aug. 4.  
 Tourniquet. K. W. Buschenfeldt. 2,045,750; June 30.  
 Tow bar. W. G. Shipman. 2,050,468; Aug. 11.  
 Towing lift. H. B. Pearson, N. J. England, and J. A. Mad-den. 2,045,793; June 30.  
 Towel, Dish. S. J. Le Fevre. 2,033,840; Mar. 10.  
 Towel dispensing apparatus, Paper. R. G. Birr and A. C. Grunwald. 2,051,242; Aug. 18.  
 Towel holder. J. S. Bear. 2,039,620; May 5.



- Towel holder. H. D. Lawson. 2,049,964; Aug. 4.  
Towel or cloth holder. W. H. Ayre and G. Edley. 2,051,068; Aug. 18.  
Towel, Paper. C. P. Winter. 2,050,030; Aug. 4.  
Towel, Paper. C. P. Winter and D. A. Rosenthal. 2,027,258; Jan. 7.  
Towel rack. A. J. Chmurski. 2,030,498; Feb. 11.  
Towel rack. C. S. Comstock. 2,052,606; Sept. 1.  
Towel rack. H. P. Martel. 2,060,630; Nov. 10.  
Towel rod. C. S. Comstock. 2,063,585; Dec. 8.  
Towel vending machine. H. F. Mayfield. 2,030,525; Feb. 11.  
Towels, Folding. J. P. Remington. 2,034,771; Mar. 24.  
Tower, Cooling. J. P. Barry. 2,060,275; Nov. 10.  
Tower, Cooling. L. T. Mart. 2,052,783; Sept. 1.  
Tower, Distillation. V. M. Chatfield. 2,045,518; June 23.  
Tower gas washer. A. J. Ebner and O. R. Rice. 2,054,315; Sept. 15.  
Tower, Hoisting. R. V. Payne. 2,066,221; Dec. 29.  
Tower, Separating. A. L. Forbes, Jr., and C. O. Byrne. 2,054,124; Sept. 15.  
Toxic antifouling material. L. C. Hurd. 2,041,130; May 19.  
Toxic spray compound. F. F. Lindstaedt. 2,056,529; Oct. 6.  
Toxins from roots for the manufacture of insecticides. Extraction of. H. G. Ward. 2,056,438; Oct. 6.  
Toy. F. Bischof, Jr. 2,065,208; Dec. 22.  
Toy. N. E. Burris. 2,056,090; Sept. 29.  
Toy. R. F. Dalton. 2,061,695; Nov. 24.  
Toy. E. H. Dammeyer. 2,032,871; Mar. 3.  
Toy. C. J. Ekberg. 2,059,447; Nov. 3.  
Toy. R. P. F. Ferber. 2,035,308; Mar. 24.  
Toy. J. R. Furey. 2,036,328; Apr. 7.  
Toy. O. A. Langos. 2,058,241; Oct. 20.  
Toy. C. Martin. 2,039,731; May 5.  
Toy. L. Marx. 2,040,522; May 12.  
Toy. E. P. O'Donnell. 2,052,841; Sept. 1.  
Toy. N. C. Stilwell. 2,038,769; Apr. 28.  
Toy. W. D. Torme. 2,035,624; Mar. 31.  
Toy. W. J. Van Deest. 2,031,240; Feb. 18.  
Toy. R. W. Weeks. 2,036,662; Apr. 7.  
Toy. F. I. Wheeler, Jr. 2,032,192; Feb. 25.  
Toy. W. J. Wiczorek. 2,052,913; Sept. 1.  
Toy. J. F. Winnemore. 2,049,097; July 28.  
Toy, Aeronautical. J. K. Northrop. 2,051,151; Aug. 18.  
Toy aeroplane. W. E. Back. 2,030,347; Feb. 11.  
Toy aeroplane. C. R. Butcher. 2,035,531; Mar. 31.  
Toy aeroplane and control therefor. M. Sampson. 2,061,953; Nov. 24.  
Toy, Aircraft. S. N. Holman. 2,034,298; Mar. 17.  
Toy airplane. G. Boehme. 2,055,620; Sept. 29.  
Toy airplane. J. L. Hunt. 2,042,715; June 2.  
Toy airplane. J. M. H. Jacobs. 2,034,143; Mar. 17.  
Toy airplane. W. Kramer. 2,031,419; Feb. 18.  
Toy airplane. P. K. McGall. 2,059,131; Oct. 27.  
Toy and game apparatus. R., R. G. W., and B. Cramp. 2,028,139; Jan. 21.  
Toy and the like. S. S. Schmidt. 2,047,748; July 14.  
Toy, Animated. W. D. Torme. 2,035,553; Mar. 24.  
Toy, Animated. C. B. Wincote. 2,054,567; Sept. 15.  
Toy, Animated mechanical. G. M. Steel. 2,029,744; Feb. 4.  
Toy apparatus, Sounding. F. J. Palombo, Sr., and F. J. Palombo, Jr. 2,065,823; Dec. 29.  
Toy, Audible mechanical. E. E. Weiss. 2,038,460; Apr. 21.  
Toy automobile. M. S. Lower. 2,035,081; Mar. 24.  
Toy boat. V. and M. L. Goldberg. 2,028,543; Jan. 21.  
Toy bombing plane. L. T. E. Thompson. 2,059,418; Nov. 3.  
Toy, Book-like. M. Eaton. 2,032,531; Mar. 3.  
Toy building construction. N. I. Paulson. 2,059,598; Nov. 3.  
Toy car. S. A. Young. 2,049,345; July 28.  
Toy carousal, Mobile. C. A. Sumwalt. 2,054,396; Sept. 15.  
Toy, Clapping. J. Nighor. 2,033,585; Mar. 10.  
Toy, Climbing. J. V. Irenius. 2,064,119; Dec. 15.  
Toy, Construction. C. T. Drumpelmann. 2,061,510; Nov. 17.  
Toy construction unit. M. A. A. Fay. 2,057,942; Oct. 20.  
Toy, Constructional. R. Ogden. 2,031,848; Feb. 25.  
Toy corner block construction. F. E. and F. D. Jones. 2,041,069; May 19.  
Toy, Dancing doll. R. G. Tahsler. 2,066,239; Dec. 29.  
Toy, Educational. H. F. Samstag. 2,049,178; July 28.  
Toy electric train apparatus. H. C. Stearns. 2,058,523; Oct. 27.  
Toy, Electrically lighted gasoline station. L. Marx. 2,040,521; May 12.  
Toy elements consisting of tubes, plates and connecting pieces. Constructional. J. F. Kennedy. 2,042,007; May 26.  
Toy, Figure. F. Anderson. 2,027,759; Jan. 14.  
Toy, Figure wheeled. J. Dombrowski. 2,035,870; Mar. 31.  
Toy firearm. R. and K. Tomita. 2,059,062; Oct. 27.  
Toy firearm, Siren equipped. L. Marx. 2,053,672; Sept. 8.  
Toy fire house. L. Marx. 2,050,892; Aug. 11.  
Toy fish, Self propelled. A. Lee. 2,065,337; Dec. 22.  
Toy, Game. L. R. Paul and S. E. Witt. 2,047,744; July 14.  
Toy garage. M. Fleishman and J. W. K. Heppner. 2,036,802; Apr. 7.  
Toy gasoline pump. W. J. Pflaum. 2,059,602; Nov. 3.  
Toy, Glider. J. H. Kleinberg. 2,035,131; Mar. 24.  
Toy gun. J. Betty. 2,031,359; Feb. 18.  
Toy gun. O. J. Caron. 2,054,719; Sept. 15.  
Toy gun. H. C. Grawunder. 2,065,580; Dec. 29.  
Toy gun. B. F. Kiesel. 2,053,152; Sept. 1.  
Toy gun. C. F. Lefever. 2,055,900; Sept. 29.  
Toy gun for projecting aeroplanes. W. J. Rottner. 2,029,036; Jan. 28.  
Toy, Gyration. K. Arnold. 2,062,490; Dec. 1.  
Toy hand car. P. E. E. Coderre. 2,052,447; Aug. 25.  
Toy horse racing game. J. L. Entwistle. 2,062,168; Nov. 24.  
Toy, Inflatable. H. R. Gill. 2,027,225; Jan. 7.  
Toy locomotive. A. C. Gilbert. 2,030,201; Feb. 11.  
Toy locomotive, train and track. H. E. Thompson. 2,031,195; Feb. 18.  
Toy machine gun. E. C. Mitchell. 2,031,842; Feb. 25.  
Toy, Mechanical. K. Arnold. 2,062,046; Nov. 24.  
Toy, Mechanical. M. Schmid. 2,051,749; Aug. 18.  
Toy, Mechanical paddle canoe. O. J. F. Jacobson. 2,060,619; Nov. 10.  
Toy mechanical shovel. T. R. Arden. 2,028,582; Jan. 21.  
Toy menagerie cage. A. Bernasconi. 2,028,377; Jan. 21.  
Toy, Motorized construction. H. Pelton. 2,044,735; June 16.  
Toy, Movable. A. L. Petrone. 2,033,051; Mar. 3.  
Toy or display device. K. Riesz. 2,026,913; Jan. 7.  
Toy or game. C. A. Philippi. 2,036,076; Mar. 31.  
Toy, Parachute. J. Juhlin. 2,039,597; May 5.  
Toy parachute device. F. V. Moore and A. B. Johnson. 2,042,270; May 26.  
Toy, Percussion. M. L. Wiener. 2,032,161; Feb. 25.  
Toy piano. I. Marks. 2,052,890; Sept. 1.  
Toy pistol. G. M. Jenswold and H. De Weert. 2,026,889; Jan. 7.  
Toy pistol. E. S. Peake. 2,046,652; July 7.  
Toy pistol, Automatic. E. Larson. 2,061,471; Nov. 17.  
Toy pursuit car. L. Marx. 2,055,848; Sept. 29.  
Toy, Railroad. L. Marx. 2,055,846; Sept. 29.  
Toy railroad depot with crossing gate. L. Marx. 2,035,487; Mar. 31.  
Toy railroad track and electric wire terminals therefor. F. C. Ziesenheim. 2,036,312; Apr. 7.  
Toy railway. W. B. Ritchie and R. L. Delano. 2,044,737; June 16.  
Toy railway track switch. W. F. Hafner. 2,060,069; Nov. 10.  
Toy, Riding. L. Strohacker. 2,065,034; Dec. 22.  
Toy road scraper. J. V. and A. M. Watt. 2,031,751; Feb. 25.  
Toy, Sound producing. S. Krakowski. 2,047,784; July 14.  
Toy, Sounding. L. R. Keller. 2,052,406; Aug. 25.  
Toy, Sounding wheeled. H. T. Kingsbury. 2,045,032; June 23.  
Toy, Spinning. G. Savich. 2,039,609; May 5.  
Toy, Suspension rubber. L. D. Miller. 2,028,797; Jan. 28.  
Toy target. C. F. Cookson. 2,029,059; Jan. 28.  
Toy telephone. H. Bregman. 2,066,064-5; Dec. 29.  
Toy telephone. W. J. Pflaum. 2,059,603; Nov. 3.  
Toy torpedo. E. Cowles. 2,033,105; Mar. 3.  
Toy train chassis, Child's. H. A. Decker. 2,035,302; Mar. 24.  
Toy trip hammer. C. J. Olson. 2,046,038; June 30.  
Toy, Trundling. W. T. Lindeman. 2,038,664; Apr. 28.  
Toy typewriter. H. Bates. 2,061,342; Nov. 17.  
Toy valise. L. S. Bigelow. 2,040,974; May 19.  
Toy vehicle. J. L. Bonanno. 2,039,055; Apr. 28.  
Toy vehicle. J. L. Bonanno. 2,052,863; Sept. 1.  
Toy vehicle. J. Ferrigno. 2,045,983; June 30.  
Toy vehicle. H. Kister. 2,040,005; May 5.  
Toy vehicle. R. Lohr. 2,064,309; Dec. 15.  
Toy, Walking. F. R. B. Whitehouse. 2,029,849; Feb. 4.  
Toy weapon, Futuristic. L. Marx. 2,055,847; Sept. 29.  
Toy, Wheeled. M. Levy. 2,027,049; Jan. 7.  
Toy, Wheeled. N. H. Nelson. 2,034,824; Mar. 24.  
Tracer control for material working machines. R. Bingel and H. Weinert. 2,046,013; June 30.  
Tracing device. J. L. Anderson. 2,042,492; June 2.  
Tracing device, more especially for cutting machines. D. L. Smith. 2,059,755; Nov. 3.  
Tracheotomy tube. W. F. Brehm. 2,039,142; Apr. 28.  
Track adjustment for track type tractors. D. B. Baker, C. R. Rogers, and N. O. Panzegrav. 2,054,533; Sept. 15.  
Track and track-switch heater, Railway. W. P. Scholz. 2,057,506; Oct. 13.  
Track bracket. W. A. Beauchamp. 2,060,720; Nov. 10.  
Track circuit apparatus, Railway. H. D. Abernethy. 2,040,969; May 19.  
Track circuit apparatus, Railway. A. E. Dodd. 2,063,300; Dec. 8.  
Track circuit apparatus, Railway. A. E. Dodd. 2,064,420; Dec. 15.  
Track circuit apparatus, Railway. P. N. Martin. 2,059,888; Nov. 3.  
Track circuit apparatus, Railway. P. N. Martin. 2,062,521; Dec. 1.  
Track-clearing implement. E. B. Meyer. 2,061,585; Nov. 24.



- Track construction, Railway. P. M. Reis. 2,051,619; Aug. 18.
- Track device, Railway safety automatic. H. W. Poynter. 2,051,742; Aug. 18.
- Track for laying vehicles. H. A. Knox. 2,059,247; Nov. 3.
- Track for motor vehicles, Elevated. W. L. Hamilton. 2,059,693; Nov. 3.
- Track for the wheels of vehicles. J. M. Colby. 2,043,233-5; June 9.
- Track for torch carriages. J. L. Anderson; 2,050,147; Aug. 4.
- Track for toy-vehicles. E. Horn. 2,052,228; Aug. 25.
- Track for track laying tractors, Rubber. E. A. Johnston. 2,037,983; Apr. 21.
- Track for track-laying vehicles. G. M. Barnes. 2,065,508; Dec. 29.
- Track for tracklaying vehicles. J. A. Dorst. 2,064,890; Dec. 22.
- Track for track laying wheels. J. Kuchar. 2,041,839; May 26.
- Track for track laying wheels. J. Kuchar. 2,053,087-8; Sept. 1.
- Track for track type tractors. E. A. Johnston. 2,040,696; May 12.
- Track handling machine. G. J. Holt and W. Longevin. 2,050,179; Aug. 4.
- Track instrument. L. M. Gibbs. 2,046,157; June 30.
- Track laying and picking-up machine and method. R. Stauffer. 2,061,110; Nov. 17.
- Track mechanism, Endless. G. C. Jett. 2,035,703; Mar. 31.
- Track recorder mechanism. L. F. Carter. 2,058,564; Oct. 27.
- Track roller assembly. D. B. Baker and C. R. Rogers. 2,054,532; Sept. 15.
- Track shoes, Forming. J. G. Heaslet. 2,037,415; Apr. 14.
- Track shoes, Providing. I. Lindberg. 2,039,012; Apr. 28.
- Track shunting apparatus. B. E. O'Hagan. 2,057,159; Oct. 13.
- Track shunting apparatus. P. P. Sosinski. 2,046,908; July 7.
- Track structure, Endless. R. E. Choate and E. F. Jirsa. 2,050,274; Aug. 11.
- Track structure, Endless. E. H. Schultz. 2,063,762; Dec. 8.
- Track tensioning device. J. A. Dorst. 2,059,213; Nov. 3.
- Track unit for railroads, Cross-over. W. F. Hafner. 2,048,378; July 21.
- Track working machine. F. C. Stowell. 2,041,876; May 26.
- Tracking device for gramophone sound recording attachments. A. Democratis. 2,061,224; Nov. 17.
- Tracks for cars, aircraft, and the like, Overhead. H. Fraser. 2,055,971; Sept. 29.
- Traction adjusting device for vehicles. H. Endres. 2,051,990; Aug. 25.
- Traction, Creeping. H. E. Bauer, M. L. Fykse, T. Davidson, and B. L. Lonngren. 2,035,858; Mar. 31.
- Traction increasing means. J. L. Earl. 2,035,115; Mar. 24.
- Traction machine. A. Ronning. 2,046,429; July 7.
- Traction mat. J. Turulis. 2,058,192; Oct. 20.
- Traction wheel unit. W. H. Baker. 2,039,513; May 5.
- Tractor. T. Brown. 2,031,758; Feb. 25.
- Tractor. T. Brown. 2,057,935; Oct. 20.
- Tractor. E. A. Cross. 2,035,867; Mar. 31.
- Tractor. H. S. Eberhard. 2,031,303; Feb. 18.
- Tractor. H. S. Eberhard. 2,034,135; Mar. 17.
- Tractor. A. J. Hersey and C. L. Madden. 2,064,205; Dec. 15.
- Tractor. G. W. Hopkins, Jr. 2,048,697; July 28.
- Tractor. E. W. Johnson and N. J. Buck. 2,046,560; July 7.
- Tractor. E. A. Johnston. 2,031,317; Feb. 18.
- Tractor. J. W. Jones. 2,046,517; July 7.
- Tractor. A. E. McCoy. 2,065,598; Dec. 29.
- Tractor. A. T. Shere. 2,057,211; Oct. 13.
- Tractor. O. L. Starr. 2,049,672; Aug. 4.
- Tractor. O. L. Starr. 2,051,186; Aug. 18.
- Tractor. E. E. Wickersham. 2,034,125; Mar. 17.
- Tractor, Agricultural. L. Dufour. 2,035,150; Mar. 24.
- Tractor, Agricultural. L. Dufour. 2,058,964; Oct. 27.
- Tractor and plow coupling. S. S. Horner. 2,054,751; Sept. 15.
- Tractor and trailer coupling. J. S. Edwards. 2,056,262; Oct. 6.
- Tractor, Ankle-tread. R. MacEachen. 2,053,294; Sept. 8.
- Tractor attachment. C. L. Ebing. 2,050,936; Aug. 11.
- Tractor, Farm. P. M. Marshall. 2,059,261; Nov. 3.
- Tractor, Farm. C. T. Ray. 2,051,896; Aug. 25.
- Tractor frame suspension. E. F. Norelius and W. H. Yount. 2,049,858; Aug. 4.
- Tractor governor control. H. E. Altgelt. 2,036,670; Apr. 7.
- Tractor guide. O. Massey. 2,060,740; Nov. 10.
- Tractor guide. W. Oldendorf. 2,059,140; Oct. 27.
- Tractor guide. L. Salzman. 2,035,839; Mar. 31.
- Tractor hitch, Clutch controlling. J. Albrecht. 2,046,358; July 7.
- Tractor hoist. N. C. Storey. 2,054,608; Sept. 15.
- Tractor implement. H. A. Kolterman. 2,046,466; July 7.
- Tractor mower. S. E. Hilblom. 2,044,169; June 16.
- Tractor power lift and implement. H. E. Altgelt. 2,059,676; Nov. 3.
- Tractor shoe, Apparatus for producing an improved forged steel. E. J. Strong. 2,064,956; Dec. 22.
- Tractor shoe, Method and apparatus for producing an improved forged steel. E. J. Strong. 2,064,957; Dec. 22.
- Tractor, Spading wheel. K. Hoepfner. 2,039,166; Apr. 28.
- Tractor stalk cutter and plow. W. F. Sanders. 2,052,114; Aug. 25.
- Tractor, Track type. E. A. Johnston and D. B. Baker. 2,048,983; July 28.
- Tractor-trailer coupling mechanism. G. H. Connors. 2,053,132; Sept. 1.
- Tractor wheel. J. Donderer. 2,041,460; May 19.
- Tractor wheel. W. H. Ledbetter. 2,052,097; Aug. 25.
- Tractor wheel. W. Maxwell. 2,032,293; Feb. 25.
- Tractor wheel tread. W. C. Johnston. 2,037,136; Apr. 14.
- Tractor, Wind propelled. C. A. Rettman. 2,047,155; July 7.
- Tractors and trailers, Connection mechanism for. C. E. Bradshaw. 2,053,812; Sept. 8.
- Traffic actuated device. A. O. Olafson. 2,060,890; Nov. 17.
- Traffic control apparatus. E. F. Critchlow. 2,060,798; Nov. 17.
- Traffic control system. V. Durbin. 2,051,369; Aug. 18.
- Traffic control system and apparatus. F. G. Kelly, Jr. 2,044,907; June 23.
- Traffic control system, Centralized. R. C. Leake. 2,042,670; June 2.
- Traffic control, Train. H. W. Richards. 2,052,581; Sept. 1.
- Traffic controlling apparatus, Railway. E. M. Allen. 2,046,049; June 30.
- Traffic controlling apparatus, Railway. E. M. Allen. 2,049,485; Aug. 4.
- Traffic controlling apparatus, Railway. E. M. Allen. 2,053,888-9; Sept. 8.
- Traffic controlling apparatus, Railway. E. M. Allen and C. A. Brooks. 2,056,817; Oct. 6.
- Traffic controlling apparatus, Railway. E. M. Allen and H. S. Young. 2,027,715; Jan. 14.
- Traffic controlling apparatus, Railway. C. W. Bell. 2,044,241; June 16.
- Traffic controlling apparatus, Railway. C. A. Brooks. 2,062,048; Nov. 24.
- Traffic controlling apparatus, Railway. P. H. Crago and A. E. Dodd. 2,061,756; Nov. 24.
- Traffic controlling apparatus, Railway. C. W. Failor. 2,043,740; June 9.
- Traffic controlling apparatus, Railway. C. H. Lay. 2,049,912; Aug. 4.
- Traffic controlling apparatus, Railway. R. A. McCann. 2,042,904; June 2.
- Traffic controlling apparatus, Railway. R. A. McCann and H. S. Young. 2,039,820; May 5.
- Traffic controlling apparatus, Railway. F. H. Nicholson. 2,027,246; Jan. 7.
- Traffic controlling apparatus, Railway. F. H. Nicholson. 2,045,992; June 30.
- Traffic controlling apparatus, Railway. F. H. Nicholson. 2,046,179; June 30.
- Traffic controlling apparatus, Railway. F. H. Nicholson and H. G. Blosser. 2,043,768; June 9.
- Traffic controlling apparatus, Railway. F. H. Nicholson and H. W. Bryan. 2,043,767; June 9.
- Traffic controlling apparatus, Railway. B. E. O'Hagan. 2,061,773; Nov. 24.
- Traffic controlling apparatus, Railway. H. A. Wallace. 2,039,616; May 5.
- Traffic controlling apparatus, Railway. H. A. Wallace. 2,053,884; Sept. 8.
- Traffic controlling apparatus, Railway. P. F. Willard. 2,042,873; June 2.
- Traffic controlling apparatus, Railway. H. S. Young. 2,027,216; Jan. 7.
- Traffic controlling system, Centralized. N. D. Preston. 2,038,128; Apr. 21.
- Traffic controlling system for railroads. C. S. Bushnell. 2,062,861; Dec. 1.
- Traffic controlling system for railroads, Centralized. E. O. Blodgett. 2,042,450; June 2.
- Traffic controlling system for railroads, Centralized. C. S. Bushnell. 2,049,406; July 28.
- Traffic controlling system for railroads, Centralized. W. D. Hailes. 2,045,908; June 30.
- Traffic controlling system for railroads, Centralized. W. D. Hailes. 2,062,710; Dec. 1.
- Traffic controlling system for railroads, Centralized. T. J. Judge. 2,042,662; June 2.
- Traffic controlling system for railroads, Centralized. T. J. Judge. 2,045,713; June 30.
- Traffic controlling system for railroads, Centralized. T. J. Judge. 2,045,951; June 30.
- Traffic controlling system for railroads, Centralized. T. J. Judge. 2,059,112; Oct. 27.
- Traffic controlling system for railroads, Centralized. H. P. Ober. 2,059,173; Oct. 27.
- Traffic controlling system for railroads, Centralized. W. T. Powell. 2,058,824; Oct. 27.
- Traffic controlling system for railroads, Centralized. N. D. Preston. 2,045,723; June 30.
- Traffic controlling system for railroads, Centralized. N. D. Preston. 2,051,419; Aug. 18.



- Traffic controlling system for railroads, Centralized. S. N. Wight. 2,045,892; June 30.
- Traffic controlling system, Railway. R. M. Phinney. 2,049,398; July 28.
- Traffic controlling system, Railway. W. W. Wenholz and C. I. De Long. 2,038,463; Apr. 21.
- Traffic controlling system, Railway. G. C. Whitney. 2,033,965; Mar. 17.
- Traffic light. K. E. Fenton and H. B. Smith. 2,063,305; Dec. 8.
- Traffic ramp. R. R. Bywater. 2,051,678; Aug. 18.
- Traffic regulating system. P. P. Hornl. 2,049,651; Aug. 4.
- Traffic sign. H. J. Smith. 2,045,419; June 23.
- Traffic signal. W. H. Ebert. 2,049,002; July 28.
- Traffic signal. W. W. McClure. 2,064,211; Dec. 15.
- Traffic signal. H. F. Murray. 2,050,579; Aug. 11.
- Traffic signal. R. E. Summers. 2,050,635; Aug. 11.
- Traffic signal control. H. B. Brainerd. 2,064,882; Dec. 22.
- Traffic signal indicating device. C. C. Foster. 2,054,974; Sept. 22.
- Traffic signal switch. D. P. Potter. 2,037,146; Apr. 14.
- Traffic signaling system. V. W. Leonard. 2,044,617; June 16.
- Traffic signaling system and apparatus. H. H. Bell. 2,029,217; Jan. 28.
- Traffic stripe machine. S. J. Dalton. 2,026,870; Jan. 7.
- Trailbuilder. E. B. Maloon. 2,064,022; Dec. 15.
- Trailer. A. H. Horsey. 2,062,053; Nov. 24.
- Trailer. E. Ose. 2,046,206; June 30.
- Trailer. W. Porteous. 2,029,540; Feb. 4.
- Trailer. A. R. Pribil. 2,033,298; Mar. 10.
- Trailer. S. A. Redding. 2,038,001; Apr. 21.
- Trailer apparatus. W. Holsten and H. Tonn. 2,058,691; Oct. 27.
- Trailer brake. E. R. Bulmer. 2,040,728; May 12.
- Trailer brake. H. C. Falknor. 2,048,788; July 28.
- Trailer coupling. W. Hoflich. 2,061,234; Nov. 17.
- Trailer, Dustproof, telescopic automotive. A. Josephs. 2,055,930; Sept. 29.
- Trailer for automobiles and similar vehicles, One wheeled. H. Tastenhoye. 2,027,127; Jan. 7.
- Trailer for highway and railway travel. W. Dalton. 2,043,034; June 2.
- Trailer hitch. T. H. Jacob. 2,062,788; Dec. 1.
- Trailer hitch. C. Traynor. 2,037,403; Apr. 14.
- Trailer hitch and support. W. H. Alexander. 2,038,156; Apr. 21.
- Trailer hitch bracket. A. R. Pribil. 2,035,669; Mar. 31.
- Trailer hitch connection. A. M. Allan. 2,027,852; Jan. 14.
- Trailer hitch coupling. L. A. Tade. 2,039,689; May 5.
- Trailer truck. W. Thompson. 2,038,863; Apr. 28.
- Trailer vehicle. F. M. Archer and P. McKinnon, Jr. 2,049,098; July 28.
- Trailer vehicle. A. P. Armington. 2,047,762; July 14.
- Trailer vehicle. S. Johnson, Jr., and R. H. Casler. 2,056,525; Oct. 6.
- Trailer vehicle. H. H. Robinson. 2,061,673; Nov. 24.
- Train braking system. E. E. Hewitt. 2,065,222; Dec. 22.
- Train communication system, Railway. P. N. Bossart. 2,064,642; Dec. 15.
- Train communication systems, Apparatus for railway. P. N. Bossart. 2,064,641; Dec. 15.
- Train communication systems, Apparatus for railway. P. N. Bossart. 2,064,643; Dec. 15.
- Train control means for toy electric trains. E. P. S. Newman. 2,038,308; Apr. 21.
- Train control system. W. A. Hardcastle and J. C. Minter. 2,053,870; Sept. 8.
- Train control system, Automatic. C. S. Bushnell. 2,058,770; Oct. 27.
- Train control system, Continuous inductive. W. H. Reichard. 2,045,924; June 30.
- Train dispatching system for railroads. F. Benedict. 2,058,554; Oct. 27.
- Train dispatching system for railroads. F. Benedict and P. E. Carter. 2,037,875; Apr. 21.
- Train dispatching system for railroads. R. C. Leake and R. M. Phinney. 2,042,668-9; June 2.
- Train dispatching system for railroads. B. J. Schwendt. 2,056,145; Sept. 29.
- Train lighting system. J. F. Frese. 2,028,734; Jan. 21.
- Train orders, Apparatus for delivering. L. J. Hendrickson. 2,041,247; May 19.
- Train pipe connector, Automatic. R. J. Wittmer. 2,040,968; May 19.
- Train pipe coupling. H. P. Petznick. 2,032,096; Feb. 25.
- Train, River. C. E. Warren. 2,055,369; Sept. 22.
- Trains, Apparatus for stabilizing high speed. K. P. Billner. 2,046,310; July 7.
- Tram system, Suspension. J. B. Strauss. 2,040,886; May 19.
- Tramway, Aerial. C. Braune and E. J. Lloyd. 2,035,281; Mar. 24.
- Tramway station construction. J. B. Strauss. 2,043,356; June 9.
- Trammel for animals. C. S. Huber. 2,043,410; June 9.
- Transducer. A. Noyes, Jr. 2,044,807; June 23.
- Transfer apparatus. E. J. Protin. 2,043,556; June 9.
- Transfer arm. C. G. Miller. 2,061,165; Nov. 17.
- Transfer conveyor. J. F. Trudeau. 2,044,193; June 16.
- Transfer device. W. F. Knebusch and F. F. Hillix. 2,060,809; Nov. 17.
- Transfer material such as carbon paper. R. Braunstein. 2,003,226; Dec. 8.
- Transfer mechanism. L. J. Authier. 2,055,023; Sept. 22.
- Transfer method and means. B. L. Sites. 2,036,835; Apr. 7.
- Transfer process. P. V. Brower. 2,040,075; May 12.
- Transfer set. M. Hopp. 2,064,003; Dec. 15.
- Transfer tail winder for coning machines. L. S. Converse and E. S. Kennedy. 2,036,121; Mar. 31.
- Transfer, trimming, and closing mechanism for combination bag forming machines. S. Hirsch and H. Irmscher. 2,027,043; Jan. 7.
- Transformer. H. T. Faus and A. J. Corson. 2,058,302; Oct. 20.
- Transformer. J. A. Rose. 2,033,206; Mar. 10.
- Transformer. E. Wirz. 2,047,845; July 14.
- Transformer and power distribution arrangement. B. S. Edwards. 2,038,075; Apr. 21.
- Transformer breather. L. L. Young. 2,034,736; Mar. 24.
- Transformer casing. P. E. Keegan. 2,053,339; Sept. 8.
- Transformer, Electric. C. H. Howard and C. D. Miller. 2,027,593; Jan. 14.
- Transformer for direct electric current, Rotary. G. M. Pestarini. 2,055,240; Sept. 22.
- Transformer measuring instrument. E. W. Swartwout. 2,062,110; Nov. 24.
- Transformer, Polyphase. H. A. W. Klinkhamer. 2,032,705; Mar. 3.
- Transformer, Regulating. G. Leischner. 2,062,719-20; Dec. 1.
- Transformer, Regulating. A. M. Unger. 2,060,477; Nov. 10.
- Transformer, Rotary. G. M. Pestarini. 2,059,024; Oct. 27.
- Transformer, Selective. A. E. Woodruff. 2,052,008; Aug. 25.
- Transformer structure. W. G. James. 2,064,011; Dec. 15.
- Transformer switching arrangement. H. R. Turner. 2,046,979; July 7.
- Transformer unit. L. G. Ketcham. 2,065,711; Dec. 29.
- Transformer, Variable voltage. J. A. Comstock and V. H. Dyer. 2,061,452; Nov. 17.
- Transformer voltage regulator. O. P. McCarty. 2,063,693; Dec. 8.
- Translating device. G. E. Perreault. 2,065,907; Dec. 29.
- Translating device. R. M. Wise. 2,055,093; Sept. 22.
- Translating device for accounting machines. J. R. Peirce. 2,053,105; Sept. 1.
- Translator device for hole combinations. M. Maul. 2,065,864; Dec. 29.
- Translating system. W. S. Lemmon. 2,049,705; Aug. 4.
- Transmission. W. B. Barnes. 2,027,013; Jan. 7.
- Transmission. P. Bischof. 2,031,247; Feb. 18.
- Transmission. R. Chilton. 2,040,831-3; May 19.
- Transmission. R. Chilton. 2,041,284; May 19.
- Transmission. R. Chilton. 2,061,895-6; Nov. 24.
- Transmission. A. J. Fippard. 2,055,970; Sept. 29.
- Transmission. E. L. Friedlein. 2,059,517; Nov. 3.
- Transmission. W. A. Garratt. 2,036,625-6; Apr. 7.
- Transmission. G. O. Jones. 2,029,661; Feb. 4.
- Transmission. H. A. Knox and T. Hay Nixon. 2,043,251; June 9.
- Transmission. T. B. Kohler. 2,034,302; Mar. 17.
- Transmission. R. Lapsley. 2,027,442; Jan. 14.
- Transmission. R. M. Nardone. 2,042,356; May 26.
- Transmission. F. A. Parsons. 2,037,263; Apr. 14.
- Transmission. B. Ridgeway. 2,055,671; Sept. 29.
- Transmission. F. W. Seybold. 2,037,153; Apr. 14.
- Transmission. E. Steinhart. 2,053,380; Sept. 8.
- Transmission. T. B. Tyler. 2,048,206; July 21.
- Transmission. C. W. Weiss. 2,059,423; Nov. 3.
- Transmission and braking mechanism, Automotive. F. W. Cotterman. 2,032,050; Feb. 25.
- Transmission and change speed mechanism. P. Riley. 2,040,071; May 12.
- Transmission and change speed mechanism. P. Riley. 2,046,428; July 7.
- Transmission and control mechanism. W. I. Senger. 2,054,141; Sept. 15.
- Transmission and control mechanism for machine tools. E. J. Kearney. 2,035,388; Mar. 24.
- Transmission and control mechanism for milling machines. W. D. Archea. 2,045,685; June 30.
- Transmission and modulating arrangement. K. Schlesinger. 2,063,196; Dec. 8.
- Transmission and reception, Apparatus for. R. L. Steinberger. 2,063,950-2; Dec. 15.
- Transmission and reception, System for multiple. A. Montani. 2,036,350; Apr. 7.
- Transmission, Automatic. G. H. J. Baule. 2,065,040; Dec. 22.
- Transmission, Automatic. E. E. Cotanch. 2,045,584; June 30.
- Transmission, Automatic. O. F. Goltsch. 2,036,133; Mar. 31.
- Transmission, Automatic. C. H. Havill and A. S. Walton. 2,046,453; July 7.
- Transmission, Automatic. R. M. Nardone. 2,034,150; Mar. 17.
- Transmission, Automatic. C. F. Rauen and R. E. Keller. 2,036,500; Apr. 7.
- Transmission, Automatic. C. F. Rauen and R. E. Keller. 2,053,109; Sept. 1.
- Transmission, Automatic. C. F. Rauen and A. E. Kilpela. 2,031,067; Feb. 18.



- Transmission, Automatic. C. F. Rauen and A. E. Kilpela. 2,032,592; Mar. 3.
- Transmission, Automatic. C. F. and J. T. Rauen. 2,056,365; Oct. 6.
- Transmission, Automatic. S. G. Swanson. 2,040,450; May 12.
- Transmission, Automatic. J. F. Werder. 2,065,484; Dec. 22.
- Transmission, Automatic variable speed. P. W. Zingaro. 2,058,545; Oct. 27.
- Transmission, Automatically variable speed. A. De Muynck. 2,061,867; Nov. 24.
- Transmission band. C. A. Bannister. 2,038,469; Apr. 21.
- Transmission, Change speed. L. A. Carter. 2,050,245; Aug. 11.
- Transmission, Change speed. L. A. Carter. 2,050,520; Aug. 11.
- Transmission, Constant mesh. E. E. Wemp. 2,046,439; July 7.
- Transmission, Continuously variable. R. S. Kibler. 2,050,185; Aug. 4.
- Transmission control. P. L. Tenney and O. Rasmussen. 2,047,807; July 14.
- Transmission control. T. F. Thompson. 2,051,917; Aug. 25.
- Transmission control in signaling systems. B. F. Lewis. 2,054,906; Sept. 22.
- Transmission control in signaling systems. F. W. Metzger. 2,034,703; Mar. 24.
- Transmission control in two-way signaling systems. B. G. Bjornson. 2,049,941; Aug. 4.
- Transmission control in two-way signaling systems. B. G. Bjornson. 2,061,555; Nov. 24.
- Transmission control in two-way signaling systems. H. J. Fisher. 2,047,729; July 14.
- Transmission control means. T. B. Tyler. 2,054,575; Sept. 15.
- Transmission control system. C. E. Fay. 2,041,122; May 19.
- Transmission controlling device. L. O. Burt. 2,044,463; June 16.
- Transmission device. W. J. Larkin, Jr. 2,033,343; Mar. 10.
- Transmission device. C. E. Paine. 2,041,665; May 19.
- Transmission device for wringer rolls. W. A. Ricker. 2,032,813; Mar. 3.
- Transmission disk, Resilient. J. F. Paulsen and N. Strachovsky. 2,046,208; June 30.
- Transmission dynamometer. M. A. Smith, Jr. 2,049,330; July 28.
- Transmission, Electrooptical. H. E. Ives and V. Subrizi. 2,058,883; Oct. 27.
- Transmission, Five-speed vehicle. K. R. Manville. 2,055,770; Sept. 29.
- Transmission, Fluid. R. M. Otis. 2,049,078; July 28.
- Transmission, Foot-operated. L. A. Wright. 2,027,260; Jan. 7.
- Transmission, Freewheeling. H. T. Woolson. 2,065,004; Dec. 22.
- Transmission gain control. L. G. Abraham. 2,037,107; Apr. 14.
- Transmission gear. W. Black. 2,029,981; Feb. 4.
- Transmission gear. E. A. M. Fliesberg. 2,049,696; Aug. 4.
- Transmission gear. E. A. M. Fliesberg and A. Björklund. 2,026,880; Jan. 7.
- Transmission gearing. F. A. Weingartner. 2,026,924; Jan. 7.
- Transmission gearing, Automatic change speed. G. H. J. Baule. 2,064,646; Dec. 15.
- Transmission, Hydraulic. P. S. Baldwin. 2,048,771; July 28.
- Transmission, Hydraulic. D. S. De Lavaud. 2,034,429; Mar. 17.
- Transmission, Hydraulic. E. Gray. 2,028,152; Jan. 21.
- Transmission, Hydraulic. H. F. Hull. 2,045,777; June 30.
- Transmission, Hydraulic. F. J. Ramsey. 2,065,737; Dec. 29.
- Transmission, Hydraulic. F. E. Staats. 2,054,207; Sept. 15.
- Transmission, Hydraulic. S. V. E. Taylor. 2,055,510; Sept. 29.
- Transmission, Hydraulic. H. Thoma. 2,059,155; Oct. 27.
- Transmission, Infinitely variable. P. S. Nagy. 2,062,923; Dec. 1.
- Transmission joint, Homokinetic. F. E. Myard. 2,033,733; Mar. 10.
- Transmission level controlling arrangement. K. Etzrodt. 2,065,489; Dec. 22.
- Transmission line. E. A. Leach. 2,044,580; June 16.
- Transmission line, Interconnection of. F. A. Cowan and G. J. Goetz. 2,035,536; Mar. 31.
- Transmission line, Loaded. M. E. Strieby. 2,029,041; Jan. 28.
- Transmission line support. M. M. Kenneally. 2,045,150; June 23.
- Transmission lines, Regulation of. F. A. Cowan. 2,060,042; Nov. 10.
- Transmission lock. A. A. Sundin. 2,041,621; May 19.
- Transmission mechanism. H. W. Alden. 2,044,660; June 16.
- Transmission mechanism. H. J. Dillon. 2,026,827; Jan. 7.
- Transmission mechanism. H. A. Farrand. 2,056,844; Oct. 6.
- Transmission mechanism. R. H. Green and M. F. Carington. 2,054,747; Sept. 15.
- Transmission mechanism. W. R. Griswold. 2,037,074; Apr. 14.
- Transmission mechanism. F. A. Jacklitch. 2,065,073; Dec. 22.
- Transmission mechanism. M. Natella. 2,031,059; Feb. 18.
- Transmission mechanism. F. A. Parsons. 2,037,262; Apr. 14.
- Transmission mechanism. J. S. Sharpe. 2,045,495; June 23.
- Transmission mechanism. J. W. Slayton, Jr. 2,050,673; Aug. 11.
- Transmission mechanism. K. J. Strigl. 2,051,187; Aug. 18.
- Transmission mechanism. H. T. Thomas and A. B. Hays. 2,038,812; Apr. 28.
- Transmission mechanism. H. T. Thomas and A. B. Hays. 2,049,234; July 28.
- Transmission mechanism and automatic throw-off for motion picture apparatus. A. F. Victor. 2,058,193; Oct. 20.
- Transmission mechanism for motor vehicles. H. Behrens. 2,037,805; Apr. 14.
- Transmission mechanism for use on tractors, Auxiliary. N. C. Storey. 2,034,778; Mar. 24.
- Transmission mechanism, Hydraulic. T. H. Lambert. 2,028,982; Jan. 28.
- Transmission mechanism, Lockable freewheel. R. Warren. 2,041,445; May 19.
- Transmission, Multiplex. R. H. Ranger. 2,028,805; Jan. 28.
- Transmission network. W. Six. 2,037,546; Apr. 14.
- Transmission network, Frequency selective. P. O. Farnham. 2,050,834; Aug. 11.
- Transmission of ultra short waves, Arrangement for. M. von Ardenne. 2,047,531; July 14.
- Transmission restoring apparatus, Automatic. R. K. Lee. 2,062,007; Nov. 24.
- Transmission, Reversing. C. F. Rossetter. 2,039,665; May 5.
- Transmission shifts, Restraining. T. B. Tyler. 2,043,783; June 9.
- Transmission speeds, Mechanism for regulating. F. Kahn. 2,049,065; July 28.
- Transmission system. L. G. Abraham and A. F. Grenell. 2,060,843; Nov. 17.
- Transmission system. H. Cohn. 2,042,652; June 2.
- Transmission system. N. C. Norman. 2,063,334; Dec. 8.
- Transmission system. S. A. Scheikunoff. 2,038,240; Apr. 21.
- Transmission system and gearing lubrication. A. H. Neuland. 2,051,886; Aug. 25.
- Transmission system, Distortionless. W. W. Macalpine. 2,043,587; June 9.
- Transmission system for a pressure-operated member such as a hydraulic press. D. Sciaky. 2,032,185; Feb. 25.
- Transmission system, High frequency. P. H. Smith. 2,041,378; May 19.
- Transmission system, Multiplex. E. T. Burton. 2,046,057; June 30.
- Transmission system regulation. J. B. Johnson. 2,050,703; Aug. 11.
- Transmission tower. J. R. Straley. 2,049,783; Aug. 4.
- Transmission, Variable speed. L. A. Graham. 2,062,901; Dec. 1.
- Transmitter. H. Chiroix. 2,063,582; Dec. 8.
- Transmitter. W. T. Ditcham. 2,038,526; Apr. 28.
- Transmitter and receiver. W. Runge. 2,041,966; Aug. 25.
- Transmitter and receiver for electromagnetic waves. R. Weyrich. 2,044,413; June 16.
- Transmitter, Call. H. W. Goff. 2,063,308; Dec. 8.
- Transmitter circuit arrangement. W. Kummerer. 2,058,999; Oct. 27.
- Transmitter, Electrodynamic. C. A. Hartmann. 2,047,777; July 14.
- Transmitter for electromagnetic waves. E. Kramar. 2,028,510; Jan. 21.
- Transmitter for signal systems. J. R. Harrington. 2,036,330; Apr. 7.
- Transmitter for stock quotation boards. R. Steeneck. 2,053,749; Sept. 8.
- Transmitter, High frequency. M. Ponte. 2,026,652; Jan. 7.
- Transmitter, Modulated. W. T. Ditcham. 2,034,899; Mar. 24.
- Transmitter, Modulating carrier wave. W. T. Ditcham. 2,060,614; Nov. 10.
- Transmitter, Signal. H. S. Smith. 2,050,632; Aug. 11.
- Transmitter tube. M. Weth and W. Traub. 2,049,238; July 28.
- Transmitting element. E. V. J. Tower. 2,029,516; Feb. 4.
- Transmitting system. H. Chireix. 2,035,788; Mar. 31.
- Transmitting system. C. W. Hansell. 2,032,208; Feb. 25.
- Transmitting system. J. R. H. von Wedel. 2,063,278; Dec. 8.
- Transom operator. E. E. Koenig and W. G. Hult. 2,063,883; Dec. 8.
- Transparency meter. S. A. Staeger. 2,044,131; June 16.
- Transparent material, Moistureproof. E. M. Kratz and W. C. Wilson. 2,039,228; Apr. 28.
- Trans-pi-hydroxycamphor from optically active alpha-pi-(trans)-dihalogenamphor, Preparing optically active. Y. Asahina and M. Ishidate. 2,056,441; Oct. 6.



- Transplanting implement. J. F. Nisewanger. 2,036,433; Apr. 7.
- Transport system, Pneumatic. J. E. Kennedy and H. W. Johnson. 2,032,367; Mar. 3.
- Transportation apparatus. N. W. Storer. 2,044,134; June 16.
- Transportation equipment. G. W. Willmont. 2,055,779; Sept. 29.
- Transportation seat. C. A. Van Derveer. 2,055,268; Sept. 22.
- Transportation system. D. W. Main. 2,042,265; May 26.
- Transportation unit. K. Y. Messick. 2,039,489; May 5.
- Trap: See—
- Animal trap.
  - Boiler return trap.
  - Electric insect trap.
  - Game trap.
  - Gopher trap.
  - Grease trap.
  - Insect trap.
  - Mole trap.
  - Mouse trap.
  - Rainwater trap.
  - Roach trap.
  - Rodent trap.
  - Sander trap.
  - Screwworm fly trap.
  - Steam trap.
  - Target trap.
  - Waste trap.
- Trap. C. D. Ellis. 2,059,937; Nov. 3.
- Trap. G. H. Hagermann. 2,052,823; Sept. 1.
- Trap. C. L. Myerly. 2,050,450; Aug. 11.
- Trap. J. Orgeron. 2,040,873; May 19.
- Trap. P. Wodarczyk. 2,064,188; Dec. 15.
- Trap. J. D. Zahm and J. U. Lehn. 2,031,520; Feb. 18.
- Trap construction. E. R. Woods. 2,059,164; Oct. 27.
- Trap for animals and fowls. C. Wagner. 2,038,068; Apr. 21.
- Trap for ice-fishing. B. Baranowski. 2,045,063; June 23.
- Trap for sealed lubrication chambers, Oil. H. E. Warren. 2,046,982; July 7.
- Trap hook. E. Boyko. 2,041,634; May 19.
- Trap joint and drain outlet. A. H. Gospel and P. F. Donahue. 2,037,625; Apr. 14.
- Trap plug. H. Klein. 2,043,412; June 9.
- Trap ring for core barrels. C. E. Burt. 2,044,057; June 16.
- Trapping or cutting device for use in twisting, winding, spinning, or like machines, Selective. H. Owens. 2,064,491; Dec. 15.
- Travel guide. H. R. Banks. 2,045,822; June 30.
- Traveler, band, track, and the like, Endless. J. G. A. Kitchen. 2,055,932; Sept. 29.
- Traveler for spinning-rings. W. T. Munson. 2,065,013; Dec. 22.
- Traveler mechanism. B. H. Foster. 2,057,716; Oct. 20.
- Traveling bag. M. Damm. 2,029,466; Feb. 4.
- Traveling bag. F. Mees. 2,035,493; Mar. 31.
- Traveling barrier carrier, Manually operated. T. C. Rush. 2,039,035; Apr. 28.
- Traveling block. L. C. Black. 2,052,075; Aug. 25.
- Traveling cleaner. W. B. Hodge. 2,063,874; Dec. 8.
- Traveling lanes by means of electromagnetic waves, Making. W. Runge. 2,046,850; July 7.
- Traveling sign. A. D. Eltzen. 2,033,130; Mar. 10.
- Traveling valve. F. L. Maire. 2,049,166; July 28.
- Traversing mechanism for turrets. H. W. Evans. 2,035,466; Mar. 31.
- Tray. A. R. Lofstrand, Jr. 2,059,258; Nov. 3.
- Tray and assembling same, Bubble. W. F. Seelig and R. C. Wheeler. 2,059,044; Oct. 27.
- Tray and door bolt, Combination. W. H. Brown. 2,037,309; Apr. 14.
- Tray and grid, Ice. G. A. Leyner and W. B. Anderson. 2,037,516; Apr. 14.
- Tray and making the same. H. A. Prew. 2,047,835; July 14.
- Tray and release device therefor, Freezing. W. Dalton. 2,053,134; Sept. 1.
- Tray and the like, Sandwich. E. A. Farr. 2,027,032; Jan. 7.
- Tray and tray holder, Stencil. H. P. Elliott. 2,042,516; June 2.
- Tray, Ash. L. A. Marihart. 2,044,802; June 23.
- Tray, Ash. F. E. Southworth. 2,034,424; Mar. 17.
- Tray, Ash. A. A. Vuccino. 2,028,304; Jan. 21.
- Tray, Ash. A. A. Vuccino. 2,032,964; Mar. 3.
- Tray assembly. G. W. Cramer. 2,062,807; Dec. 1.
- Tray, Bubble. L. P. Scoville. 2,029,277; Jan. 28.
- Tray, Burner. S. Leonard. 2,043,382; June 9.
- Tray, Cigarette parking. C. P. Stroger. 2,061,335; Nov. 17.
- Tray, Composition. N. S. Clay. 2,042,210; May 26.
- Tray construction. S. B. Smith. 2,048,358; July 21.
- Tray construction, Bubble. G. W. Watts. 2,052,994; Sept. 1.
- Tray, Dental impression. N. Herschau. 2,035,232; Mar. 24.
- Tray, Dental impression. H. L. Welker. 2,036,735; Apr. 7.
- Tray, Dental impression supporting. L. Kalvin. 2,043,294; June 9.
- Tray, Display. F. H. Kernen. 2,029,662; Feb. 4.
- Tray, Egg. W. J. De Reamer. 2,061,065; Nov. 17.
- Tray, Egg. G. H. Graham. 2,045,771; June 30.
- Tray, Flexible dental. M. W. Mann. 2,053,914; Sept. 8.
- Tray, Flexible metal freezing. H. D. Geyer. 2,028,059; Jan. 14.
- Tray for refrigerators. J. Sissman. 2,048,412; July 21.
- Tray for refrigerators, Ice. R. L. Hallock. 2,058,226; Oct. 20.
- Tray, Freezing. R. C. Warneke and F. T. Grothouse. 2,036,784; Apr. 7.
- Tray, Ice. A. C. Fischer. 2,049,902; Aug. 4.
- Tray, Ice. A. C. Smith. 2,027,754; Jan. 14.
- Tray, Ice. G. L. Tinkham. 2,031,515; Feb. 18.
- Tray, Ice cube. L. Brownstein. 2,037,364; Apr. 14.
- Tray, Ice cube. G. L. Keesecker. 2,048,160; July 21.
- Tray, Lap. C. P. Neats and W. W. Calahan. 2,039,922; May 5.
- Tray making apparatus. G. L. Tinkham. 2,031,345; Feb. 18.
- Tray rack. W. A. Bohannon and C. B. Gilbert. 2,061,891; Nov. 24.
- Tray rack. R. C. Burnley. 2,043,605; June 9.
- Tray, Refrigeration ice. A. E. Cole. 2,028,047; Jan. 14.
- Tray, Refrigerator. C. Daum. 2,058,002; Oct. 20.
- Tray, Registering card index. E. Meier. 2,054,385; Sept. 15.
- Tray release mechanism for refrigerator freezing units. W. H. D. Brouse. 2,036,564; Apr. 7.
- Tray, Rubber freezing. J. S. Glomb. 2,053,711; Sept. 8.
- Tray, Safety ash. F. O. Carlson. 2,034,710; Mar. 24.
- Tray, Self-freezing ice. D. B. Knight. 2,066,042; Dec. 29.
- Tray, Serving. E. D. Temperli. 2,049,386; July 28.
- Tray supporting and tilting device, Egg. W. G. Schlottmann. 2,059,751; Nov. 3.
- Tray, Tank top. S. R. Davis. 2,062,742; Dec. 1.
- Trays or the like, Making plywood. C. B. Norris. 2,028,076; Jan. 14.
- Tread and floor covering and making the same, Anti-slipping. E. Van der Pyl. 2,057,171; Oct. 13.
- Tread for pneumatic tires, Auxiliary. L. Gottlieb. 2,046,159; June 30.
- Tread, Safety. E. Van der Pyl. 2,041,032; May 19.
- Tread stock for inner tubes. M. C. Bacon. 2,043,315; June 9.
- Tread surface. J. M. Klipfel. 2,055,606; Sept. 29.
- Tread surface element. O. Koll and A. M. Siess. 2,056,677; Oct. 6.
- Treating apparatus. O. Oppenlaender, R. J. Gollong, and R. H. Carter. 2,030,711; Feb. 11.
- Treating fluid to textile fibers, Apparatus for applying. H. V. Lang. 2,045,783; June 30.
- Treating garbage. A. Boniface. 2,049,889; Aug. 4.
- Treating liquids, Method and apparatus for. E. Cowles. 2,055,836; Sept. 29.
- Treatment with solvents, Apparatus for. C. F. Dinley. 2,036,261; Apr. 7.
- Tree caliper. R. J. Hinson. 2,059,580; Nov. 3.
- Tree cavity filler. C. H. Smith. 2,033,870; Mar. 10.
- Tree dressing. C. H. Smith. 2,033,869; Mar. 10.
- Tree for shoes and other footwear. J. F. and E. B. Clark. 2,047,460; July 14.
- Tree holder. F. P. McCann. 2,029,281; Jan. 28.
- Tree holder. J. D. Templin, Jr. 2,044,192; June 16.
- Tree surgery. H. L. Gerhart. 2,051,840; Aug. 25.
- Trees and shrubs, Fertilizing. A. V. Dahlberg. 2,044,063; June 16.
- Trees of insects, Apparatus for ridding. E. Bernitz, Sr. 2,030,052; Feb. 11.
- Tremolo device. F. A. Hoschke. 2,062,515; Dec. 1.
- Tremolo for electrical musical instruments, Automatic. N. Langer. 2,040,439; May 12.
- Trench digger and back-filling machine. W. A. Billings. 2,030,045; Feb. 11.
- Trestle, Adjustable. J. F. Kacena. 2,048,009; July 21.
- Trestle ladder lock. C. A. Barrett. 2,054,690; Sept. 15.
- Triangle meter. W. E. Klauber. 2,037,580; Apr. 14.
- Tricycle. L. H. Balston. 2,044,889; June 23.
- Trigger mechanism for machine guns. W. R. Bluehdorn and F. K. Howard. 2,063,905; Dec. 15.
- Trigger mechanism, Single. H. Wareham. 2,052,957; Sept. 1.
- Trigger motor. R. C. Coupland. 2,026,518; Jan. 7.
- Trigger motor. R. C. Coupland. 2,053,264; Sept. 8.
- Trigger pull compensation for firearms. A. E. Berdon. 2,046,996; July 7.
- Trigger release. T. L. Anderson. 2,033,803; Mar. 10.
- Triisopropyl-naphthalene-beta-sulphonic acid compounds and preparing them. H. J. Weiland and M. A. Prahl. 2,063,416; Dec. 8.
- Trim assembly. M. Stubnitz. 2,059,498; Nov. 3.
- Trim, Building. E. J. Spiesbach. 2,034,541; Mar. 17.
- Trim material, Securing. B. C. Place. 2,057,588; Oct. 13.
- Trim panel. J. A. Bumpus and H. J. Woodall. 2,035,588; Mar. 31.
- Trim panel. G. E. Gagnier. 2,039,686; May 5.
- Trim panel assembly. A. P. Ball. 2,051,673; Aug. 18.
- Trim panel assembly. W. Marshall. 2,026,585; Jan. 7.
- Trim strip for automobile fenders, Antisquawk. H. D. Geyer. 2,060,566; Nov. 10.
- Trimmer. J. H. Fridén. 2,047,021; July 7.
- Trimmer. G. and M. Prodromos. 2,028,686; Jan. 21.
- Trimmer. J. J. Taylor. 2,036,241; Apr. 7.
- Trimmer for printers' rollers. J. J. Donahue and G. Rohman. 2,054,365; Sept. 15.
- Trimmer, Lawn. G. B. Randolph. 2,027,289; Jan. 7.
- Trimmer, Mobile lawn. G. B. Randolph. 2,058,353; Oct. 20.
- Trimmer, Paper. C. L. Frierwood. 2,029,916; Feb. 4.
- Trimming. C. S. Clinch, Sr. 2,063,299; Dec. 8.
- Trimming apparatus. J. Q. Holmes. 2,032,127; Feb. 25.
- Trimming machine. L. J. Bazzoni. 2,029,304-5; Feb. 4.
- Trimming machine. C. G. Brostrom. 2,044,054; June 16.
- Trimming machine. C. G. Brostrom. 2,053,320; Sept. 8.



- Trimming machine. A. Eppler. 2,030,057; Feb. 11.  
 Trimming machine. J. H. Fridén. 2,050,051; Aug. 4.  
 Trimming machine. G. Hazelton. 2,051,852; Aug. 25.  
 Trimming machines. W. C. Card, Jr. 2,064,291; Dec. 15.  
 Trimming mechanism for bookbinding machines. P. E. Kleineberg. 2,028,785; Jan. 28.  
 Trimming, Shelf. M. Caplan. 2,062,499; Dec. 1.  
 Trimming strip. T. C. Devine. 2,028,740; Jan. 28.  
 Trimming tool. E. R. Whitney. 2,033,797; Mar. 10.  
 Trinitrotoluene, Purification of. J. A. Wyler. 2,032,035; Feb. 25.  
 Triphenylphosphate. Refining of crude. M. J. Reid. 2,059,912; Nov. 3.  
 Tri-plug. G. B. Benander. 2,058,292; Oct. 20.  
 Tripod. W. J. Hoza. 2,054,600; Sept. 15.  
 Tripod head. O. Wittel. 2,047,241; July 14.  
 Tripod top for cameras or the like. A. Copony. 2,054,614; Sept. 15.  
 Tripping device, Emergency. D. F. Warner. 2,027,848; Jan. 14.  
 Tripping mechanism. R. B. Zuber. 2,029,456; Feb. 4.  
 Trolley. H. Durst. 2,031,148; Feb. 18.  
 Trolley and the like. G. Regnac-Paille. 2,046,482; July 7.  
 Trolley collector. A. W. Baumgarten and H. S. Pardee. 2,063,291; Dec. 8.  
 Trolley construction, Electric. E. M. Glasgow. 2,026,884; Jan. 7.  
 Trolley contactor. F. H. Richterkessing. 2,057,448; Oct. 13.  
 Trolley duct. W. H. Frank. 2,057,891; Oct. 20.  
 Trolley duct. H. J. L. Frank and W. A. Harper. 2,052,972; Sept. 1.  
 Trolley ear. S. S. Matthes. 2,027,604; Jan. 14.  
 Trolley guide. R. R. Holden. 2,037,905; Apr. 21.  
 Trolley harp. N. D. Levin. 2,065,944; Dec. 29.  
 Trolley head and current collector. E. A. Larsson. 2,044,886; June 23.  
 Trolley switch. R. R. Holden. 2,053,558; Sept. 8.  
 Trolley system. O. Conrady. 2,029,857; Feb. 4.  
 Trolley system. O. Conrady. 2,063,150; Dec. 8.  
 Trolley system and device. L. W. Birch. 2,041,110; May 19.  
 Trolley wire device. S. S. Matthes. 2,053,964; Sept. 8.  
 Trolley wire frog. S. S. Matthes. 2,053,965; Sept. 8.  
 Trombone. F. Holton. 2,027,340; Jan. 7.  
 Trough, Automatic feed. J. M. Fisher. 2,066,264; Dec. 29.  
 Trough for poultry, Feed. G. K. S. Ferguson. 2,032,978; Mar. 3.  
 Trough for windshields, Hinge and drain. J. B. Menton. 2,034,875; Mar. 24.  
 Trough hanger. E. W. Petersen. 2,065,091; Dec. 22.  
 Trough, Shaker conveyer. T. F. McCarthy. 2,032,428; Mar. 3.  
 Trousers. L. Barry. 2,060,775; Nov. 10.  
 Trousers construction. J. A. Winter. 2,054,998; Sept. 22.  
 Trousers cuff, Fastening. F. R. Curtiss. 2,056,895; Oct. 6.  
 Trousers display fixture. G. C. Spencer. 2,063,767; Dec. 8.  
 Trousers support and fastener. C. H. Stork. 2,053,169; Sept. 1.  
 Truck. F. E. Bachman. 2,051,630-1; Aug. 18.  
 Truck. R. J. Burrows and A. O. Williams. 2,036,194; Apr. 7.  
 Truck. R. F. Darby. 2,064,464; Dec. 15.  
 Truck. F. B. Ernst. 2,051,595; Aug. 18.  
 Truck. W. C. Hedgecock. 2,026,534; Jan. 7.  
 Truck. W. C. Hedgecock. 2,032,479; Mar. 3.  
 Truck. W. C. Hedgecock. 2,045,299; June 23.  
 Truck. W. C. Hedgecock. 2,051,598-600; Aug. 18.  
 Truck. W. C. Hedgecock. 2,064,471; Dec. 15.  
 Truck. W. C. Hedgecock and H. C. Keysor. 2,063,739; Dec. 8.  
 Truck. F. A. Isaacson. 2,051,605; Aug. 18.  
 Truck. H. Janssen. 2,060,620; Nov. 10.  
 Truck. J. A. Lamont. 2,027,539; Jan. 14.  
 Truck. J. A. Lamont. 2,030,144; Feb. 11.  
 Truck. L. A. Lehrman. 2,051,610; Aug. 18.  
 Truck. A. H. Oelkers. 2,051,646-7; Aug. 18.  
 Truck. A. H. Oelkers. 2,051,649; Aug. 18.  
 Truck. A. H. Oelkers. 2,051,650; Aug. 18.  
 Truck. A. H. Oelkers and W. C. Hedgecock. 2,051,648; Aug. 18.  
 Truck. C. S. Schroeder. 2,059,150; Oct. 27.  
 Truck. F. M. Smith. 2,031,181; Feb. 18.  
 Truck. H. Somervell. 2,048,202; July 21.  
 Truck. E. A. Walcher. 2,051,660; Aug. 18.  
 Truck and brake construction, Railroad car. H. A. Mills. 2,053,098; Sept. 1.  
 Truck and supporting mechanism for aerial cars, Combined. J. B. Strauss. 2,060,402; Nov. 10.  
 Truck assembly for wheel vehicles, Independent. H. F. Flowers. 2,063,545; Dec. 8.  
 Truck, Barrel. W. A. Black. 2,027,265; Jan. 7.  
 Truck, Barrel. H. Dawson. 2,029,656; Feb. 4.  
 Truck body. H. H. Tomlinson. 2,047,602; July 14.  
 Truck body, Armored motor. R. A. Steckly. 2,051,753; Aug. 18.  
 Truck body, Convertible. C. G. Eisenberg, Jr. 2,054,122; Sept. 15.  
 Truck body handling system. C. H. Richards. 2,044,592; June 16.  
 Truck bolster. P. R. Drenning. 2,036,859; Apr. 7.  
 Truck bolster for model railways. K. M. Boyd. 2,062,965; Dec. 1.  
 Truck, Car. R. C. Hobson. 2,061,767; Nov. 24.  
 Truck, Car. M. H. Martin. 2,052,639-40; Sept. 1.  
 Truck, Car. J. A. Shafer. 2,062,682; Dec. 1.  
 Truck, Casket. C. Baumgardner. 2,049,683; Aug. 4.  
 Truck, Casket. D. E. Brown. 2,036,455; Apr. 7.  
 Truck chock and anchor. F. Balensiefer. 2,036,910; Apr. 7.  
 Truck, Church. A. H. Dolge. 2,059,320; Nov. 3.  
 Truck, Conveyer. C. S. Larson. 2,061,735; Nov. 24.  
 Truck, Dirigible. G. Laube, R. C. Stevens, and E. A. Kaufman. 2,055,747; Sept. 29.  
 Truck, Dump. E. W. Lowdermilk. 2,034,306; Mar. 17.  
 Truck, Elevating industrial. F. H. Vercoe. 2,050,821; Aug. 11.  
 Truck equipment for transporting goods containers. W. P. Kellett. 2,058,891; Oct. 27.  
 Truck, Farm. L. G. Knapp. 2,047,206; July 14.  
 Truck, Field motor. R. L. Stirling and K. J. W. Freitag. 2,054,143; Sept. 15.  
 Truck for air tramways. J. B. Strauss. 2,043,357; June 9.  
 Truck for rail vehicles and the like. W. J. Besler. 2,044,767; June 23.  
 Truck, Furniture. J. L. Dement. 2,043,887; June 9.  
 Truck, Hand. T. L. Bowers. 2,028,133; Jan. 21.  
 Truck, Hand. J. A. Byington. 2,062,498; Dec. 1.  
 Truck, Hand. G. P. Morse and L. Lidsky. 2,044,363; June 16.  
 Truck, Hydraulic beam. G. W. Kretzschmar. 2,038,660; Apr. 28.  
 Truck, Ice handling. C. A. Smith. 2,028,023; Jan. 14.  
 Truck, Industrial. C. E. Cochran. 2,052,697; Sept. 1.  
 Truck, Lift. E. S. Frost. 2,050,000; Aug. 4.  
 Truck, Motor. R. J. Lewis. 2,028,227; Jan. 21.  
 Truck, Multiple lift. A. Altieri. 2,050,643; Aug. 11.  
 Truck, Multiple stage lifting. W. Stuebing, Jr. 2,028,708; Jan. 21.  
 Truck or tractor with two rear axles. H. R. M. G. Smeets. 2,030,548; Feb. 11.  
 Truck pivot damping. F. Kruckenberg, C. Stedefeld, and W. Black. 2,040,262; May 12.  
 Truck, Portable. D. L. Lea. 2,030,925; Feb. 18.  
 Truck, Radial guiding. O. K. Kjolseth. 2,044,575; June 16.  
 Truck, Railway. W. J. Besler and S. J. Whitlock. 2,054,569; Sept. 15.  
 Truck, Railway. G. F. Couch. 2,047,192; July 14.  
 Truck, Railway. G. F. Couch. 2,055,278; Sept. 22.  
 Truck, Railway car. J. G. Bower. 2,060,550; Nov. 10.  
 Truck, Railway car. C. J. W. Clasen. 2,044,971; June 23.  
 Truck, Railway car. C. B. Goodspeed. 2,050,656; Aug. 11.  
 Truck, Railway car. F. W. Lewis. 2,040,773; May 12.  
 Truck, Railway car. H. A. Moeller. 2,037,336; Apr. 14.  
 Truck, Railway car. H. H. Wolfe. 2,050,642; Aug. 11.  
 Truck, Railway motor. K. S. Howard. 2,042,177; May 26.  
 Truck, Roller bearing pedestal. W. C. Sanders. 2,060,446; Nov. 10.  
 Truck, Roller bearing trailer. E. M. Shannon. 2,038,610; Apr. 28.  
 Truck, Scientific snow removal and self loading. L. Simon. 2,059,818; Nov. 3.  
 Truck, Semitrailer tank. J. G. Moxey. 2,049,132; July 28.  
 Truck shunting apparatus. P. P. Sosinski. 2,057,255; Oct. 13.  
 Truck, Tank. W. A. Eaton. 2,049,997; Aug. 4.  
 Truck tank mounting means. H. A. Crary. 2,065,268; Dec. 22.  
 Truck tank plug, Quick opening. G. H. Clay. 2,040,358; May 12.  
 Truck, Three-part. P. R. Drenning, S. F. Ashley, and H. T. Casey. 2,036,858; Apr. 7.  
 Truck, Transport. C. E. Kohl. 2,029,489; Feb. 4.  
 Truck wheel brake. E. Latshaw. 2,039,274; Apr. 28.  
 Truck with brake mechanism, Car. J. A. Shafer. 2,065,200; Dec. 22.  
 Trucks, Propelling mechanism for. E. J. Wilson. 2,062,385; Dec. 1.  
 Truing apparatus. H. J. Griffing. 2,056,149; Sept. 29.  
 Trunk. A. Yellman. 2,056,701; Oct. 6.  
 Trunk and luggage carrier, Combination. A. A. Arndt. 2,063,478; Dec. 8.  
 Trunk, Hand wardrobe. S. Meyer. 2,036,346; Apr. 7.  
 Trunk, Wardrobe. R. E. Phillips. 2,051,273; Aug. 18.  
 Trunnion. H. E. Tautz. 2,040,718; May 12.  
 Trunnion type clamp, Compensated. A. O. Austin. 2,062,283; Dec. 1.  
 Truss. C. E. Christman. 2,044,280; June 16.  
 Truss. F. F. Hosmer. 2,034,814; Mar. 24.  
 Truss. J. D. Roberts. 2,061,103; Nov. 17.  
 Truss. W. I. Silverstein. 2,061,596; Nov. 24.  
 Truss. H. M. Turner. 2,051,921; Aug. 25.  
 Truss, Arch rib roof. W. E. Wilson. 2,065,256; Dec. 22.  
 Truss, Eccentric. J. W. Buckley. 2,029,557; Feb. 4.  
 Truss or bridge. T. Maddock. 2,030,262; Feb. 11.  
 Truss pad. H. E. Kenworthy. 2,052,631; Sept. 1.  
 Truss, Umbilical. I. M. Pease. 2,062,143; Nov. 24.  
 Trussed-sheet construction. J. O. Madison. 2,052,984; Sept. 1.  
 Tub cover. C. G. Frantz. 2,041,464; May 19.  
 Tub display support, Butter. C. Raffa. 2,061,406; Nov. 17.



- Tub, Foot. C. S. Johnson. 2,062,316; Dec. 1.  
 Tub reconditioning machine, Butter. M. P. Swearingen. 2,051,156; Aug. 18.  
 Tub supporting and leveling device. V. E. Schmiedeknecht. 2,051,398; Aug. 18.  
 Tube: See—  
   Arc discharge tube. Luminous tube.  
   Braun tube. Multiple unit tube.  
   Carrier tube. Photo-amplifier tube.  
   Cathode ray tube. Photoelectric tube.  
   Cellulose tube. Photosensitive tube.  
   Collapsible tube. Pitot-static tube.  
   Compound tube. Pneumatic inner tube.  
   Discharge tube. Pneumatic tire tube.  
   Dispensing tube. Power tube.  
   Drinking tube. Radiator tube.  
   Electric arc discharge tube. Radio tube.  
   Electric discharge tube. Röntgen tube.  
   Electrode tube. Shielded electrode tube.  
   Electron discharge tube. Short wave tube.  
   Electron tube. Soot blowing tube.  
   Electronic tube. Space discharge tube.  
   Electronic vacuum tube. Tank filler tube.  
   Filter tube. Thermionic cathode gas-filled discharge tube.  
   Flexible metal tube. Thermionic tube.  
   Foam retarding tube. Tracheotomy tube.  
   Gas discharge tube. Transmitter tube.  
   Glow discharge tube. Tuning indicator tube.  
   Grid glow tube. Turbine draft tube.  
   Hard ferrous-lined tube. Two-seal inner tube.  
   Heat conducting tube. Ultra short wave tube.  
   High power tube. Vacuum discharge tube.  
   Illumination tube. Vacuum tube.  
   Inner tube. Veinoid drain tube.  
   Ionic discharge tube. X-ray tube.  
   Luminescent tube.  
 Tube adjuster for telescoping tubes, Automatic. L. W. Shastock. 2,051,969; Aug. 25.  
 Tube and bracket for ice making systems, Air-inlet drop. W. B. Nelson. 2,060,632; Nov. 10.  
 Tube and circuit embodying the same, Thermionic. F. S. McCullough. 2,048,133; July 21.  
 Tube and circuit therefor, Gas discharge. C. W. Hansell. 2,034,756; Mar. 24.  
 Tube and circuit therefor, Gas-filled. L. K. Swart. 2,032,514; Mar. 3.  
 Tube and making same, Punctureproof. J. W. Waber. 2,033,962; Mar. 17.  
 Tube and making the same, Flexible. H. C. Pye. 2,054,024; Sept. 8.  
 Tube and manufacturing the same. H. St. Laurent. 2,041,270; May 19.  
 Tube and method of manufacture, Gaseous discharge. D. V. Edwards and E. K. Smith. 2,044,350; June 16.  
 Tube and rod hardening and straightening apparatus and method. L. H. Brinkman. 2,056,155; Oct. 6.  
 Tube and support fixture, Drop. A. H. Baer. 2,033,907; Mar. 17.  
 Tube and union, Flexible. G. Tabozzi. 2,037,350; Apr. 14.  
 Tube apparatus, Multielectrode. J. H. O. Harries. 2,045,526; June 23.  
 Tube assemblies, Method of and apparatus for making and treating. B. L. Quarnstrom. 2,040,877; May 19.  
 Tube base. G. M. Rose, Jr. 2,030,184; Feb. 11.  
 Tube base and socket. J. Hirmann. 2,027,730; Jan. 14.  
 Tube base and socket. J. Hirmann. 2,038,513; Apr. 21.  
 Tube base and socket. A. Horowitz and J. Visman. 2,031,313; Feb. 18.  
 Tube caliper, Micrometer. W. A. Price. 2,048,407; July 21.  
 Tube cleaner. W. S. Elliott. 2,045,761; June 30.  
 Tube cleaner. W. S. Elliott. 2,063,991; Dec. 15.  
 Tube cleaner. W. T. Hamilton. 2,052,174; Aug. 25.  
 Tube closing and clip attaching machine, Automatic. F. J. Stokes. 2,027,792; Jan. 14.  
 Tube closure. J. E. Knauss. 2,035,749; Mar. 31.  
 Tube closure. W. Simpson. 2,039,037; Apr. 28.  
 Tube closure, Collapsible. C. E. Lundgren. 2,055,694; Sept. 29.  
 Tube closure, Collapsible. B. E. Mills. 2,032,883; Mar. 3.  
 Tube connecting device. F. E. Key. 2,042,603; June 2.  
 Tube construction and circuit arrangement. G. Jobst. 2,037,168; Apr. 14.  
 Tube couplings, Forming seamless. A. L. Parker. 2,027,285; Jan. 7.  
 Tube cutter. F. M. Lang. 2,065,138; Dec. 22.  
 Tube cutter. G. Wiedeke. 2,028,578; Jan. 21.  
 Tube device, Vacuum. A. L. Wilson. 2,057,508; Oct. 13.  
 Tube dispenser. S. J. Southey, Jr. 2,052,364; Aug. 25.  
 Tube drawing machine. G. W. Walzer. 2,049,577; Aug. 4.  
 Tube element returning means. J. J. Glauber. 2,048,257; July 21.  
 Tube evacuator and severing device. H. G. Bauman. 2,066,245; Dec. 29.  
 Tube expansion extrusion die. C. T. Walter. 2,043,683; June 9.  
 Tube extrusion press, Vertical hydraulic. H. Albers. 2,052,738; Sept. 1.  
 Tube flaring tool. G. R. Gagne. 2,027,161; Jan. 7.  
 Tube for dynamo-electric machines, Cooling. P. A. H. Mossay. 2,062,470; Dec. 1.  
 Tube for nonrenewable fuses. A. E. Blanchet. 2,059,507; Nov. 3.  
 Tube for television receiver apparatus, Braun. M. Knoll. 2,064,981; Dec. 22.  
 Tube for tires, Inner. G. P. Loomis. 2,055,797; Sept. 29.  
 Tube, Forming a composite. J. R. Coe. 2,032,685; Mar. 3.  
 Tube forming machine. H. S. Brown. 2,062,291; Dec. 1.  
 Tube forming machine. H. H. Hentzell and A. M. Morris. 2,048,004; July 21.  
 Tube, fountain pen barrel and the like. T. Olsen. 2,035,915; Mar. 31.  
 Tube frame. E. F. Clark. 2,029,254; Jan. 28.  
 Tube, Making a metal. J. A. Zublin and C. W. Hitt. 2,066,025; Dec. 29.  
 Tube making apparatus. A. P. Diescher. 2,034,132; Mar. 17.  
 Tube making machine. J. L. Ferguson. 2,062,303; Dec. 1.  
 Tube manufacture, Fin. J. E. Trainer. 2,039,690; May 5.  
 Tube manufacturing apparatus. A. P. Diescher. 2,048,925; July 28.  
 Tube mill. W. J. Assel. 2,060,768; Nov. 10.  
 Tube mill. J. L. C. McKay-Clements. 2,066,138; Dec. 29.  
 Tube or incandescent lamp, Electric discharge. J. H. J. Maartens and J. Van Maastricht. 2,056,861; Oct. 6.  
 Tube or the like, Electric discharge. W. L. Krahle. 2,054,221; Sept. 15.  
 Tube products dispenser. E. S. Crumm. 2,060,178; Nov. 10.  
 Tube rolling mill. W. J. Norton. 2,056,110; Sept. 29.  
 Tube rolling process. K. Korbuly. 2,041,937; May 26.  
 Tube splicer. W. J. Breth and M. Engler. 2,027,854; Jan. 14.  
 Tube structure, Unitary vacuum. R. M. Wise. 2,034,365; Mar. 17.  
 Tube support. H. J. Kerr and C. U. Savoye. 2,033,077; Mar. 3.  
 Tube system, Direct coupled. P. P. Stoutenburgh. 2,052,730; Sept. 1.  
 Tube system for heat exchange. P. Dmitrevskij and D. Astrov. 2,064,246; Dec. 15.  
 Tube temperature indicator. G. A. Davidson. 2,055,004; Sept. 22.  
 Tube tester. F. E. Wenger. 2,054,611; Sept. 15.  
 Tube tester, Audion. J. Gerstle. 2,050,092; Aug. 4.  
 Tube testing device, Inner. A. E. Lookholder. 2,048,191; July 21.  
 Tube testing device, Thermionic. H. L. Olesen. 2,053,101; Sept. 1.  
 Tube threading device. E. R. Koonz and O. E. Koehler. 2,043,353; June 9.  
 Tube welding machine. D. C. McGuire. 2,027,607; Jan. 14.  
 Tube welding machine, Electric. J. B. Borgadt. 2,048,682; July 28.  
 Tubing. T. E. Coty. 2,028,145; Jan. 21.  
 Tubes and apparatus therefor, Making. F. Votteler. 2,046,139; June 30.  
 Tubes and other sections, Apparatus for production of steel. E. F. Jones. 2,026,979; Jan. 7.  
 Tubes and rods, Rolling. W. J. Assel. 2,060,767; Nov. 10.  
 Tubes, Apparatus for making. C. W. Hitt. 2,066,004; Dec. 29.  
 Tubes, Apparatus for reducing and elongating. F. L. Benham. 2,026,666; Jan. 7.  
 Tubes by extrusion, Making. H. Lorant. 2,045,786; June 30.  
 Tubes, Closing and sealing collapsible. A. W. Kath. 2,035,656; Mar. 31.  
 Tubes, Device for flattening collapsible. L. Cresson. 2,058,667; Oct. 27.  
 Tubes, Draw-casting metal. B. E. Eldred. 2,048,734; July 28.  
 Tubes during manufacture, Apparatus for marking metal. F. A. Franklyn and E. C. McGregor. 2,034,614; Mar. 17.  
 Tubes, Flaring. W. Beikmann. 2,047,849; July 14.  
 Tubes for tires, Method and apparatus for making. H. E. Waner. 2,044,961; June 23.  
 Tubes, Forming and filling of spirally wound. C. W. Vogt. 2,051,922; Aug. 25.  
 Tubes, fountain pen barrels, and the like, Making. T. Olsen. 2,035,914; Mar. 31.  
 Tubes from polystyrene and the like substances, Manufacture of. E. Fischer. 2,047,554; July 14.  
 Tubes in series, Connecting. J. Robertson and G. H. Purdy. 2,027,200; Jan. 7.  
 Tubes made of paper or like material, Process and machine for the manufacture of. R. Jarrier. 2,042,531; June 2.  
 Tubes, Manufacture of. C. W. Littler. 2,063,689; Dec. 8.  
 Tubes, Manufacture of collapsible. A. W. Paull. 2,052,191; Aug. 25.  
 Tubes, Manufacture of collapsible. A. W. Paull and W. T. Davis. 2,048,138; July 21.  
 Tubes, Manufacture of electric discharge. A. G. Pearce. 2,030,392; Feb. 11.  
 Tubes, Manufacture of flexible. R. Debendetti. 2,045,540; June 23.  
 Tubes, Manufacture of heat insulating. F. Rosengarth. 2,048,817; July 28.  
 Tubes, Manufacture of photoelectric. C. H. Simms. 2,045,418; June 23.  
 Tubes, Manufacturing cellulose. H. F. Kniesche. 2,035,320; Mar. 24.  
 Tubes, Means for corrugating. W. H. Grant. 2,028,150; Jan. 21.



- Tubes, Method and apparatus for cross-rolling. S. E. Diescher. 2,042,832; June 2.
- Tubes, Method and apparatus for making helically wound. A. N. Spänel and W. C. Henry. 2,048,360; July 21.
- Tubes, Method and machine for making tapered. G. E. Barnhart. 2,029,552; Feb. 4.
- Tubes, Method and tool for anchoring. J. F. Fitzsimmons. 2,038,274; Apr. 21.
- Tubes, Method of and apparatus for forming metal. F. Sievern. 2,054,954; Sept. 22.
- Tubes, Method of corrugating. W. H. Grant. 2,028,151; Jan. 21.
- Tubes, or the like, Manufacture of pressed. A. Lloyd. 2,059,373; Nov. 3.
- Tubes, Producing seamless. M. Roeckner and J. Severin. 2,042,552; June 2.
- Tubes, Shaping the ends of. K. V. Hart. 2,064,539; Dec. 15.
- Tubes to headers, Joining. F. F. Fisher. 2,041,915; May 26.
- Tubes to power transmission lines, Device for applying luminescent. J. B. J. M. Abadie. 2,030,491; Feb. 11.
- Tubing, Apparatus for forming paper. J. M. Smith. 2,052,494; Aug. 25.
- Tubing, Bending. W. Milligan. 2,041,428; May 19.
- Tubing, Bending. G. F. Oliver and H. G. Scholtz. 2,044,322; June 16.
- Tubing catcher. W. H. McKissick. 2,031,056; Feb. 18.
- Tubing, Corrugating metal. H. H. Babcock. 2,048,588; July 21.
- Tubing, Electric welding of. W. Sykes. 2,059,824; Nov. 3.
- Tubing, Flexible. S. Guarnaschelli. 2,028,600; Jan. 21.
- Tubing, Flexible. S. Guarnaschelli. 2,041,543; May 19.
- Tubing from strip material, Device for making flexible. J. Kopetz. 2,033,717; Mar. 10.
- Tubing head. A. J. and K. T. Penick. 2,046,579; July 7.
- Tubing head. W. N. Thompson. 2,042,745; June 2.
- Tubing head. S. P. Tschappat. 2,056,543; Oct. 6.
- Tubing, Lensed electric lighting glass. G. H. Hutaff, Jr., and H. B. Norris. 2,063,930; Dec. 15.
- Tubing, Making spirally corrugated. S. Guarnaschelli. 2,037,378; Apr. 14.
- Tubing, Method and apparatus for making. B. L. Quarnstrom. 2,038,600; Apr. 28.
- Tubing, Method and apparatus for reducing. S. D. Inscho. 2,051,948-9; Aug. 25.
- Tubing, Method and apparatus of bending. W. G. Baker. 2,057,359; Oct. 13.
- Tubing, Mirrored electric light. G. H. Hutaff, Jr., and H. B. Norris. 2,063,929; Dec. 15.
- Tubing plug valve. C. O. Moss. 2,041,508; May 19.
- Tubing, Sheet metal. E. B. Morgan and M. Nuberg. 2,039,824; May 5.
- Tubing shoe valve. W. W. Lloyd. 2,049,304; July 28.
- Tubing support. J. H. Howard. 2,031,654; Feb. 25.
- Tubular article. B. B. Kendig. 2,063,607; Dec. 8.
- Tubular bodies, Forming. A. A. Saalbach. 2,034,731; Mar. 24.
- Tubular boring tool. J. H. Abramson and E. C. Swanson. 2,027,139; Jan. 7.
- Tubular condenser. L. Kopinski. 2,029,430; Feb. 4.
- Tubular product and manufacture thereof. A. S. Lynch. 2,065,595; Dec. 29.
- Tubular structural members for tubes. A. Gouge. 2,056,667; Oct. 6.
- Tuck-making device. T. E. Carroll and F. J. Meyers. 2,043,735; June 9.
- Tuft pile fabric loom. W. D. Kellogg. 2,035,235; Mar. 24.
- Tufting device. H. V. Rau. 2,048,292; July 21.
- Tufting machine. M. H. Lang. 2,056,355; Oct. 6.
- Tufting machine. R. M. Warren. 2,058,047; Oct. 20.
- Tulle and lace comprising multiple elastic threads. A. Isaac. 2,039,419; May 5.
- Tumbler washing device. V. W. Cunningham. 2,032,915; Mar. 3.
- Tumbling machine. B. Lindberg. 2,037,246; Apr. 14.
- Tuned coupling system. N. P. Case. 2,056,390; Oct. 6.
- Tuned vibrating system. T. Aamodt. 2,030,421; Feb. 11.
- Tuner. F. Woods. 2,061,726; Nov. 24.
- Tuner for radio receivers, Selective. W. T. Bolton. 2,066,246; Dec. 29.
- Tuner, Short wave. J. Yolles. 2,059,299; Nov. 3.
- Tuning and switch device. F. Saar. 2,051,181; Aug. 18.
- Tuning arrangement for radio receiving sets. V. D. Collins. 2,028,137; Jan. 21.
- Tuning arrangement for radio receiving sets. W. Huber and H. O. Roosenstein. 2,060,216; Nov. 10.
- Tuning control for radio communication apparatus, Automatic. F. T. Leahy, Jr. 2,029,779; Feb. 4.
- Tuning device, Variable inductance. J. K. Johnson. 2,054,424; Sept. 15.
- Tuning fork in vacuum. W. D. Buckingham. 2,034,282; Mar. 17.
- Tuning indicator. A. Agricola. 2,031,295; Feb. 18.
- Tuning indicator. F. Pagliari. 2,062,603; Dec. 1.
- Tuning indicator for receiving sets. H. O. Roosenstein. 2,050,808; Aug. 11.
- Tuning indicator tube. H. C. Thompson. 2,051,188; Aug. 18.
- Tuning indicator tube. H. M. Wagner. 2,051,189; Aug. 18.
- Tuning means. B. Trevor. 2,026,661; Jan. 7.
- Tuning means, Permeability. W. A. Schaper. 2,051,012; Aug. 11.
- Tuning mechanism. A. G. Wheller. 2,030,129; Feb. 11.
- Tuning mechanism for radio receivers, Automatic time-controlled. R. E. McClure. 2,050,719; Aug. 11.
- Tuning mechanism for radio receiving apparatus. E. A. Zadig. 2,038,257; Apr. 21.
- Tuning mechanism, Telescopic. G. E. Murphy. 2,058,816; Oct. 27.
- Tuning system for radio receivers, Automatic. K. M. McLaughlin. 2,045,091; June 23.
- Tuning system for radio receivers, Remote. H. Bauer. 2,048,772; July 28.
- Tuning system for radio receivers, Remote. A. A. Thomas. 2,046,755; July 7.
- Tuning system, Selective. P. J. Walsh. 2,063,965; Dec. 15.
- Tungsten carbide product, Making. O. L. Mills. 2,057,786; Oct. 20.
- Tunnel, Submersible. J. C. Meem. 2,061,584; Nov. 24.
- Tunneling. W. J. Newman. 2,055,876; Sept. 29.
- Turbidity, Apparatus for measuring. A. B. Cummins, M. S. Badollet, and M. C. Miller. 2,045,124; June 23.
- Turbine. W. H. Caldwell. 2,036,018; Mar. 31.
- Turbine. A. Fladeland. 2,060,414; Nov. 10.
- Turbine. W. B. Flanders. 2,064,825; Dec. 22.
- Turbine. W. P. Kessel. 2,044,532; June 16.
- Turbine. F. Ljungström. 2,044,435; June 16.
- Turbine. W. E. Methvin. 2,065,865; Dec. 29.
- Turbine and operating same, Explosion gas. H. Holzwarth. 2,054,081; Sept. 15.
- Turbine blade. F. A. Wettstein. 2,028,533; Jan. 21.
- Turbine blades in place, Fixing. W. G. Noack. 2,038,670; Apr. 28.
- Turbine blades, Manufacture of hollow. F. W. Gardner. 2,047,555; July 14.
- Turbine, Combustion. A. J. Jodeiko. 2,035,482; Mar. 31.
- Turbine draft tube. H. L. Cooper. 2,052,555; Sept. 1.
- Turbine, Elastic fluid. J. H. Doran. 2,064,649; Dec. 15.
- Turbine for hot driving media. A. Lysholm. 2,058,479; Oct. 27.
- Turbine, Gas. E. Silbermann. 2,051,109; Aug. 18.
- Turbine gland. C. R. Soderberg. 2,040,218; May 12.
- Turbine, Hydraulic. L. F. Harza. 2,028,448; Jan. 21.
- Turbine, Hydraulic. A. Pfau. 2,042,071; May 26.
- Turbine, Hydraulic. A. Pfau. 2,055,134; Sept. 22.
- Turbine, Hydraulic. A. Pfau. 2,059,650; Nov. 3.
- Turbine, Hydraulic. W. M. White. 2,028,368; Jan. 21.
- Turbine plant. A. Hänschke. 2,061,902; Nov. 24.
- Turbine plant. A. Hänschke. 2,063,094; Dec. 8.
- Turbine power plant, Elastic fluid. A. Rosch. 2,048,566; July 21.
- Turbine, Radial flow. R. O. J. Möller. 2,044,540; June 16.
- Turbine rotor construction. C. R. Soderberg. 2,029,681; Feb. 4.
- Turbine, Steam or gas. F. A. Wettstein. 2,047,501; July 14.
- Turbine, Thermoelectric. R. J. Mathias. 2,031,968; Feb. 25.
- Turbine well pump. De M. G. Miller. 2,029,333; Feb. 4.
- Turbine with full admission high speed rotor, Explosion. H. Holzwarth. 2,049,446; Aug. 4.
- Turbo air compressor. J. O. Heinze. 2,028,603; Jan. 21.
- Turbo-machine. M. Reiffenstein. 2,041,570; May 19.
- Turbomachines, Apparatus for regulating. U. Meininghaus. 2,029,331; Feb. 4.
- Turf forking apparatus, Power driven. B. Nolte. 2,063,333; Dec. 8.
- Turf tool. G. Van Yahres. 2,028,483; Jan. 21.
- Turfing machine. W. Hofmann and O. F. Gerbert. 2,062,027; Nov. 24.
- Turn indicating light. R. Haines. 2,058,546; Oct. 27.
- Turner and ejector for ovens. S. M. Hawes. 2,038,361; Apr. 21.
- Turner, Pancake. J. Imshweiller. 2,033,635; Mar. 10.
- Turning alignment gauge. R. D. Smith. 2,045,108; June 23.
- Turning attachment. J. Y. Blazek and R. G. Anderson. 2,056,707; Oct. 6.
- Turning machine and method. W. J. Beattie. 2,062,203; Nov. 24.
- Turnbuckle. W. J. Gourley and F. H. Barney. 2,053,522; Sept. 8.
- Turnstile. H. A. Nau. 2,035,615; Mar. 31.
- Turnstile. C. E. Stevens. 2,037,397; Apr. 14.
- Turntable. A. F. MacDonald. 2,049,813; Aug. 4.
- Turntable. J. Van Nieuwland. 2,044,031; June 16.
- Turntable. H. K. Wheeler. 2,058,115; Oct. 20.
- Turntable, Motor driven. H. P. Nordmark and D. R. Baker. 2,058,714; Oct. 27.
- Turpentine cup. W. W. Bagley. 2,049,682; Aug. 4.
- Turpentine gum cup cover. B. S. Kelly. 2,029,571; Feb. 4.
- Turpentine oils, Catalytic oxidation of. W. Schrauth. 2,030,802; Feb. 11.
- Turtleback, Collapsible. G. A. Luburg. 2,064,673; Dec. 15.
- Tuyère. A. J. Ebner and O. R. Rice. 2,058,577; Oct. 27.
- Tuyère. G. Fox. 2,056,264; Oct. 6.
- Tuyère construction for cupolas. J. K. Clutts. 2,047,949; July 21.
- Tuyère for stokers. W. F. Rieger. 2,042,732; June 2.
- Tuyères. O. R. Rice. 2,060,346; Nov. 10.
- Tuyères, Method and apparatus for closing. M. B. Ryan and E. T. Warren. 2,065,399; Dec. 22.
- Tweezers. A. B. Gardella. 2,042,985; June 2.
- Tweezers. S. Shaler. 2,049,520; Aug. 4.



- Twine. E. W. Brown and R. C. Farrell. 2,061,559; Nov. 24.
- Twine. L. I. Whitlock. 2,063,966; Dec. 15.
- Twine package. A. K. Strong. 2,035,930; Mar. 31.
- Twist mechanism for textile rovings, False. F. Casa-blancas. 2,049,945; Aug. 4.
- Twist of rayon yarn, Setting the. J. M. Hood. 2,050,325; Aug. 11.
- Twister frame stop motion. R. V. Olson. 2,034,483; Mar. 17.
- Twisting attachment. J. L. Marshall. 2,061,913; Nov. 24.
- Twisting machine. R. E. Getchell. 2,036,173; Mar. 31.
- Two-card sorting mechanism. E. R. Myers. 2,059,265; Nov. 3.
- Two-color ribbon machine. C. W. Burcky. 2,027,515; Jan. 14.
- Two-cycle combustion engine. E. Daiber. 2,044,605; June 16.
- Two-cycle engine. R. Daub. 2,050,748; Aug. 11.
- Two-cycle engine. G. Exel. 2,063,666; Dec. 8.
- Two-cycle engine. B. Kahn. 2,053,242; Sept. 1.
- Two-cycle engine. M. Mallory. 2,063,817; Dec. 8.
- Two-cycle engine. C. D. Quantz. 2,061,439; Nov. 17.
- Two-cycle motor. F. Hurum. 2,061,157; Nov. 17.
- 2-keto-levo-gulonic acid and product thereof, Manufacture of. T. Reichstein. 2,039,929; May 5.
- Two-seal inner tube. M. Prokul. 2,039,343; May 5.
- Two-speed motor. J. B. Suomala. 2,051,799; Aug. 18.
- Two-stage valve. W. H. Gille. 2,029,615; Feb. 4.
- Two-step pressing machine. E. Davis. 2,035,795; Mar. 31.
- Two-stroke combustion engine. A. Lesage. 2,046,392; July 7.
- Two-stroke engine. A. L. R. Bernard. 2,032,108; Feb. 25.
- Two stroke piston-controlled engine. A. Lesage. 2,064,983; Dec. 22.
- Two-way hose check valve. F. O. Swanland. 2,044,921; June 23.
- Two-way valve gate. C. N. Harris. 2,035,747; Mar. 31.
- Type arrangement for composing machines. S. E. Ish-Shalom and O. I. Bloom. 2,065,155; Dec. 22.
- Type bar segment and anvil. H. C. Shepard. 2,044,641; June 16.
- Type clamp. C. J. Beck. 2,028,892; Jan. 28.
- Type clip. C. T. Potts. 2,048,621; July 21.
- Type dehydrator and method, Closed. W. Woelflin. 2,047,538; July 14.
- Type, Forging die-button. H. I. Dyer. 2,049,606; Aug. 4.
- Type form. J. E. Parker. 2,048,965; July 28.
- Type, Printing. J. Bailey. 2,035,214; Mar. 24.
- Type rack. J. Bailey. 2,044,144; June 16.
- Typesetting device for X-ray identification and type holder thereof. E. S. Ingersoll. 2,053,957; Sept. 8.
- Type-wheels, Manufacture of. E. W. Roberts. 2,038,759; Apr. 28.
- Typewriter. H. Bates. 2,038,073; Apr. 21.
- Typewriter. H. Bates. 2,041,736; May 26.
- Typewriter. S. A. Dean and O. M. Russell. 2,029,159; Jan. 28.
- Typewriter. O. Haas. 2,039,991; May 5.
- Typewriter. D. P. Rowland and R. G. Bower. 2,057,981; Oct. 20.
- Typewriter. D. P. Rowland and C. C. Dahl. 2,034,357; Mar. 17.
- Typewriter. L. G. Saunders. 2,055,561; Sept. 29.
- Typewriter. G. Teissédre. 2,044,550; June 16.
- Typewriter, Accounting. M. E. Hausheer. 2,047,505; July 14.
- Typewriter, accounting machine, and punch, Combined. W. W. Lasker. 2,059,253; Nov. 3.
- Typewriter aligning and synchronizing mechanism. J. Q. Sherman. 2,033,868; Mar. 10.
- Typewriter attachment. M. W. Krauth. 2,031,962; Feb. 25.
- Typewriter attachment. W. C. Pfeiffer. 2,026,845; Jan. 7.
- Typewriter attachment. W. C. Pfeiffer. 2,047,428; July 14.
- Typewriter attachment. F. Sedgwick. 2,049,667; Aug. 4.
- Typewriter attachment. J. Q. Sherman. 2,047,232; July 14.
- Typewriter attachment. J. Q. Sherman. 2,061,595; Nov. 24.
- Typewriter calculating machines, Mechanism for. G. Mez. 2,046,524; July 7.
- Typewriter carriage. C. C. Dahl. 2,043,370; June 9.
- Typewriter, Electrical multiple. J. Trachtenberg. 2,029,529; Feb. 4.
- Typewriter, Electrical multiple. J. Trachtenberg. 2,029,957; Feb. 4.
- Typewriter keyboard. A. Dvorak and W. L. Dealey. 2,040,248; May 12.
- Typewriter, Noiseless. H. Bates. 2,060,718-19; Nov. 10.
- Typewriter, Power operated. R. T. Brockman. 2,034,387; Mar. 17.
- Typewriter, Power operated. W. J. Pasinski. 2,043,393; June 9.
- Typewriter ribbon attachment. J. C. Hochman. 2,060,315; Nov. 10.
- Typewriter ribbon device. J. C. Hochman. 2,060,314; Nov. 10.
- Typewriter ribbon rehabilitating. V. D. Guzman. 2,051,942; Aug. 25.
- Typewriter ruling device. A. L. Goldberg and V. G. Dauman. 2,051,037; Aug. 18.
- Typewriter, Steganographic. F. D'Auvrain. 2,058,776; Oct. 27.
- Typewriter type cleaner. W. G. Gies. 2,057,022; Oct. 13.
- Typewriters, Attachment for. B. S. Hyatt. 2,029,074; Jan. 28.
- Typewriters, Copying attachment for. K. Rabeck. 2,050,763; Aug. 11.
- Typewriters, Operating mechanism for. G. Baier. 2,037,690; Apr. 21.
- Typewriting and computing machine, Combined. F. A. Hart. 2,063,737; Dec. 8.
- Typewriting and computing machine, Combined. O. Thieme. 2,066,128; Dec. 29.
- Typewriting and like machine. E. S. Dodge. 2,037,769; Apr. 21.
- Typewriting and like machine. E. S. Dodge and W. L. Philbin. 2,064,154; Dec. 15.
- Typewriting and similar machine. L. Rohrer. 2,037,178; Apr. 14.
- Typewriting, Bookkeeping, and card-perforating machine, Combined. F. K. Davis. 2,064,340; Dec. 15.
- Typewriting machine. H. A. Avery. 2,027,508-9; Jan. 14.
- Typewriting machine. R. E. Benner. 2,040,424; May 12.
- Typewriting machine. C. W. Brenner. 2,031,928; Feb. 25.
- Typewriting machine. W. A. Dobson. 2,030,056; Feb. 11.
- Typewriting machine. W. A. Dobson. 2,030,858; Feb. 18.
- Typewriting machine. W. A. Dobson. 2,031,593; Feb. 25.
- Typewriting machine. W. A. Dobson. 2,047,551; July 14.
- Typewriting machine. C. Gabrielson. 2,028,200; Jan. 21.
- Typewriting machine. G. G. Going. 2,044,072; June 16.
- Typewriting machine. F. P. Gorin. 2,039,245; Apr. 28.
- Typewriting machine. G. F. Handley. 2,028,280; Jan. 21.
- Typewriting machine. G. F. Handley. 2,042,000; May 26.
- Typewriting machine. G. F. Handley. 2,050,177; Aug. 4.
- Typewriting machine. G. F. Handley. 2,055,290; Sept. 22.
- Typewriting machine. W. F. Helmond. 2,036,272-3; Apr. 7.
- Typewriting machine. W. F. Helmond. 2,044,002; June 16.
- Typewriting machine. W. F. Helmond. 2,051,041; Aug. 18.
- Typewriting machine. W. F. Helmond. 2,053,079; Sept. 1.
- Typewriting machine. R. W. Petrini. 2,064,177; Dec. 15.
- Typewriting machine. J. L. Petz. 2,056,364; Oct. 6.
- Typewriting machine. J. Phelps. 2,044,631; June 16.
- Typewriting machine. H. L. Pitman. 2,053,107; Sept. 1.
- Typewriting machine. H. L. Pitman. 2,054,095; Sept. 15.
- Typewriting machine. H. L. Pitman. 2,059,275; Nov. 3.
- Typewriting machine. R. V. Reppert. 2,045,997; June 30.
- Typewriting machine. H. Schüler. 2,062,236; Nov. 24.
- Typewriting machine. J. A. B. Smith. 2,030,409-10; Feb. 11.
- Typewriting machine. J. A. B. Smith. 2,042,163; May 26.
- Typewriting machine. J. A. B. Smith. 2,059,615; Nov. 3.
- Typewriting machine. B. C. Stickney. 2,038,685; Apr. 28.
- Typewriting machine. B. C. Stickney. 2,061,989; Nov. 24.
- Typewriting machine. R. G. Thompson. 2,063,530; Dec. 8.
- Typewriting machine. R. G. Thompson. 2,065,629; Dec. 29.
- Typewriting machine, Power-driven. A. Salzberger and R. Baumgarten. 2,059,537; Nov. 3.
- Typewriting marginator, Automatic. T. Pimental. 2,030,395; Feb. 11.
- Typographic keyboard mechanism. G. W. Curtiss. 2,058,137; Oct. 20.
- Typographical machine. A. J. Stouges. 2,037,095; Apr. 14.
- Typographic machines, Combination of. A. Block. 2,055,463; Sept. 29.
- Typographic mold. M. C. Indahl. 2,029,529; Feb. 4.
- Typographic relieving. E. M. Hensley. 2,052,293; Aug. 25.
- Typographical composing machine. W. Ackerman. 2,051,803; Aug. 25.
- Typographical composing machine. R. R. Mead. 2,055,663-4; Sept. 29.
- Typographical composing machine. R. H. Scott. 2,061,881; Nov. 24.
- Typographical machine. N. Fuck. 2,028,743; Jan. 28.
- Typographical slug casting machine. C. A. Albrecht. 2,042,978; June 2.
- Typographical slug casting machine. C. A. Albrecht. 2,051,804; Aug. 25.
- Typographical slug casting machine. W. F. Gorse and R. H. Scott. 2,035,064; Mar. 24.
- Ullage rod. W. H. Marsden. 2,040,701; May 12.
- Ultrahigh frequency device. W. R. Koch. 2,037,799; Apr. 21.
- Ultra short wave auxiliary apparatus. M. von Ardenne. 2,047,532; July 14.
- Ultra-short wave auxiliary apparatus for radio receivers. K. Schlesinger. 2,044,229; June 16.
- Ultra short wave carrier wave apparatus. G. A. Mathieu. 2,048,751; July 28.
- Ultra-short wave receiver. H. E. Hollmann. 2,030,872; Feb. 18.



- Ultrashort wave receiving system. H. O. Peterson and R. W. George. 2,059,601; Nov. 3.  
 Ultra short wave tube. P. D. Zottu. 2,037,357; Apr. 14.  
 Ultra violet lamp. H. C. Rentschler and J. W. Marden. 2,042,963; June 2.  
 Ultraviolet radiation apparatus. J. G. Axelos and A. Claude. 2,049,099; July 28.  
 Ultraviolet ray instrument. C. W. Symonds. 2,056,990; Oct. 13.  
 Umbrella. H. Goldman. 2,039,987; May 5.  
 Umbrella. R. W. Meyerkort. 2,044,805; June 23.  
 Umbrella. L. Raab and H. Karcher. 2,063,624; Dec. 8.  
 Umbrella. J. A. H. Siers. 2,047,711-12; July 14.  
 Umbrella. J. A. H. Siers. 2,051,750; Aug. 18.  
 Umbrella attachment for nozzles. R. P. White. 2,058,118; Oct. 20.  
 Umbrella carrier. F. L. Schultze. 2,041,494; May 19.  
 Umbrella handle. J. E. McWilliams. 2,044,251; June 16.  
 Umbrella, Inflatable. C. Huber. 2,049,380; July 28.  
 Uncolling, Method and mechanism for. F. Waldorf. 2,054,347; Sept. 15.  
 Uncoupling mechanism. A. J. Bazeley. 2,041,807; May 26.  
 Uncoupling mechanism for car couplers. A. J. Bazeley. 2,051,362; Aug. 18.  
 Uncoupling mechanism for railway cars. A. J. Bazeley. 2,051,361; Aug. 18.  
 Undercarriage, Shockproof. I. Kovach. 2,052,309; Aug. 25.  
 Undercoat for lacquers and lacquered material. W. D. Bowlby. 2,028,189; Jan. 21.  
 Undercutting attachment for lathes. J. J. and M. W. O'Brien. 2,028,293; Jan. 21.  
 Underfloor duct box. H. S. Walker. 2,046,351; July 7.  
 Underfloor duct box. H. S. Walker. 2,063,569; Dec. 8.  
 Underframe, Car. J. G. Bower. 2,054,372; Sept. 15.  
 Underframe for carriages. S. Möhl. 2,048,280; July 21.  
 Undergarment. P. S. Bloom. 2,064,409; Dec. 15.  
 Undergarment. M. M. Goss. 2,055,973; Sept. 29.  
 Undergarment. N. Imier. 2,055,538; Sept. 29.  
 Undergarment. A. Krumbein. 2,054,547; Sept. 15.  
 Undergarment. E. R. Meinig. 2,040,561; May 12.  
 Undergarment. A. M. Reis. 2,027,987; Jan. 14.  
 Undergarment. H. Schoebel. 2,030,826; Feb. 11.  
 Undergarment. M. Schwartz. 2,038,242; Apr. 21.  
 Undergarment, Bifurcated. I. L. Lesavoy. 2,065,381; Dec. 22.  
 Undergarment, Body-encircling. G. A. Barclay. 2,049,242; July 28.  
 Undergarment construction and making the same. J. L. Black. 2,037,060; Apr. 14.  
 Undergarment, Elastic. C. Sanders. 2,038,318; Apr. 21.  
 Undergarment for women. L. Goodman. 2,028,599; Jan. 21.  
 Undergarment for women and girls. M. Feiner. 2,055,469; Sept. 29.  
 Undergarment, Infant's. D. Rose. 2,058,509; Oct. 27.  
 Undergarment, Women's. L. B. Pruett. 2,053,165; Sept. 1.  
 Underground metallic surfaces, Protecting. C. R. Eckert. 2,047,772; July 14.  
 Underground structures and apparatus therefor, Building. L. Ranney. 2,048,710; July 28.  
 Underreamer. H. E. Woodruff. 2,031,353; Feb. 18.  
 Underreamer cutter and forming the same, Hardfaced. E. W. Holiday and F. K. Blauvelt. 2,044,353; June 16.  
 Undersoil, Electrically prospecting the. M. Schlumberger. Mar. 17.  
 Undertaker's lay out. J. J. Baloga. 2,033,807; Mar. 10.  
 Underwear garment. L. Arons. 2,033,505; Mar. 10.  
 Union, Detachable. R. E. Jones. 2,042,229; May 26.  
 Unit control system, Multiple. L. E-W. Montrose-Oster. 2,028,683; Jan. 21.  
 Unit for fireplaces. J. D. Daniel. 2,057,659; Oct. 20.  
 Unit for outboard motors, Lower. J. G. Rayniak. 2,050,670; Aug. 11.  
 Unit heater. J. E. Smith. 2,064,389; Dec. 15.  
 Unitary wire connector. J. Blackburn. 2,027,415; Jan. 14.  
 Universal bearing, Self-lubricating. R. H. Whiteley. 2,048,763; July 28.  
 Universal clamp. W. O. Christy. 2,040,466; May 12.  
 Universal cutting tool. M. Tarasuk. 2,043,679; June 9.  
 Universal joint. E. B. Anderson. 2,036,977; Apr. 7.  
 Universal joint. E. B. Anderson. 2,047,660; July 14.  
 Universal joint. D. B. Benham. 2,057,875; Oct. 20.  
 Universal joint. C. DeL. Rice. 2,026,997; Jan. 7.  
 Universal joint. J. Faure and A. P. Chavrier. 2,065,999; Dec. 29.  
 Universal joint. S. G. Jones. 2,040,002; May 5.  
 Universal joint. J. E. Padgett. 2,032,497; Mar. 3.  
 Universal joint. J. E. Padgett. 2,058,819; Oct. 27.  
 Universal joint. J. W. B. Pearce and J. B. Raviolo. 2,032,496; Mar. 3.  
 Universal joint. R. B. Poole. 2,030,074; Feb. 11.  
 Universal joint. A. H. Rzeppa. 2,046,584; July 7.  
 Universal joint. C. W. Spicer. 2,037,281; Apr. 14.  
 Universal joint. C. E. Swenson. 2,037,947; Apr. 21.  
 Universal joint. A. A. Warner. 2,027,078; Jan. 7.  
 Universal joint. C. W. Weiss. 2,055,421; Sept. 22.  
 Universal joint. O. U. Zerk. 2,027,138; Jan. 7.  
 Universal joint, Constant velocity. G. E. Dunn. 2,051,248; Aug. 18.  
 Universal joint, Resilient. H. D. Geyer. 2,030,788; Feb. 11.  
 Universal plain bearing. N. A. Palmgren. 2,053,202; Sept. 1.  
 Universal transmission joint. M. Parvillé. 2,057,736; Oct. 20.  
 Universally adjustable lamp. J. H. Cannon. 2,036,567; Apr. 7.  
 Unloader, Compressor. B. S. Aikman. 2,042,085; May 26.  
 Unloader for washed cans and covers. E. R. Alling. 2,041,451; May 19.  
 Unloader governor device. E. P. Sexton. 2,065,199; Dec. 22.  
 Unloader, Magnetic. C. E. Ploeger. 2,043,058-9; June 2.  
 Unloader valve. J. F. Koch. 2,039,089; Apr. 28.  
 Unloading device for compressors. J. Le Valley. 2,057,837; Oct. 20.  
 Unsaponifiable matter from saponifiable materials containing the same, Separation. M. Schellmann and H. Franzen. 2,056,984; Oct. 13.  
 Unsymmetrical electric wave filter. W. Cauer. 2,048,426; July 21.  
 Upholstering device for cushions. C. S. Reed. 2,059,655; Nov. 3.  
 Upholstery and floor covering materials, Treating. T. J. Bowes. 2,055,464; Sept. 29.  
 Upholstery and manufacture, Stuffed plaited. A. S. Mitchell. 2,065,388; Dec. 22.  
 Upholstery for seat backs. W. A. Gedris. 2,031,883; Feb. 25.  
 Upholstery installation and making same. L. H. Diehl and G. T. Balfe. 2,040,365; May 12.  
 Upholstery making apparatus. A. S. Mitchell. 2,045,363; June 23.  
 Upholstery making machine and method. A. G. Forget. 2,033,887; Mar. 10.  
 Upholstery molding. E. R. Creamer. 2,064,823; Dec. 22.  
 Upholstery pad stuffing machinery. T. L. McJoynt. 2,040,094; May 12.  
 Upholstery pad stuffing machinery. T. L. McJoynt. 2,047,215; July 14.  
 Upholstery pad stuffing machinery. T. L. McJoynt. 2,064,213; Dec. 15.  
 Upholstery springs. J. Schwartzman. 2,055,754; Sept. 29.  
 Upper cementing machine. A. S. Johnson. 2,032,364; Mar. 3.  
 Upper roughing tool. J. F. Smith. 2,042,868; June 2.  
 Upright extruding press. F. Hanff. 2,040,653; May 12.  
 Upright steam boiler. C. K. Matthews. 2,059,128; Oct. 27.  
 Urea-aldehyde condensation products, Making. K. Ripper. 2,056,142; Sept. 29.  
 Urea and an ammonium salt, Production of. C. K. Lawrence and H. A. Beekhuis, Jr. 2,056,283; Oct. 6.  
 Urea and nitrogen oxides, Production of. C. K. Lawrence and H. A. Beekhuis, Jr. 2,046,827; July 7.  
 Urea- and thiourea-derivatives, New therapeutically active. M. Bockmühl, W. Persch, and E. Bartholomäus. 2,050,557; Aug. 11.  
 Urea compounds and manufacture thereof, Quaternary heterocyclic. F. Schönhöfer and H. Henecka. 2,042,023; May 26.  
 Urea-formaldehyde condensation process. J. V. MacDonough. 2,034,479; Mar. 17.  
 Urea plastics. A. M. Howald. 2,056,456; Oct. 6.  
 Urea product. C. Ellis. 2,057,672; Oct. 20.  
 Urea resin molding powders, Making. P. B. Watson. 2,030,192; Feb. 11.  
 Urea, Synthesis of. H. C. Hetherington. 2,038,564; Apr. 28.  
 Urine testing device. S. P. Worden. 2,056,444; Oct. 6.  
 Urn, Coffee. J. A. Andrew. 2,057,550; Oct. 13.  
 Urn, Storage beverage. W. C. Coleman. 2,047,164; July 7.  
 Utensil. E. O. Loeber. 2,046,334; July 7.  
 Utensil, Baking. K. Stuart and G. B. Linderman, Jr. 2,027,296; Jan. 7.  
 Utensil, Cladded cooking. R. J. McKay and E. M. Wise. 2,053,096; Sept. 1.  
 Utensil, Cleaning. J. McMenamin. 2,044,361; June 16.  
 Utensil, Cooking. F. A. Anetsberger. 2,061,533; Nov. 17.  
 Utensil, Cooking. E. J. Krinard. 2,043,045; June 2.  
 Utensil, Cooking. W. W. Stevens and C. P. Buhl. 2,040,676; May 12.  
 Utensil cover. H. H. Pearl. 2,026,700-01; Jan. 7.  
 Utensil, Culinary. C. W. Hopes. 2,042,993; June 2.  
 Utensil, Culinary. M. Woolverton. 2,052,510; Aug. 25.  
 Utensil, Doughnut cooking. L. H. Gibson and I. E. Jennings. 2,047,262; July 14.  
 Utensil, Electric cooking. C. A. Fox. 2,031,259; Feb. 18.  
 Utensil, Electrodeposited cooking. V. Reuss. 2,034,057; 2,034,447; Mar. 17.  
 Utensil, Fiber. J. A. McCaskell. 2,050,061; Aug. 4.  
 Utensil, Household. S. C. Winger. 2,064,136; Dec. 15.  
 Utensil, Kitchen. S. B. Clift. 2,065,886; Dec. 29.  
 Utensil, Kitchen. M. Greene and L. Udey. 2,063,432; Dec. 8.  
 Utensil, Kitchen. C. Kelsay. 2,040,004; May 5.  
 Utensil, Kitchen. J. Vetrosky. 2,052,505; Aug. 25.  
 Utensil, Pipe smoker's. A. H. Jung. 2,049,298; July 28.  
 Utensil, Slicing. C. J. Schneider. 2,051,426; Aug. 18.  
 Utensil, Smoker's. W. F. Black. 2,063,977; Dec. 15.  
 Utensil support. R. M. Sargent. 2,065,875; Dec. 29.  
 Utensil, tarnish-resistant, rust-proof and non-corrodible, Dairy. P. D. Merica. 2,053,097; Sept. 1.



- Utensil with removable immersible electrical heating unit, Cooking. J. P. Colbourn. 2,059,995; Nov. 3.
- Utensils, Manufacture of metal. W. T. Christman. 2,060,038; Nov. 10.
- Utility cutter tool. C. Marx. 2,050,439; Aug. 11.
- Utility test lamp. C. H. Ribble and A. J. Heldt. 2,049,224; July 28.
- V-belt. A. L. Freedlander. 2,050,489; Aug. 11.
- V-belt. R. E. S. Geare. 2,066,266; Dec. 29.
- V-shaped ends on chain link blanks, Cutting. F. E. Stahl. 2,057,928; Oct. 20.
- V-slot paper cutter. J. E. and J. W. Lee, O. T. Gylleck, and F. Barney. 2,029,625; Feb. 4.
- V-type engine frame. G. J. Wohanka. 2,064,282; Dec. 15.
- V-type 2-cycle engine. R. Schneider. 2,057,062; Oct. 13.
- Vacuum apparatus. W. K. Rankin. 2,037,535; Apr. 14.
- Vacuum breaker. J. G. Cekal. 2,047,163; July 7.
- Vacuum breaker. H. J. Luff. 2,045,479; June 23.
- Vacuum breaker. H. J. Luff. 2,056,357; Oct. 6.
- Vacuum breaker valve. E. A. Fredrickson. 2,028,101; Jan. 14.
- Vacuum breaking device. J. Robinovitz. 2,033,955; Mar. 17.
- Vacuum can. W. M. Ryan and J. W. Bold. 2,060,444; Nov. 10.
- Vacuum cleaner. E. G. Ahnström. 2,037,557; Apr. 14.
- Vacuum cleaner. G. W. and L. B. Allen. 2,042,328; May 26.
- Vacuum cleaner. B. A. Baxter. 2,030,133; Feb. 11.
- Vacuum cleaner. T. E. D. Bilde. 2,030,565; Feb. 11.
- Vacuum cleaner. T. E. D. Bilde. 2,034,373; Mar. 17.
- Vacuum cleaner. T. E. D. Bilde and A. Eriksson-Jons. 2,031,454; Feb. 18.
- Vacuum cleaner. C. A. Brock. 2,060,168; Nov. 10.
- Vacuum cleaner. E. Campbell. 2,052,129; Aug. 25.
- Vacuum cleaner. F. Carlstedt. 2,044,830; June 23.
- Vacuum cleaner. F. Carlstedt. 2,049,602; Aug. 4.
- Vacuum cleaner. F. Carlstedt. 2,064,587; Dec. 15.
- Vacuum cleaner. D. C. Daniels and A. D. Wassall. 2,056,831; Oct. 6.
- Vacuum cleaner. E. Edström. 2,029,613; Feb. 4.
- Vacuum cleaner. L. Ell. 2,060,980; Nov. 17.
- Vacuum cleaner. A. A. Forsberg. 2,027,158; Jan. 7.
- Vacuum cleaner. B. D. Goldberg. 2,054,975; Sept. 22.
- Vacuum cleaner. E. O. H. Hansson. 2,035,882; Mar. 31.
- Vacuum cleaner. E. O. Hansson. 2,036,694; Apr. 7.
- Vacuum cleaner. J. F. Heuberger. 2,028,215; Jan. 21.
- Vacuum cleaner. H. A. Kroenlein. 2,036,056; Mar. 31.
- Vacuum cleaner. H. T. Lang. 2,036,058; Mar. 31.
- Vacuum cleaner. W. Leathers. 2,046,172; June 30.
- Vacuum cleaner. G. Ljungquist. 2,048,273; July 21.
- Vacuum cleaner. G. E. Lofgren. 2,065,592; Dec. 29.
- Vacuum cleaner. R. H. Manning. 2,051,728; Aug. 18.
- Vacuum cleaner. C. F. Nystrom. 2,057,499; Oct. 13.
- Vacuum cleaner. W. V. Paine. 2,035,400; Mar. 24.
- Vacuum cleaner. F. Riebel, Jr. 2,057,594; Oct. 13.
- Vacuum cleaner. F. Riebel, Jr. 2,061,330; Nov. 17.
- Vacuum cleaner. F. Riebel, Jr. 2,064,856; Dec. 22.
- Vacuum cleaner. F. Riebel, Jr., and D. M. Dow. 2,064,852-5; Dec. 22.
- Vacuum cleaner. F. Riebel, Jr., and D. M. Dow. 2,064,857; Dec. 22.
- Vacuum cleaner. F. Riebel, Jr., D. M. Dow, and L. W. Child. 2,031,734; Feb. 25.
- Vacuum cleaner. R. Schöttle. 2,055,264; Sept. 22.
- Vacuum cleaner. C. K. Skinner. 2,045,496; June 23.
- Vacuum cleaner. N. H. Watts. 2,039,860-2; May 5.
- Vacuum cleaner attachment. G. P. Ghignatti. 2,064,903; Dec. 22.
- Vacuum cleaner dust bag. H. I. Richards. 2,039,741; May 5.
- Vacuum cleaner dust bag emptying means. F. W. Burton. 2,033,179; Mar. 10.
- Vacuum cleaner, Electric. O. Grave. 2,030,366-7; Feb. 11.
- Vacuum cleaner receptacle. W. P. Hunsdorf. 2,047,735; July 14.
- Vacuum cleaning apparatus. J. H. Adams. 2,044,827; June 23.
- Vacuum cleaning device. C. Kühnel. 2,063,253; Dec. 8.
- Vacuum closing machine. R. E. J. Nordquist and J. D. Le Frank. 2,039,338; May 5.
- Vacuum container. J. H. O'Neil. 2,046,923; July 7.
- Vacuum control device for engines. J. C. A. Straub and H. S. Manwaring. 2,059,410; Nov. 3.
- Vacuum device. R. A. Watson. 2,042,372; May 26.
- Vacuum discharge apparatus, Arrangement for supervising the vacuum, i. e. the gas or vapor pressure, in. W. Dällenbach. 2,030,781; Feb. 11.
- Vacuum discharge apparatus, Grid-controlled electric. J. von Issendorff. 2,030,127; Feb. 11.
- Vacuum discharge tube, High voltage. A. Brasch and F. Lange. 2,043,733; June 9.
- Vacuum feeder. G. R. Haub. 2,058,149; Oct. 20.
- Vacuum frame arrangement. A. T. Koppe. 2,032,485; Mar. 3.
- Vacuum machine. R. E. J. Nordquist. 2,033,951; Mar. 17.
- Vacuum method for manufacturing steel. W. Rohn. 2,040,566; May 12.
- Vacuum on a chamber, Producing and maintaining a. F. L. Shelor. 2,061,488; Nov. 17.
- Vacuum operated switch. J. W. White. 2,049,531; Aug. 4.
- Vacuum printing frame. A. T. Koppe. 2,064,068; Dec. 15.
- Vacuum producing device. S. and C. Wheatley. 2,036,007; Mar. 31.
- Vacuum pump. E. F. Loweke. 2,049,211; July 28.
- Vacuum pump. S. Sera. 2,049,872; Aug. 4.
- Vacuum switch. W. K. Rankin and C. D. Hayward. 2,027,836; Jan. 14.
- Vacuum switch, Electromagnetically operated. E. Rozumek. 2,027,064; Jan. 7.
- Vacuum tool. C. L. Goughnour. 2,056,850; Oct. 6.
- Vacuum tube. H. G. Anderson. 2,043,724; June 9.
- Vacuum tube. A. E. Lyle. 2,058,478; Oct. 27.
- Vacuum tube. O. T. McIlvaine. 2,040,752; May 12.
- Vacuum tube. W. V. Roberts. 2,049,226; July 28.
- Vacuum tube. H. A. Snow. 2,048,224; July 21.
- Vacuum tube and making same. A. J. McMaster. 2,052,100; Aug. 25.
- Vacuum tube conductor and socket. M. Alden. 2,059,077; Oct. 27.
- Vacuum tube device. T. W. Sukumlyn. 2,035,623; Mar. 31.
- Vacuum tube elements assembly. W. L. Krah. 2,052,882; Sept. 1.
- Vacuum tube oscillator. R. E. Furay. 2,027,160; Jan. 7.
- Vacuum tube periodic relay. G. E. Horton, Jr. 2,030,794; Feb. 11.
- Vacuum tube resistor, Variable. F. E. Terman. 2,037,202; Apr. 14.
- Vacuum tube system. H. H. Geffcken and H. R. Richter. 2,058,011; Oct. 20.
- Vacuum tube system and container. H. R. Hayden. 2,028,717; Jan. 21.
- Vacuum tube testing system. D. K. Gannett and B. F. Lewis. 2,028,278; Jan. 21.
- Vacuum tube, Water cooled. I. E. Mouromtseff and G. V. Rytsky. 2,060,519; Nov. 10.
- Vacuum tube with high-emission cathode. S. Loewe. 2,049,811; Aug. 4.
- Valuable products from acid sludge, Obtaining. J. C. Bird. 2,028,185; Jan. 21.
- Valuable products from unsaturated compounds and hydrogen sulphide, Production of. E. C. Williams and C. C. Allen. 2,052,268; Aug. 25.
- Value printing machine. J. G. C. Moller. 2,049,015; July 28.
- Values from manganese carbonate ores, Extracting. J. D. MacCarthy. 2,044,799; June 23.
- Values from manganese carbonate ores, Extracting. J. D. MacCarthy. 2,064,551; Dec. 15.
- Values from ore pulp, Apparatus for recovering. M. Kraut. 2,044,250; June 16.
- Values, Recovery of metal. J. A. Murphy, Jr. 2,038,850; Apr. 28.
- Valve: See—
- Air drain valve.
  - Air inlet valve.
  - Air valve.
  - Air brake control valve.
  - Automatic back water valve.
  - Automatic beverage valve.
  - Automatic control valve.
  - Automatic lift valve.
  - Automatic release valve.
  - Automatic safety valve.
  - Automatic valve.
  - Balanced automatic valve.
  - Balanced throttle valve.
  - Balanced valve.
  - Ball-check valve.
  - Blow-off valve.
  - Bottle filling valve.
  - Bottle stopper valve.
  - Breather valve.
  - Butterfly valve.
  - Carburetor valve.
  - Check valve.
  - Choke valve.
  - Connected valve.
  - Control valve.
  - Counterbalancing valve.
  - Dash control valve.
  - Diaphragm valve.
  - Differential pressure valve.
  - Diverter valve.
  - Drain trap valve.
  - Drill pipe float valve.
  - Electric valve.
  - Electrically controlled valve.
  - Electrically operated valve.
  - Emergency shut-off valve.
  - Emergency valve.
  - Engine valve.
  - Exhalation valve.
  - Feed valve.
  - Filler valve.
  - Fluid pressure controlling valve.
  - Float valve.
  - Floor valve.
  - Flow bean valve.
  - Flow regulating valve.
  - Fluid controlling valve.
  - Fluid pressure regulating valve.
  - Fluid regulating valve.
  - Fluid valve.
  - Flush valve.
  - Flushing valve.
  - Fuel control valve.
  - Fuel mixing valve.
  - Gas or vapor discharge valve.
  - Gas tank safety valve.
  - Gas valve.
  - Gate valve.
  - Globe valve.
  - Goggle valve.
  - Ground key valve.
  - Heat responsive valve.
  - Hot blast valve.
  - Hot gas valve.
  - Hydraulic valve.
  - Internal combustion engine valve.
  - Lavatory drain valve.
  - Light valve.
  - Liquid relief valve.
  - Lock valve.
  - Locking valve.
  - Locomotive drifting and by-pass valve.
  - Locomotive throttle valve.
  - Lubricated gate valve.
  - Lubricated plug valve.
  - Lubricated valve.
  - Measuring valve.
  - Mixing valve.
  - Modulating electric valve.
  - Motor operated valve.
  - Multiple controlled valve.
  - Multiple-way valve.
  - Multiport plate type valve.
  - Oil and steam regulating valve.
  - Oil valve.
  - Optical valve.
  - Percussive tool valve.
  - Pilot control reducing valve.
  - Pilot controlled valve.
  - Plug valve.



## Valve: See—

- Plunger valve.  
Poultry fountain valve.  
Pressure actuated trip valve.  
Pressure control valve.  
Pressure equalizing valve.  
Pressure reducing and shut-off valve.  
Pressure regulating valve.  
Pressure relief valve.  
Pressure, temperature, and vacuum relief valve.  
Pressure, vacuum, and temperature relief valve.  
Pressure vacuum valve.  
Quick release valve.  
Reactionless valve.  
Reciprocating valve.  
Regulating valve.  
Regulator pilot valve.  
Relay valve.  
Relief valve.  
Reverse gear valve.  
Reversing valve.  
Ring plate valve.  
Rotary disk valve.  
Rotor operated butterfly valve.  
Rotor valve.  
Safety discharge valve.  
Safety gas valve.  
Safety valve.  
Sampling valve.  
Sander valve.
- Selfseating valve.  
Self-tapping brake valve.  
Shut-off and check valve.  
Shut-off valve.  
Sleeve-type valve.  
Slow closing valve.  
Snap valve.  
Solenoid stop valve.  
Solenoid valve.  
Tank car valve.  
Terminal valve.  
Thermal valve.  
Thermally operated valve.  
Thermostatic outlet valve.  
Thermostatic relief valve.  
Thermostatic snap action valve.  
Thermostatic valve.  
Thermostatically controlled valve.  
Thermostatically operated valve.  
Throttle valve.  
Timing valve.  
Tire valve.  
Traveling valve.  
Tubing plug valve.  
Tubing shoe valve.  
Two-stage valve.  
Two-way hose check valve.  
Unloader valve.  
Vacuum breaker valve.  
Viscolizer valve.  
Water relief valve.
- Valve. J. J. Aull. 2,051,124; Aug. 18.  
Valve. H. S. Baker. 2,034,222; Mar. 17.  
Valve. J. M. Barrett. 2,040,591; May 12.  
Valve. F. N. Becker. 2,027,762; Jan. 14.  
Valve. H. G. Beede. 2,043,027; June 2.  
Valve. A. A. Blue. 2,040,727; May 12.  
Valve. E. S. Clark. 2,066,250; Dec. 29.  
Valve. C. H. Cotton. 2,032,316; Feb. 25.  
Valve. R. W. Crossen, Jr. 2,045,758; June 30.  
Valve. W. Czarnecki. 2,041,906; May 26.  
Valve. L. W. Eggleston. 2,043,194; June 2.  
Valve. J. Erickson. 2,050,430; Aug. 11.  
Valve. A. J. Eulberg. 2,031,151; Feb. 18.  
Valve. A. J. and I. F. Fausek. 2,056,042; Sept. 29.  
Valve. A. L. Foell. 2,039,075; Apr. 28.  
Valve. J. S. Forbes. 2,061,028; Nov. 17.  
Valve. P. R. Forman. 2,028,387; Jan. 21.  
Valve. E. Giger-Knüsli. 2,030,143; Feb. 11.  
Valve. F. R. Goehring. 2,059,991; Nov. 3.  
Valve. J. R. Golden. 2,061,703; Nov. 24.  
Valve. O. W. Hahn. 2,031,309; Feb. 18.  
Valve. H. V. Hansen. 2,058,868; Oct. 27.  
Valve. R. P. Hanson. 2,060,571; Nov. 10.  
Valve. C. L. Hardy and R. C. Anderson. 2,055,232; Sept. 22.  
Valve. A. G. Heggem. 2,039,220; Apr. 28.  
Valve. W. F. Heineman. 2,048,864; July 28.  
Valve. J. Heinen. 2,049,805; Aug. 4.  
Valve. G. J. Henry. 2,042,845; June 2.  
Valve. H. D. Hexamer and W. Yaeger. 2,052,827; Sept. 1.  
Valve. J. B. Hoff. 2,027,978; Jan. 14.  
Valve. G. Huhn. 2,046,266; June 30.  
Valve. J. Humblet. 2,066,112; Dec. 29.  
Valve. E. M. Ivens. 2,064,754; Dec. 15.  
Valve. O. Jacobsen. 2,049,204; July 28.  
Valve. C. Johnson. 2,054,464; Sept. 15.  
Valve. R. M. Johnson. 2,035,548; Mar. 31.  
Valve. E. J. Kiley. 2,061,706; Nov. 24.  
Valve. W. R. Kinnaird. 2,029,105; Jan. 28.  
Valve. W. R. Kinnaird. 2,029,777; Feb. 4.  
Valve. P. A. Kinzie. 2,054,258; Sept. 15.  
Valve. W. H. Kniskern. 2,035,898; Mar. 31.  
Valve. P. F. Kreuzer and C. F. Schultis. 2,059,120; Oct. 27.  
Valve. J. B. Kryzanowsky. 2,033,941; Mar. 17.  
Valve. O. J. Kuenhold. 2,045,088; June 23.  
Valve. W. D. La Mont. 2,028,093; Jan. 14.  
Valve. C. W. Lerner. 2,061,239; Nov. 17.  
Valve. R. W. Leach and W. H. Bateman. 2,042,066-7; May 26.  
Valve. J. O. Lewis. 2,032,623; Mar. 3.  
Valve. J. O. Lewis. 2,062,031; Nov. 24.  
Valve. J. P. Loftus and F. R. Chester. 2,046,640; July 7.  
Valve. W. H. Lolley and H. B. Lee. 2,057,103; Oct. 13.  
Valve. E. M. May. 2,065,086-7; Dec. 22.  
Valve. B. E. Meacham. 2,046,920; July 7.  
Valve. R. G. Miner. 2,027,190; Jan. 7.  
Valve. C. B. Morehouse. 2,054,909; Sept. 22.  
Valve. L. H. Morse. 2,035,497; Mar. 31.  
Valve. R. D. Morse. 2,057,904; Oct. 20.  
Valve. I. D. Mowrey. 2,053,917; Sept. 8.  
Valve. E. H. Mueller. 2,030,150; Feb. 11.  
Valve. F. G. D. Muller. 2,050,448; Aug. 11.  
Valve. T. W. Murphy. 2,050,853; Aug. 11.  
Valve. R. E. Newell. 2,055,133; Sept. 22.  
Valve. S. J. Nordstrom. 2,048,884; July 28.  
Valve. S. J. Nordstrom. 2,062,068; Nov. 24.  
Valve. E. Norton. 2,044,856; June 23.  
Valve. A. Novotny. 2,032,302; Feb. 25.
- Valve. G. A. Petroe. 2,026,704; Jan. 7.  
Valve. C. S. Pope. 2,028,844; Jan. 28.  
Valve. C. Ramstead. 2,057,976; Oct. 20.  
Valve. F. E. Riley. 2,064,567; Dec. 15.  
Valve. D. B. Smith. 2,026,916; Jan. 7.  
Valve. G. H. Smith. 2,051,350; Aug. 18.  
Valve. J. E. Spear. 2,030,332; Feb. 11.  
Valve. C. W. Sproull. 2,048,975; July 28.  
Valve. W. B. Thompson. 2,064,769; Dec. 15.  
Valve. L. R. Titcomb. 2,051,355; Aug. 18.  
Valve. S. Vorech. 2,040,580; May 12.  
Valve. A. V. Walker. 2,052,373; Aug. 25.  
Valve. B. B. Whittle. 2,041,669; May 19.  
Valve. B. B. Whittle. 2,060,388; Nov. 10.  
Valve. D. D. Wile. 2,051,509; Aug. 18.  
Valve. J. M. Wilkins. 2,058,747-8; Oct. 27.  
Valve. B. F. Williams. 2,065,637; Dec. 29.  
Valve. J. M. Wood. 2,028,815; Jan. 28.  
Valve. R. H. Zinkil. 2,028,581; Jan. 21.  
Valve actuating mechanism. H. C. Edwards. 2,047,061; July 7.  
Valve actuating mechanism. V. F. Zahodiakin. 2,030,345; Feb. 11.  
Valve actuator, Choke. E. J. Hifner. 2,032,752; Mar. 3.  
Valve adapter. P. W. Beggs. 2,047,764; July 14.  
Valve and accelerator for sprinkling systems, Dry pipe. J. E. Wallace and C. Dumas. 2,047,719; July 14.  
Valve and cage, Compressor. M. S. Shepherd. 2,041,970; May 26.  
Valve and control system. W. A. Ray. 2,046,882; July 7.  
Valve and coupling for volatile liquids, Hose. H. N. Wade. 2,061,012; Nov. 17.  
Valve and damper control for furnaces, Fuel. N. T. Branche. 2,037,363; Apr. 14.  
Valve and faucet. F. Meese. 2,062,422; Dec. 1.  
Valve and method, Gas reducing. M. H. Grove. 2,032,613; Mar. 3.  
Valve, and nozzle for fuel tanks and other containers, Combined closure filling. V. C. Smith. 2,043,337; June 9.  
Valve and pump construction for internal combustion engines, Port. H. A. Gehres. 2,065,688; Dec. 29.  
Valve and seat for internal combustion engines. F. A. Fahrenwald. 2,064,155; Dec. 15.  
Valve and system of control therefor, Automatic. F. A. Gauger. 2,051,295; Aug. 18.  
Valve and valve assembly. R. J. S. Pigot. 2,061,480; Nov. 17.  
Valve apparatus. D. D. Goldberg and A. R. Kligman. 2,054,812; Sept. 22.  
Valve apparatus, Thermionic. H. A. Ewen. 2,039,156; Apr. 28.  
Valve assembly. C. S. Baker. 2,040,542; May 12.  
Valve assembly. H. H. Bixler. 2,043,849; June 9.  
Valve assembly. O. F. Carlson. 2,051,938; Aug. 25.  
Valve assembly. W. J. Fiegel and W. S. Enderich. 2,048,789; July 28.  
Valve assembly, Collector main. C. V. McIntire. 2,027,548; Jan. 14.  
Valve attachment. S. E. Olenick. 2,051,313; Aug. 18.  
Valve attachment for humidifier fans. J. L. Skuttle. 2,052,850; Sept. 1.  
Valve bag. J. A. Rosmait. 2,040,335-6; May 12.  
Valve bag. J. A. Rosmait. 2,040,338; May 12.  
Valve bag, Moisture resistant. J. A. Rosmait. 2,040,337; May 12.  
Valve bag packing machine. W. N. Baker. 2,062,438; Dec. 1.  
Valve board. E. C. McMillan. 2,046,787; July 7.  
Valve bodies, Making. S. W. Sparks. 2,063,528; Dec. 8.  
Valve bonnet, Packless. J. W. Ruhstorfer. 2,049,516; Aug. 4.  
Valve cap for use with wheel or tire covers. H. S. Jandus. 2,031,955; Feb. 25.  
Valve combination for hydraulic brakes, Fluid distributing and bleeder. C. Sauzedde. 2,059,281; Nov. 3.  
Valve constrictor. F. R. Goehring. 2,034,573; Mar. 17.  
Valve construction. P. F. Berry. 2,028,131; Jan. 21.  
Valve construction. R. H. Gibbs. 2,048,858; July 28.  
Valve construction. V. W. Peterson. 2,042,186; May 26.  
Valve construction. J. C. Schellin. 2,063,699; Dec. 8.  
Valve construction. M. W. Sullins. 2,057,858; Oct. 20.  
Valve construction. E. J. Svenson. 2,051,278; Aug. 18.  
Valve construction. J. H. Taylor and E. H. Taylor. 2,065,628; Dec. 29.  
Valve construction, Denture. M. M. Rubinstein. 2,029,945; Feb. 4.  
Valve construction for radiators. G. A. Patterson. 2,054,711; Sept. 15.  
Valve control. R. G. La Fountain. 2,038,943; Apr. 28.  
Valve control, Automatic. P. H. Roberts. 2,039,662; May 5.  
Valve control, Automatic. B. M. Stubblefield, L. R. Thomas, and E. S. Harrar. 2,059,411; Nov. 3.  
Valve control, Eccentric. H. A. Centervall. 2,062,296; Dec. 1.  
Valve control, Electric. L. M. Persons. 2,052,987; Sept. 1.  
Valve control, Internal combustion engine automatic. W. H. Withers and F. D. McVitty. 2,057,354; Oct. 13.  
Valve control mechanism. P. A. Kinzie. 2,045,232; June 23.  
Valve control mechanism. R. H. Lowndes. 2,035,711; Mar. 31.



- Valve control mechanism for fluid distributing systems, Automatic. H. W. Macpherson. 2,044,437; June 16.
- Valve control, Modulating. P. F. Shivers. 2,052,537; Aug. 25.
- Valve control, Power reverse. J. S. Keen. 2,058,890; Oct. 27.
- Valve control system. G. H. Fisher. 2,054,368; Sept. 15.
- Valve control system. J. P. Kriebbaum. 2,048,162; July 21.
- Valve control system, Electric. M. Hürlimann. 2,034,676; Mar. 17.
- Valve control system, Electric. H. Winograd. 2,047,760; July 14.
- Valve control, Thermostatic. C. D. Bolin. 2,045,289; June 23.
- Valve controlling device. C. E. Parr. 2,050,372; Aug. 11.
- Valve controlling means. H. Brisacher. 2,060,723; Nov. 10.
- Valve controls for multicylindred internal combustion engines, Choke. C. E. Patton. 2,031,902; Feb. 25.
- Valve converting apparatus, Electric. P. M. Currier. 2,054,670; Sept. 15.
- Valve converting system, Electric. C. H. Willis. 2,034,126; Mar. 17.
- Valve converting system, Electric. C. H. Willis. 2,036,843-4; Apr. 7.
- Valve cooling means. W. J. Symons. 2,065,106; Dec. 22.
- Valve coupling, Cut-off and fluid distributing. F. Wagoner. 2,058,276; Oct. 20.
- Valve deflector, Intake. J. R. Merriam. 2,029,581; Feb. 4.
- Valve device. W. B. Parker. 2,040,015; May 5.
- Valve device, Brake controlling. C. C. Farmer and E. E. Hewitt. 2,038,167; Apr. 21.
- Valve device, Maintaining. E. E. Hewitt. 2,055,105; Sept. 22.
- Valve device, Pedestal brake. E. E. Hewitt. 2,061,906; Nov. 24.
- Valve device, Quick service. C. C. Farmer. 2,034,287; Mar. 17.
- Valve device, Retaining. C. C. Farmer. 2,048,328; July 21.
- Valve device, Thermionic. C. A. S. Jensen. 2,057,952; Oct. 20.
- Valve device, Thermostatic. W. S. Root, Jr. 2,062,937; Dec. 1.
- Valve device, Thermostatically operated. J. E. Golob. 2,060,301; Nov. 10.
- Valve device, Triple. C. C. Farmer. 2,032,169; Feb. 25.
- Valve device, Triple. C. C. Farmer. 2,034,289; Mar. 17.
- Valve device, Triple. E. R. Fitch. 2,035,059; Mar. 24.
- Valve device, Triple. J. C. McCune. 2,032,143; Feb. 25.
- Valve element and forming the same. H. L. Allen. 2,056,160; Oct. 6.
- Valve fabricating apparatus, Composite metal. G. R. Rich. 2,043,773; June 9.
- Valve for aerating systems. J. A. Martocello. 2,062,896; Dec. 1.
- Valve for automatic control of antiknock liquids. L. B. Kimball. 2,037,908; Apr. 21.
- Valve for bus heaters. L. C. Hyatt. 2,043,798; June 9.
- Valve for carburetors, Choke. F. C. Mock. 2,051,881; Aug. 25.
- Valve for clutch control mechanism. V. W. Kliesrath. 2,036,053; Mar. 31.
- Valve for controlling flow of milk and air in milking machines. C. H. Hapgood. 2,030,513; Feb. 11.
- Valve for core barrels. J. H. Howard. 2,035,887; Mar. 31.
- Valve for eliminating odor and smoke in exhaust gases. L. M. Crabb. 2,037,459; Apr. 14.
- Valve for fire hydrants, Check. S. N. Greenberg. 2,054,561; Sept. 15.
- Valve for fluid compressors, Unloader. F. L. Tarleton. 2,040,964; May 19.
- Valve for fluid operated mechanism, Pressure control. R. Erling. 2,044,777; June 23.
- Valve for fluid pressure pipes, Check. A. L. Parker. 2,044,629; June 16.
- Valve for gas torches. B. Bruneau. 2,043,982; June 16.
- Valve for high speed compressors. P. Dugelay. 2,065,062; Dec. 22.
- Valve for hot water systems, Relief. W. B. Clifford. 2,031,558; Feb. 18.
- Valve for hydraulic brake systems, Gravity safety. F. L. Klein. 2,058,595; Oct. 27.
- Valve for hydraulic brakes, Safety. F. M. Bentz. 2,046,315; July 7.
- Valve for hydraulic shock absorbers, Overflow. H. Wörner. 2,033,664; Mar. 10.
- Valve for inflatable balls. W. W. De Laney and P. S. Madsen. 2,065,120-1; Dec. 22.
- Valve for internal combustion engines. P. A. E. Armstrong. 2,052,862; Sept. 1.
- Valve for internal combustion engines. F. E. Bullock. 2,065,049; Dec. 22.
- Valve for internal combustion engines and the like, Rotary. R. C. Cross. 2,033,830; Apr. 28.
- Valve for internal combustion engines, Liquid fuel admission. L. Coatalen. 2,037,619; Apr. 14.
- Valve for liquid elevating apparatus, Control. W. H. Exley and W. Haddon. 2,047,319; July 14.
- Valve for liquid fuel burners. A. A. Halter. 2,043,892; June 9.
- Valve for nursing bottles. E. Geistlinger. 2,061,397; Nov. 17.
- Valve for outlets of receptacles and operating mechanism therefor. W. C. Groeniger. 2,052,565; Sept. 1.
- Valve for plate or film holders, Light. C. H. Roth. 2,056,144; Sept. 29.
- Valve for plumbing fixtures, Flow regulating control. J. M. Teaben. 2,059,760; Nov. 3.
- Valve for plunger lift devices, Period control. C. N. Scott. 2,064,272; Dec. 15.
- Valve for pneumatic engines. A. W. Arnold. 2,037,492; Apr. 14.
- Valve for radiators, Drain. T. N. Coffelder. 2,051,635; Aug. 18.
- Valve for rock drills. W. A. Smith, Sr., and A. R. Mack. 2,048,957; July 28.
- Valve for shock absorbers. R. I. Bates. 2,026,769; Jan. 7.
- Valve for shock absorbers. F. P. Becker. 2,043,572; June 9.
- Valve for siphon bottles, Charging. W. Brewer. 2,047,096; July 7.
- Valve for steam cookers. A. Eckert. 2,049,158; July 28.
- Valve for steam, Expansion. J. Laverigne. 2,028,675; Jan. 21.
- Valve for steam heating systems, Radiator. F. L. McDonough and H. Russell. 2,057,041; Oct. 13.
- Valve for tanks, Automatic shut-off. C. C. Haralson. 2,045,909; June 30.
- Valve for toilet tanks, Flush. A. Rosewood. 2,059,749; Nov. 3.
- Valve for unfired pressure vessels, Relief. T. W. Bradley. 2,036,391; Apr. 7.
- Valve for use with compressed or liquid gases, Nonreturn. E. Fernholz. 2,035,953; Mar. 31.
- Valve for vacuum brake systems, Fluid control. M. Paul and W. Gyr. 2,031,061; Feb. 18.
- Valve for vacuum sealing apparatus. J. De Voney. 2,052,872; Sept. 1.
- Valve for water heating systems, Automatic hydraulic. J. T. Barrow. 2,045,823; June 30.
- Valve gear for internal combustion engines. F. B. Halford. 2,036,936; Apr. 7.
- Valve gear mechanism, Auxiliary. A. O. Judson. 2,060,939; Nov. 17.
- Valve gear sleeves, Arrangement for operating engine. A. Kégresse. 2,040,206; May 12.
- Valve handle. J. Podolsky. 2,047,703; July 14.
- Valve handle extension. E. C. Hoelscher. 2,054,978; Sept. 22.
- Valve housing and making same. J. H. Taylor. 2,065,035; Dec. 22.
- Valve in the supporting surfaces of aeroplanes, Air-circulation. F. Mazzini. 2,039,179; Apr. 28.
- Valve in the supporting surfaces of aeroplanes, Air-circulation. F. Mazzini. 2,048,278; July 21.
- Valve insides. J. C. Crowley. 2,048,843; July 28.
- Valve lifter. M. F. Doyle. 2,033,025; Mar. 3.
- Valve lifter, Hydraulic. K. D. Jackson. 2,034,142; Mar. 17.
- Valve lock. R. L. Long. 2,036,763; Apr. 7.
- Valve-lubricating device. J. H. Pierce. 2,057,343; Oct. 13.
- Valve mechanism. L. D. Barner. 2,063,655; Dec. 8.
- Valve mechanism. A. T. Colwell. 2,052,279; Aug. 25.
- Valve mechanism. R. Eddy. 2,033,189; Mar. 10.
- Valve mechanism. F. Frelin. 2,052,874; Sept. 1.
- Valve mechanism. F. Frelin. 2,054,622; Sept. 15.
- Valve mechanism. T. Gannestad. 2,034,291; Mar. 17.
- Valve mechanism. S. L. Kerr. 2,052,572; Sept. 1.
- Valve mechanism. H. H. Mercer. 2,062,816; Dec. 1.
- Valve mechanism. G. J. Morris. 2,033,442; Mar. 10.
- Valve mechanism. W. Noble. 2,063,047; Dec. 8.
- Valve mechanism. H. Roberts and C. H. Robertson. 2,060,748; Nov. 10.
- Valve mechanism. L. J. Vetrano. 2,039,465; May 5.
- Valve mechanism and actuating means therefor. G. S. McKee and H. L. Galson. 2,031,614; Feb. 25.
- Valve mechanism, Automatically operated. C. J. Ruzicka. 2,051,180; Aug. 18.
- Valve mechanism, Back pressure. O. M. Davis. 2,059,443; Nov. 3.
- Valve mechanism, Float controlled. H. Edgerton. 2,054,560; Sept. 15.
- Valve mechanism for controlling a drier. G. M. Gibson. 2,062,126; Nov. 24.
- Valve mechanism for rock drills. C. A. Hultquist. 2,055,497; Sept. 29.
- Valve mechanism for rock drills. W. A. Morrison. 2,051,616; Aug. 18.
- Valve mechanism for rock drills. R. H. Smickle. 2,036,651; Apr. 7.
- Valve mechanism, Internal combustion engine. H. M. Coulling. 2,028,138; Jan. 21.
- Valve mechanism of internal combustion engines. C. B. Redrup. 2,042,730; June 2.
- Valve mechanism, Quick service. E. R. Fitch. 2,061,901; Nov. 24.
- Valve, more particularly for siphon discharge apparatus, Hydrostatic. R. Niccolai. 2,029,939; Feb. 4.
- Valve operating apparatus. A. B. Wood and H. W. Barnett. 2,042,574; June 2.
- Valve operating apparatus, Selective. N. R. Andrews. 2,064,814; Dec. 22.
- Valve operating device. E. F. Fisher. 2,046,255; June 30.
- Valve operating device. R. H. Zinkil. 2,033,666; Mar. 10.



- Valve operating means. C. P. Walker. 2,038,252; Apr. 21.
- Valve operating mechanism. W. B. Atchinson. 2,027,363; Jan. 14.
- Valve operating mechanism. G. Cawley. 2,030,571; Feb. 11.
- Valve operating mechanism. J. E. Kimbirl. 2,050,972; Aug. 11.
- Valve operating mechanism. R. K. Lee. 2,065,081; Dec. 22.
- Valve operating mechanism. R. C. Russell. 2,050,766; Aug. 11.
- Valve operating mechanism. R. C. Russell. 2,053,743; Sept. 8.
- Valve operating mechanism. P. F. Shivers. 2,052,947; Sept. 1.
- Valve operating mechanism for internal combustion engines. S. H. Attwood. 2,030,844; Feb. 18.
- Valve operating unit. C. H. Beckwith. 2,028,696; Jan. 21.
- Valve or drain plug. J. H. Williams. 2,028,177; Jan. 21.
- Valve protective system, Electric. E. Fässler. 2,063,237; Dec. 8.
- Valve protective system, Electric. F. Mertens. 2,029,270; Jan. 28.
- Valve rectifying system, Electric. C. H. Willis. 2,063,648; Dec. 8.
- Valve regulator. V. F. Davis. 2,050,042; Aug. 4.
- Valve removing tool. F. Sandell. 2,054,138; Sept. 15.
- Valve reseating tool. L. D. Ferrell. 2,044,938; June 23.
- Valve reseating tool. B. McKenna. 2,059,383; Nov. 3.
- Valve seat. F. R. Noss. 2,053,006; Sept. 1.
- Valve seat cutter. B. F. Stowell and R. S. Pyne. 2,036,656; Apr. 7.
- Valve seat for air blast valves. G. Fox. 2,042,301; May 26.
- Valve seat grinding machine. F. O. Albertson. 2,042,759; June 2.
- Valve seat member. A. A. Lane. 2,059,370; Nov. 3.
- Valve seat puller. B. F. Stowell. 2,036,657; Apr. 7.
- Valve seat puller. C. White and O. B. Graham. 2,036,665; Apr. 7.
- Valve seat replacement. L. Mellinkoff. 2,044,950; June 23.
- Valve seat, Resurfacing. H. G. Miller. 2,052,101; Aug. 25.
- Valve seat ring and securing same. R. Jardine. 2,035,165; Mar. 24.
- Valve seat tool. F. O. Albertson. 2,065,486; Dec. 22.
- Valve seats, Apparatus for renewing worn. C. H. Cleveland, C. A. Heine and J. T. Allison. 2,026,821; Jan. 7.
- Valve seats, Installing. R. Burston. 2,066,136; Dec. 29.
- Valve seats, Producing. E. W. O'Malley. 2,034,829; Mar. 24.
- Valve seats, Resurfacing. E. O'Malley. 2,058,715; Oct. 27.
- Valve separator, or similar element with the face piece of a respirator, gas mask, or the like, Connecting an exhalation. N. Schwartz. 2,029,129; Jan. 28.
- Valve spring. W. R. Griswold. 2,040,435; May 12.
- Valve spring arrangement. M. Gaultier. 2,041,539; May 19.
- Valve spring lifter. H. W. Kulp. 2,064,264; Dec. 15.
- Valve spring lifter. B. W. I. Worrall. 2,049,484; Aug. 4.
- Valve spring retainer lock. A. T. Colwell. 2,065,794; Dec. 29.
- Valve stem. A. E. Bronson. 2,038,473; Apr. 21.
- Valve stem. J. C. Crowley. 2,028,592; Jan. 21.
- Valve stem and handle locking means. F. Perry. 2,041,300; May 19.
- Valve stem, Flexible. B. C. Eberhard. 2,049,252; July 28.
- Valve stem handle. J. Newmark. 2,043,418; June 9.
- Valve stem packing, Method of. C. E. Johnson. 2,061,874; Nov. 24.
- Valve structure. J. Arnold. 2,053,456; Sept. 8.
- Valve structure. H. R. McPhail. 2,063,111; Dec. 8.
- Valve structure. E. H. Mueller. 2,031,121; Feb. 18.
- Valve structure. E. A. Seymour. 2,059,045; Oct. 27.
- Valve structure for pumping systems. H. J. Marlowe. 2,064,265; Dec. 15.
- Valve structure, Pressure operated. W. H. Finley and C. H. Hamilton. 2,064,343; Dec. 15.
- Valve structure, Thermostat. A. Peteler. 2,063,621; Dec. 8.
- Valve structure, Wrought metal. L. G. Plant. 2,054,445; Sept. 15.
- Valve system for dispensing liquids. A. E. Jurs. 2,057,834; Oct. 20.
- Valve system, High frequency fluid cooled thermionic. C. S. Franklin and E. Green. 2,039,160; Apr. 28.
- Valve tappet. E. C. Biewend and W. R. Konkle. 2,032,906; Mar. 3.
- Valve tappet. C. Voorhies. 2,051,232; Aug. 18.
- Valve tappets, Making. G. Schneider. 2,055,342; Sept. 22.
- Valve testing device. C. C. Farmer. 2,032,121; Feb. 25.
- Valve timing device, Internal combustion motor. L. H. Kiene. 2,033,140; Mar. 10.
- Valve to be used on sewers, drains, and the like, Backwater. H. Wagner. 2,048,088; July 21.
- Valve-vacuum breaker, Air. W. C. Groeniger. 2,033,467; Mar. 10.
- Valved coupling. R. Ravelo. 2,066,122; Dec. 29.
- Valves, Fabricating wrought metal gate. L. G. Plant. 2,034,418; Mar. 17.
- Valves in internal combustion engines, Cooling the. A. Baj. 2,063,779; Dec. 8.
- Valves, Lubricating and cooling engine. W. B. Ullrich. 2,057,123; Oct. 13.
- Valves, Making hollow forged. W. Scrimgeour. 2,029,507; Feb. 4.
- Valves, Making hollow head. A. T. Colwell. 2,030,500; Feb. 11.
- Vanadium compounds of N-methylene sulphonic acids of diamino dihydroxy arsenobenzene and sodium salts thereof. G. W. Raiziss and A. I. Kremens. 2,049,662; Aug. 4.
- Vane for fans or the like, Guiding. R. De Mey. 2,029,813; Feb. 4.
- Vanillin, Making. L. T. Sandborn, J. R. Salvesen, and G. C. Howard. 2,057,117; Oct. 13.
- Vanity case. R. C. Bangs. 2,043,726; June 9.
- Vanity case. L. Esterow and A. Klein. 2,056,935; Oct. 13.
- Vanity case. J. Kreisler. 2,062,363; Dec. 1.
- Vanity case. A. Mitchell. 2,064,844; Dec. 22.
- Vanity case. S. Morrison. 2,041,259-60; May 19.
- Vanity case. W. T. Parkin. 2,035,830-2; Mar. 31.
- Vanity case. A. F. Reilly. 2,034,667; Mar. 17.
- Vanity case. C. G. Sandberg. 2,054,004; Sept. 8.
- Vanity case and the like. P. Gutenstein. 2,060,466; Nov. 10.
- Vanity case construction. F. Spitalny. 2,059,821; Nov. 3.
- Vanity case or compact. H. B. Clegg. 2,031,933; Feb. 25.
- Vapor, and burning stumps thereby, Apparatus for heating. J. Jones. 2,040,485; May 12.
- Vapor bath apparatus. G. Metzger. 2,041,852; May 26.
- Vapor condensing and liquid cooling apparatus. N. H. Gay. 2,046,554; July 7.
- Vapor electric converter. E. G. Bangratz. 2,036,189; Apr. 7.
- Vapor electric converter. C. E. Haller. 2,053,431; Sept. 8.
- Vapor electric converter. J. Slepian. 2,050,390; Aug. 11.
- Vapor electric device. D. E. Henry. 2,026,941; Jan. 7.
- Vapor electric device. C. A. Sabbah and F. H. Anderson. 2,043,839; June 9.
- Vapor electric discharge device. T. W. Frech. 2,056,665; Oct. 6.
- Vapor electric discharge device. L. Leroy. 2,040,748; May 12.
- Vapor-electric discharge device. W. F. Winter, Jr. 2,053,930; Sept. 8.
- Vapor, Generating. H. Gleichmann. 2,035,879; Mar. 31.
- Vapor generator operation. C. E. Lucke. 2,061,363; Nov. 17.
- Vapor phase cracking apparatus. I. M. Levine. 2,035,239; Mar. 24.
- Vapor phase cracking apparatus. G. M. Pfau and H. H. Pruitt. 2,035,275; Mar. 24.
- Vapor phase cracking apparatus. E. W. Zublin. 2,045,114; June 23.
- Vapor phase oxidation. R. Riegler. 2,030,800; Feb. 11.
- Vapor phase treatment of unsaturated hydrocarbons. A. S. Ramage and O. L. Smith. 2,035,189; Mar. 24.
- Vapor pressure gauge. M. E. Cheney and A. P. Brietzke. 2,034,606; Mar. 17.
- Vapor recovery system. K. S. Clapp. 2,065,429; Dec. 22.
- Vapor regulator. L. H. Gillick and E. A. Russell. 2,030,580; Feb. 11.
- Vapor saturation, Method of and apparatus for producing. J. C. Harris, Jr. 2,042,991; June 2.
- Vapor supplying device for motors. E. L. Bloomberg. 2,048,175; July 21.
- Vaporization apparatus. E. Silten. 2,040,630; May 12.
- Vaporizer. W. H. Fischer. 2,061,148; Nov. 17.
- Vaporizer. W. T. Page. 2,050,117; Aug. 4.
- Vaporizer. J. Robinson. 2,030,898; Feb. 18.
- Vaporizer and humidifier, Electric. P. E. Edelman. 2,049,899; Aug. 4.
- Vaporizer device. J. Robinson. 2,030,075; Feb. 11.
- Vaporizer, Electric. M. Katzman. 2,051,719; Aug. 18.
- Vaporizer, Engine fuel. C. W. Philip. 2,061,043; Nov. 17.
- Vaporizer for internal combustion engines. A. Seidel. 2,039,353; May 5.
- Vaporizer, Heavy fuel. E. A. Johnston, H. F. Bryan, and H. H. Turner. 2,028,333; Jan. 21.
- Vaporizer, Sulphur. A. M. Harkness. 2,046,818; July 7.
- Vaporizing apparatus. H. Rosenfeld. 2,058,723; Oct. 27.
- Vaporizing device. P. R. Fortin. 2,045,903; June 30.
- Vaporizing generator. B. W. Tullis. 2,040,223; May 12.
- Vaporizing unit for therapeutic apparatus. C. L. Whittemore, Jr. 2,057,353; Oct. 13.
- Vapors, Apparatus for generating. E. Silten. 2,033,489; Mar. 10.
- Vapors, Treatment of hydrogen peroxide. C. W. Tucker. 2,049,979; Aug. 4.
- Variable capacity pump. E. C. Linthicum. 2,048,272; July 21.
- Variable condenser. M. Osnos. 2,042,957; June 2.
- Variable condenser. R. E. Sagle. 2,052,316; Aug. 25.
- Variable electric condenser. A. Hammer and E. Schäfer. 2,057,097; Oct. 13.
- Variable resistance units, Making. L. Podolsky. 2,060,114; Nov. 10.
- Variable speed motor. J. A. Ramos. 2,054,446; Sept. 15.
- Variable tuning condenser. J. Antonietta. 2,046,994; July 7.
- Varnish. H. S. Rothrock. 2,047,597; July 14.
- Varnish and process, Synthetic resin. J. D. Cochrane, Jr. 2,038,345; Apr. 21.



- Varnish bases, Manufacture of. A. Heck. 2,027,338; Jan. 7.
- Varnish basis and making same. C. Ellis. 2,033,133; Mar. 10.
- Varnish composition. J. B. Dietz and E. F. Oeffinger. 2,028,758; Jan. 28.
- Varnish compositions and making same. L. C. Swallen. 2,055,953; Sept. 29.
- Varnish compositions, Synthetic resin. C. L. Gabriel. 2,033,280-1; Mar. 10.
- Varnish compositions, Synthetic resin. C. L. Gabriel. 2,063,239-40; Dec. 8.
- Varnish, Oil. W. Breuers and H. Schatz. 2,060,412; Nov. 10.
- Varnish resins, varnishes, and like coating compositions, Manufacture of. A. Heck. 2,027,339; Jan. 7.
- Varnishes and the like, Manufacture of transparent colored. G. Dingwall and J. Oberhauser. 2,047,674; July 14.
- Vase. M. Fleckles. 2,049,645; Aug. 4.
- Vase. A. R. Thomas. 2,062,684; Dec. 1.
- Vase, Ground-level cementery. S. Ellis. 2,029,314; Feb. 4.
- Vase, Sectional beauty. G. B. Hart. 2,043,375; June 9.
- Vat-dyestuffs of the anthraquinone series and making the same. W. Moser and W. Fioroni. 2,031,058; Feb. 18.
- Vat, Insulated concrete. C. U. Haverly. 2,056,721; Oct. 6.
- Vault. J. H. Roberts. 2,034,633; Mar. 17.
- Vault, Burial. J. D. Canedy. 2,058,130; Oct. 20.
- Vault, Burial. R. Cohen. 2,056,419; Oct. 6.
- Vault, Burial. R. S. Donahey. 2,063,421; Dec. 8.
- Vault, Burial. P. C. Friedel and H. J. Kobe. 2,059,941; Nov. 3.
- Vault, Burial. A. Gundlach. 2,063,806; Dec. 8.
- Vault, Burial. W. W. Haase. 2,040,128; May 12.
- Vault, Burial. H. F. Kuettner. 2,038,300; Apr. 21.
- Vault, Burial. F. J. Mead. 2,036,816; Apr. 7.
- Vault, Burial. E. F. Nickol. 2,046,204; June 30.
- Vault, Burial. O. A. Thompson. 2,036,108; Mar. 31.
- Vault hood, Grave. A. F. Beck. 2,062,492; Dec. 1.
- Vault hoods, Producing grave. A. F. Beck. 2,033,809; Mar. 10.
- Vault locking mechanism, Burial. C. J. King. 2,038,794; Apr. 28.
- Vault, Sheet metal burial. H. W. Robinson. 2,053,049; Sept. 1.
- Vault, Sidewalk. L. C. Hagan. 2,064,538; Dec. 15.
- Vault, Waterproof burial. F. J. Mead. 2,038,120; Apr. 21.
- Vaults, Apparatus for lowering and handling burial. L. V. Troup. 2,039,464; May 5.
- Vegetable and fruit skin removing device. N. T. Brown. 2,041,111; May 19.
- Vegetable cutter. F. H. Miller. 2,055,749; Sept. 29.
- Vegetable cutting machine. D. J. Jokubaitis. 2,039,962; May 5.
- Vegetable hydrating apparatus. B. F. Bird. 2,039,768; May 5.
- Vegetable material, Drying and/or storing of. H. Edholm. 2,036,127; Mar. 31.
- Vegetable material, Refining. W. Hentrich and F. H. von und zu Guttenberg. 2,042,938; June 2.
- Vegetable matter from animal fibers, Detecting and separating fibrous. A. K. Fitger and C. R. Dumble. 2,046,940; July 7.
- Vegetable matter, Preserving. G. Madaus. 2,065,863; Dec. 29.
- Vegetable peeling machine. J. J. Wortelboer. 2,038,048; Apr. 21.
- Vegetable phosphatide preparations, Production of. A. Schwiager. 2,057,695; Oct. 20.
- Vegetable slicing device. R. L. Marchfield. 2,061,711; Nov. 24.
- Vegetable slicing machine. H. R. Irick. 2,041,766; May 26.
- Vegetable top cutter. A. Guerrero. 2,049,837; Aug. 4.
- Vegetables and the like in fresh condition, Apparatus for maintaining. W. A. Reich and C. H. Smallwood. 2,055,731; Sept. 29.
- Vegetables, Apparatus for peeling. A. Mikelson. 2,039,490; May 5.
- Vegetables, Packing fresh. D. L. Taylor. 2,052,854; Sept. 1.
- Vegetation, Preventing injury to frosted. C. H. Rutherford. 2,057,316; Oct. 13.
- Vegetation, Treating. G. S. Hales. 2,029,166; Jan. 28.
- Vehicle. W. C. Anthony and L. Wachter. 2,057,655; Oct. 20.
- Vehicle. H. J. Dillon. 2,048,926; July 28.
- Vehicle. J. A. Dorst. 2,065,516; Dec. 29.
- Vehicle. W. B. Fogh. 2,032,568; Mar. 3.
- Vehicle. E. R. Greer. 2,042,780; June 2.
- Vehicle. A. G. Herreshoff. 2,044,610; June 16.
- Vehicle. V. W. Kliesrath. 2,039,317; May 5.
- Vehicle. R. Laborda. 2,066,043; Dec. 29.
- Vehicle. P. Lim. 2,046,175; June 30.
- Vehicle. G. F. Myers. 2,055,502; Sept. 29.
- Vehicle. J. E. Norman. 2,052,645; Sept. 1.
- Vehicle. R. S. Sanford. 2,045,027; June 23.
- Vehicle. H. G. Schaefer. 2,032,721; Mar. 3.
- Vehicle. S. Smith. 2,049,474; Aug. 4.
- Vehicle. R. R. Webber. 2,048,579-80; July 21.
- Vehicle. W. E. Yunker. 2,035,416; Mar. 24.
- Vehicle and braking system therefor, Motor. H. M. Rockwell. 2,064,688; Dec. 15.
- Vehicle and construction. W. M. Sheehan. 2,063,058; Dec. 8.
- Vehicle and lateral motion resistance device therefor, Railway. J. G. Blunt. 2,047,668; July 14.
- Vehicle and windshield cleaner therefor, Motor. G. Dykstra. 2,045,128; June 23.
- Vehicle antenna, Motor. C. H. Vincent. 2,055,830; Sept. 29.
- Vehicle, Articulated track. H. Liechty. 2,030,010; Feb. 4.
- Vehicle attachment. W. D. Sargent. 2,053,447; Sept. 8.
- Vehicle, Automarine. A. E. Cook. 2,048,181; July 21.
- Vehicle, Automatic drop-bottom dump. H. W. Sanford. 2,036,644; Apr. 7.
- Vehicle, Automotive. H. W. Alden and L. R. Buckendale. 2,044,196; June 16.
- Vehicle, Automotive. J. Haltenberger. 2,055,975; Sept. 29.
- Vehicle, Automotive. H. E. Swift. 2,042,079; May 26.
- Vehicle bodies, Construction of motor. L. B. Henderson. 2,034,982; Mar. 24.
- Vehicle body. R. L. Carr. 2,028,143; Jan. 21.
- Vehicle body. R. L. Carr. 2,036,118; Mar. 31.
- Vehicle body. R. L. Carr. 2,043,652; June 9.
- Vehicle body. R. L. Carr. 2,046,725; July 7.
- Vehicle body. A. Davis, Jr. 2,029,756; Feb. 4.
- Vehicle body. A. H. Haberstump. 2,041,757; May 26.
- Vehicle body. J. R. Hughes. 2,034,759; Mar. 24.
- Vehicle body. A. E. Northup. 2,032,630; Mar. 3.
- Vehicle body. M. Schankin. 2,058,181; Oct. 20.
- Vehicle body. F. Steinecke. 2,055,594; Sept. 29.
- Vehicle body. F. J. Westrope. 2,040,680; May 12.
- Vehicle body and door therefor. S. Smith. 2,050,070; Aug. 4.
- Vehicle body and hoist structure. C. G. Eisenberg, Jr. 2,027,421; Jan. 14.
- Vehicle body construction. J. Ledwinka. 2,058,328; Oct. 20.
- Vehicle body construction. F. E. Montgomery. 2,043,804; June 9.
- Vehicle body, Demountable. B. F. Fitch. 2,047,956; July 21.
- Vehicle body frame construction, Road. W. B. Fageol. 2,039,215; Apr. 28.
- Vehicle body front construction. W. Swallow. 2,058,923; Oct. 27.
- Vehicle body, Motor. H. Ledwinka. 2,064,380; Dec. 15.
- Vehicle body, Refrigerating. M. M. Dean. 2,050,425; Aug. 11.
- Vehicle body suspension means, Resilient. R. W. Sellman. 2,045,028; June 23.
- Vehicle body ventilator. W. and A. R. Lintern. 2,036,485; Apr. 7.
- Vehicle, Bottom dump. W. P. Scott. 2,060,130; Nov. 10.
- Vehicle brake. F. W. Bennington. 2,048,053; July 21.
- Vehicle brake. H. Bold. 2,055,330; Sept. 22.
- Vehicle brake. H. N. Charles and H. E. C. Cousins. 2,040,200; May 12.
- Vehicle brake. H. E. C. Cousins. 2,040,202; May 12.
- Vehicle brake. E. Engel. 2,065,176; Dec. 22.
- Vehicle brake. O. A. Moneymaker. 2,064,026; Dec. 15.
- Vehicle brake. A. E. Roberts. 2,059,913; Nov. 3.
- Vehicle brake. C. H. Rogers. 2,026,595; Jan. 7.
- Vehicle brake. T. C. E. Rowland and H. Parker. 2,049,628; Aug. 4.
- Vehicle brake. W. G. Wall. 2,037,867-8; Apr. 21.
- Vehicle brake, Motor. D. F. Zook. 2,044,490; June 16.
- Vehicle breaking mechanism. C. H. Rogers. 2,055,775; Sept. 29.
- Vehicle chain. A. N. Scott. 2,038,684; Apr. 28.
- Vehicle chassis frame. W. Swallow. 2,066,019; Dec. 29.
- Vehicle, Child's play. C. P. Ninekirk. 2,031,176; Feb. 18.
- Vehicle, Child's wheeled. J. H. Stevenson. 2,031,015; Feb. 18.
- Vehicle closure and operating means therefor. H. E. Kelly. 2,035,895; Mar. 31.
- Vehicle, Combination. D. Shreffler. 2,062,800; Dec. 1.
- Vehicle, Combined freight and tank. J. P. Lawrenson. 2,026,687; Jan. 7.
- Vehicle, Combined road and rail. K. Y. Messick. 2,030,311; Feb. 11.
- Vehicle construction. H. J. Edwards. 2,059,626; Nov. 3.
- Vehicle construction. D. Fergusson. 2,041,599; May 19.
- Vehicle construction. A. A. Grinnell. 2,064,536; Dec. 15.
- Vehicle construction. N. P. Larsen. 2,063,388; Dec. 8.
- Vehicle construction. J. Ledwinka. 2,037,664; Apr. 14.
- Vehicle construction. R. P. Schirf. 2,039,983; May 5.
- Vehicle construction. H. W. Stone. 2,052,056; Aug. 25.
- Vehicle construction, Motor. E. C. Horton. 2,049,009; July 28.
- Vehicle construction, Motor. E. S. MacPherson and J. J. Punke. 2,051,263; Aug. 18.
- Vehicle construction, Transport. E. J. Dondlinger. 2,062,120; Nov. 24.
- Vehicle control. N. F. Hadley and E. J. Delahanty. 2,029,165; Jan. 28.
- Vehicle control device, Motor. C. T. Jacobs. 2,051,606; Aug. 18.
- Vehicle control mechanism. J. Good. 2,035,124; Mar. 24.
- Vehicle control mechanism. E. D. Johnson. 2,036,700; Apr. 7.
- Vehicle control mechanism, Motor. S. Johnson, Jr. 2,062,812; Dec. 1.
- Vehicle control, Motor. C. A. Brewer. 2,045,516; June 23.



- Vehicle control, Motor. A. K. Brumbaugh. 2,044,055; June 16.
- Vehicle coupling. C. L. Graham. 2,051,522; Aug. 18.
- Vehicle coupling, Flexible and resilient. L. E. Lubbers. 2,027,990; Jan. 14.
- Vehicle direction indicator. J. H. de Murguiondo. 2,052,105; Aug. 25.
- Vehicle direction indicator. R. Heinemann. 2,028,664; Jan. 21.
- Vehicle driver's permit and registration card holder, Motor. J. Chuchie. 2,027,676; Jan. 14.
- Vehicle driving mechanism, Automotive. F. H. Ott. 2,044,182; June 16.
- Vehicle driving mechanism, Motor. H. A. Flogaus. 2,037,464; Apr. 14.
- Vehicle, Dump. H. F. Flowers. 2,029,995; Feb. 4.
- Vehicle, Dump. H. F. Flowers. 2,032,840; Mar. 3.
- Vehicle, Dumping. J. S. Edwards. 2,034,674; Mar. 17.
- Vehicle, Dumping. C. N. Teetor. 2,033,209; Mar. 10.
- Vehicle, Electric. S. E. Newhouse. 2,060,521; Nov. 10.
- Vehicle end framing. W. H. Mussey and M. P. Blomberg. 2,030,462; Feb. 11.
- Vehicle, Endless track. A. Kégresse. 2,044,306-7; June 16.
- Vehicle equipment, Land. W. T. Backus. 2,036,560; Apr. 7.
- Vehicle, Folding. J. E. Guy. 2,061,623; Nov. 24.
- Vehicle for collecting and transporting refuse. J. Ochsen. 2,062,924; Dec. 1.
- Vehicle for mixing concrete and like materials. O. C. Barrymore. 2,038,158; Apr. 21.
- Vehicle for road building and repairing. J. Van Vorst and G. M. Baker. 2,030,555; Feb. 11.
- Vehicle frame adjusting means, Motor. R. D. Smith and F. J. Fransen. 2,059,972; Nov. 3.
- Vehicle frame, Pneumatic shock absorbing. J. Garlick. 2,032,873; Mar. 3.
- Vehicle guide means. D. W. Main. 2,043,703; June 9.
- Vehicle heating and cooling system, Motor. E. C. Horton. 2,028,069; Jan. 14.
- Vehicle heating system. W. H. Mussey. 2,044,733; June 16.
- Vehicle, Highway-rail. J. H. Adair. 2,061,298; Nov. 17.
- Vehicle identifying means, Motor. E. B. Wallace. 2,042,689; June 2.
- Vehicle in a conveyance, Device for positioning a. V. G. Gwatkin. 2,036,212; Apr. 7.
- Vehicle indicating lamp. J. C. Lester. 2,031,170; Feb. 18.
- Vehicle jack. H. J. Marlowe. 2,029,179; Jan. 28.
- Vehicle jack. J. Pymm. 2,037,534; Apr. 14.
- Vehicle jack. M. A. Tirabasso. 2,031,393; Feb. 18.
- Vehicle jack. T. C. White. 2,054,211; Sept. 15.
- Vehicle jack, Hydraulic. E. F. Green. 2,039,896; May 5.
- Vehicle jacking structure. F. E. Beach. 2,054,568; Sept. 15.
- Vehicle lamp. M. J. Neeley. 2,057,965; Oct. 20.
- Vehicle, Land and water. A. Ruzicka. 2,039,608; May 5.
- Vehicle lift, Motor. H. R. Tear. 2,052,118-19; Aug. 25.
- Vehicle lifting and rocking apparatus, Combined. P. J. Kroll. 2,065,714; Dec. 29.
- Vehicle lifting and traversing device. B. Walker. 2,054,842; Sept. 22.
- Vehicle, Load weighing. E. A. Wickstrom. 2,041,987; May 26.
- Vending machine and control mechanism therefor. F. K. Maitland. 2,063,108; Dec. 8.
- Vehicle, Manually operated water. F. Baker. 2,036,185; Apr. 7.
- Vehicle, Motor. F. G. Alborn. 2,035,212; Mar. 24.
- Vehicle, Motor. B. B. Bachman. 2,064,100; Dec. 15.
- Vehicle, Motor. E. K. Baker. 2,046,602; July 7.
- Vehicle, Motor. L. L. Beltz. 2,037,058; Apr. 14.
- Vehicle, Motor. F. C. Best. 2,043,228; June 9.
- Vehicle, Motor. F. C. Best. 2,059,305; Nov. 3.
- Vehicle, Motor. J. M. Christman. 2,049,689; Aug. 4.
- Vehicle, Motor. H. S. Eberhard. 2,049,643; Aug. 4.
- Vehicle, Motor. J. R. Ferguson. 2,054,123; Sept. 15.
- Vehicle, Motor. H. Ford. 2,037,126; Apr. 14.
- Vehicle, Motor. C. Frederickson. 2,032,657; Mar. 3.
- Vehicle, Motor. W. R. Griswold. 2,034,944; Mar. 24.
- Vehicle, Motor. W. R. Griswold. 2,045,011; June 23.
- Vehicle, Motor. W. H. A. Gubitz. 2,033,520; Mar. 10.
- Vehicle, Motor. H. Hierta. 2,058,228; Oct. 20.
- Vehicle, Motor. G. H. Hooper. 2,042,431; May 26.
- Vehicle, Motor. E. C. Horton. 2,049,010; July 28.
- Vehicle, Motor. V. W. Kliesrath. 2,039,318; May 5.
- Vehicle, Motor. V. W. Kliesrath. 2,059,245-6; Nov. 3.
- Vehicle, Motor. A. L. Knapp. 2,029,534; Feb. 4.
- Vehicle, Motor. R. K. Lee. 2,065,080; Dec. 22.
- Vehicle, Motor. A. Moorhouse. 2,060,684; Nov. 10.
- Vehicle, Motor. F. Nallinger. 2,033,731; Mar. 10.
- Vehicle, Motor. E. B. Nevin. 2,043,057; June 2.
- Vehicle, Motor. M. Olley. 2,053,575; Sept. 8.
- Vehicle, Motor. C. R. Paton. 2,051,571; Aug. 18.
- Vehicle, Motor. C. R. Paton. 2,062,475; Dec. 1.
- Vehicle, Motor. O. F. Quartullo. 2,041,484; May 19.
- Vehicle, Motor. F. Riemerschmid. 2,061,290; Nov. 17.
- Vehicle, Motor. F. Ruediger. 2,036,437; Apr. 7.
- Vehicle, Motor. C. W. Van Ranst. 2,027,329; Jan. 7.
- Vehicle, Motor. J. G. Vincent. 2,053,854; Sept. 8.
- Vehicle, Motor. J. G. Vincent. 2,056,750; Oct. 6.
- Vehicle, Motor. M. Wagner. 2,038,326; Apr. 21.
- Vehicle, Motor driven. G. C. Street, Jr. 2,061,719; Nov. 24.
- Vehicle, Plastic concrete delivery. L. A. Perry. 2,034,417; Mar. 17.
- Vehicle, Power driven. M. Wagner. 2,035,032; Mar. 24.
- Vehicle power transmission, Motor. G. L. McCain. 2,058,245; Oct. 20.
- Vehicle power transmitting system. C. A. Neracher. 2,034,767; Mar. 24.
- Vehicle, Rail. E. H. Piron. 2,033,864; Mar. 10.
- Vehicle, Rail-highway. E. Wanamaker. 2,043,134; June 2.
- Vehicle, Railway. D. S. Barrows. 2,059,963; Nov. 3.
- Vehicle, Railway. C. W. A. Koelkebeck. 2,047,148; July 7.
- Vehicle rear end and spotlight switch, Motor. G. D. Knodle. 2,060,377; Nov. 10.
- Vehicle, Road. A. C. Stevenson. 2,032,511; Mar. 3.
- Vehicle, Road tank. A. Davis, Jr. 2,033,457; Mar. 10.
- Vehicle rocking machine. P. J. Kroll. 2,030,174; Feb. 11.
- Vehicle safety brake. M. S. Graves. 2,061,029; Nov. 17.
- Vehicle, Self-propelled. W. D. Kimball, L. J. Hedden, and C. L. Arnold. 2,053,835; Sept. 8.
- Vehicle service indicator, Motor. L. E. Deibler. 2,029,468; Feb. 4.
- Vehicle servicing apparatus, Motor. A. W. Dainos. 2,052,451; Aug. 25.
- Vehicle signal. H. C. Doane. 2,040,923; May 19.
- Vehicle signal. C. Sprouse. 2,047,896; July 14.
- Vehicle signal, Motor. L. J. Binder. 2,057,760; Oct. 20.
- Vehicle signal, Motor. F. Rock. 2,026,752; Jan. 7.
- Vehicle signaling switch. J. H. McCloud, S. M. McCaskill, and F. S. Sherman. 2,065,237; Dec. 22.
- Vehicle, Slide dump. G. E. and A. P. Armington. 2,047,051; July 7.
- Vehicle speed telltale. O. Stankey. 2,060,907; Nov. 17.
- Vehicle spring. C. W. Clauson. 2,061,651; Nov. 24.
- Vehicle spring. F. W. Stilwell. 2,054,305; Sept. 15.
- Vehicle spring, Scissor action. J. Hickman. 2,034,577; Mar. 17.
- Vehicle, Spring-supported. R. D. Kneale. 2,027,913; Jan. 14.
- Vehicle spring suspension. A. F. Hickman. 2,031,482; Feb. 18.
- Vehicle spring suspension. J. V. Pernice. 2,028,991; Jan. 28.
- Vehicle spring suspension. E. R. Wolf. 2,032,456; Mar. 3.
- Vehicle spring unit. L. A. Laursen. 2,052,930; Sept. 1.
- Vehicle steering mechanism. J. B. Strauss. 2,057,930; Oct. 20.
- Vehicle storage structure. F. L. Francisco. 2,061,420; Nov. 17.
- Vehicle, Streamlined automotive. H. W. Kizer. 2,048,454; July 21.
- Vehicle structure. H. J. Dillon. 2,059,854; Nov. 3.
- Vehicle structure, Railway. C. F. Frede. 2,065,573; Dec. 29.
- Vehicle supporting and checking apparatus. R. D. Smith. 2,045,109; June 23.
- Vehicle suspension. A. H. G. Girling. 2,049,904; Aug. 4.
- Vehicle suspension. M. Wagner. 2,030,557; Feb. 11.
- Vehicle tail gate. E. Zeuthen. 2,058,049; Oct. 20.
- Vehicle, Tank. V. C. Norquist and R. A. Bradley. 2,053,840; Sept. 8.
- Vehicle, Tank. V. C. Norquist and R. A. Bradley. 2,056,802; Oct. 6.
- Vehicle, Temperature controlled. C. W. Spohr. 2,061,856; Nov. 24.
- Vehicle testing apparatus, Motor. A. E. Feragen. 2,055,430; Sept. 22.
- Vehicle top construction. A. P. Ball. 2,055,889; Sept. 29.
- Vehicle, Tractor-trailer. C. H. Land and W. H. Wilson. 2,028,400; Jan. 21.
- Vehicle, Trailer. R. A. Bradley. 2,038,265; Apr. 21.
- Vehicle transmission, Four-speed. K. R. Manville. 2,029,178; Jan. 28.
- Vehicle, Transportation. F. R. and W. B. Fageol. 2,028,829; Jan. 28.
- Vehicle tread chain. D. Fergusson. 2,061,229; Nov. 17.
- Vehicle, Vending. J. M. Liptay. 2,057,197; Oct. 13.
- Vehicle ventilating devices. J. R. Thorp. 2,033,454; Mar. 10.
- Vehicle ventilating means. P. J. Flammang. 2,053,606; Sept. 8.
- Vehicle ventilating mechanism. D. Miller. 2,033,776; Mar. 10.
- Vehicle ventilator. L. Lynes. 2,065,085; Dec. 22.
- Vehicle warning signal. M. Haluska. 2,054,749; Sept. 15.
- Vehicle wheel. W. L. Avery. 2,040,589; May 12.
- Vehicle wheel. C. L. Eksergian. 2,043,951; June 9.
- Vehicle wheel. C. L. Eksergian. 2,045,901; June 30.
- Vehicle wheel. C. L. Eksergian. 2,057,565; Oct. 13.
- Vehicle wheel. J. E. Hale. 2,028,702; Jan. 21.
- Vehicle wheel. H. J. Horn. 2,037,237; Apr. 14.
- Vehicle wheel. H. J. Horn. 2,037,981; Apr. 21.
- Vehicle wheel. J. H. Hunt. 2,037,470; Apr. 14.
- Vehicle wheel. J. H. Hunt. 2,042,714; June 2.
- Vehicle wheel. J. Ledwinka. 2,039,091; Apr. 28.
- Vehicle wheel. C. Overholser. 2,053,735; Sept. 8.
- Vehicle wheel. M. H. Rix. 2,064,219; Dec. 15.
- Vehicle wheel. R. Schultz. 2,037,272; Apr. 14.
- Vehicle wheel. C. W. Sinclair. 2,047,895; July 14.
- Vehicle wheel. A. M. Stanley. 2,037,832; Apr. 21.
- Vehicle wheel. O. U. Zerk. 2,043,875; June 9.
- Vehicle wheel. O. U. Zerk. 2,055,372; Sept. 22.
- Vehicle wheel, Resilient. W. Ravestein. 2,059,030; Oct. 27.
- Vehicle, Wheeled. F. J. Goff. 2,028,976; Jan. 28.
- Vehicle, Wheeled. J. C. Mock. 2,032,219; Feb. 25.



- Vehicle, Wheeled. M. H. Tuft. 2,059,419; Nov. 3.  
 Vehicle when a dangerous place occurs in a road, Automatically stopping a. B. H. Dicks. 2,048,434; July 21.  
 Vehicles, Apparatus for cleaning. T. A. Mackin. 2,057,388; Oct. 13.  
 Vehicles, Apparatus for loading and unloading. F. E. Turner and W. P. Allred, Jr. 2,051,062; Aug. 18.  
 Vehicles, Apparatus for parking and delivering. F. E. Turner and W. P. Allred, Jr. 2,065,107; Dec. 22.  
 Vehicles by means of internal combustion machines, Arrangement for driving. O. Ackerman. 2,053,887; Sept. 8.  
 Vehicles by road, Transporting railway. J. Culemeyer. 2,043,507; June 9.  
 Vehicles, Device for stabilizing rail. Y. A. Rocard. 2,052,660; Sept. 1.  
 Vehicles, Device for the safe landing of air. T. E. Level. 2,049,209; July 28.  
 Vehicles, Servicing automotive. G. L. Rosebrook. 2,049,025; July 28.  
 Vehicles, Suspension for. G. M. Barnes and W. E. Preston. 2,060,015; Nov. 10.  
 Veils, Forming. A. S. Staff. 2,032,448; Mar. 3.  
 Veinous drain tube. F. M. James. 2,042,900; June 2.  
 Velocipede frame. B. J. Anderson. 2,053,059; Sept. 1.  
 Velocipede frame. B. J. Anderson. 2,054,312; Sept. 15.  
 Velvet and pile fabric and making same. H. R. Bodell. 2,059,309; Nov. 3.  
 Vending and amusement machine, Combined. G. E. Norris. 2,044,320; June 16.  
 Vending apparatus, Coin controlled. O. Sjuve. 2,045,206; June 23.  
 Vending attachment for vending machines, Secondary. M. F. Karst and G. I. Titus. 2,038,180; Apr. 21.  
 Vending device. E. P. Hirst. 2,027,432; Jan. 14.  
 Vending machine. J. F. Burke. 2,039,282; May 5.  
 Vending machine. E. E. Collison and C. R. Kirk. 2,057,880; Oct. 20.  
 Vending machine. E. L. Crabb. 2,050,161; Aug. 4.  
 Vending machine. M. Dorman. 2,044,672; June 16.  
 Vending machine. B. L. Fry. 2,050,307; Aug. 11.  
 Vending machine. B. W. Fry. 2,042,710; June 2.  
 Vending machine. B. W. Fry. 2,050,524; Aug. 11.  
 Vending machine. A. F. Leis and V. H. Weber. 2,058,700; Oct. 27.  
 Vending machine. M. H. Loughridge. 2,037,248; Apr. 14.  
 Vending machine. G. J. McLaren. 2,060,741; Nov. 10.  
 Vending machine. J. H. Schreiber. 2,058,727; Oct. 27.  
 Vending machine. A. P. Wolff. 2,046,230; June 30.  
 Vending machine, Automatic. L. E. Scott and E. A. Smith. 2,058,637; Oct. 27.  
 Vending machine casing. B. W. Fry. 2,044,288; June 16.  
 Vending machine, Coin controlled. W. J. Christmas. 2,036,921; Apr. 7.  
 Vending machine, Coin controlled. S. N. Hope and P. Drath. 2,026,636; Jan. 7.  
 Vending machine, Coin controlled. C. Walker. 2,056,083; Sept. 29.  
 Vending machine, Coin freed. H. G. Dalton and J. W. Smith. 2,039,395; May 5.  
 Vending machine, Coin-freed or operated. H. C. Sumner, F. J. Taylor, and F. Langley. 2,050,475; Aug. 11.  
 Vending machine for frozen products. C. J. Porter. 2,036,970; Apr. 7.  
 Vending machine for vending solid and liquid bodies, Multiple universal. C. Walker. 2,044,110; June 16.  
 Vending machine, Ice. J. H. Schreiber. 2,058,726; Oct. 27.  
 Vending machine, Selective. B. E. Mills. 2,064,843; Dec. 22.  
 Veneer and making same, Flexible. J. F. Dreyer. 2,062,088; Nov. 24.  
 Veneer and making same, Synthetic. T. S. Reese. 2,035,761; Mar. 31.  
 Veneer machine. W. W. Stoddard. 2,027,295; Jan. 7.  
 Veneering. R. N. Hartzell. 2,039,284; May 5.  
 Venetian blind bracket. I. W. Goodell. 2,057,095; Oct. 13.  
 Venetian blind bracket. C. Lindeman. 2,027,280; Jan. 7.  
 Venetian blind support. A. C. Hough. 2,034,395; Mar. 17.  
 Vent head. R. G. Ferris. 2,065,438; Dec. 22.  
 Vent plug, Nonspill. J. L. Woodbridge. 2,028,113; Jan. 14.  
 Vent, Uterine. C. R. Spicer. 2,063,202; Dec. 8.  
 Ventilated body support. C. E. Lenz, Jr. 2,045,036; June 23.  
 Ventilated buffing wheel. E. W. Hall. 2,027,863; Jan. 14.  
 Ventilated face stay. E. O. Loeber. 2,065,191; Dec. 22.  
 Ventilating and air-conditioning apparatus. F. F. Haskell. 2,035,653; Mar. 31.  
 Ventilating and air-conditioning apparatus. D. A. Sargent. 2,062,042; Nov. 24.  
 Ventilating and air treating apparatus. G. R. Atherton. 2,050,824; Aug. 11.  
 Ventilating and air treating apparatus. H. E. Campbell. 2,059,086; Oct. 27.  
 Ventilating apparatus. A. Sargent. 2,060,764; Nov. 10.  
 Ventilating apparatus for vehicle bodies. W. D. Crowell. 2,033,759; Mar. 10.  
 Ventilating apparatus for vehicle bodies. W. de F. Crowell. 2,053,323; Sept. 8.  
 Ventilating attachment for pressing machines. A. G. Maitzen. 2,029,112; Jan. 28.  
 Ventilating construction for mechanical refrigerators. P. Crosley, Jr. 2,032,913; Mar. 3.  
 Ventilating device. B. A. Morton. 2,029,116; Jan. 28.  
 Ventilating device. B. A. Morton. 2,039,826; May 5.  
 Ventilating device. G. C. Oakes. 2,034,528; Mar. 17.  
 Ventilating device. B. Riesner. 2,052,315; Aug. 25.  
 Ventilating device for cars. N. L. Willer. 2,063,283; Dec. 8.  
 Ventilating means for automobiles. L. C. Helfinstine. 2,055,843; Sept. 29.  
 Ventilating system. H. C. Heaton and W. E. Watt. 2,064,912; Dec. 22.  
 Ventilating system for motor vehicles. E. H. Buford. 2,045,578; June 30.  
 Ventilating system for vehicle bodies. B. A. Woina. 2,059,924; Nov. 3.  
 Ventilating window mechanism. A. P. Ball. 2,033,871-4; Mar. 10.  
 Ventilating window mechanism. B. S. Floraday. 2,033,764; Mar. 10.  
 Ventilating wing. J. R. Thorp. 2,033,455; Mar. 10.  
 Ventilating wing. J. R. Thorp. 2,062,483; Dec. 1.  
 Ventilation, Closed car. A. J. Fisher. 2,048,605; July 21.  
 Ventilation, Concealed skylight. L. W. Mulford. 2,031,328; Feb. 18.  
 Ventilation, Crankcase. H. F. Barr, C. F. Arnold, and J. F. Gordon. 2,056,762; Oct. 6.  
 Ventilation, Dynamo-electric machine. R. B. Williamson. 2,033,058; Mar. 3.  
 Ventilation of airplanes. G. M. Bellanca. 2,058,659; Oct. 27.  
 Ventilation system. L. C. Reed. 2,055,592; Sept. 29.  
 Ventilation system for cattle barns and the like. R. G. Ferris. 2,057,627; Oct. 13.  
 Ventilator: See—  
     Darkroom ventilator. Vehicle body ventilator.  
     Door ventilator. Vehicle ventilator.  
     Screw fan ventilator. Window ventilator.  
 Ventilator. M. Adamcik, also known as M. Adamtchik. 2,056,757; Oct. 6.  
 Ventilator. F. E. Biggs. 2,031,404; Feb. 18.  
 Ventilator. R. Brown. 2,037,063; Apr. 14.  
 Ventilator. C. Davies. 2,061,535; Nov. 17.  
 Ventilator. L. L. Dollinger. 2,052,453; Aug. 25.  
 Ventilator. T. A. Heppenstall. 2,039,484; May 5.  
 Ventilator. D. K. Macleod. 2,051,613; Aug. 18.  
 Ventilator. W. J. Montgomery. 2,027,647; Jan. 14.  
 Ventilator. W. J. Montgomery. 2,027,745; Jan. 14.  
 Ventilator. E. J. Payne. 2,044,098; June 16.  
 Ventilator. F. A. Strawsine. 2,030,551; Feb. 11.  
 Ventilator construction. A. P. Ball. 2,043,089; June 2.  
 Ventilator device. O. F. Mueller. 2,049,856; Aug. 4.  
 Ventilator for vehicles. W. S. Hamm. 2,040,306; May 12.  
 Ventilator mechanism for vehicle windows. D. Miller. 2,033,778; Mar. 10.  
 Ventilator mechanism for vehicles. G. W. Housdorfer. 2,033,769; Mar. 10.  
 Ventilator unit. W. H. Shortlidge. 2,059,616; Nov. 3.  
 Verifier. R. E. Page. 2,059,805; Nov. 3.  
 Verifying machine for perforated records. M. Maul. 2,031,569; Feb. 18.  
 Vermiculite, Making expanded. P. S. Denning. 2,029,524; Feb. 4.  
 Vermiculites, Treating. W. B. Byers. 2,030,239; Feb. 11.  
 Vermin, Apparatus and process for killing human and animal. N. D. Riker. 2,033,357; Mar. 10.  
 Vernier gauge. F. Czernba. 2,030,354; Feb. 11.  
 Vertebral adjusting appliance. D. P. Redding. 2,048,220; July 21.  
 Vertical double action pump. B. Heftye. 2,028,067; Jan. 14.  
 Vertical shaft motor. V. Panoff. 2,046,965; July 7.  
 Vessel. J. Englis. 2,039,399; May 5.  
 Vessel. H. M. Knight. 2,030,881; Feb. 18.  
 Vessel and making the same, Pressure. D. S. Jacobus. 2,047,633; July 14.  
 Vessel and the like, Culinary. H. H. Pearl. 2,045,248; June 23.  
 Vessel, Cooking. E. S. Cisco. 2,047,176; July 14.  
 Vessel cover. H. L. Pollock. 2,030,266; Feb. 11.  
 Vessel, Double-walled. K. W. Mauser. 2,043,183; June 2.  
 Vessel, Evacuated electric discharge. C. J. Smithells. 2,045,561; June 23.  
 Vessel for preserving food products and the like, Cooling. H. H. M. Van Swijndregt and G. J. De Bruij. 2,047,299; July 14.  
 Vessel, Forming a pressure. I. Harter. 2,030,818; Feb. 11.  
 Vessel, Liquid cooled vacuum. W. Dällenbach. 2,065,660; Dec. 29.  
 Vessel, Reaction. T. B. Prickett and R. C. Lassiat. 2,033,953; Mar. 17.  
 Vessel, Self watering flower. H. D. Kneller. 2,055,844; Sept. 29.  
 Vessel, Turbine-driven. H. Thormeyer. 2,031,436; Feb. 18.  
 Vessel, Vacuum. L. Herrmann. 2,053,002; Sept. 1.  
 Vessels, Apparatus for washing drinking. C. Chambers. 2,029,855; Feb. 4.  
 Vessels, Construction of floating. J. W. Isherwood. 2,054,011; Sept. 8.  
 Vessels, Fabricating alloy lined pressure. L. J. Larson. 2,054,939; Sept. 22.  
 Vest, Backless. A. Goldstein. 2,038,280; Apr. 21.  
 Vestibule construction for railway cars, Diaphragm. H. L. Decker. 2,062,560; Dec. 1.



- Vibrating automobile jack. E. B. Thompson. 2,054,550; Sept. 15.
- Vibrating drive. B. B. Lacy. 2,063,509; Dec. 8.
- Vibrating mechanism. H. E. Peyrebrune. 2,040,331; May 12.
- Vibrating screen. P. H. Toepfer. 2,053,585; Sept. 8.
- Vibrating screen. W. L. Wettlaufer. 2,029,848; Feb. 4.
- Vibrating system, Mechanical. R. A. Heising. 2,044,000; June 16.
- Vibration absorber for transmission-line conductors. W. E. Langton. 2,065,336; Dec. 22.
- Vibration absorbing device, Pneumatic. J. W. Decker. 2,047,621; July 14.
- Vibration absorbing support. P. C. A. M. d'Aubardède. 2,055,279; Sept. 22.
- Vibration dampener. R. K. Lee. 2,041,556; May 19.
- Vibration dampener. H. D. Newhart. 2,032,377; Mar. 3.
- Vibration dampener. F. M. M. B. Salomon. 2,029,796; Feb. 4.
- Vibration dampener. E. E. Wemp. 2,042,570; June 2.
- Vibration dampener for ammeter. E. F. Bacon. 2,047,763; July 14.
- Vibration damper. T. H. Peirce. 2,049,133; July 28.
- Vibration damper for crankshafts. H. C. Edwards. 2,038,027; Apr. 21.
- Vibration damping assembly and material. W. R. Seigle. 2,057,251; Oct. 13.
- Vibration damping device. H. C. Harrison. 2,031,948; Feb. 25.
- Vibration detector. O. E. Dudley. 2,038,101; Apr. 21.
- Vibration detector. L. J. Neuman. 2,064,489; Dec. 15.
- Vibration indicating device. T. C. Van Degrieff. 2,060,963; Nov. 17.
- Vibration indicator. E. J. Schnaitter. 2,063,127; Dec. 8.
- Vibration insulating joint. T. Lord. 2,037,033; Apr. 14.
- Vibration measuring and indicating device. M. N. Fairbank. 2,046,154; June 30.
- Vibration recording instrument. V. E. Carbonara. 2,037,698; Apr. 21.
- Vibration recording instrument. V. E. Carbonara. 2,063,790; Dec. 8.
- Vibration recording instrument. S. J. Zand. 2,038,021; Apr. 21.
- Vibration translating device. H. C. Harrison. 2,027,168-9; Jan. 7.
- Vibration translating device. H. C. Harrison, A. C. Keller, and C. E. Pollard. 2,037,165; Apr. 14.
- Vibration translating device. C. F. Wiebusch. 2,032,194; Feb. 25.
- Vibrations in shafts, Device for reducing torsional. V. A. Kjaer. 2,028,459; Jan. 21.
- Vibrations produced by a machine, System for absorbing the. L. Simon. 2,058,185; Oct. 20.
- Vibrator. H. M. Dressel. 2,053,326; Sept. 8.
- Vibrator. W. W. Garstang. 2,043,290; June 9.
- Vibrator. R. Hetherington. 2,053,081; Sept. 1.
- Vibrator. E. J. Mastney. 2,065,597; Dec. 29.
- Vibrator. G. B. Pickop. 2,030,936; Feb. 18.
- Vibrator. W. T. Shaler. 2,059,754; Nov. 3.
- Vibrator and circuit. W. W. Garstang. 2,035,875; Mar. 31.
- Vibrator and handle therefor. E. M. Chappell. 2,055,924; Sept. 29.
- Vibrator and treating concrete. W. H. Horsch. 2,054,253; Sept. 15.
- Vibrator, Body. R. R. Gonsett. 2,026,527; Jan. 7.
- Vibrator, Cartridge type. W. W. Garstang. 2,043,746; June 9.
- Vibrator device. L. J. Wahl. 2,054,590; Sept. 15.
- Vibrator device, Piezoelectric. E. C. Nicholides. 2,045,404; June 23.
- Vibrator, Electric. P. O. Derringer. 2,064,418; Dec. 15.
- Vibrator, Electric. W. H. Horsch. 2,032,934; Mar. 3.
- Vibrator, Electric. A. P. C. Schramm. 2,048,712; July 28.
- Vibrator, Electromechanical. J. K. Clapp. 2,029,358; Feb. 4.
- Vibrator, Etheric. H. E. and A. M. Crum. 2,028,378; Jan. 21.
- Vibrator for dental use. J. E. Shultz. 2,048,756; July 28.
- Vibrator for mixers. A. W. Rybeck. 2,065,827; Dec. 29.
- Vibrator, Therapeutic. A. M. Lockett. 2,052,098; Aug. 25.
- Vibrator, Magnetostrictive. G. W. Pierce. 2,063,949; Dec. 15.
- Vibrator power supply system. A. D. Burt, A. J. Rohner, and F. Shoup. 2,060,025; Nov. 10.
- Vibratory electrical motor. E. N. Nordhem. 2,063,116; Dec. 8.
- Vibratory motor. J. White. 2,064,048; Dec. 15.
- Vibratory movements to motor vehicles, Apparatus for imparting. G. H. Walker. 2,033,747; Mar. 10.
- Vibratory screen. E. E. and I. F. Deister. 2,032,082; Feb. 25.
- Vibratory screen. J. Sahut. 2,062,529; Dec. 1.
- Vibratory screen. R. F. Schneider and L. R. Kuhlengel. 2,058,833; Oct. 27.
- Vibratory system. T. M. Edison. 2,033,190; Mar. 10.
- Victuals and table-luxuries containing cellulose, Improving and refining. W. Grafe. 2,045,850; June 30.
- Victuals in closed containers, Conserving. H. Zoelly. 2,052,270; Aug. 25.
- View or reading box. D. P. Redding. 2,048,221; July 21.
- Viewing attachment for cameras. A. Wolff. 2,061,643; Nov. 24.
- Viewing device. A. Warmisham. 2,032,676; Mar. 3.
- Vinegar, Manufacture of. E. G. Grab. 2,057,144; Oct. 13.
- Vinylacetylene, Producing. A. S. Carter and F. B. Downing. 2,048,838; July 28.
- Vinyl compounds, Polymerizing. S. D. Douglas. 2,055,468; Sept. 29.
- Violanthrone derivatives. F. B. Holmes, A. J. Wuertz, and W. H. Lycan. 2,051,045; Aug. 18.
- Violanthrone derivatives. A. J. Wuertz and W. H. Lycan. 2,051,120; Aug. 18.
- Violanthrone derivatives and preparing them. A. J. Wuertz and W. H. Lycan. 2,051,119; Aug. 18.
- Violanthrones and preparing them. A. J. Wuertz. 2,051,122; Aug. 18.
- Violin holder. R. Heimers. 2,061,464; Nov. 17.
- Violin-piano. J. L. Warner. 2,044,111; June 16.
- Violin support member. G. P. Bodee. 2,056,819; Oct. 6.
- Viscolizer valve. J. C. Bird and K. D. Smith. 2,038,263; Apr. 21.
- Viscolizer valve. K. D. Smith. 2,040,537; May 12.
- Viscolizer valve. K. D. Smith and J. C. Bird. 2,057,925; Oct. 20.
- Viscometer. B. A. Jones and N. Johnston. 2,034,658; Mar. 17.
- Viscose and cuprammonium cellulose spinning solutions and products thereof. R. S. Bley. 2,060,787; Nov. 17.
- Viscose, Manufacture of. K. Kösslinger and A. Bayerl. 2,065,188; Dec. 22.
- Viscosimeter. H. T. Booth. 2,028,188; Jan. 21.
- Viscosimeter. H. T. Booth. 2,050,242; Aug. 11.
- Viscosimeter. H. T. Booth. 2,056,952; Oct. 13.
- Viscosimeter. E. A. Rockwell. 2,033,302; Mar. 10.
- Viscosimeter. L. Ubbelohde. 2,048,305; July 21.
- Viscosity device, Automatic. R. L. Buttari. 2,066,249; Dec. 29.
- Viscosity device, Comparative. A. F. Blanchard. 2,032,197; Feb. 25.
- Viscosity indicating device. G. R. Eckstein. 2,035,951; Mar. 31.
- Viscosity indicating device. A. B. Shultz. 2,035,989; Mar. 31.
- Viscosity measuring device. H. S. Konheim and W. J. Albersheim. 2,038,432; Apr. 21.
- Viscosity of cellulose nitrate, Reduction of. N. Bacon. 2,039,381; May 5.
- Viscosity regulator. H. T. Booth. 2,054,238; Sept. 15.
- Viscosity regulator. W. Thomas. 2,031,018; Feb. 18.
- Viscosity-responsive device. H. T. Booth. 2,028,186-7; Jan. 21.
- Viscous fluid pump. R. D. Maulis. 2,028,912; Jan. 28.
- Vise, Double jaw. N. R. Minch. 2,062,326; Dec. 1.
- Vise for slug casting machines. E. G. Klingberg. 2,028,736; Jan. 21.
- Vise jaws for typographical machines. J. E. Blair. 2,035,421; Mar. 24.
- Vision, Means or device for investigating, correcting, and developing the power of human. R. B. Simpkins. 2,049,327; July 28.
- Vision-preserver, Motor vehicle. D. Hine. 2,062,512; Dec. 1.
- Vision structure, Air heated. F. E. Mickadeit. 2,032,998; Mar. 3.
- Visual acuity meter. O. W. Lee. 2,033,529; Mar. 10.
- Visual indicator for aircraft radio beacon systems. I. J. Gallagher. 2,040,734; May 12.
- Visual representations in colors, Transmitting. D. E. Replogle. 2,055,557; Sept. 29.
- Visual signaling device. E. Görler and H. Fuchs. 2,028,203; Jan. 21.
- Visual volume control. P. M. Craig and A. K. Ward. 2,064,462; Dec. 15.
- Visualizing device. H. H. Dickson. 2,052,998; Sept. 1.
- Visor and ventilator for motor vehicles, Combined. H. J. Cox. 2,028,827; Jan. 28.
- Visor, Collapsible windshield. B. S. Talbott. 2,064,393; Dec. 15.
- Visor nested in recess of header panel. F. J. Westrope. 2,034,849; Mar. 24.
- Visor structure. F. L. Chadwick. 2,057,009; Oct. 13.
- Vitamin concentrate from asparagus and making same. C. Dickens. 2,052,219; Aug. 25.
- Vitamin content of milk and products, Concentrating the. C. Dickens. 2,052,218; Aug. 25.
- Vitamin D and product thereof, Irradiation of. O. Linsert. 2,030,377; Feb. 11.
- Vitamin preparations containing vitamin D, Water-miscible. C. W. Hooper. 2,030,792; Feb. 11.
- Vitamins, Obtaining. R. R. Williams and R. E. Waterman. 2,049,988; Aug. 4.
- Vitreous article, Hardened. H. R. Moulton. 2,060,104; Nov. 10.
- Vitreous material, Apparatus for and method of fusing. P. K. Devers. 2,027,155; Jan. 7.
- Vitreous material, Manufacture of an improved. A. W. H. Wedlock. 2,032,239; Feb. 25.
- Vitreous materials, Metallic treatment of. R. E. Schirmer. 2,035,015; Mar. 24.
- Voice coil suspension. F. Cutting. 2,059,209; Nov. 3.
- Volatile compounds from a fermenting medium, Removal of. H. Dreyfus. 2,053,769; Sept. 8.
- Voltampere hour meter. T. A. Abbott and A. T. Sinks. 2,048,534; July 21.
- Voltmeter, Contact making. F. J. Champlin. 2,039,632; May 5.
- Voltage limiting device. R. R. Pittman. 2,065,152; Dec. 22.



- Voltage measurement, Method and apparatus for. W. C. Lent. 2,061,382; Nov. 17.
- Voltage multiplier. C. Travis. 2,056,376; Oct. 6.
- Voltage regulation for electrostatic generators, Terminal. A. W. Simon. 2,058,732; Oct. 27.
- Voltage regulator. W. P. Overbeck. 2,062,037; Nov. 24.
- Volatile matters of medicinal matters by fumigation, Apparatus for emitting. S. Inoue. 2,047,324; July 14.
- Voltage control. H. C. Grant, Jr. 2,035,125; Mar. 24.
- Voltage control for rectifier circuits. A. T. Jester. 2,052,978; Sept. 1.
- Voltage control of dry rectifiers. O. Werner. 2,055,991; Sept. 29.
- Voltage control system. M. R. Miller. 2,035,613; Mar. 31.
- Voltage failure protection device. S. R. Wright. 2,036,736; Apr. 7.
- Voltage indicator. W. Richter. 2,045,801; June 30.
- Voltage measuring system. A. L. Matte. 2,041,008; May 19.
- Voltage regulating device. A. C. Turtle. 2,049,635; Aug. 4.
- Voltage regulating system. A. J. Williams, Jr. 2,032,455; Mar. 3.
- Voltage regulation. B. M. Leece. 2,052,047; Aug. 25.
- Voltage regulation inverter. H. Klemperer. 2,027,235; Jan. 7.
- Voltage regulator. H. Harz. 2,041,177; May 19.
- Voltage regulator. A. Huet. 2,041,643; May 19.
- Voltage regulator. B. M. Leece. 2,052,048; Aug. 25.
- Voltage stabilizer. C. Moore. 2,036,488; Apr. 7.
- Voltage testing device, High. C. V. Aggers. 2,050,250; Aug. 11.
- Volatages and the like, Mitigating induced impact. A. Herz. 2,051,945; Aug. 25.
- Volatges in electric circuits, Reduction of disturbing. A. J. Aikens. 2,037,846; Apr. 21.
- Volume and fidelity control, Automatic. W. van B. Roberts. 2,040,955; May 19.
- Volume control and switching device. H. Lissauer. 2,038,744; Apr. 28.
- Volume control apparatus and method. A. R. Hopkins. 2,037,236; Apr. 14.
- Volume control arrangement, Automatic. L. E. Thompson. 2,031,238; Feb. 18.
- Volume control, Automatic. K. C. Black. 2,043,092; June 2.
- Volume control, Automatic. R. A. Braden. 2,055,374; Sept. 22.
- Volume control, Automatic. D. G. Burnside. 2,037,456; Apr. 14.
- Volume control, Automatic. D. G. McCaa and R. D. Brown. 2,061,710; Nov. 24.
- Volume control, Automatic. K. Wilhelm. 2,040,967; May 19.
- Volume control for amplifiers. S. Ballantine. 2,046,237; June 30.
- Volume control for musical instruments. L. Luberoff. 2,038,945; Apr. 28.
- Volume control for reflex circuits. O. H. Schade. 2,039,666; May 5.
- Volume control means for radio apparatus. E. W. Kellogg. 2,049,809; Aug. 4.
- Volume control means for variable density sound recording. E. H. Hansen. 2,041,470; May 19.
- Volume control, Quiet automatic. S. W. Seeley and R. M. Planck. 2,049,750; Aug. 4.
- Volume control receiver, Automatic. C. Travis. 2,039,615; May 5.
- Volume control system. K. A. Chittick. 2,047,003; July 7.
- Volume control system. R. W. Cushman and H. E. Hill. 2,035,263; Mar. 24.
- Volume control system for radio receiving apparatus and the like. P. F. G. Holst. 2,037,785; Apr. 21.
- Volume control, Tone compensated. L. F. Curtis. 2,029,523; Feb. 4.
- Volume control with noise suppressor, Automatic. G. L. Beers. 2,060,969; Nov. 17.
- Volume measuring device. J. F. Putnam. 2,048,949; July 28.
- Volume measuring device. P. S. Williams and G. E. Mineard. 2,044,866; June 23.
- Volume monitoring control. A. R. Hopkins. 2,045,271; June 23.
- Volumetric testing device. C. O. Marshall. 2,049,269; July 28.
- Voting machine. S. R. and R. F. Shoup. 2,054,102-3; Sept. 15.
- Vulcanization accelerator. W. Lommel and R. Schröter. 2,027,184; Jan. 7.
- Vulcanizer. C. Iverson. 2,058,233; Oct. 20.
- Vulcanizer adapter. R. G. Daniel. 2,064,416; Dec. 15.
- Vulcanizing apparatus. H. C. MacBrair and H. C. MacBrair, Jr. 2,036,179; Mar. 31.
- Vulcanizing apparatus. N. Van Cleef. 2,051,504; Aug. 18.
- Vulcanizing method and machine. J. M. Blerer. 2,039,271; Apr. 28.
- Vulcanizing or similar press. C. Macbeth. 2,059,883; Nov. 3.
- Vulcanizing pad. J. M. Patterson. 2,039,258; Apr. 28.
- Vulcanizing press. C. Macbeth. 2,028,618; Jan. 21.
- Wabble-meter. F. A. Moss, H. C. Dickinson, and R. W. Brown. 2,052,789; Sept. 1.
- Wad cutting and placing machine. D. D. Huyett. 2,061,576; Nov. 24.
- Wad cutting, forming, and placing machine. D. D. Huyett. 2,061,577; Nov. 24.
- Wadding production, High speed. R. L. Loomis. 2,055,936; Sept. 29.
- Wafer machine. S. S. Leaf and R. Panza. 2,048,011; July 21.
- Waffle iron heater. H. F. Umstott. 2,032,104; Feb. 25.
- Wagon. R. E. Choate, H. N. Graves, and W. I. Leech. 2,029,093; Jan. 28.
- Wagon. R. E. Choate and W. E. Rodler. 2,030,137; Feb. 11.
- Wagon and sled, Combined. F. G. Ruf. 2,063,627; Dec. 8.
- Wagon bolster. D. W. Voorhees, Jr. 2,048,149; July 21.
- Wagon bolster. D. W. Voorhees, Jr. 2,057,863; Oct. 20.
- Wagon, Coaster. J. B. Eck. 2,027,522; Jan. 14.
- Wagon, Coaster. J. B. Eck. 2,032,532; Mar. 3.
- Wagon, Coaster. A. C. Korte. 2,036,149; Mar. 31.
- Wagon drill. J. C. Curtis. 2,044,876; June 23.
- Wagon drill. T. L. Murphy. 2,046,648; July 7.
- Wagon for transportation by rail and by road. J. R. L. Deglarde. 2,032,267; Feb. 25.
- Wagon, Rice. J. V. Thompson. 2,061,954; Nov. 24.
- Wagon wheel, Resilient. E. Zander. 2,037,871; Apr. 21.
- Wainscoting construction. J. W. Winterich. 2,029,549; Feb. 4.
- Waistband for trousers. S. Shapiro. 2,046,974; July 7.
- Waistband, Garment supporting. A. J. Krein. 2,060,467; Nov. 10.
- Waist bands, Making apparel. R. F. Engman and S. E. Taylor. 2,040,730; May 12.
- Walking beam. J. R. Mahan. 2,046,275; June 30.
- Walking beam furnace. C. Cone. 2,057,367; Oct. 13.
- Wall and ceiling structure. H. E. Marks. 2,039,098; Apr. 28.
- Wall and floor construction. E. W. Marten. 2,042,113; May 26.
- Wall assembly. G. D. Kellogg. 2,040,385; May 12.
- Wall assembly. R. V. Parsons. 2,058,386; Oct. 20.
- Wall assembly. P. A. Voigt. 2,057,654; Oct. 13.
- Wall block coupling. F. S. Klein. 2,029,876; Feb. 4.
- Wallboard. K. W. Dalzell. 2,045,246; Sept. 15.
- Wallboard construction, Exposed corner in. C. O. Walper. 2,041,799; May 26.
- Wallboard joint. J. Page. 2,047,982; July 21.
- Wallboard, Manufacturing. G. R. Walpar. 2,044,234; June 16.
- Wallboard securing means. P. J. Keating. 2,066,205; Dec. 29.
- Wallboard structure and fastener. W. I. Jones. 2,055,442; Sept. 22.
- Wallboard structure and fastener. C. L. Knutson. 2,035,389; Mar. 24.
- Wallboard structure to a support, Attaching. W. I. Jones. 2,058,319; Oct. 20.
- Wall bracket. R. E. Marsh. 2,064,984; Dec. 22.
- Wall bracket lamp. E. Kanter. 2,061,359; Nov. 17.
- Wall, Building. E. M. Jenkins. 2,066,005; Dec. 29.
- Wall building construction, Metal. G. V. Palmer. 2,049,862-3; Aug. 4.
- Wall clip construction, Resilient building. F. A. Manske. 2,041,773; May 26.
- Wall, Concrete sea. M. M. Upson. 2,045,112; June 23.
- Wall construction. H. J. R. Barrett. 2,042,290; May 26.
- Wall construction. N. A. Brand. 2,045,940; June 30.
- Wall construction. W. E. Drummond. 2,047,014; July 7.
- Wall construction. C. G. Duffy. 2,052,755; Sept. 1.
- Wall construction. H. A. Faber. 2,064,788; Dec. 15.
- Wall construction. H. A. Faber. 2,064,790; Dec. 15.
- Wall construction. A. C. Goddard and R. P. Le Viness. 2,061,702; Nov. 24.
- Wall construction. H. W. Howell. 2,050,609; Aug. 11.
- Wall construction. H. H. Keller. 2,038,115; Apr. 21.
- Wall construction. J. M. Klein. 2,047,145; July 7.
- Wall construction. E. M. Lurie. 2,035,172; Mar. 24.
- Wall construction. H. E. Marks. 2,030,217; Feb. 11.
- Wall construction. A. H. Marty. 2,056,359; Oct. 6.
- Wall construction. C. F. Neergaard. 2,063,115; Dec. 8.
- Wall construction. C. H. Odam. 2,029,082; Jan. 28.
- Wall construction. F. M. Venzie. 2,048,643; July 21.
- Wall construction. W. G. Will. 2,055,760; Sept. 29.
- Wall construction, Firebrick. J. J. Robinson. 2,047,227; July 14.
- Wall construction for fireboxes, Staybolted water. R. A. Culbertson. 2,058,064; Oct. 20.
- Wall construction for tunnels, shafts, and pipe. H. Herzbruch. 2,057,524; Oct. 13.
- Wall construction, Retaining. S. L. Ravier. 2,039,260; Apr. 28.
- Wall construction, Self locking interlocking. T. E. Jensen. 2,033,831; Mar. 10.
- Wall construction, System of. M. R. Price. 2,056,328; Oct. 6.
- Wall cooling. C. S. Hulton. 2,042,660; June 2.
- Wall covering. J. L. Tuthill. 2,031,680-1; Feb. 25.
- Wall covering, Acoustical. C. K. Roos and G. D. King. 2,045,311-13; June 23.
- Wall decorating device. F. J. Hinton. 2,035,127; Mar. 24.
- Wall fixtures and the like, Attaching means for. L. Sharpe. 2,052,805; Sept. 1.
- Wall for truncated conical container and making the same, Side. J. Olson and R. E. Williamson. 2,065,609; Dec. 29.



- Wall, Insulated. E. R. Powell. 2,032,852; Mar. 3.  
 Wall light. W. Ponath. 2,052,654; Sept. 1.  
 Wall, Masonry. J. E. McPherson. 2,047,882; July 14.  
 Wall, Multiple unit facing. N. L. Abernethy. 2,053,412; Sept. 8.  
 Wall outlet. B. T. Poor. 2,044,633; June 16.  
 Wall outlet and fitting. J. N. Nielsen. 2,052,312; Aug. 25.  
 Wall panel, Sectional. L. W. Ray. 2,050,503; Aug. 11.  
 Wallpaper and the like, Device for cutting or trimming. A. A. Geleff. 2,044,426; June 16.  
 Wallpaper package. H. L. Joyce. 2,034,471; Mar. 17.  
 Wall paper remover. M. C. Cooper. 2,064,374; Dec. 15.  
 Wall paper remover. E. A. Schaeffer, Jr. 2,030,720; Feb. 11.  
 Wall protection for grain elevators, etc., Exterior. P. Drolshagen. 2,049,493; Aug. 4.  
 Wall, Retaining. S. L. Ravier. 2,063,558; Dec. 8.  
 Wall section and wall assembly. J. Muller. 2,061,633; Nov. 24.  
 Wall structure. E. A. Klages. 2,044,216; June 16.  
 Wall structure. H. E. Marks. 2,056,289; Oct. 6.  
 Wall structure. W. J. Thilborger. 2,027,493; Jan. 14.  
 Wall structure. N. N. Tomasulo. 2,058,843; Oct. 27.  
 Wall structure and making the same. G. L. Bennett. 2,065,510; Dec. 29.  
 Wall structure, Building. M. G. Clark. 2,065,920; Dec. 29.  
 Wall structure, Laminated. W. C. Scherer. 2,034,489; Mar. 17.  
 Wall structure, Plastic. E. T. Ferngren. 2,030,059; Feb. 11.  
 Wall structure, Reenforced. J. Kublanow. 2,029,878; Feb. 4.  
 Wall structure, Thermally insulated. J. M. Le Grand. 2,047,211; July 14.  
 Wall structure, Thermally insulated. J. H. Thomas. 2,047,236; July 14.  
 Wall structure, Thick paneled metallic. T. V. Balch and J. A. Bohnsack. 2,047,572; July 14.  
 Wall table. R. W. Swanson. 2,031,287; Feb. 18.  
 Wall, Tiled or paneled. R. C. Worden. 2,051,064; Aug. 18.  
 Walls, Forming. G. E. Westberg. 2,065,930; Dec. 29.  
 Walls, Insulating. F. Weyerhaeuser and J. S. Busch. 2,030,668; Feb. 11.  
 Walls, Method and apparatus for making metallic corrugated. F. K. Bezzenberger. 2,052,209; Aug. 25.  
 Walls, Method of and apparatus for. J. G. C. Mantle. 2,050,229; Aug. 4.  
 Walls, Spacing and supporting means for brick veneer. J. Hornicek. 2,054,511; Sept. 15.  
 Walls, Waterproofing building cellar foundation. F. Kothe. 2,050,798; Aug. 11.  
 Walls, Weatherproofing of. H. S. Smith. 2,065,623; Dec. 29.  
 Wardrobe hook. J. G. Milhime. 2,047,107; July 7.  
 Wardrobe, Portable. F. G. Barbee. 2,047,093; July 7.  
 Ware, Decorating enameled. W. B. Moore. 2,039,548; May 5.  
 Warm air furnace. C. B. Lockhart. 2,061,284; Nov. 17.  
 Warm converter for liquefied gases of low boiling point. L. I. Dana. 2,044,670; June 16.  
 Warning apparatus. P. C. Gordon. 2,046,510; July 7.  
 Warning device for brakes. J. N. Good. 2,042,094; May 26.  
 Warning mechanism, Suction actuated. A. F. Gillet. 2,066,000; Dec. 29.  
 Warning signal. O. G. Moore. 2,053,999; Sept. 8.  
 Warning signal generator. A. F. Gillet. 2,063,872; Dec. 8.  
 Warp beam. F. Mossberg. 2,045,283; June 23.  
 Warp beam flange. N. E. Martin. 2,046,028; June 30.  
 Warp beams and apparatus therefor. Producing cross-wound. G. Kahlsch. 2,037,512; Apr. 14.  
 Warp conditioning process for tying in machines. S. Drake. 2,058,962; Oct. 27.  
 Warp fabric. E. R. Meinig. 2,040,560; May 12.  
 Warp frame attachment. H. Wirth. 2,064,709; Dec. 15.  
 Warp sizing machine. C. B. Johnson. 2,048,390; July 21.  
 Warp stop motion. H. Marsh. 2,028,723; Jan. 21.  
 Warp stop motion, Electric. R. G. Turner. 2,062,688; Dec. 1.  
 Warp tensioning and letting-off device for weaving looms. H. Lakeland. 2,044,218; June 16.  
 Warp-tying machine. S. S. C. Fleischer. 2,039,157; Apr. 28.  
 Warp wind control for spinning frames, Automatic. P. B. Reeves and H. E. Brooks. 2,065,197; Dec. 22.  
 Warping apparatus. E. R. Alderman. 2,050,775; Aug. 11.  
 Warps, Leasing. F. Klein. 2,044,578; June 16.  
 Washbasin. H. N. Davock. 2,060,855; Nov. 17.  
 Washboard. C. H. Gunther. 2,037,975; Apr. 21.  
 Washboard. C. E. Jameson. 2,052,230; Aug. 25.  
 Washboard. K. P. Oppermann. 2,031,178; Feb. 18.  
 Washboard. H. R. White. 2,026,721; Jan. 7.  
 Wash boiler. E. F. Girod. 2,059,691; Nov. 3.  
 Wash fountain. H. A. Mullett. 2,051,644; Aug. 18.  
 Washfountain. H. A. Mullett and H. E. Heine. 2,040,266; May 12.  
 Washer: See—  
 Air washer. Fruit and vegetable washer.  
 Attachable washer. Fruit washer.  
 Cloth washer. Gas washer.  
 Easily removable washer. Glass washer.  
 Filtermasse washer. Lining washer.  
 Washer: See—  
 Loading and dumping Oscillating clothes washer.  
 washer. Perforated liner washer.  
 Lock washer. Steam washer.  
 Locking washer. Tap washer.  
 Nut washer. Tower gas washer.  
 Washer. A. Stoll. 2,034,494; Mar. 17.  
 Washer and drier, Fishing line. M. G. Rowe. 2,040,567; May 12.  
 Washer and fabricating the same, Stackable. F. D. Wenn. 2,052,063; Aug. 25.  
 Washer and thrust bearing cage, Leveling. H. A. S. Howarth. 2,037,326; Apr. 14.  
 Washer assembly, Thrust. P. W. Baker. 2,043,790; June 9.  
 Washer box for treating coal or other granular substance. A. A. Hirst. 2,035,750; Mar. 31.  
 Washer for emulsions, Electrical. H. F. Fisher. 2,050,301; Aug. 11.  
 Washer for mugs, glasses, etc. J. Schamer and D. E. Andrews. 2,028,690; Jan. 21.  
 Washing and cleansing. R. E. Hall. 2,035,652; Mar. 31.  
 Washing and developing device. F. Doetzel, Jr. 2,060,286; Nov. 10.  
 Washing and dewatering machine, Continuous centrifugal. M. T. Weston. 2,037,840; Apr. 21.  
 Washing and drying apparatus. E. L. Moreland, R. D. Booth, and C. H. Danforth. 2,057,903; Oct. 20.  
 Washing and drying machine. J. T. Hume. 2,035,481; Mar. 31.  
 Washing and drying machine, Combined. J. C. Nelson. 2,029,937; Feb. 4.  
 Washing and grading machine. E. N. Sorensen. 2,062,946; Dec. 1.  
 Washing apparatus. H. A. Lingard. 2,062,097; Nov. 24.  
 Washing appliance adapted to the blower portions of a vacuum cleaner device. I. H. Marantz. 2,037,525; Apr. 14.  
 Washing article and producing same. M. I. Reach. 2,038,957; Apr. 28.  
 Washing compound. A. A. Fowler and R. M. Otis. 2,059,449; Nov. 3.  
 Washing device for automobiles and the like. C. L. Wright. 2,061,219; Nov. 17.  
 Washing glove or mitten. R. O. Schmidt. 2,049,323; July 28.  
 Washing machine. J. E. W. Birr. 2,062,286; Dec. 1.  
 Washing machine. W. F. Blake. 2,059,080; Oct. 27.  
 Washing machine. C. S. Bossie. 2,033,607; Mar. 10.  
 Washing machine. A. A. Burry. 2,050,484; Aug. 11.  
 Washing machine. W. J. Cooper. 2,057,292; Oct. 13.  
 Washing machine. E. Cowles. 2,036,852; Apr. 7.  
 Washing machine. G. W. Dunham. 2,047,822; July 14.  
 Washing machine. C. Ellis. 2,051,441; Aug. 18.  
 Washing machine. A. A. Emmerling and N. E. Bertolet. 2,037,568; Apr. 14.  
 Washing machine. R. W. Franklin. 2,054,797; Sept. 22.  
 Washing machine. E. R. Gould. 2,033,630; Mar. 10.  
 Washing machine. E. Gubler. 2,050,431; Aug. 11.  
 Washing machine. J. T. Hume. 2,059,183; Oct. 27.  
 Washing machine. J. A. Iskyan and T. J. Hart. 2,039,249; Apr. 28.  
 Washing machine. H. L. Johnston. 2,058,083; Oct. 20.  
 Washing machine. A. E. Koon. 2,041,293; May 19.  
 Washing machine. F. E. Krauss. 2,062,668; Dec. 1.  
 Washing machine. J. J. McCabe. 2,053,158; Sept. 1.  
 Washing machine. D. A. Meeker. 2,063,746; Dec. 8.  
 Washing machine. J. Mikulasek. 2,034,244; Mar. 17.  
 Washing machine. J. Motyka. 2,033,146; Mar. 10.  
 Washing machine. G. K. Parsons. 2,053,531; Sept. 8.  
 Washing machine. F. O. Peterson. 2,033,355; Mar. 10.  
 Washing machine. C. M. Pryor. 2,038,058; Apr. 21.  
 Washing machine. L. D. Schmidt. 2,066,232; Dec. 29.  
 Washing machine. W. Strobbridge. 2,038,066; Apr. 21.  
 Washing machine. W. Strobbridge. 2,051,014; Aug. 11.  
 Washing machine. W. K. Voss. 2,042,242; May 26.  
 Washing machine. R. J. Waterworth. 2,048,306; July 21.  
 Washing machine and drier, Pneumatic. H. Lamb. 2,058,604; Oct. 27.  
 Washing machine, Convertible. G. K. Parsons. 2,057,277; Oct. 13.  
 Washing machine drive mechanism. R. R. Miller. 2,059,264; Nov. 3.  
 Washing machine (fluid projecting means). L. Zimarik. 2,053,932; Sept. 8.  
 Washing machine for the exterior of bottles, particularly siphons. D. Pollack. 2,050,376; Aug. 11.  
 Washing machine, Fruit and vegetable. D. C. Morris and L. O. Cockrill. 2,033,848; Mar. 10.  
 Washing machine, Industrial. C. C. Rhead and S. G. Szabo. 2,036,501; Apr. 7.  
 Washing machine, Journal packing. L. T. Evans. 2,057,185; Oct. 13.  
 Washing machine, Linen. J. and A. Persoons. 2,031,788; Feb. 25.  
 Washing machine means for elevating clothes therein. A. J. Georgilas. 2,041,639; May 19.  
 Washing machine mechanism. J. T. Garubo. 2,065,686; Dec. 29.  
 Washing machine mixing tank. J. D. Evans. 2,061,514; Nov. 17.  
 Washing machine rib. W. O. Manley. 2,053,912; Sept. 8.  
 Washing machine, Wool. W. W. Windle. 2,040,102; May 12.



- Washing machines, Assembly mechanism for can and cover. L. J. Williams. 2,061,180; Nov. 17.
- Wasp excluder for air brakes. C. A. Campbell. 2,046,058; June 30.
- Waste and oil from used packing waste, Apparatus for handling and reclaiming. L. S. Wilbur. 2,047,449; July 14.
- Waste and overflow for bathtubs and basins. F. H. Rasmusen. 2,063,399; Dec. 8.
- Waste and the like, Treatment of industrial. L. R. Christie. 2,061,022; Nov. 17.
- Waste heat boiler. G. Welter. 2,048,308; July 21.
- Waste material disposal, Apparatus for. A. C. Felton, Jr. 2,046,112; June 30.
- Waste materials, Apparatus for incinerating. P. Schroeder. 2,062,681; Dec. 1.
- Waste receptacle. A. S. Karper. 2,063,507; Dec. 8.
- Waste reclamation process. E. S. Pearce. 2,055,943; Sept. 29.
- Waste renovation and oil reclamation system and process. A. U. Ayres. 2,050,080; Aug. 4.
- Waste trap. J. D. Houck. 2,060,420; Nov. 10.
- Wastes, Drying and destroying municipal. J. Harrington. 2,057,681; Oct. 20.
- Watch. A. Bulova. 2,034,651; Mar. 17.
- Watch. I. Florman. 2,046,065; June 30.
- Watch. J. R. Putnam. 2,060,118; Nov. 10.
- Watch. E. G. Seip. 2,053,784; Sept. 8.
- Watch adapter. E. A. Coleman. 2,065,657; Dec. 29.
- Watch adapter, Wrist. G. R. Houghtaling. 2,035,965; Mar. 31.
- Watch adapter, Wrist. D. S. Mix. 2,035,976; Mar. 31.
- Watch adapter, Wrist. S. W. Perry. 2,035,979; Mar. 31.
- Watch adapter, Wrist. H. C. Vaisey. 2,035,931; Mar. 31.
- Watch attachment. A. H. Fischer. 2,029,416; Feb. 4.
- Watch bracelet, Wrist. F. H. Lynds. 2,028,791; Jan. 28.
- Watchcase. H. Kousin. 2,062,891; Dec. 1.
- Watchcase, Automatically opening tubular. H. Schlacht. 2,044,228; June 16.
- Watchcase, Watertight. E. Morf. 2,029,784; Feb. 4.
- Watch cleaning machine. Le R. Butts. 2,060,277; Nov. 10.
- Watch construction. A. Bulova. 2,062,637; Dec. 1.
- Watch construction. R. H. Whitehead. 2,039,672; May 5.
- Watch holder. M. E. Westerman. 2,038,152; Apr. 21.
- Watch movement, Floating. H. A. Dunlap. 2,044,752; June 16.
- Watch movement for fancy watches. H. Colomb. 2,029,559; Feb. 4.
- Watch, Self-winding. A. Feigel. 2,028,594; Jan. 21.
- Watch, Stop. H. Hofer. 2,028,452; Jan. 21.
- Watch, Wrist. J. M. Piacentini. 2,057,913; Oct. 20.
- Watches, Apparatus for timing. E. Norrman. 2,058,616; Oct. 27.
- Watches, Apparatus for timing. E. Norrman. 2,064,559; Dec. 15.
- Watchman's tour system. R. M. Hopkins. 2,064,474; Dec. 15.
- Water and apparatus therefor, Treating boiler return. A. G. Angely. 2,048,046; July 21.
- Water and dissolving calcium salts, Softening. A. H. Fiske and C. S. Bryan. 2,059,570; Nov. 3.
- Water and temperature regulator for motors. R. F. Smith. 2,059,916; Nov. 3.
- Water, Apparatus for heating. P. G. Swars. 2,066,190; Dec. 29.
- Water, Apparatus for purifying and cleaning. H. T. Goodwin. 2,048,158; July 21.
- Water, Apparatus for salting. W. T. Runcle. 2,057,208; Oct. 13.
- Water, Apparatus for the purification of. P. R. Giraud. 2,027,475; Jan. 14.
- Water bag. W. W. MacDonald. 2,055,695; Sept. 29.
- Water block or dam forming device. R. H. Smith. 2,043,075; June 2.
- Water circulating means. R. C. Bolsinger. 2,065,789; Dec. 29.
- Water closet. C. C. Campus. 2,056,158; Oct. 6.
- Water closet. J. M. Teaben. 2,028,027; Jan. 14.
- Water closet. D. S. Williams. 2,043,821; June 9.
- Water closet. C. H. Zwermann. 2,030,559; Feb. 11.
- Water closet construction. J. N. Murphy. 2,028,468; Jan. 21.
- Water closet, Seat actuated compression tank. J. A. Brown. 2,049,890; Aug. 4.
- Water column displacement weight. A. L. Aicher. 2,028,858; Jan. 28.
- Water conditioning, Boiler. C. W. Rice. 2,046,308; June 30.
- Water cooled furnace. H. J. Kerr. 2,061,404; Nov. 17.
- Water cooling and treating apparatus. A. Gudmundsen. 2,038,171; Apr. 21.
- Water cooling apparatus for engines. E. W. Shull. 2,027,886; Jan. 14.
- Water cooling system for internal combustion engines. G. Wirrer. 2,029,146; Jan. 28.
- Watercraft, Construction in. H. K. Stack. 2,052,991; Sept. 1.
- Water culture, System of. F. T. Lyons. 2,062,755; Dec. 1.
- Water deflector. R. L. Heskett. 2,055,150; Sept. 22.
- Water dispenser, Drinking. A. Gudmundsen. 2,031,599; Feb. 25.
- Water distributor, Automatic. J. C. F. Malthaner. 2,059,126; Oct. 27.
- Water eductor and method. W. T. Wells. 2,061,865; Nov. 24.
- Water, Electrolysis of. A. E. Knowles. 2,044,704; June 16.
- Water, Electrolytic purification of. G. T. Southgate. 2,044,261; June 16.
- Water filtration apparatus. T. R. Camp. 2,043,734; June 9.
- Water flow detector for ducts. R. M. Hopkins and R. F. Spamer. 2,038,111; Apr. 21.
- Water flow in oil wells, Reducing. E. E. Ayres. 2,029,649; Feb. 4.
- Water for mashing processes, Standardizing. K. P. McElroy. 2,059,645; Nov. 3.
- Water from aqueous aliphatic acids, Removing. J. J. Gordon. 2,049,440; Aug. 4.
- Water from clothes, Method and apparatus for removing. A. Erlanger. 2,038,993; Apr. 28.
- Water from cyanid, Removing. E. J. Pranke. 2,042,549; June 2.
- Water from vaporous mixtures containing aliphatic anhydrides, Removing. H. Dreyfus. 2,027,420; Jan. 14.
- Water from webs of pulp or paper, Extracting. W. P. Evans. 2,039,308; May 5.
- Water gauge. E. O. Corey. 2,050,207; Aug. 4.
- Water gauge. C. H. Lank. 2,044,477; June 16.
- Water heater. A. Altieri. 2,044,237; June 16.
- Water heater. G. H. and W. F. Clark. 2,038,476; Apr. 21.
- Water heater. W. E. De Weese. 2,039,066; Apr. 28.
- Water heater. C. B. Gamble. 2,054,537; Sept. 15.
- Water heater. L. Guarcello. 2,036,136; Mar. 31.
- Water heater. P. P. Hackett. 2,052,463; Aug. 25.
- Water heater. T. H. Ireland. 2,029,927; Feb. 4.
- Water heater. C. F. Keirle. 2,065,708; Dec. 29.
- Water heater. J. J. Lavender. 2,032,486; Mar. 3.
- Water heater. L. Poirier. 2,034,443; Mar. 17.
- Water heater. R. W. Pratt. 2,060,950; Nov. 17.
- Water heater. W. A. Radloff. 2,035,341; Mar. 24.
- Water heater. L. and P. Salvo. 2,050,465; Aug. 11.
- Water heater. H. D. Sterick. 2,060,452; Nov. 10.
- Water heater. A. H. Strong. 2,056,989; Oct. 13.
- Water heater. J. E. Synnott. 2,038,807; Apr. 28.
- Water heater. H. D. Yoder. 2,055,211; Sept. 22.
- Water heater, Automatic. L. W. Hodges. 2,044,611; June 16.
- Water heater, Convertible gas and hot flue. J. Orban. 2,036,602; Apr. 7.
- Water heater, Electric. H. Bidwell. 2,058,054; Oct. 20.
- Water heater, Electric. A. F. Craver. 2,029,987; Feb. 4.
- Water heater, Electric. M. S. Gazelle. 2,032,125; Feb. 25.
- Water heater, Electric. L. P. Haussauer. 2,048,068; July 21.
- Water heater, Electric. L. P. Haussauer. 2,049,838; Aug. 4.
- Water heater, Electric. H. Leader. 2,036,815; Apr. 7.
- Water heater, Electric. J. Moses. 2,033,443; Mar. 10.
- Water heater, Electric. S. H. Winn. 2,026,809; Jan. 7.
- Water heater, Feed. E. J. Bergquist. 2,032,522; Mar. 3.
- Water heater, Hot. R. E. Moore. 2,051,311; Aug. 18.
- Water heater, Hot. T. H. Piser. 2,059,274; Nov. 3.
- Water heater, Instantaneous. I. Florman. 2,041,917; May 26.
- Water heater, Instantaneous electrical. R. Holt. 2,032,210; Feb. 25.
- Water heater, Submerged. H. L. Madorin. 2,046,569; July 7.
- Water heating. G. R. Spangenberg. 2,061,174; Nov. 17.
- Water heating and storage system. H. D. Sterick. 2,033,260; Mar. 10.
- Water heating and storage system with dual thermostatic control. E. S. Stack. 2,032,447; Mar. 3.
- Water-heating apparatus, Fuel-burning. T. J. Digby. 2,033,911; Mar. 17.
- Water heating system. A. G. Fite. 2,047,864; July 14.
- Water heating system, Electric. J. H. Reifenberg. 2,039,030; Apr. 28.
- Water heating system for bottle washing machine. G. C. Evans. 2,048,602; July 21.
- Water heating system, Slow recovery converter. M. W. Belka and J. F. Wood. 2,065,109; Dec. 22.
- Water in oil wells, Shutting off. H. A. Ambrose. 2,032,825; Mar. 3.
- Water inlet and outlet condition signal. J. J. McCarthy. 2,059,009; Oct. 27.
- Water intrusion through perforated casing, Method and apparatus for shutting off. O. P. Yowell. 2,054,353; Sept. 15.
- Water jacket for electric discharge devices. M. A. Acheson. 2,061,415; Nov. 17.
- Water level control. E. Davis and P. N. Braun. 2,057,513; Oct. 13.
- Water level controller. B. W. Dezotell. 2,043,530; June 9.
- Water level gauge. P. A. Jerguson. 2,043,753; June 9.
- Water level gauge. P. A. Jerguson. 2,065,705; Dec. 29.
- Water level indicator for steam boilers. L. O. Gunderson. 2,031,644; Feb. 25.
- Water meter coupling. R. G. Stallard. 2,058,735; Oct. 27.
- Water of gelation, Removing. M. J. Shoemaker. 2,028,296; Jan. 21.
- Water outlet and salt inlet device for water softener. W. J. Kenney. 2,042,008; May 26.



- Water passover. O. G. Beck. 2,059,927; Nov. 3.  
 Water pipe. S. McMichael. 2,029,630; Feb. 4.  
 Water power motor. R. N. Lindner and C. M. Melven. 2,052,780; Sept. 1.  
 Waterproof material and process and apparatus for preparing the aggregate contained therein. E. H. and B. C. Canon. 2,056,387; Oct. 6.  
 Waterproof scoop on fiber materials, Producing. E. Götte. 2,051,843; Aug. 25.  
 Waterproofing composition. H. B. Gottlieb. 2,057,675; Oct. 20.  
 Waterproofing composition. E. B. Peck. 2,058,821; Oct. 27.  
 Waterproofing composition and method of waterproofing fabric. J. B. Cleaveland. 2,046,305; June 30.  
 Waterproofing composition and process. J. R. Hubbard. 2,043,324; June 9.  
 Water pump. B. A. Swennes. 2,065,834; Dec. 29.  
 Water purification. G. H. Gibson. 2,054,798; Sept. 22.  
 Water purification. O. M. Urbain. 2,029,959-61; Feb. 4.  
 Water, Purification of. M. Adler. 2,041,584; May 19.  
 Water purifying and degasifying apparatus. V. A. Rohlin. 2,047,291-2; July 14.  
 Water purifying mechanism. J. S. Wallace. 2,027,501; Jan. 14.  
 Water, Purifying of. M. Jaenicke and G. Bailleul. 2,031,711; Feb. 25.  
 Water reclaim. V. P. McVoy. 2,027,395; Jan. 14.  
 Water regulator system, Feed. V. V. Veenschoten. 2,057,172; Oct. 13.  
 Water relief valve, Steam line. L. C. Hyatt. 2,031,953; Feb. 25.  
 Water sands by a hydratable material, Plugging. G. E. Cannon. 2,065,512; Dec. 29.  
 Water saver device for steam lines and air-conditioning. D. R. Isles. 2,058,316; Oct. 20.  
 Water softener. C. P. Eisenhauer. 2,050,966; Aug. 11.  
 Water softener. C. P. Eisenhauer. 2,061,797; Nov. 24.  
 Water softener. E. M. Lieberman. 2,037,332; Apr. 14.  
 Water softener. G. W. Van Eweyk. 2,042,749; June 2.  
 Water softener apparatus. G. Moore. 2,033,533; Mar. 10.  
 Water softener, Attachable. W. F. Van Eweyk. 2,049,530; Aug. 4.  
 Water softener, Automatically regenerating. W. J. Kenney. 2,044,247; June 16.  
 Water-softener regenerating process and apparatus. F. X. and E. J. Lauterbur. 2,042,178; May 26.  
 Water, Softening. H. V. Churchill. 2,059,552; Nov. 3.  
 Water softening. H. G. Lykken and J. B. Estabrook. 2,044,582; June 16.  
 Water softening. R. S. Rankin. 2,044,583-4; June 16.  
 Water softening apparatus. E. Pick. 2,052,515; Aug. 25.  
 Water supply and distribution means for a humidifier. M. Stanton. 2,035,728; Mar. 31.  
 Water supply apparatus, Domestic. C. E. Ralph. 2,059,909; Nov. 3.  
 Water system unit. L. G. Knapp. 2,054,824; Sept. 22.  
 Watertight box connector. P. N. Dann. 2,062,400; Dec. 1.  
 Water to a steam generator, System for feeding. M. C. Tremblay. 2,039,265; Apr. 28.  
 Water, Treating. G. Ornstein. 2,062,231; Nov. 24.  
 Water, Treating. L. Rosenstein. 2,038,316; Apr. 21.  
 Water treating apparatus. A. C. Inch. 2,036,634; Apr. 7.  
 Water treating apparatus. E. Pick. 2,061,714-5; Nov. 24.  
 Water treating apparatus. E. Staegemann. 2,051,155; Aug. 18.  
 Water tube boiler. F. T. Jenkins. 2,053,480; Sept. 8.  
 Water tube boiler. J. Johnson. 2,034,237; Mar. 17.  
 Water tube boiler. J. O. Nygaard. 2,030,265; Feb. 11.  
 Water tube boiler, Superheating. C. S. Turner. 2,046,349; July 7.  
 Watering device, Automatic. T. Dodge. 2,031,146; Feb. 18.  
 Watering tube device for packaged plants, shrubs, etc. C. E. Gardner. 2,039,986; May 5.  
 Waterless gas holder. F. Einbeck. 2,054,693; Sept. 15.  
 Waters, Purification of organically polluted. O. M. Urbain. 2,029,958; Feb. 4.  
 Waters, Purification of potable and polluted. O. M. Urbain and W. R. Stemen. 2,029,962-4; Feb. 4.  
 Waters, Purification of potable and polluted. O. M. Urbain and W. R. Stemen. 2,050,398; Aug. 11.  
 Watt-hour demand meter. R. H. Lewis and G. W. Rosenberger. 2,047,376; July 14.  
 Watt-hour meter. W. G. Mylius and T. D. Barnes. 2,057,443; Oct. 13.  
 Watt hour meter, Detachable. W. C. Nein. 2,030,116; Feb. 11.  
 Wattmeter, Compensated. G. H. Browning. 2,031,207; Feb. 18.  
 Wave apparatus, Ultra short. W. Dällenbach. 2,061,508; Nov. 17.  
 Wave communication system, Ultra short. C. W. Hansell. 2,028,866; Jan. 28.  
 Wave demodulator, Phase or amplitude modulated. M. G. Crosby. 2,063,588; Dec. 8.  
 Wave device, Permanent. R. Braunagel. 2,051,763; Aug. 18.  
 Wave energy, Method and apparatus for the determination of direction of a source of. B. R. Hubbard. 2,040,850; May 19.  
 Wave filter. H. W. Bode. 2,035,258; Mar. 24.  
 Wave filter. R. L. Dietzold. 2,054,794; Sept. 22.  
 Wave filter. E. Lakatos. 2,056,281; Oct. 6.  
 Wave filter. C. E. Lane. 2,037,171; Apr. 14.  
 Wave filter. W. P. Mason. 2,045,991; June 30.  
 Wave generation system. R. Gürtler. 2,063,307; Dec. 8.  
 Wave motor. H. A. Franklin. 2,028,056; Jan. 14.  
 Wave oscillating system, Standing. I. E. Mourmousseff and H. V. Noble. 2,032,181; Feb. 25.  
 Wave range changing over device for radio receiving apparatus. P. R. Dyksterhuis. 2,037,159; Apr. 14.  
 Wave receiver, Single dial all. C. L. Chunn. 2,039,885; May 5.  
 Wave setter. A. Goodman. 2,040,807; May 12.  
 Wave signal collecting system. H. A. Wheeler. 2,064,774; Dec. 15.  
 Wave signal receiver. N. P. Case. 2,058,565; Oct. 27.  
 Wave signal receiving system. H. A. Wheeler. 2,050,680; Aug. 11.  
 Wave signaling method and apparatus. P. M. Haffcke. 2,041,245; May 19.  
 Wave signaling method and apparatus. P. M. Haffcke. 2,058,686; Oct. 27.  
 Wave signaling, Short. N. E. Lindenblad. 2,052,888; Sept. 1.  
 Wave signaling system. E. F. Carter. 2,034,226; Mar. 17.  
 Wave signaling system. H. A. Wheeler. 2,039,136; Apr. 28.  
 Wave translating device. A. I. Abrahams. 2,066,133; Dec. 29.  
 Wave translating system. L. A. Ware. 2,033,963; Mar. 17.  
 Wave translation system. E. B. Ferrell. 2,033,136; Mar. 10.  
 Wave transmission network. S. Bobis. 2,043,345; June 9.  
 Wave transmission network. S. Bobis. 2,044,047; June 16.  
 Wave transmission network. H. W. Bode. 2,029,014; Jan. 28.  
 Wave transmission network. H. W. Bode. 2,029,698; Feb. 4.  
 Wave transmission network. H. Whittle. 2,041,098; May 19.  
 Wave transmission networks. H. W. Bode. 2,058,210; Oct. 20.  
 Wave transmitting system, Single. W. M. Hahnmann. 2,063,500; Dec. 8.  
 Waves on a body of water, Method and apparatus for producing surface. F. K. Herz. 2,056,855; Oct. 6.  
 Waving apparatus, Permanent. M. Burton. 2,057,005; Oct. 13.  
 Waving apparatus, Permanent. H. N. Durham and G. B. Finnegan, Jr. 2,051,689; Aug. 18.  
 Wax, Apparatus for molding. A. A. English. 2,035,117; Mar. 24.  
 Wax applicator. L. Cabana. 2,062,049; Nov. 24.  
 Wax applier, polisher, and carpet sweeper, Combined. D. B. Replogle. 2,051,058; Aug. 18.  
 Wax composition. H. J. Rose. 2,036,301; Apr. 7.  
 Wax from hydrocarbon oil, Removal of. B. Y. Manley, B. Y. McCarty, and H. H. Gross. 2,045,305; June 23.  
 Wax from hydrocarbon oil, Removal of. B. Y. McCarty and W. E. Skelton. 2,027,346; Jan. 7.  
 Wax from hydrocarbon oil, Removal of. B. Y. McCarty and W. E. Skelton. 2,035,490-1; Mar. 31.  
 Wax from oil, Removing. B. Hopper. 2,031,108; Feb. 18.  
 Wax from oil, Separating. U. B. Bray. 2,031,095; Feb. 18.  
 Wax from oils, Separation of. C. E. Adams and F. W. Scheinman. 2,038,624; Apr. 28.  
 Wax from soft wax associated therewith, Separation of hard. L. Beynon. 2,045,567; June 30.  
 Wax haze from an oil, Removing. R. N. Watts and J. McA. Harris, Jr. 2,033,057; Mar. 3.  
 Wax, Insulating. S. H. Diggs, R. E. Beard, and J. M. Page, Jr. 2,050,428; Aug. 11.  
 Wax-like composition. S. D. Gehman. 2,050,209; Aug. 4.  
 Waxlike dielectric composition. J. E. Moose. 2,046,526; July 7.  
 Wax modifiers and products thereof, Producing. A. H. Gleason. 2,049,058; July 28.  
 Wax, Nonslippery floor. T. G. Dixon. 2,030,055; Feb. 11.  
 Wax, Removing. U. B. Bray and D. E. Carr. 2,048,244; July 21.  
 Wax sweating. V. Voorhees. 2,045,425; June 23.  
 Wax to fowls and the like, Apparatus for applying adhesive. A. W. Bruce. 2,047,544; July 14.  
 Waxer and polisher, Combination. T. E. O'Connor. 2,057,500; Oct. 13.  
 Waxes, Sulphonation of. A. Rheiner and J. Link. 2,044,399; June 16.  
 Waxing and polishing compositions. A. W. Ralston and C. W. Christensen. 2,033,544; Mar. 10.  
 Waxing apparatus. K. Svetlik. 2,037,349; Apr. 14.  
 Wear receiving element for brake heads. V. H. Harbert. 2,041,064; May 19.  
 Wear resistant qualities of a body, Improving the. J. A. Zublin. 2,043,142; June 2.  
 Wear testing machine. L. W. Spring and J. J. Kanter. 2,037,939; Apr. 21.  
 Wear testing machine. C. O. Strom. 2,040,962; May 19.  
 Weasand product and method of preparing. N. M. Adams. 2,062,489; Dec. 1.  
 Weather integrator. H. J. Smith. 2,044,128; June 16.  
 Weather-strip. R. B. Calcutt. 2,032,683; Mar. 3.  
 Weatherstrip. R. B. Calcutt. 2,035,862; Mar. 31.  
 Weather strip. J. W. Ewing. 2,042,707; June 2.  
 Weather strip. J. O. Grady. 2,032,698; Mar. 3.  
 Weather strip. L. F. Julien. 2,049,064; July 28.



- Weather strip. A. M. Lane. 2,065,078; Dec. 22.  
 Weatherstrip. J. M. Lewis. 2,062,229; Nov. 24.  
 Weather strip. C. E. McCormick. 2,033,436; Mar. 10.  
 Weather strip. F. Reese. 2,066,188; Dec. 29.  
 Weather strip. C. A. Tea. 2,060,353; Nov. 10.  
 Weather strip. P. H. Travis. 2,051,757; Aug. 18.  
 Weather strip and silencer, Automatic. J. K. Robinson. 2,035,723; Mar. 31.  
 Weather strip, Automatic. W. L. Hawk. 2,033,241; Mar. 10.  
 Weather strip, Door. J. I. Hamm. 2,043,700; June 9.  
 Weather strip, Metal. A. M. Lane. 2,052,032; Aug. 25.  
 Weather strip, Metal. W. H. Storck. 2,032,726; Mar. 3.  
 Weather strip, Resilient. J. F. Fauner. 2,049,494; Aug. 4.  
 Weather strip retainer. A. W. I. Hartbauer. 2,044,881; June 23.  
 Weather stripping for doors. M. E. Muse. 2,041,261; May 19.  
 Weather stripping, Metal. H. A. Kammerer. 2,048,609; July 21.  
 Weather vane. E. E. Dungan. 2,061,189; Nov. 17.  
 Weaver's knotter. N. Cook. 2,040,546; May 12.  
 Weaving device. A. B. Collingbourne. 2,063,726; Dec. 8.  
 Weaving loom. K. Schwabe. 2,048,356; July 21.  
 Web and bituminized article made therefrom and making same. H. W. Greider and G. A. Fasold. 2,051,168; Aug. 18.  
 Web change mechanism. H. A. W. Wood. 2,033,799; Mar. 10.  
 Web clamping unit for articles of furniture. S. S. Bernstein. 2,028,493; Jan. 21.  
 Web control for printing presses. I. Tornberg. 2,037,353; Apr. 14.  
 Web controller. T. H. Grozier. 2,041,602; May 19.  
 Web cut-off mechanism. H. B. Greenwood. 2,052,461; Aug. 25.  
 Web cutting mechanism for bag machines. G. W. Poppe. 2,054,297; Sept. 15.  
 Web cutting mechanism for printing machines. A. M. Zuckerman. 2,027,412; Jan. 14.  
 Web fabric printing, Method of and machine for multiple. J. F. Foley and G. E. Couillard. 2,033,618; Mar. 10.  
 Web feeding and web operating control means. A. Novick. 2,060,822; Nov. 17.  
 Web feeding mechanism. A. J. Horton. 2,066,307; Dec. 29.  
 Web for artificial tooth backing, Solid. R. Rath. 2,026,706; Jan. 7.  
 Web guide, Automatic. W. C. Nash. 2,037,086; Apr. 14.  
 Web handling apparatus. W. S. Aiken. 2,059,979; Nov. 3.  
 Web material. E. Hurst and M. Crane. 2,055,410; Sept. 22.  
 Web material, Method and apparatus for forming. E. Hurst and M. Crane. 2,055,412; Sept. 22.  
 Web of flexible material, Severing and feeding a. J. Peyser. 2,049,135; July 28.  
 Web printing rotary press. H. M. Barber. 2,048,484-5; July 21.  
 Web processing machine. C. P. Putnam. 2,048,754; July 28.  
 Web, Reinforced carded. J. H. Goldman. 2,039,312; May 5.  
 Web register in multicolor presses, Maintaining. C. F. Dausmann. 2,034,994; Mar. 24.  
 Web registering and cutting device. E. L. Smith and E. F. Cornock. 2,035,201; Mar. 24.  
 Web registering device. F. B. Fuller. 2,029,919; Feb. 4.  
 Web registering device. E. L. Smith and F. R. Clark. 2,033,857; Mar. 10.  
 Web registering device. H. A. W. Wood. 2,065,000; Dec. 22.  
 Web roll controlling device. H. A. W. Wood. 2,042,919; June 2.  
 Web roll controlling mechanism for printing machines. H. V. Ball. 2,032,339; Feb. 25.  
 Web roll speed control. H. A. W. Wood. 2,029,045; Jan. 28.  
 Web roll support. H. A. W. Wood. 2,060,360; Nov. 10.  
 Web roll tensioning device. J. A. Isbell and C. L. Ricards. 2,027,866; Jan. 14.  
 Web splicing device. H. C. Jordhoy and C. L. Ricards. 2,063,384; Dec. 8.  
 Web splicing device. I. Tornberg. 2,039,463; May 5.  
 Web splicing device. H. A. W. Wood. 2,029,046; Jan. 28.  
 Web splicing device. H. A. W. Wood. 2,047,813; July 14.  
 Web splicing device. H. A. W. Wood. 2,049,791; Aug. 4.  
 Web splicing device. H. A. W. Wood. 2,060,359; Nov. 10.  
 Web splicing device. H. A. W. Wood. 2,063,359; Dec. 8.  
 Web splicing device. H. A. W. Wood. 2,065,001; Dec. 22.  
 Web splicing machine, Automatic. H. A. W. Wood. 2,048,767; July 28.  
 Web supply carrier for typewriting machines. C. W. Larkin. 2,039,721; May 5.  
 Web supply means. D. J. Scott. 2,034,838; Mar. 24.  
 Web supply mechanism. A. J. Horton. 2,063,098; Dec. 8.  
 Web supply mechanism for printing presses. A. J. Horton and W. A. Smith. 2,062,361; Dec. 1.  
 Web supply mechanism for printing machines. J. R. Tomlin. 2,045,059; June 23.  
 Web-supplying apparatus. E. W. Stacey. 2,034,063; Mar. 17.  
 Web tensioning mechanism. G. H. Wheldon. J. E. Murphy, and H. A. Lotz. 2,064,638; Dec. 15.  
 Webs, Apparatus for feeding and severing. T. G. Jackson. 2,037,330; Apr. 14.  
 Webs, Apparatus for imparting stretchability to. W. W. Rowe and W. A. Morris. 2,034,421; Mar. 17.  
 Webs, Method and apparatus for making granular coated. R. C. Benner, H. P. Kirchner, and R. L. Melton. 2,049,535; Aug. 4.  
 Webs, Method and apparatus for uniting printed. D. J. Seaman and H. H. Metcalf. 2,050,767; Aug. 11.  
 Webs of fiber, Manufacture of rubber-reinforced waterlaid. M. O. Schur. 2,041,968; May 26.  
 Webs of interfelted fiber, Manufacture of smooth-faced. M. O. Schur. 2,064,360; Dec. 15.  
 Webs of material, Treatment of. W. W. Spooner. 2,060,430; Nov. 10.  
 Webs, Process and apparatus for the drying of travelling. O. Merckens. 2,061,976; Nov. 24.  
 Wedge, Arch supporting. H. Wagner. 2,044,233; June 16.  
 Wedge cutting machine. B. V. Gilmore. 2,054,218; Sept. 15.  
 Wedge, Handle. F. C. Bitzenburger. 2,034,080; Mar. 17.  
 Weed and vine cutter. N. G. Schatz. 2,052,802; Sept. 1.  
 Weed cutter. L. J. Haager. 2,059,731; Nov. 3.  
 Weed cutter. O. C. Pierce. 2,062,820; Dec. 1.  
 Weed cutting machine, for lawns, etc. H. T. Cline. 2,034,505; Mar. 17.  
 Weed eradicator. A. Stanelle. 2,045,376; June 23.  
 Weed exterminating tool. A. H. Thomas. 2,055,266; Sept. 22.  
 Weed exterminator. D. L. Dick. 2,051,684; Aug. 18.  
 Weed killing compositions. A. W. Ralston and C. W. Christensen. 2,062,823; Dec. 1.  
 Weed puller. E. T. Hardy. 2,027,773; Jan. 14.  
 Weed puller. M. Nirdlinger. 2,041,263; May 19.  
 Weed puller. R. L. Smith. 2,030,770; Feb. 11.  
 Weed puller. R. L. Smith. 2,057,067; Oct. 13.  
 Weeder. C. L. Campbell. 2,039,702; May 5.  
 Weeder and seeder. G. Pirich. 2,029,833; Feb. 4.  
 Weeds and the aeration of the soil, Appliance for the extraction of. H. Fry. 2,057,142; Oct. 13.  
 Weeds, Method for the selective destruction of. I. Pastac. 2,054,509; Sept. 15.  
 Weeds, roots, or the like from the ground, Apparatus for extracting. H. A. Humphrey. 2,035,967; Mar. 31.  
 Weft detecting mechanism for multicolor shuttle changers. R. G. Turner. 2,054,174; Sept. 15.  
 Weft detecting mechanism for multicolor shuttle changing looms. R. G. Turner. 2,054,176; Sept. 15.  
 Weft detecting mechanism for multicolor shuttle changing looms. R. G. Turner. 2,054,180; Sept. 15.  
 Weft detecting mechanism for pick-and-pick looms, Electrical. A. A. Gordon. 2,049,584; Aug. 4.  
 Weft detecting system for shifting shuttle box looms. R. G. Turner. 2,054,181; Sept. 15.  
 Weft detector, Convertible. O. V. Payne. 2,050,066; Aug. 4.  
 Weft detector, Locking side slipping. O. V. Payne. 2,033,003; Mar. 3.  
 Weft detector, Reversible side slipping. O. V. Payne. 2,033,002; Mar. 3.  
 Weft detector, Side slipping electrically indicating. O. V. Payne. 2,033,001; Mar. 3.  
 Weft detector system for shifting box ends of looms. L. S. Vose. 2,054,185; Sept. 15.  
 Weft detector tip, Grid type. O. V. Payne. 2,049,590; Aug. 4.  
 Weft-end clearing and bobbin stripping mechanism for filling replenishing looms. A. C. Kimbirl. 2,057,619; Oct. 13.  
 Weft-feeder for weaving looms with continuous weft feeding. R. Dewas. 2,059,726; Nov. 3.  
 Weft replenishing device, Automatic. J. P. Camps. 2,044,206; June 16.  
 Weft replenishing mechanism of looms for weaving. J. E. Moore. 2,031,726; Feb. 25.  
 Weigher, screener, and sacker, Combination. R. M. Waterbury. 2,045,813; June 30.  
 Weighing and recording mechanism. J. V. Rice, Jr. 2,032,378; Mar. 3.  
 Weighing and ticket printing machine. G. F. Hochriem. 2,053,433; Sept. 8.  
 Weighing apparatus. M. E. Brendel. 2,040,073; May 12.  
 Weighing apparatus. E. Holm. 2,056,900; Oct. 6.  
 Weighing apparatus. H. E. McCrery. 2,066,012; Dec. 29.  
 Weighing apparatus. W. H. Rees. 2,055,730; Sept. 29.  
 Weighing device. R. O. Bate. 2,056,997; Oct. 13.  
 Weighing device. F. V. Waltz. 2,049,281; July 28.  
 Weighing device, Automatic. R. N. Cundall. 2,058,775; Oct. 27.  
 Weighing device for paving plants, Electrically controlled automatic. M. Madsen, A. H. Ziegler, H. B. Parrot, and H. M. Ruth. 2,038,746; Apr. 28.  
 Weighing feeder. M. E. Grunewald. 2,050,314; Aug. 11.  
 Weighing machine. F. Brown. 2,065,964; Dec. 29.  
 Weighing machine, Automatic. J. B. Howe. 2,028,544; Jan. 21.  
 Weighing machine, Automatic. W. D. Jordan. 2,054,290; Sept. 15.  
 Weighing machine, Automatic. F. A. Randall and J. D. Cantoni. 2,050,586; Aug. 11.  
 Weighing machine, Automatic. M. Vogel-Jorgensen. 2,055,131; Sept. 22.  
 Weighing machine, Automatic. E. L. Wicks. 2,041,629; May 19.  
 Weighing mechanism. J. B. Howe. 2,028,545; Jan. 21.



- Weighing mechanism. E. von Segebaden and G. Orström. 2,038,458; Apr. 21.
- Weighing mechanism. M. J. Weber and R. E. Vanderhoff. 2,056,546; Oct. 6.
- Weighing, sifting, and delivering apparatus. E. J. Lauterbur. 2,065,079; Dec. 22.
- Weighing system. C. V. Hallenbeck. 2,047,629; July 14.
- Weight and tensioning measuring device. W. T. Wells. 2,061,863; Nov. 24.
- Weight, Balancing. A. G. Marsh. 2,049,918; Aug. 4.
- Weight controlled machine. F. Q. Rast. 2,036,081; Mar. 31.
- Weight device. S. Roinestad. 2,047,888; July 14.
- Weight for load balancing cranks. H. N. Marsh. 2,036,592; Apr. 7.
- Weight indicating mechanism and the like. M. E. Brendel. 2,040,072; May 12.
- Weight indicating mechanism for weighing scales, Electrically controlled. M. E. Brendel. 2,040,071; May 12.
- Weight-latched box. C. K. Ellsworth. 2,047,017; July 7.
- Weight of flowing grain, Method of and apparatus for determining the. E. L. Henson. 2,047,203; July 14.
- Weight, Paper. A. G. Ellinwood. 2,043,611; June 9.
- Weight, Wheel balancing. V. L. Du Sang. 2,029,561; Feb. 4.
- Weighting means for spinning frames. C. Morton. 2,032,298; Feb. 25.
- Weir. Th. Becher. 2,055,192; Sept. 22.
- Weir, Milk bottle. J. S. Lundgren. 2,030,703; Feb. 11.
- Weir, Sluice. K. Schön. 2,026,656; Jan. 7.
- Weld and making same, Sinuous seam. J. P. Tarbox. 2,050,026; Aug. 4.
- Weld rod. A. G. de Golyer. 2,050,043; Aug. 4.
- Welded article and process therefor. S. A. Snell. 2,031,863; Feb. 25.
- Welded articles, Manufacturing. A. Kollhof. 2,032,990; Mar. 3.
- Welded steel engine. B. Loeffler. 2,030,995; Feb. 18.
- Welder, Arc. L. C. Shippy. 2,064,085; Dec. 15.
- Welder, Electric arc. M. Ito. 2,028,780; Jan. 28.
- Welder, Multiple automatic. H. W. Roth. 2,033,851; Mar. 10.
- Welder, Portable. A. Waeschle. 2,053,452; Sept. 8.
- Welder, Sealing. C. Herzog. 2,056,398; Oct. 6.
- Welding. R. K. Hopkins. 2,050,326; Aug. 11.
- Welding. A. Krauss. 2,043,212; June 2.
- Welding. M. Näder. 2,028,223; Jan. 21.
- Welding. P. Ostendorf. 2,064,684; Dec. 15.
- Welding. E. H. Taylor. 2,031,138; Feb. 18.
- Welding and cutting apparatus. R. J. Kehl. 2,036,734; Apr. 7.
- Welding and cutting apparatus. G. T. Southgate. 2,063,467; Dec. 8.
- Welding apparatus. J. H. Blankenbuehler and A. C. Huukeler. 2,060,489; Nov. 10.
- Welding apparatus. A. F. de Viney. 2,065,662; Dec. 29.
- Welding apparatus. J. A. Dorrat. 2,030,689; Feb. 11.
- Welding apparatus. A. J. Fausek and I. F. Fausek. 2,054,971; Sept. 22.
- Welding apparatus. B. Halle. 2,054,375; Sept. 15.
- Welding apparatus. H. W. Larson. 2,028,225; Jan. 21.
- Welding apparatus. R. B. Lincoln and A. M. Candy. 2,036,224; Apr. 7.
- Welding apparatus. W. H. Martin. 2,063,258; Dec. 8.
- Welding apparatus. H. L. Palmer. 2,049,312; July 28.
- Welding apparatus. F. L. Re Qua. 2,066,123; Dec. 29.
- Welding apparatus. W. Richter. 2,045,803; June 30.
- Welding apparatus. R. M. Stephens and V. J. Chapman. 2,066,163; Dec. 29.
- Welding apparatus, Electric. H. G. Warnke. 2,062,849; Dec. 1.
- Welding apparatus, Electric arc. J. P. Tripp. 2,031,288; Feb. 18.
- Welding apparatus, Electric spot. D. Sclaky. 2,054,343; Sept. 15.
- Welding, Apparatus for. E. Riemenschneider. 2,061,671; Nov. 24.
- Welding, Apparatus for electric. C. N. Mitchell. 2,034,411; Mar. 17.
- Welding, Apparatus for electric. F. L. Sessions. 2,029,594; Feb. 4.
- Welding, Arc. H. Bretdschneider. 2,046,999; July 7.
- Welding, Arc. H. E. Kennedy, M. A. Rotermund and L. T. Jones. 2,026,943; Jan. 7.
- Welding, Arc. L. C. Pickhaver. 2,046,966; July 7.
- Welding, Arc. A. J. Rivett-Carnac. 2,033,816; Mar. 10.
- Welding, Butt. W. L. Brookins and H. W. Jones. 2,047,306; July 14.
- Welding device. R. E. Powell. 2,059,605; Nov. 3.
- Welding device, Transportable electric. P. N. Lvov. 2,054,384; Sept. 15.
- Welding, Electric. E. G. Beiderman. 2,047,573; July 14.
- Welding, Electric. E. G. Beiderman. 2,058,553; Oct. 27.
- Welding, Electric. J. M. Hothersall. 2,047,964; July 21.
- Welding, Electric. L. T. Jones, H. E. Kennedy, and M. A. Rotermund. 2,043,960; June 9.
- Welding, Electric arc. P. E. Jerabek. 2,038,178; Apr. 21.
- Welding, Electric arc. R. Sresau. 2,033,311; Mar. 10.
- Welding joint for wire cloth. F. Steinbart. 2,049,752; Aug. 4.
- Welding machine. A. F. Bell. 2,047,305; July 14.
- Welding machine. J. V. Caputo. 2,052,964; Sept. 1.
- Welding machine. V. J. Chapman. 2,052,380; Aug. 25.
- Welding machine. P. W. Fassler. 2,033,616; Mar. 10.
- Welding machine. J. M. Floyd, L. E. Long, J. W. Nash, and H. H. Dibble. 2,041,461; May 19.
- Welding machine. W. H. Martin. 2,042,322; May 26.
- Welding machine. C. E. Sorensen and W. F. Pioch. 2,057,794; Oct. 20.
- Welding machine. F. Vettori. 2,039,857; May 5.
- Welding machine. E. J. von Henke. 2,031,082; Feb. 18.
- Welding machine. E. J. W. Ragsdale. 2,034,536; Mar. 17.
- Welding machine and welding. C. Lee. 2,062,460; Dec. 1.
- Welding machine, Continuous electric. J. V. Caputo. 2,052,963; Sept. 1.
- Welding machine, One-face resistance. P. W. Fassler. 2,045,523; June 23.
- Welding machine, Portable. P. W. Fassler. 2,041,913; May 26.
- Welding material. J. Strauss. 2,040,189; May 12.
- Welding method. S. Moreira. 2,036,880; Apr. 7.
- Welding method and apparatus. R. N. Stoddard. 2,050,393; Aug. 11.
- Welding method and apparatus. C. A. Wulf. 2,040,038; May 5.
- Welding or cutting apparatus. R. J. Kehl. 2,036,733; Apr. 7.
- Welding process and apparatus. F. C. Hutchison. 2,065,467; Dec. 22.
- Welding process and apparatus. M. J. Wall. 2,036,732; Apr. 7.
- Welding, Resistance. J. C. Granfield and J. T. Vienneau. 2,036,041; Mar. 31.
- Welding, Resistance spot. J. H. Redmond. 2,046,969; July 7.
- Welding rod. J. B. Austin and G. E. Durham. 2,048,174; July 21.
- Welding rod. W. B. Price. 2,046,088; June 30.
- Welding rod, Aluminum. F. Keller. 2,043,855; June 9.
- Welding rod and the like. E. S. Bunn. 2,035,423; Mar. 24.
- Welding rod or wire. O. L. Howland. 2,042,899; June 2.
- Welding rods, Apparatus for coating. A. G. Delany. 2,050,830; Aug. 11.
- Welding system. H. M. Turner. 2,036,896; Apr. 7.
- Welding system, Arc. W. R. Harding. 2,057,521; Oct. 13.
- Welding tip. A. P. Ball. 2,051,284; Aug. 18.
- Welding tool, Electric. A. E. York. 2,057,320; Oct. 13.
- Weldrod. J. E. Trainer. 2,057,861; Oct. 20.
- Well apparatus. K. E. Young. 2,044,657; June 16.
- Well bit. J. H. Howard. 2,061,657; Nov. 24.
- Well bit. A. W. Kammerer. 2,049,543; Aug. 4.
- Well bit. J. C. Wright. 2,034,073; Mar. 17.
- Well boring apparatus. A. Pranger and B. Boykin, Jr. 2,030,318; Feb. 11.
- Well casing protector. W. I. Bettis. 2,045,629; June 30.
- Well cleaner. F. N. Schneringer. 2,038,961; Apr. 28.
- Well cleaner. C. C. Taylor. 2,052,006; Aug. 25.
- Well cleaner. L. C. Tilbury and G. F. Turechek. 2,043,340; June 9.
- Well cleaning device. J. T. Barkeley. 2,048,095; July 21.
- Well cleaning device. J. T. Barkeley and H. E. Scantlebury. 2,043,979; June 16.
- Well cleaning device. V. F. Ehrgott. 2,059,566; Nov. 3.
- Well cleaning device. W. C. Erwin. 2,059,630-1; Nov. 3.
- Well cleaning device. W. C. Erwin and C. H. Sweet. 2,059,627; Nov. 3.
- Well cleaning device. J. J. Santiago. 2,059,611; Nov. 3.
- Well cleanout tool. J. C. Smith and J. S. Taylor. 2,028,418; Jan. 21.
- Well clean-out tool. J. S. Taylor. 2,061,489; Nov. 17.
- Well core drill. J. H. Howard and J. C. Wright. 2,038,793; Apr. 28.
- Well depths, Method and apparatus for measuring. P. E. Lehr and H. T. Wyatt. 2,047,974; July 21.
- Well drill. J. C. Wright. 2,034,074; Mar. 17.
- Well drill, Roller boring. F. L. Scott. 2,038,387; Apr. 21.
- Well drilling and pumping apparatus. G. McConnell. 2,051,614; Aug. 18.
- Well drilling apparatus. W. L. Church. 2,031,931; Feb. 25.
- Well drilling apparatus. J. A. Lupfer. 2,039,816; May 5.
- Well drilling apparatus. H. C. Otis. 2,052,939; Sept. 1.
- Well drilling apparatus, Deep. H. Muegge. 2,049,971; Aug. 4.
- Well drilling apparatus, Rotary. A. E. Johnson. 2,027,734; Jan. 14.
- Well drilling bit, Stabilized. J. C. Wright. 2,054,277; Sept. 15.
- Well-drilling machine. F. R. Stoll. 2,035,350; Mar. 24.
- Well drilling rig. J. P. Herke. 2,053,715; Sept. 8.
- Well drilling system. G. F. Le Bus. 2,054,223; Sept. 15.
- Well drilling system. N. Wilkinson. 2,026,600; Jan. 7.
- Well drilling tool. J. H. Howard. 2,044,303; June 16.
- Well drilling tool. J. H. Howard. 2,054,255; Sept. 15.
- Well drilling tool. J. C. Wright. 2,028,579; Jan. 21.
- Well drilling unit. L. W. Krall. 2,056,471; Oct. 6.
- Well elevator. W. W. Wilson. 2,065,781; Dec. 29.
- Well flow, Controlling. W. T. Wells. 2,033,563; Mar. 10.
- Well flowing device. M. P. Laurent. 2,065,227; Dec. 22.
- Well, Gas bomb. G. G. Molema. 2,050,666; Aug. 11.
- Wellhead assembly. A. J. and K. T. Penick. 2,035,834; Mar. 31.
- Well head insert. J. H. Howard and Y. L. Markins. 2,034,101; Mar. 17.



- Wellhole sampler. G. M. Shanor. 2,032,509; Mar. 3.  
Well liner and the like, Self-cleaning. F. E. Fairfield. 2,059,939; Nov. 3.  
Well, Method and apparatus for logging a. L. W. Blau and R. W. Gemmer. 2,037,306; Apr. 14.  
Well or the like, Pyrometer. H. W. Fisher. 2,045,764; June 30.  
Well packer. C. P. Gillespie. 2,026,883; Jan. 7.  
Well packer. G. Meyer. 2,052,786; Sept. 1.  
Well packer. D. L. T. O'Connor. 2,048,136; July 21.  
Well packer. B. E. Parrish. 2,059,901; Nov. 3.  
Well packer, Oil. E. D. McFadden. 2,031,613; Feb. 25.  
Well point. T. G. Griffin. 2,028,447; Jan. 21.  
Well point. T. G. Griffin. 2,035,313; Mar. 24.  
Well point. W. W. Lee. 2,042,790; June 2.  
Well-point. T. F. Moore. 2,027,398; Jan. 14.  
Well point. A. C. Saxe. 2,031,983; Feb. 25.  
Well point and making the same. E. E. Johnson. 2,046,456; July 7.  
Well pump. J. C. Shaffer and R. E. Lee. 2,065,541; Dec. 29.  
Well pumping and flowing mechanism. R. C. Williamson. 2,064,966; Dec. 22.  
Well pumping unit. G. T. Humphrey. 2,054,655; Sept. 15.  
Well pumping unit. C. J. Wolff. 2,041,803; May 26.  
Well reamer. J. H. Howard. 2,035,888; Mar. 31.  
Well rig, Oil. W. B. Fultz. 2,059,333; Nov. 3.  
Well screen. E. E. Johnson. 2,046,457; July 7.  
Well screen, Metallically integrated. E. E. Johnson. 2,046,460; July 7.  
Well spudding apparatus. H. W. Cardwell. 2,028,697; Jan. 21.  
Well tool. E. Burns and H. P. Wickersham. 2,029,609; Feb. 4.  
Well tool socket, Deep. R. R. Forster. 2,049,953; Aug. 4.  
Well treating. G. L. Parkhurst. 2,038,956; Apr. 28.  
Wells, Apparatus for and method of cementing. S. E. Manning. 2,029,380; Feb. 4.  
Wells, Apparatus for flowing. H. F. Beardmore. 2,029,457; Feb. 4.  
Wells, Apparatus for heating and agitating. E. C. Hyde, Jr., and J. C. Renfro. 2,042,103; May 26.  
Wells, Apparatus for plugging back or bridging. E. P. Halliburton. 2,058,688; Oct. 27.  
Wells, Apparatus for pumping. I. C. Harris and H. W. Doubrava. 2,063,925; Dec. 15.  
Wells, Apparatus for pumping deep. G. E. Behnke. 2,039,621; May 5.  
Wells, Controlling. J. L. Minahan. 2,026,844; Jan. 7.  
Wells, Drilling. G. Blow. 2,043,504; June 9.  
Wells, Drilling. H. L. Woods. 2,030,777; Feb. 11.  
Wells, Facilitating production of. J. J. Grebe. 2,053,285; Sept. 8.  
Wells for production, Preparing oil. W. T. Wells. 2,033,562; Mar. 10.  
Wells having corroded sand points, Repairing. A. Clasen and F. X. Scholtes. 2,046,870; July 7.  
Wells in cavernous strata, Boring. J. W. O'Brien. 2,041,086; May 19.  
Wells, Increasing production from. E. L. Davis. 2,045,899; June 30.  
Wells, Increasing the productivity of. M. De Groote. 2,038,720; Apr. 28.  
Wells, Increasing the productivity of. M. De Groote. 2,045,759; June 30.  
Wells, Increasing the productivity of. M. De Groote. 2,050,932-3; Aug. 11.  
Wells, Method and apparatus for testing the productivity of the formation in. A. L. Armentrout and E. B. Hall. 2,043,225; June 9.  
Wells, Method and means for flowing. A. Villers. 2,053,981; Sept. 8.  
Wells, Method of flowing. W. L. Clark. 2,034,798; Mar. 24.  
Wells, Mud lining oil and gas. C. P. Bowie. 2,033,509; Mar. 10.  
Wells, Packing. W. T. Wells. 2,033,561; Mar. 10.  
Wells, Perforating deep. M. W. Haines. 2,029,478; Feb. 4.  
Wells, Preliminary procedure for conditioning. M. De Groote. 8,050,931; Aug. 11.  
Wells, Treating. A. G. Loomis, A. J. Teplitz, and H. A. Ambrose. 2,034,347; Mar. 17.  
Wells, Treating oil and gas. M. B. Pitzer. 2,035,719; Mar. 31.  
Wells, Treatment of oil. H. A. Ambrose and A. J. Teplitz. 2,032,826; Mar. 3.  
Wells with acids, Treating. W. J. Hund, A. G. Loomis, and S. E. Lambert, Jr. 2,059,459; Nov. 3.  
Welt. W. J. MacLeod. 2,063,611; Dec. 8.  
Welt and making, Ring. P. C. Arnold. 2,062,288; Dec. 1.  
Welt and making, Ring. W. C. Vizard. 2,062,339; Dec. 1.  
Welt butting machine. B. B. Blanchard. 2,045,577; June 30.  
Welt support. W. S. Anderson. 2,033,669; Mar. 10.  
Welt supporting device. C. H. Pepin. 2,058,499; Oct. 27.  
Welt tempering machine. A. Eppler. 2,046,062; June 30.  
Weltting and shoemaking therewith. P. C. Arnold. 2,039,287; May 5.  
Weltting and shoemaking therewith. W. C. Vizard. 2,039,370; May 5.  
Welts of full fashioned stocking machines, Method and apparatus for turning. K. Howle. 2,036,143; Mar. 31.  
Wetting agent. L. Kahl. 2,035,894; Mar. 31.  
Wetting agents for mercerizing solutions. F. Münz and O. Bayer. 2,043,329; June 9.  
Wetting and foaming agents, Manufacture of. A. O. Snoddy and W. S. Martin. 2,049,670; Aug. 4.  
Wetting, cleansing, and emulsifying agents and producing the same. H. Hunsdiecker and E. Vogt. 2,051,947; Aug. 25.  
Wetting, detergent, and emulsifying agents. K. Hennig. 2,056,272; Oct. 6.  
Wetting device. W. H. Rose. 2,059,748; Nov. 3.  
Wheel: See—  
Abrasive throwing wheel. Pattern wheel.  
Abrasive wheel. Pneumatic railway wheel.  
Aeronautical wheel. Pneumatic wheel.  
Airplane wheel. Polishing and coloring wheel.  
Artillery wheel. Polishing wheel.  
Automobile wheel. Pressing vehicle wheel.  
Auxiliary wheel. Rail car wheel.  
Bucket wheel. Rail wheel.  
Buffing and polishing wheel. Resilient car wheel.  
Buffing wheel. Resilient cushion wheel.  
Buggy wheel. Resilient wheel.  
Car wheel. Retractable auxiliary wheel.  
Casting wheel. Roller bearing car wheel.  
Concealed spare wheel. Roller skate wheel.  
Cushion wheel. Segmental grinding wheel.  
Cutting-off abrasive wheel. Skate wheel.  
Demountable wheel. Skeleton vehicle wheel.  
Driving wheel. Spoke end mounted wheel.  
Dual rim wheel. Sprocket wheel.  
Dual wheel. Steering wheel.  
Emergency wheel. Surface wheel.  
Fish-cleaning wheel. Tail wheel.  
Grinding wheel. Tractor wheel.  
Heat-treated cast steel wheel. Vehicle wheel.  
Locomotive driving wheel. Ventilated buffing wheel.  
Metal wheel. Wagon wheel.  
Mine car wheel. Wind wheel.  
Wheel. J. S. Burgess. 2,058,853; Oct. 27.  
Wheel. R. J. Burrows and A. O. Williams. 2,054,803-4; Sept. 22.  
Wheel. C. L. Eksergian. 2,032,797; Mar. 3.  
Wheel. C. L. Eksergian. 2,066,256; Dec. 29.  
Wheel. F. C. Frank. 2,038,211-12; Apr. 21;  
Wheel. F. C. Frank. 2,048,442-3; July 21.  
Wheel. F. C. Frank. 2,051,838; Aug. 25.  
Wheel. C. F. Hirshfeld. 2,065,134; Dec. 22.  
Wheel. F. L. Main and G. E. Moore. 2,049,215; July 28.  
Wheel. H. M. Pfager. 2,042,160; May 26.  
Wheel. E. H. Piron. 2,033,863; Mar. 10.  
Wheel. C. Sauzedde. 2,030,076; Feb. 11.  
Wheel. C. W. Sinclair. 2,066,233; Dec. 29.  
Wheel. W. Stelzer. 2,041,441; May 19.  
Wheel accessory, Tractor. O. C. Finch. 2,037,412; Apr. 14.  
Wheel aligner, Automatic. R. D. Smith. 2,052,257; Aug. 25.  
Wheel aligner, Automatic. R. D. Smith. 2,059,973-5; Nov. 3.  
Wheel aligning apparatus, Automobile. J. W. Morse and C. S. Phillips. 2,061,326; Nov. 17.  
Wheel aligning device. J. F. Duby. 2,058,066; Oct. 20.  
Wheel aligning device, Automobile. J. W. Morse and A. I. Moore. 2,046,528; July 7.  
Wheel alignment tester. F. Nielsen. 2,033,352; Mar. 10.  
Wheel and axle assembly. F. E. Bachman. 2,043,421; June 9.  
Wheel and axle assembly. F. H. Bender and F. E. Bachman. 2,031,093; Feb. 18.  
Wheel and axle assembly. W. C. Hedgcock. 2,063,738; Dec. 8.  
Wheel and axle assembly. A. H. Oelkers. 2,054,861; Sept. 22.  
Wheel and axle assembly. A. H. Oelkers and F. E. Bachman. 2,054,228; Sept. 15.  
Wheel and axle assembly, Antifriction. A. H. Oelkers. 2,030,151; Feb. 11.  
Wheel and brake therefor. A. C. Hamilton. 2,028,207; Jan. 21.  
Wheel and making the same, Grinding. W. L. Howe. 2,034,721; Mar. 24.  
Wheel and making the same, Metal. D. M. Hester. 2,065,275; Dec. 22.  
Wheel and making the same, Resilient. H. F. Schippel. 2,028,015; Jan. 14.  
Wheel and manufacture, Car. D. P. Steward. 2,046,216; June 30.  
Wheel and producing the same. R. Stefancky. 2,062,841; Dec. 1.  
Wheel and producing the same, Disk. M. Winkler. 2,050,641; Aug. 11.  
Wheel and tire cover, Spare. O. U. Zerk. 2,049,533; Aug. 4.  
Wheel and tire lock, Vehicle. J. H. Gray. 2,027,728; Jan. 14.  
Wheel and tire, Railway vehicle. J. Ledwinka. 2,027,739; Jan. 14.  
Wheel and wheel cover. O. U. Zerk. 2,031,355; Feb. 18.  
Wheel attachment, Tandem. E. H. Schultz. 2,056,371; Oct. 6.



- Wheel axle suspension. M. Wagner. 2,039,671; May 5.  
 Wheel balance. O. R. Skelton. 2,029,132; Jan. 28.  
 Wheel balancer. J. W. Hume. 2,049,703; Aug. 4.  
 Wheel balancing device. A. S. Van Halteren. 2,065,633; Dec. 29.  
 Wheelbarrow. G. Colmorgen. 2,035,535; Mar. 31.  
 Wheelbarrow, Automatic dumping. O. S. Farrar. 2,037,222; Apr. 14.  
 Wheel carrier structure. E. A. Arndt. 2,049,681; Aug. 4.  
 Wheel construction, Fifth. C. G. Seyferth. 2,063,405; Dec. 8.  
 Wheel construction for detachable trailers, Fifth. L. M. Francis. 2,041,124; May 19.  
 Wheel construction, Semiautomatic fifth. C. E. Dorsey, Jr. 2,031,256; Feb. 18.  
 Wheel dressing device for abrasive lapping machines. K. E. Summers. 2,046,097; June 30.  
 Wheel felly and tire-rim support, Heat-dissipating braking. C. Sauzedde. 2,033,958; Mar. 17.  
 Wheel for automobiles, Auxiliary. C. E. Whitehead. 2,045,506; June 23.  
 Wheel for dual demountable rims, Vehicle. L. J. Rogers. 2,039,554; May 5.  
 Wheel for rail cars. C. D. Smith. 2,028,707; Jan. 21.  
 Wheel for railway vehicles. G. F. de Buigné. 2,046,448; July 7.  
 Wheel for road and rail transport. E. Capo. 2,057,415; Oct. 13.  
 Wheel for shoes, Sanding. T. E. Aho. 2,038,154; Apr. 21.  
 Wheel for vehicles, Elastic. L. Härter. 2,049,374; July 28.  
 Wheel for vehicles, Guide. L.-E.-W. Montrose-Oster. 2,042,622; June 2.  
 Wheel for vehicles, Pivoted. L.-E.-W. Montrose-Oster. 2,042,623; June 2.  
 Wheel for vehicles, Resilient. E. H. South. 2,048,575; July 21.  
 Wheel for vehicles running on rails. A. Huguenin. 2,034,816; Mar. 24.  
 Wheel for windmills, Wind. D. R. Scholes. 2,050,129; Aug. 4.  
 Wheel grinding device, Car. H. A. Leonhauser. 2,059,590; Nov. 3.  
 Wheel holder. C. J. Bristol. 2,065,644; Dec. 29.  
 Wheel hub. T. H. Jacob. 2,038,293; Apr. 21.  
 Wheel hub. C. Sauzedde. 2,037,741; Apr. 21.  
 Wheel inclosure, Vehicle. E. A. Koch. 2,031,219; Feb. 18.  
 Wheel locking attachment for trucks. L. E. Alexander. 2,050,251; Aug. 11.  
 Wheel machine. D. W. Voorhees, Jr. 2,053,883; Sept. 8.  
 Wheel made of bended wood, Steering. G. Nagasaki. 2,055,259; Sept. 22.  
 Wheel measuring device. G. M. Graham, A. E. Price, and W. O. Westcott. 2,029,067; Jan. 28.  
 Wheel mount. M. P. Schell. 2,034,155; Mar. 17.  
 Wheel mounting means for motor vehicles. V. Lancia. 2,049,963; Aug. 4.  
 Wheel of the disk type, Road. W. W. Hamill. 2,053,367; Sept. 8.  
 Wheel or other wheel, Railroad car. A. L. Runyan. 2,041,490; May 19.  
 Wheel or tire carrier, Spare. F. E. Erbeck. 2,052,970; Sept. 1.  
 Wheel rail clamp. F. W. Brown. 2,053,179; Sept. 1.  
 Wheel rim. C. L. Eksbergian. 2,028,536; Jan. 21.  
 Wheel rim. P. W. Gaenssle. 2,057,628; Oct. 13.  
 Wheel rim. H. J. Horn. 2,034,947; Mar. 24.  
 Wheel rim. H. J. van Royen. 2,028,029; Jan. 14.  
 Wheel sliding, Apparatus for preventing. F. B. Thomas. 2,038,144; Apr. 21.  
 Wheel sliding protector device. E. S. Cook and C. F. Hammer. 2,038,147; Apr. 21.  
 Wheel spider, Hydraulic braking. C. Sauzedde. 2,059,282; Nov. 3.  
 Wheel springing, Independent. J. Haltenberger. 2,053,869; Sept. 8.  
 Wheel straightening apparatus. F. M. Nimcheck. 2,033,048; Mar. 3.  
 Wheel structure. P. W. Gaenssle. 2,053,710; Sept. 8.  
 Wheel structure. L. G. Knapp. 2,049,566; Aug. 4.  
 Wheel structure, Artillery. C. L. Eksbergian. 2,047,137; July 7.  
 Wheel suspension for motor cars, Front. A. Garardi. 2,064,107; Dec. 15.  
 Wheel suspension for motor vehicles, Independent. F. S. Hastie. 2,054,288; Sept. 15.  
 Wheel suspension and steering mechanism. J. Tjaarda. 2,044,232; June 16.  
 Wheel suspension, Independent. F. E. Clemons. 2,062,778; Dec. 1.  
 Wheel suspension, Individual. J. W. Leighton. 2,052,778; Sept. 1.  
 Wheel suspension, Individual. R. F. Peo. 2,038,597; Apr. 28.  
 Wheel suspension, Vehicle. R. L. Fulton. 2,062,874; Dec. 1.  
 Wheel suspension, Vehicle. W. W. Harris. 2,065,071; Dec. 22.  
 Wheel suspension, Vehicle. M. Poirier. 2,062,233; Nov. 24.  
 Wheel testing instrument, Vehicle. C. A. Button. 2,032,399; Mar. 3.  
 Wheel truing apparatus, Grinding. C. G. Flygare. 2,056,148; Sept. 29.  
 Wheel unit for automobiles, Front. D. W. Sherman. 2,048,953; July 28.  
 Wheels and the like, Method and apparatus for testing grinding. H. R. Simonds. 2,039,563; May 5.  
 Wheels, Apparatus for calculating the angularity of steering. C. H. Phelps. 2,028,622; Jan. 21.  
 Wheels, Balancing. J. W. Hume. 2,052,295; Aug. 25.  
 Wheels, Forming. W. H. Farr. 2,062,564; Dec. 1.  
 Wheels, Making. F. R. Hight. 2,041,656; May 19.  
 Wheels, Making. E. A. Nelson. 2,041,202; May 19.  
 Wheels, Making. G. J. Pannecoucke. 2,051,314; Aug. 18.  
 Wheels, Making metal. J. L. Hecht. 2,059,346; Nov. 3.  
 Wheels, Making spoked. F. R. Hight. 2,041,657; May 19.  
 Wheels, Making vehicle. C. E. Sorensen and L. S. Sheldrick. 2,051,501; Aug. 18.  
 Wheels, Manufacturing metal vehicle. E. H. Arnold. 2,053,648; Sept. 8.  
 Wheels, Method and apparatus for determining the alignment of dirigible vehicle. J. W. Morse. 2,046,529; July 7.  
 Wheels, Preventing sliding. E. S. Cook and C. F. Hammer. 2,038,146; Apr. 21.  
 Wheels, Securing detachable road vehicle. G. L. Hack. 2,046,779; July 7.  
 Whipstock. E. K. Lane. 2,058,327; Oct. 20.  
 Whipstock, Automatically orienting. E. K. Lane. 2,043,381; June 9.  
 Whirler for printing plates. H. C. Jones. 2,033,469; Mar. 10.  
 Whiskey, Aging. C. A. Hochwalt and C. A. Thomas. 2,027,100; Jan. 7.  
 Whiskey-aging apparatus. A. S. Klein. 2,045,859; June 30.  
 Whiskey, Aging of. C. A. Hochwalt and W. H. Carmody. 2,027,099; Jan. 7.  
 Whisky, Artificially aging. C. A. Thomas and C. A. Hochwalt. 2,027,129; Jan. 7.  
 Whiskey or other alcoholic beverages, Apparatus for aging. J. Mancini and N. Di Archangel. 2,040,264; May 12.  
 Whisky package. S. C. Miller. 2,033,349; Mar. 10.  
 Whistle. J. A. Frisk. 2,052,926; Sept. 1.  
 Whistle. G. F. Weiss. 2,053,982; Sept. 8.  
 Whistle control for locomotives, Automatic. M. B. Morrow. 2,038,847; Apr. 28.  
 Whistle, Two-tone. G. S. Scott. 2,056,623; Oct. 6.  
 Whiting and the like, Treatment of. J. W. Church and R. R. McClure. 2,034,797; Mar. 24.  
 Wick feed oiler. W. N. Hallanger. 2,031,648; Feb. 25.  
 Wick for fuel burners. J. R. Dennis. 2,053,998; Sept. 8.  
 Wicket. H. Sklar. 2,028,108; Jan. 14.  
 Wicking. G. S. Fabel. 2,029,994; Feb. 4.  
 Wiener roasting device. C. O. Miller and F. A. Stahl. 2,066,185; Dec. 29.  
 Winch, Oil field skid. W. C. Guier and G. G. Brown. 2,028,701; Jan. 21.  
 Winch. C. C. Martin. 2,042,674; June 2.  
 Winch with drive transmission, Tractor mounted. W. C. Guier. 2,028,700; Jan. 21.  
 Wind angle indicator. A. R. Pierce, Jr. 2,027,613; Jan. 14.  
 Wind deflector, Vehicle. W. L. Morrison. 2,040,624; May 12.  
 Wind direction indicator. A. de Hertelendy. 2,045,521; June 23.  
 Wind electric plant. J. H. Jacobs. 2,055,012; Sept. 22.  
 Wind indicator, Power controlled. R. J. Plaisted. 2,045,994; June 30.  
 Wind instrument. F. Conradt. 2,056,504; Oct. 6.  
 Wind instrument. C. L. Dewey. 2,033,183; Mar. 10.  
 Wind instrument of the reed type. E. V. Powell. 2,051,176; Aug. 18.  
 Windmill. C. C. Chronic and C. B. Molter. 2,046,059; June 30.  
 Windmill. A. E. James. 2,059,356; Nov. 3.  
 Windmill. K. R. Lung. 2,049,655; Aug. 4.  
 Windmill. H. Schlachter. 2,029,674; Feb. 4.  
 Windmill. L. Zanoski. 2,038,467; Apr. 21.  
 Windmill for advertising and developing power. W. M. Holland. 2,034,813; Mar. 24.  
 Windmill regulator, Automatic. J. C. Buck. 2,036,742; Apr. 7.  
 Windmill, Variable pitch. E. J. Weible. 2,043,136; June 2.  
 Wind motor. P. T. Donovan. 2,032,651; Mar. 3.  
 Wind motor. R. S. Ewers. 2,038,481; Apr. 21.  
 Wind motor. G. G. Kisevalter. 2,044,794; June 23.  
 Wind motor. C. E. Miller. 2,037,528; Apr. 14.  
 Wind power apparatus. H. J. Ludewig. 2,054,383; Sept. 15.  
 Wind screen. C. F. Carlotti. 2,027,720; Jan. 14.  
 Wind screen. A. Knecht. 2,030,258; Feb. 11.  
 Windshield cleaner. G. Dykstra. 2,059,509; Nov. 3.  
 Windshield cleaner. E. Hansmann. 2,031,830; Feb. 25.  
 Windshield cleaner. E. C. Horton. 2,042,898; June 2.  
 Windshield cleaner. E. C. Horton. 2,045,143; June 23.  
 Windshield cleaner. E. C. Horton and H. Hueber. 2,032,319; Feb. 25.  
 Windshield cleaner. E. C. Horton and H. Hueber. 2,042,897; June 2.  
 Windshield cleaner. H. Hueber and E. C. Horton. 2,059,354; Nov. 3.  
 Windshield cleaner, Twin motored. E. C. Horton and H. Hueber. 2,045,140; June 23.  
 Windshield cleaning device. G. A. Barker. 2,027,365; Jan. 14.



- Windshield cleaning device. A. P. Jenkins. 2,047,073; July 7.
- Windshield cleaning system. J. R. Oishei and W. J. Cheliew. 2,059,481; Nov. 3.
- Windshield condensation preventer. E. A. Baldwin. 2,046,362; July 7.
- Windshield construction. M. E. Gluhareff. 2,028,542; Jan. 21.
- Windshield defrosting device. H. A. Cutting. 2,040,125; May 12.
- Windshield frame. A. T. Potter. 2,039,836; May 5.
- Windshield, Free vision. J. O. Lalancette. 2,043,756; June 9.
- Windshield heater. H. C. Cole. 2,064,055; Dec. 15.
- Windshield heater. L. T. Page. 2,030,117; Feb. 11.
- Windshield heater. M. Peterson. 2,048,217; July 21.
- Windshield protector. G. G. Omerly, Jr. 2,065,242; Dec. 22.
- Windshield heater. H. S. Robinson. 2,054,948; Sept. 22.
- Windshield operating mechanism. A. L. De Cary. 2,043,349; June 9.
- Windshield, Side. J. P. Callahan. 2,039,212; Apr. 28.
- Windshield, Vehicle. K. Krantz. 2,060,579; Nov. 10.
- Windshield, Vehicle. W. L. Morrison. 2,043,672; June 9.
- Windshield warmer. R. B. Evans, E. W. Dilg, and G. Germann. 2,056,776; Oct. 6.
- Windshield wiper control clutch. J. B. Whitted. 2,053,860; Sept. 8.
- Windshield wiper motor. R. A. Powell and R. W. Newton. 2,032,715; Mar. 3.
- Wind speed and direction indicator. S. Graham. 2,040,305; May 12.
- Wind speed indicator. A. Erickson. 2,049,360; July 28.
- Wind tunnel balance. P. H. Adams. 2,065,496; Dec. 29.
- Wind wheel. E. D. Hale. 2,063,549; Dec. 8.
- Wind wheel generator. W. G. Dunn. 2,048,732; July 28.
- Winder. B. Marcellus. 2,053,296; Sept. 8.
- Winder shaft, Collapsible. L. Howe. 2,036,754; Apr. 7.
- Winding and coil binding machine. P. E. Chapman. 2,053,764; Sept. 8.
- Winding apparatus. E. Snyder. 2,030,660; Feb. 11.
- Winding for direct current dynamo armatures having more than two super-imposed coil sides per slot. H. Grob. 2,035,470; Mar. 31.
- Winding for electric machines. M. Surjaninoff. 2,055,595; Sept. 29.
- Winding head. K. C. Bugg. 2,053,215; Sept. 1.
- Winding head. A. Wylie. 2,041,102; May 19.
- Winding machine. E. J. Abbott. 2,028,140; Jan. 21.
- Winding machine. E. G. Crooks. 2,065,363; Dec. 22.
- Winding machine. W. Marcroft. 2,028,679; Jan. 21.
- Winding machine. J. O. McKean. 2,058,811; Oct. 27.
- Winding machine. A. F. Pym. 2,033,356; Mar. 10.
- Winding machine. A. F. Pym. 2,060,380; Nov. 10.
- Winding machine. W. Reiners and G. Kahlisch. 2,045,872; June 30.
- Winding machine. E. R. Swanson. 2,036,441; Apr. 7.
- Winding machine with mechanical charging of bobbins. W. Reiners and G. Kahlisch. 2,040,023; May 5.
- Winding take-off, Automatic. C. R. Crowther. 2,055,785; Sept. 29.
- Windings, Making inductive. L. G. Ketcham. 2,038,297; Apr. 21.
- Windings to filaments, Apparatus for applying. H. Zarafu. 2,053,411; Sept. 8.
- Window. J. P. Barbay. 2,066,134; Dec. 29.
- Window. E. M. Buchach. 2,038,266; Apr. 21.
- Window. W. E. Dennis. 2,042,771; June 2.
- Window. E. F. Gaines and W. C. Lippert. 2,046,259; June 30.
- Window. C. W. Kelly. 2,033,832; Mar. 10.
- Window. M. E. Looney. 2,027,240; Jan. 7.
- Window. O. K. Pomeroy, Sr. 2,040,332; May 12.
- Window. S. C. Reynaud. 2,044,258; June 16.
- Window. G. A. Robbins. 2,026,751; Jan. 7.
- Window. A. R. Santulli. 2,055,752; Sept. 29.
- Window. D. A. Seligman. 2,027,556; Jan. 14.
- Window adjuster, Casement. H. Cordrey and W. J. Duvall. 2,050,485; Aug. 11.
- Window adjuster, Casement. E. E. Weidner. 2,049,726; Aug. 4.
- Window and screen, Combination storm. H. O. Dobie. 2,031,875; Feb. 25.
- Window assembly. W. D. Bayley. 2,064,335; Dec. 15.
- Window channel. L. F. Hoffman. 2,058,793; Oct. 27.
- Window channel. A. Rydquist. 2,037,487; Apr. 14.
- Window channel. A. Rydquist. 2,060,124; Nov. 10.
- Window channel. C. P. Schlegel. 2,042,362; May 26.
- Window cleaner. G. A. Moller. 2,032,626; Mar. 3.
- Window cleaner, Power driven. H. von Littrow and F. H. Zehl. 2,043,637; June 9.
- Window cleaner's device. P. G. Moewes. 2,059,011; Oct. 27.
- Window cleaning device. C. H. Caldwell. 2,028,738; Jan. 28.
- Window cleaning device. A. Conty. 2,040,644; May 12.
- Window cleaning device. P. A. Pearson. 2,032,498; Mar. 3.
- Window cleaning seat. P. J. Roth. 2,037,438; Apr. 14.
- Window closer, Automatic. C. B. and C. H. Kaufman. 2,060,575; Nov. 10.
- Window construction. E. C. Bingham. 2,027,016; Jan. 7.
- Window construction. R. P. Boehm. 2,057,815; Oct. 20.
- Window construction. E. F. Bumann. 2,064,459; Dec. 15.
- Window construction. L. Fradella. 2,037,225; Apr. 14.
- Window construction. W. T. Griffin. 2,029,772; Feb. 4.
- Window construction. L. Gulbransen. 2,044,387; June 16.
- Window construction. O. R. Hankins. 2,032,126; Feb. 25.
- Window construction. A. Mauro. 2,061,914; Nov. 24.
- Window construction. E. Peremi and L. Toth. 2,060,525; Nov. 10.
- Window construction. F. J. Plym. 2,057,974-5; Oct. 20.
- Window construction. J. A. Ryan. 2,031,907; Feb. 25.
- Window construction. A. H. Tashjian and D. H. Holden. 2,051,754; Aug. 18.
- Window construction, Bus or car. T. G. Conway. 2,032,794; Mar. 3.
- Window construction, Bus or car. J. Schunk. 2,033,086; Mar. 3.
- Window construction, Car. J. H. Fox. 2,038,725; Apr. 28.
- Window construction, Double. J. H. Fox and C. E. Stroud. 2,054,856; Sept. 22.
- Window construction, Double. H. J. Galey. 2,057,823; Oct. 20.
- Window construction, Double. W. J. Pertz. 2,052,244; Aug. 25.
- Window construction, Ventilating and signal. J. F. Levan. 2,058,087; Oct. 20.
- Window control device for automobiles and other traveling vehicles. L. D. Boyce. 2,030,849; Feb. 18.
- Window, Detention. W. D. Bayley. 2,042,876; June 2.
- Window, Detention. W. D. and E. D. Bayley. 2,043,207; June 2.
- Window device. B. N. Parmenter. 2,060,109; Nov. 10.
- Window device. B. N. Parmenter. 2,062,524; Dec. 1.
- Window, Display. W. MacGaffey. 2,034,725; Mar. 24.
- Window display device. W. Enoch. 2,028,506; Jan. 21.
- Window, Double glazed. F. Gelstharpe. 2,062,747; Dec. 1.
- Window, Double glazed. F. Gelstharpe and J. C. Parkinson. 2,064,530; Dec. 15.
- Window, Double glazed. C. E. Stroud. 2,049,528; Aug. 4.
- Window elevating mechanism. D. L. Chandler. 2,066,285; Dec. 29.
- Window fastener. O. P. Cadmus. 2,029,016; Jan. 28.
- Window fastening device. H. Tarrant. 2,053,804; Sept. 8.
- Window fastener structure. F. G. Hanson. 2,064,830; Dec. 22.
- Window for automobiles, Ventilating. O. Ernst. 2,060,615; Nov. 10.
- Window for automobiles, Ventilating. H. E. Van Voorhees and E. G. Simpson. 2,043,311; June 9.
- Window for vehicle doors. L. Saives. 2,039,455; May 5.
- Window for vehicles. R. F. Anderson. 2,030,089; Feb. 11.
- Window for vehicles. W. L. Morrison. 2,059,015; Oct. 27.
- Window for vehicles, Delivery. C. L. Wilson. 2,061,689; Nov. 24.
- Window frame. H. W. Cook. 2,032,795; Mar. 3.
- Window frame. P. R. Oftedal, D. G. Kingsley, and W. Congreve. 2,050,369; Aug. 11.
- Window glass channel. D. A. Greene. 2,026,973; Jan. 7.
- Window having panes of cellulose acetate, cellophane, and the like. O. H. Wicander. 2,063,901; Dec. 15.
- Window illumination, Advertising. W. Templin. 2,029,841; Feb. 4.
- Window lock. C. E. Hennigan. 2,062,176; Nov. 24.
- Window lock, Ventilating. M. J. and M. F. Sasgen, and L. J. Sladek. 2,054,488; Oct. 6.
- Window locking device. V. A. Anderson. 2,041,684; May 26.
- Window mechanism, Ventilating. A. P. Ball. 2,053,936-7; Sept. 8.
- Window mounting. B. F. Tannewitz. 2,052,585; Sept. 1.
- Window operating and adjusting mechanism. J. Mayer. 2,046,786; July 7.
- Window operating mechanism. A. V. Brogren. 2,045,694; June 30.
- Window operating mechanism. G. W. Mays. 2,045,195; June 23.
- Window operator. C. R. Paton. 2,034,202; Mar. 17.
- Window platform. R. Cary. 2,049,353; July 28.
- Window post and guide construction. R. T. Axe. 2,057,129; Oct. 13.
- Window, Refrigerated store. A. T. Millott. 2,050,063; Aug. 4.
- Window regulator. F. Y. Gates. 2,066,034; Dec. 29.
- Window regulator. J. H. Roethel. 2,033,788; Mar. 10.
- Window regulator. J. H. Roethel. 2,052,800; Sept. 1.
- Window regulator. J. H. Roethel. 2,066,056-7; Dec. 29.
- Window regulator. L. Weiner. 2,050,403; Aug. 11.
- Window, Reversible. F. R. Garcia. 2,056,847; Oct. 6.
- Window, Reversible safety. N. Glowacky. 2,050,003; Aug. 4.
- Window, Reversible sliding sash. W. Rauchbaar. 2,034,206; Mar. 17.
- Window sash fastener. C. V. Bumb. 2,027,514; Jan. 14.
- Window sash holder. T. T. Roche. 2,030,269; Feb. 11.
- Window, Sashless sliding. F. McM. Sawyer. 2,027,753; Jan. 14.
- Window screen. R. Cruickshank. 2,049,831; Aug. 4.
- Window screen. J. A. Mueller. 2,042,726; June 2.
- Window screen. A. F. Nye and H. B. Lawson. 2,035,828; Mar. 31.
- Window screen. P. A. Rissmann. 2,051,422; Aug. 18.
- Window screen, Casement. H. H. Everhard. 2,026,830; Jan. 7.



- Window seat. E. E. Kay. 2,059,115; Oct. 27.  
 Window sill attachment. V. Ciscognetti. 2,038,646; Apr. 28.  
 Window, Sliding. E. W. Cotter. 2,065,431; Dec. 22.  
 Window sliding lock, Automobile. D. L. Chandler. 2,066,286; Dec. 29.  
 Window, Solar bathing. J. M. Thorp. 2,044,030; June 16.  
 Window, Sound excluding. J. Kahn and D. K. MacLeod. 2,040,049; May 5.  
 Window, Storm. G. E. Page. 2,048,463; July 21.  
 Window, Storm. P. A. Rissmann. 2,054,003; Sept. 8.  
 Window structure. C. I. Auten. 2,050,033; Aug. 4.  
 Window structure. E. G. La Fontaine. 2,063,316; Dec. 8.  
 Window structure. C. L. Pettit. 2,066,051; Dec. 29.  
 Window support and regulating device. F. J. Westrope. 2,026,719; Jan. 7.  
 Window support and regulating device. F. J. Westrope. 2,060,916; Nov. 17.  
 Window tightener. A. W. Greene. 2,029,068; Jan. 28.  
 Window unit, Sliding. A. E. Fisk. 2,032,170; Feb. 25.  
 Window, Ventilating. J. W. Greig. 2,059,452; Nov. 3.  
 Window ventilation apparatus. A. McLaughlin. 2,039,970; May 5.  
 Window ventilator. H. E. Campbell and A. Sargent. 2,029,610; Feb. 4.  
 Window ventilator. E. F. Chittenden. 2,036,851; Apr. 7.  
 Window ventilator. E. W. Friedholdt, Jr. 2,063,546; Dec. 8.  
 Window ventilator. W. H. Maynard. 2,051,997; Aug. 25.  
 Window ventilator. W. H. Maynard. 2,066,118; Dec. 29.  
 Window ventilator. L. C. Reed. 2,039,346; May 5.  
 Window ventilator. D. J. Roy. 2,029,965; Feb. 4.  
 Window ventilator, Vehicle. B. S. Floraday. 2,033,763; Mar. 10.  
 Window ventilator, Vehicle. D. Miller. 2,033,777; Mar. 10.  
 Window with ventilator sections, Vehicle. P. J. Flam-mang. 2,032,690; Mar. 3.  
 Windows, doors, and the like, Operating and securing. L. B. Henderson. 2,036,939; Apr. 7.  
 Wine and vinegar clarification process. L. G. Saywell. 2,043,713; June 9.  
 Wine dispensing rack. H. G. Buck and A. W. Aspen. 2,060,170; Nov. 10.  
 Wine preserving apparatus. A. B. Scott and G. R. Robert-son. 2,036,505; Apr. 7.  
 Wing brace for Sampson posts. S. C. Curry. 2,044,669; June 16.  
 Wing construction for airplanes, Honeycomb. H. N. At-wood. 2,029,214; Jan. 28.  
 Wing construction, Side. J. P. Callahan. 2,051,365; Aug. 18.  
 Wing display device, Multiple. E. C. Hake. 2,042,656; June 2.  
 Wing for airplanes and the like, Rotary. F. Wander, Jr. 2,065,254; Dec. 22.  
 Wing for motor vehicles, Wind. J. F. Levan. 2,034,477; Mar. 17.  
 Wing, Slotted. E. A. Stalker. 2,041,793; May 26.  
 Wing, Small-aspect-ratio. S. P. Nemeth. 2,063,456; Dec. 8.  
 Wing structure. P. E. Mercier. 2,031,662; Feb. 25.  
 Wing structure for air craft. C. Dornier. 2,064,970; Dec. 22.  
 Wing target apparatus. L. C. Bauman. 2,058,289; Oct. 20.  
 Wings or blades of aircraft, Device for damping the oscil-lation of the revolving. J. W. Dyer and D. Kay. 2,048,326; July 21.  
 Wiper and motor therefor, Windshield. D. Kuskin. 2,045,861; June 30.  
 Wiper arm and blade connection. J. B. Whitted. 2,046,495; July 7.  
 Wiper arm and drive shaft assembly, Windshield. F. Kritz. 2,060,325; Nov. 10.  
 Wiper arm, Windshield. W. J. Foster. 2,060,983; Nov. 17.  
 Wiper attachment, Windshield. S. Bujnicki. 2,050,920; Aug. 11.  
 Wiper blade. W. Paulus. 2,059,484; Nov. 3.  
 Wiper blade, Windshield. E. C. Horton and H. Hueber. 2,045,141; June 28.  
 Wiper blade, Windshield. L. Zaiger. 2,051,668; Aug. 18.  
 Wiper, Bottle. W. M. Sample. 2,036,889; Apr. 7.  
 Wiper for adhesive-applying implements. D. R. Anderson. 2,027,461; Jan. 14.  
 Wiper for slug trimming knives. A. G. Sperry. 2,030,046; Feb. 4.  
 Wiper for typographical machines, Vise jaw. A. G. Sperry. 2,064,698; Dec. 15.  
 Wiper, Heated windshield. T. C. Sackett. 2,034,880; Mar. 24.  
 Wiper, Heater-equipped windshield. B. P. Schmansky. 2,055,946; Sept. 29.  
 Wiper mechanism, Windshield. R. B. Evans. 2,030,286; Feb. 11.  
 Wiper, Motor driven window. J. W. Cain. 2,042,456; June 2.  
 Wiper or applicator, Dual. A. P. Hinsky. 2,036,048; Mar. 31.  
 Wiper, Rail. C. D. Smith. 2,042,029; May 26.  
 Wiper, Razor blade. P. H. Horwitt. 2,039,168; Apr. 28.  
 Wiper, Register box window. W. F. Rockwell. 2,047,118; July 7.  
 Wiper, Windshield. J. W. Anderson. 2,031,297; Feb. 18.  
 Wiper, Windshield. J. W. Anderson. 2,043,218; June 9.  
 Wiper, Windshield. J. W. Anderson and T. J. Smulski. 2,027,362; Jan. 14.  
 Wiper, Windshield. C. F. Clima and R. H. Evans. 2,034,086; Mar. 17.  
 Wiper, Windshield. H. Drew. 2,046,108; June 30.  
 Wiper, Windshield. H. Harvey and S. Malis. 2,063,375; Dec. 8.  
 Wiper, Windshield. C. F. Kaemmerlem and E. J. Willis. 2,039,598; May 5.  
 Wiper, Windshield. W. B. Shaw. 2,063,055; Dec. 8.  
 Wiper, Windshield. J. B. Whitted. 2,053,861; Sept. 8.  
 Wiper, Window. J. J. Rosen. 2,043,775; June 9.  
 Wipers, Making windshield. C. C. Zabriskie. 2,036,787; Apr. 7.  
 Wiping blade, Windshield. L. R. Godown. 2,027,971; Jan. 14.  
 Wiping tool. G. A. Hendey. 2,048,792; July 28.  
 Wire, Adjustable Bowden. W. W. Lasker. 2,048,398; July 21.  
 Wire, Aerofoil. L. W. G. Flynt. 2,060,859; Nov. 17.  
 Wire and band cutter, bender, and perforator, Combination. H. M. Yeager. 2,053,309; Sept. 8.  
 Wire and producing the same, Covered. V. F. di Lustro and E. W. Flansburg. 2,048,849; July 28.  
 Wire and product thereof, Insulating. J. E. Mayoral. 2,036,425; Apr. 7.  
 Wire and the like, Coating insulated. A. T. Candy, Jr. 2,063,889; Dec. 15.  
 Wire, Apparatus and method for heat-treating. A. Simons and C. D. Johnson. 2,040,343; May 12.  
 Wire, Apparatus for handling. F. A. Whitehead and F. L. Atisell. 2,057,806; Oct. 20.  
 Wire, Apparatus for heating. W. H. Convers. 2,064,589; Dec. 15.  
 Wire, Armored bare ground. G. A. Johnson. 2,040,438; May 12.  
 Wire article, Collapsible. M. D. Smith. 2,031,231; Feb. 18.  
 Wire articles, Producing. E. B. Dillon. 2,061,352; Nov. 17.  
 Wire, Bimetallic. S. D. Williams. 2,036,667; Apr. 7.  
 Wire binding machine. C. H. Chamberlain and C. P. Stannard. 2,062,698; Dec. 1.  
 Wire bound box, Collapsible. G. E. Gardner. 2,039,273; Apr. 28.  
 Wire broadcasting system. P. P. Eckersley and R. E. H. Carpenter. 2,031,528; Feb. 18.  
 Wire clamp. W. G. Fotsch. 2,045,847; June 30.  
 Wire coating machine. P. E. Brunberg. 2,034,794; Mar. 24.  
 Wire connector. S. N. Buchanan. 2,056,248; Oct. 6.  
 Wire connector, Unit solderless. R. A. Becker, Sr., and S. P. Becker. 2,041,108; May 19.  
 Wire connecting device. A. E. Anderson and C. H. Reynolds. 2,032,968; Mar. 3.  
 Wire connecting sleeve. D. L. Baxter. 2,062,986; Dec. 1.  
 Wire covering machine. V. F. di Lustro and E. W. Flans-burg. 2,048,850; July 28.  
 Wire covering machine. P. M. Rogers. 2,048,893; July 28.  
 Wire, Cutter. H. Filippi. 2,037,856; Apr. 21.  
 Wire, Detachable cutter blade pile. O. J. Pickard. 2,044,632; June 16.  
 Wire drawing and annealing, Continuous. J. R. McKean and H. S. Busey. 2,057,582; Oct. 13.  
 Wire drawing apparatus. J. B. Moss. 2,054,061; Sept. 8.  
 Wire drawing die. R. R. Ridgway and B. L. Bailey. 2,027,787; Jan. 14.  
 Wire drawing machine. M. E. Evans. 2,049,053; July 28.  
 Wire drawing machine. S. H. Richards. 2,045,726; June 30.  
 Wire drawing machine, High speed. W. D. Pierson and G. W. Jackman. 2,044,484; June 16.  
 Wire drawing machine, Multiple. W. Nacken. 2,062,723; Dec. 1.  
 Wire drawing, Process and apparatus for. A. Simons. 2,029,039; Jan. 28.  
 Wire fabric for bedsprings and other articles. J. Schwartz-man. 2,044,336; June 16.  
 Wire fabric machine. C. C. Wickwire. 2,051,587; Aug. 18.  
 Wire fabric seams, Apparatus for making. P. J. and O. A. Abendroth, and W. Wessenberg. 2,049,187; July 28.  
 Wire fabric weaving machine. N. S. Harter. 2,056,851; Oct. 6.  
 Wire feed. A. J. Lewis. 2,049,914; Aug. 4.  
 Wire feeding apparatus. V. J. Chapman. 2,032,260; Feb. 25.  
 Wire feeding device. E. H. Body and E. W. Vars. 2,046,997; July 7.  
 Wire feeding mechanism. A. E. Blashill. 2,053,260; Sept. 8.  
 Wire for doup heddle looms, Pile. W. H. Hall, Jr. 2,057,615; Oct. 13.  
 Wire for weaving single piece pile fabric. J. Krehbiel. 2,048,456; July 21.  
 Wire forming machine. W. C. Burgess and N. Contino. 2,062,552; Dec. 1.  
 Wire folding, cutting, and handling machine. D. D. Huy-ett. 2,061,579; Nov. 24.  
 Wire, Insulated. W. J. Homer. 2,043,702; June 9.  
 Wire, Insulated. L. Robbin. 2,055,223; Sept. 22.



- Wire insulating machine. V. E. Royle. 2,035,247; Mar. 24.
- Wire insulation testing apparatus and method. R. L. Davis. 2,043,528; June 9.
- Wire line connector for sand pumps and the like, Removable. C. E. Murray. 2,055,667; Sept. 29.
- Wire line drilling clamp. J. E. Neptune. 2,031,003; Feb. 18.
- Wire, Making grooved. D. B. Fulmer and W. T. Miller. 2,036,034; Mar. 31.
- Wire, Making rust resisting metal plated. C. D. Johnson. 2,048,552; July 21.
- Wire, Metal shielded. N. H. Jack. 2,066,201; Dec. 29.
- Wire, Method and apparatus for testing filament. L. L. Matson. 2,049,306; July 28.
- Wire, Method and machine for drawing or pulling. G. N. Williams. 2,029,206; Jan. 28.
- Wire netting loom. A. L. Kitselman. 2,048,341; July 21.
- Wire netting loom. H. L. Kitselman. 2,053,221; Sept. 1.
- Wire or ribbon tightening apparatus. E. A. J. Ericsson. 2,049,361; July 28.
- Wire or the like, Coating insulated. A. T. Candy, Jr. 2,044,970; June 23.
- Wire or the like, Means for binding. H. W. Morris. 2,027,746; Jan. 14.
- Wire, Pile. O. J. Pickard and F. Pickard. 2,030,763; Feb. 11.
- Wire protector, Guy. H. E. Miller and F. R. Krueger. 2,055,825; Sept. 29.
- Wire reel. E. Charlesworth. 2,064,886; Dec. 22.
- Wire reel. J. R. Sutilef. 2,029,953; Feb. 4.
- Wire screen cloth, Woven. J. H. Holtzapfle. 2,027,778; Jan. 14.
- Wire sifting screen. R. Hermann. 2,052,467; Aug. 25.
- Wire splicer. L. E. Krosman. 2,031,167; Feb. 18.
- Wire splicer, Trolley. K. J. Mosebach. 2,053,160; Sept. 1.
- Wire spooler, Belt driven. W. D. Pierson. 2,029,832; Feb. 4.
- Wire structure and process and machine for producing the same, Stranded. A. J. Briggs. 2,036,393; Apr. 7.
- Wire structure, Tubular stranded. G. C. Burd. 2,045,568; June 30.
- Wire tensioner and fastener. D. F. Dolson. 2,048,437; July 21.
- Wire terminal and heater mounting for overload electric switches. R. H. Bentley. 2,056,119; Sept. 29.
- Wire terminal for electrical conductors. H. A. Douglas. 2,034,090; Mar. 17.
- Wire tightening and twisting mechanism. H. W. Cox. 2,049,108; July 28.
- Wire tying machine. H. Harvey. 2,042,843; June 2.
- Wire tying machine, Portable. L. Malinge. 2,033,581; Mar. 10.
- Wire twisting tool. T. D. Baker. 2,046,497; July 7.
- Wire twisting tool. A. J. H. Hirsch. 2,032,415; Mar. 3.
- Wire with soldering flux coating and making the same. C. A. Thomas. 2,055,393; Sept. 22.
- Wire working machine. A. J. Lewis. 2,035,658; Mar. 31.
- Wireworking machine and method. E. H. Schane. 2,042,128; May 26.
- Wireless direction finding, bearing finding, and similar system. S. B. Smith and T. L. Eckersley. 2,031,077; Feb. 18.
- Wireless receiver. C. E. G. Bailey. 2,038,918; Apr. 28.
- Wireless receiving apparatus. R. S. Bunting. 2,036,999; Apr. 14.
- Wireless receiving set. J. W. Alexander and B. Van der Pol. 2,052,687; Sept. 1.
- Wireless transmission system. G. W. Walton. 2,053,014; Sept. 1.
- Wires and cables, Repair sleeve for damaged. J. B. Webb. 2,052,958; Sept. 1.
- Wires and wire clamp, Clamping. O. J. Stonecipher. 2,039,462; May 5.
- Wires, Apparatus for connecting. E. W. Cooper. 2,039,635; May 5.
- Wires, Apparatus for feeding. J. F. Donovan and G. Illingworth. 2,053,946; Sept. 8.
- Wires, Covering. M. M. J. E. Coupier, J. R. Heilmann, and C. E. Mildé. 2,061,350; Nov. 17.
- Wires, Drawing of. J. de Mulatier. 2,028,652; Jan. 21.
- Wires for electric lamps and similar devices, Apparatus for feeding. J. Flaws, Jr. and A. W. Seitz. 2,042,520; June 2.
- Wires, Sealing in lead-in. W. Flammiger and M. Rohde. 2,046,019; June 30.
- Wires, Shielded pair of. E. I. Green, H. E. Curtis, and S. P. Mead. 2,034,032; Mar. 17.
- Wires with sleeves, Joining. O. W. Brenizer. 2,038,535; Apr. 28.
- Wiring device. M. M. Clayton. 2,037,368; Apr. 14.
- Wiring device. A. E. Grant. 2,044,290-1; June 16.
- Wood and resulting products, Imitating. E. and N. La Verne. 2,046,954; July 7.
- Wood and the like, Apparatus for drying. P. de Gisse. 2,040,729; May 12.
- Wood articles, Manufacturing inlaid. F. H. Hartman. 2,062,175; Nov. 24.
- Wood, Bending. A. Aalto. 2,042,976; June 2.
- Wood block. R. G. Bruce. 2,045,067-8; June 23.
- Wood building construction. S. A. Clem. 2,046,246; June 30.
- Wood carving machine. J. N. Kirby and R. G. Gille. 2,046,563; July 7.
- Wood cutting head with inserted cutters. J. H. Jewett. 2,036,145; Mar. 31.
- Wood fabricating machine. E. Parker. 2,038,000; Apr. 21.
- Wood fiber product, Fractured. G. A. Richter. 2,065,395; Dec. 22.
- Wood for baseball bats, Treatment of. J. A. Hillerich. 2,039,221; Apr. 28.
- Wood-graining. J. O. Black. 2,064,456; Dec. 15.
- Wood, Impregnating. J. R. Coolidge and J. H. McCready. 2,039,393; May 5.
- Wood impregnation. C. W. Mudge. 2,031,973; Feb. 25.
- Wood joint construction. L. Stickley. 2,053,382; Sept. 8.
- Wood, Method and apparatus for producing veneer. A. G. Seiber. 2,044,230; June 16.
- Wood, Method and means for treating. H. E. Will. 2,064,965; Dec. 22.
- Wood preservation and mode of treatment. R. H. White, Jr., and J. A. Vaughan. 2,054,399-400; Sept. 15.
- Wood, Process of finishing. H. Jamieson. 2,043,541; June 9.
- Wood pulp adapted for chemical use. R. L. Stern. 2,028,080; Jan. 14.
- Wood pulp, Bleaching chemical. D. B. Davies. 2,046,551; July 7.
- Wood pulp making. P. A. Paulson. 2,047,488; July 14.
- Wood, Reducing the shrinkage of. H. H. Griffin and A. Burgin. 2,045,350; June 23.
- Wood surfaces for photographic reproduction thereof, Treating. L. J. Pearson. 2,050,118; Aug. 4.
- Wood, Treating. F. G. Bright. 2,042,826; June 2.
- Wood, Treating and impregnation of. P. K. Frolich. 2,052,172; Aug. 25.
- Wood treating preparation. G. Gunn. 2,041,655; May 19.
- Wood treatment and product. J. L. Goodale. 2,062,877; Dec. 1.
- Wood veneers and the like, Coloring. F. G. Bright. 2,042,825; June 2.
- Woodworking machine. J. E. Boice. 2,049,044-5; July 28.
- Woodworking machine. R. S. Dutcher. 2,062,969; Dec. 1.
- Wood working machine. H. G. Piper. 2,050,462; Aug. 11.
- Woodworking machine for making molds, models, etc. A. F. Tremblay. 2,047,603; July 14.
- Woodworking tool. A. M. Brown. 2,049,685; Aug. 4.
- Wooden pipe joint. C. J. Haley. 2,038,172; Apr. 21.
- Wooden plug. N. Zwingauer. 2,062,081; Nov. 24.
- Wool cleaning machine. R. L. Brown, L. J. Walters, E. M. Brickett, and S. A. Coleman. 2,036,915; Apr. 7.
- Wool, Dyeing. H. Krzikalla and W. Limbacher. 2,036,703; Apr. 7.
- Wool, Dyeing. W. R. Moorhouse. 2,062,898; Dec. 1.
- Wool manufacturing process, Artificial. H. Chavassieu. 2,034,711; Mar. 24.
- Wool or other material, Apparatus for treating. G. E. Petersen. 2,039,834; May 5.
- Wool skin shearing method and apparatus. B. C. Nelson. 2,046,963; July 7.
- Wool washing machine. W. W. Windle. 2,037,841; Apr. 21.
- Work clamp. F. B. Brown. 2,053,459; Sept. 8.
- Work driving device, Automatic. H. E. Balsiger. 2,046,238; June 30.
- Work feeding and reversing mechanism, Automatic. H. C. Geist. 2,048,331; July 21.
- Work fitter for tire vulcanizers. J. C. Heintz. 2,038,736; Apr. 28.
- Work grip and mechanism for pressing machines. P. N. Braun. 2,035,787; Mar. 31.
- Work gripping mechanism. H. C. Geist. 2,032,535; Mar. 3.
- Work handling apparatus. C. C. Copenhagen. 2,055,682; Sept. 29.
- Work handling mechanism for machine tools. E. R. Smith and A. Schinke. 2,040,028; May 5.
- Work head. C. H. Howland-Shearman. 2,039,847; May 5.
- Work holder. W. L. Bower. 2,053,177; Sept. 1.
- Work-holder. D. H. Chason. 2,041,230; May 19.
- Work holding machine. G. A. Carlson. 2,059,437; Nov. 3.
- Workpiece in sharpening machines, Guiding the. L. Steiner. 2,035,249; Mar. 24.
- Workpieces, Apparatus for processing metal. R. U. Geib, Jr. 2,040,474; May 12.
- Workpieces, Apparatus for processing metal. R. U. Geib, Jr. 2,040,476; May 12.
- Workpieces, Apparatus for processing tubular metal. R. U. Geib, Jr. 2,040,475; May 12.
- Workpieces, Apparatus for processing tubular metal. R. U. Geib, Jr. 2,040,477; May 12.
- Workpieces, Machining metallic. B. P. Schiltz. 2,044,497; June 16.
- Work pieces, Method and apparatus for machining of. R. S. Perry. 2,058,498; Oct. 27.
- Workpieces, Method of abrading. R. A. St. John. 2,047,041; July 7.
- Work support. E. A. Holmgren. 2,034,038; Mar. 17.
- Work support. F. R. Swanson. 2,036,240; Apr. 7.
- Work support for a lasted shoe. F. B. Dopp. 2,027,027; Jan. 7.
- Work supporting and rotating apparatus. J. P. Tripp. 2,034,451; Mar. 17.
- Work supporting device. L. B. Hooper. 2,045,711; June 30.
- Work supporting table. C. H. Howland-Shearman. 2,039,843; May 5.



- Work transporting carrier. W. C. Galliher. 2,035,311; Mar. 24.
- Work turning, Apparatus for stationary. E. P. Bullard and H. C. Anderson. 2,044,829; June 23.
- Worm gear burnishing machine and method. R. N. Brown. 2,062,696; Dec. 1.
- Worm gear burnishing machine and method. J. M. Christman. 2,062,700; Dec. 1.
- Worms and the like, Method of and apparatus for generating hollow faced. O. G. Simmons. 2,028,929; Jan. 28.
- Woven wire screen. C. A. Scheeler. 2,037,271; Apr. 14.
- Wrapper and carrier, Combined article. B. Stone. 2,051,641; Sept. 15.
- Wrapper and constructing same, Composite commodity. S. Rosen. 2,048,895; July 28.
- Wrapper and method and apparatus for forming it. F. R. Clark. 2,056,825; Oct. 6.
- Wrapper and method of making. R. A. Hayward. 2,045,852; June 30.
- Wrapper, bag or the like, Package. A. Sperry. 2,053,116; Sept. 1.
- Wrapper, Coin. F. C. Schmocker. 2,042,022; May 26.
- Wrapper for powder, granular, or similar substances. J. W. Chalmers. 2,041,227-8; May 19.
- Wrapper, Frozen confection. F. T. Krein. 2,038,576; Apr. 28.
- Wrapper, Light protective. D. H. Grant. 2,058,786; Oct. 27.
- Wrapper of transparent or ornamental character and making the same. M. J. Shoemaker. 2,029,131; Jan. 28.
- Wrapper to the end of a cigar filler, Apparatus for applying the. K. F. Röber. 2,061,880; Nov. 24.
- Wrappers and bands for cigars, Method of and apparatus for combining. A. W. Kath. 2,061,968; Nov. 24.
- Wrapping and banding machine. F. X. Malocsay. 2,037,080; Apr. 14.
- Wrapping and banding machine. F. X. Malocsay. 2,050,712-4; Aug. 11.
- Wrapping and banding machine. F. X. Malocsay. 2,050,716-7; Aug. 11.
- Wrapping and slicing machine, Combined. C. Littlefield. 2,052,717; Sept. 1.
- Wrapping for block shaped articles. W. J. Kemp. 2,041,679; May 19.
- Wrapping for explosives. M. Brendt. 2,061,558; Nov. 24.
- Wrapping machine. W. B. Bronander. 2,050,268; Aug. 11.
- Wrapping machine. S. B. Field. 2,066,260; Dec. 29.
- Wrapping machine. R. J. Gaubert. 2,060,986; Nov. 17.
- Wrapping machine. P. D. Kleineberg. 2,030,879-80; Feb. 18.
- Wrapping machine. F. X. Malocsay. 2,050,710; Aug. 11.
- Wrapping machine. E. G. Rider and W. T. Bailey. 2,058,036; Oct. 20.
- Wrapping machine. W. Roberts. 2,051,105; Aug. 18.
- Wrapping machine. J. Van Buren. 2,050,818; Aug. 11.
- Wrapping machine. R. C. Wedge. 2,048,042; July 21.
- Wrapping machine conveyer cooler. W. E. Hilburt. 2,037,903; Apr. 21.
- Wrapping machine, Universal. L. L. Salfisberg. 2,054,523; Sept. 15.
- Wrapping material. G. S. Babcock and N. F. Beach. 2,036,387; Apr. 7.
- Wrapping material. C. Joseph. 2,038,114; Apr. 21.
- Wrapping material. W. F. Kallock. 2,047,269; July 14.
- Wrapping material. J. G. McNally and N. F. Beach. 2,044,804; June 23.
- Wrapping material, Composite. T. M. Royal. 2,046,848; July 7.
- Wrapping material for an edible product. J. Helfrich. 2,051,170; Aug. 18.
- Wrapping, Method of. J. L. Collins. 2,034,747; Mar. 24.
- Wrench: See—
- |                         |                             |
|-------------------------|-----------------------------|
| Adjustable wrench.      | Pipe wrench.                |
| Cover wrench.           | Pressure indicating wrench. |
| Double jaw wrench.      | Quick adjustable wrench.    |
| Fruit jar wrench.       | Ratchet socket wrench.      |
| Insert pipe wrench.     | Stud bolt wrench.           |
| Jar top wrench.         | Stud screw wrench.          |
| Lamp wrench.            | Tire wrench.                |
| Oil well tubing wrench. |                             |
- Wrench. A. Colognori and L. Werkstell. 2,047,548; July 14.
- Wrench. C. F. Carlson. 2,059,087; Oct. 27.
- Wrench. K. W. Kendall. 2,051,048; Aug. 18.
- Wrench. W. B. Lucas. 2,057,899; Oct. 20.
- Wrench. B. E. Kujala and M. G. Radwancky. 2,050,102; Aug. 4.
- Wrench. D. T. Wilson. 2,042,137; May 26.
- Wrench clip. J. H. Coyle. 2,030,148; Feb. 11.
- Wrench clip. W. R. Moore. 2,030,147; Feb. 11.
- Wrench handle. E. F. Pilger. 2,028,561; Jan. 21.
- Wringer. T. W. Behan. 2,041,686; May 26.
- Wringer. J. B. Castino. 2,056,252; Oct. 6.
- Wringer. W. L. Kauffman, 2d. 2,039,803; May 5.
- Wringer. W. L. Kauffman, II. 2,064,543-4; Dec. 15.
- Wringer. W. L. Kauffman, II. 2,065,329-30; Dec. 22.
- Wringer. H. L. Morin. 2,039,439; May 5.
- Wringer. W. K. Voss. 2,060,147-8; Nov. 10.
- Wringer. R. J. Waterworth. 2,051,280; Aug. 18.
- Wringer. C. B. Williams. 2,056,105; Sept. 29.
- Wringer. C. B. Williams. 2,060,710; Nov. 10.
- Wringer actuating mechanism. S. S. Holland, G. F. Traugher, and R. J. McVey. 2,048,741; July 28.
- Wringer attachment, Clothes. H. C. Ransley. 2,033,254; Mar. 10.
- Wringer, Clothes. E. D. Misner. 2,050,013; Aug. 4.
- Wringer, Clothes. G. Walen. 2,030,337; Feb. 11.
- Wringer for washing machines, Rotatably mounted. A. B. Betz. 2,055,960; Sept. 29.
- Wringer, Hand control. P. E. Geldhof. 2,049,056; July 28.
- Wringer mechanism. C. Moon. 2,054,135; Sept. 15.
- Wringer, Mop. W. F. Blake. 2,061,556; Nov. 24.
- Wringer, Mop. W. L. Chew. 2,042,209; May 26.
- Wringer release mechanism. C. Moon. 2,043,390; June 9.
- Wringers, Safety feeding device for. H. L. Morin. 2,029,936; Feb. 4.
- Wringing mechanism and swab holder lock for wringer mops, Combination. J. L. Nilson. 2,043,975; June 9.
- Wrist watch strap. A. Schwalberg. 2,036,648; Apr. 7.
- Wrist watch strap, Leather. A. H. Sauer. 2,035,671; Mar. 31.
- Writing computing machine. H. A. Foothorap. 2,043,580; June 9.
- Writing device for issuing tickets or the like, Device, more particularly manifold. H. D. Black and C. Webb. 2,060,922; Nov. 17.
- Writing implement. F. C. Deli. 2,037,408; Apr. 14.
- Writing instrument and shaver's kit, Combination. H. I. Schwartz and J. H. Rothstein. 2,045,416; June 23.
- Writing machine. B. L. Henry. 2,062,455; Dec. 1.
- Writing machine for thermal responsive transfer material. J. Q. Sherman. 2,057,696; Oct. 20.
- Writing machines, Attachment for. J. Q. Sherman and A. W. Metzner. 2,045,618; June 30.
- Writing point or nib. A. S. Horn. 2,051,337; Aug. 18.
- X-ray and fluoroscopic apparatus, Combined. H. G. Fischer, P. P. Musket, and H. H. Osborn. 2,060,981; Nov. 17.
- X-ray apparatus. A. Bouwers. 2,053,176; Sept. 1.
- X-ray apparatus. A. Kuntke and W. H. Boldingh. 2,051,411; Aug. 18.
- X-ray apparatus. H. Linke and W. M. Priest. 2,063,878; Dec. 8.
- X-ray apparatus. H. B. McEuen. 2,040,441; May 12.
- X-ray apparatus. O. H. Pieper. 2,036,095-6; Mar. 31.
- X-ray apparatus. A. Verhoeff. 2,048,237; July 21.
- X-ray device. W. Hofmann. 2,064,662; Dec. 15.
- X-ray device. H. Kunz. 2,049,300; July 28.
- X-ray differentiation between substances of poly-color. K. D. Chambers. 2,040,685; May 12.
- X-ray equipment for inspection. M. B. Adrian. 2,041,682; May 26.
- X-ray exposure timer. M. Morrison. 2,036,070; Mar. 31.
- X-ray generator. H. K. Ruppert and T. H. Forde. 2,053,792; Sept. 8.
- X-ray installation. A. van den Berg. 2,053,587; Sept. 8.
- X-ray intensity meter. H. C. Rentschler. 2,037,924; Apr. 21.
- X-ray machine, High potential. A. Simon. 2,032,894; Mar. 3.
- X-ray operating table. J. B. Wantz and J. J. Grobe. 2,052,956; Sept. 1.
- X-ray photographs, Device for making stereoscopic. W. H. Boldingh. 2,046,543; July 7.
- X-ray pictures, Apparatus and method for making. A. Bouwers and W. H. Boldingh. 2,054,493; Sept. 15.
- X-ray system. W. K. Kearsley. 2,039,908; May 5.
- X-ray system for reducing steepness of wave front. M. Morrison. 2,029,436; Feb. 4.
- X-ray system, Short exposure. W. A. McKay. 2,046,399; July 7.
- X-ray table. J. B. Wantz. 2,038,327; Apr. 21.
- X-ray tilt table, Shockproof. A. C. Nelson. 2,049,271; July 28.
- X-ray tube. V. J. Andrew. 2,030,561; Feb. 11.
- X-ray tube. A. Bouwers and H. Halberstadt. 2,046,808; July 7.
- X-ray tube. L. F. Ehrke. 2,053,327; Sept. 8.
- X-ray tube mount. E. R. Goldfield and C. B. Horsley. 2,029,098; Jan. 28.
- X-ray tube, Shockproof. C. M. Slack and A. H. Laidig. 2,040,156; May 12.
- X-ray unit, Shockproof. A. Simon. 2,049,275; July 28.
- Xanthates. I. Rosenstein. 2,037,437; Apr. 14.
- Xanthates and making same. G. D. Graves. 2,037,717-18; Apr. 21.
- Yaourt or the like, Device for the production of. J. B. R. Savary. 2,052,253; Aug. 25.
- Yarn. J. L. Lohrke and H. H. Perry. 2,040,519; May 12.
- Yarn. L. Wallerstein, R. A. Gale, and T. G. Hawley, Jr. 2,029,970; Feb. 4.
- Yarn and fabric. G. H. Thompson. 2,039,569; May 5.
- Yarn and fabric, Compound. C. E. McLean. 2,026,693; Jan. 7.
- Yarn and fabric of mixed textile materials. C. Dreyfus. 2,046,615; July 7.
- Yarn and making same, Elastic. N. E. Randall. 2,030,610; Feb. 11.
- Yarn and making same, Inlaid. J. H. Purdy. 2,043,333; June 9.
- Yarn and making the same. N. Lewis and H. Feldman. 2,040,518; May 12.
- Yarn and making the same, Elastic. F. D. Chittenden. 2,064,801; Dec. 15.
- Yarn and making the same, Elastic. F. D. Chittenden and K. J. Rupprecht. 2,061,021; Nov. 17.



- Yarn and producing the same. E. J. Lownes, Jr., and M. O. Gibson. 2,064,761; Dec. 15.
- Yarn and the manufacture thereof, Textile. P. F. C. Sower. 2,044,130; June 16.
- Yarn and (thread tensioning mechanism for cop winding and like textile machines. W. Reiners and G. Kahlisch. 2,029,943; Feb. 4.
- Yarn, Apparatus for beaming. W. Reiners and G. Kahlisch. 2,033,738; Mar. 10.
- Yarn carrier control mechanism for straight knitting machines. P. Schmidt. 2,043,214; June 2.
- Yarn carrier stop device for straight knitting machines. E. Richter. 2,059,144; Oct. 27.
- Yarn conditioning means for knitting machines. H. Janssen. 2,054,422; Sept. 15.
- Yarn construction. J. P. Petitmermet. 2,058,620; Oct. 27.
- Yarn containing organic derivatives of cellulose and producing same, Spun. C. Dreyfus. 2,046,616; July 7.
- Yarn controlling member. V. Lombardi. 2,030,261; Feb. 11.
- Yarn, Curling animal fiber. W. T. Wilson. 2,051,588; Aug. 18.
- Yarn, fabric made therefrom, and producing same, Spun. C. Dreyfus. 2,046,617; July 7.
- Yarn feed control mechanism for full fashioned hosiery knitting machines. O. Koebberling, F. Zwicky, and J. V. Hunt. 2,062,913; Dec. 1.
- Yarn feeding mechanism for straight knitting machines. M. Richter. 2,063,000; Dec. 1.
- Yarn finger for knitting machines. I. W. Grothey. 2,051,701; Aug. 18.
- Yarn from multiyarn knitted fabric, Reclaiming. G. Gastrich. 2,061,233; Nov. 17.
- Yarn guide for braiding carriers. M. Krissiep. 2,049,385; July 28.
- Yarn inspecting device. E. O. Jennings. 2,052,711; Sept. 1.
- Yarn measuring device. J. A. Adell. 2,043,569; June 9.
- Yarn, Method and apparatus for treating. C. F. Dulken. 2,054,155; Sept. 15.
- Yarn, Method of and machine for balancing the twist of elastic. F. D. Chittenden and K. J. Rupprecht. 2,061,020; Nov. 17.
- Yarn or thread gassing machine. C. A. Rudisill. 2,038,856; Apr. 28.
- Yarn packaging device. W. J. Elvin and J. L. Killoran. 2,048,787; July 28.
- Yarn prepared from natural silk in the gum, Silk. L. Wallerstein, R. A. Gale, and T. G. Hawley, Jr. 2,029,969; Feb. 4.
- Yarn, Process and apparatus for conditioning. C. F. Dulken. 2,058,576; Oct. 27.
- Yarn, Producing. E. J. Lownes, Jr., and M. O. Gibson. 2,064,762; Dec. 15.
- Yarn, Producing ply. W. F. Bird. 2,061,498; Nov. 17.
- Yarn reel. E. A. Lester. 2,057,728; Oct. 20.
- Yarn, Silk. E. J. Lownes, Jr., and M. O. Gibson. 2,064,804; Dec. 15.
- Yarn, Splicing. R. H. Chase. 2,061,549; Nov. 24.
- Yarn supporting device. J. G. Skelton. 2,027,325; Jan. 7.
- Yarn tension and moisture control means for knitting machines. F. H. German. 2,046,293; June 30.
- Yarn tension for automatic shuttles. A. M. Sergeson and D. B. Meehan. 2,028,692; Jan. 21.
- Yarn tensioning and guiding device for weavers' shuttles. E. Scherdel. 2,043,395; June 9.
- Yarn tensioning device for knitting machines. F. Autem. 2,037,750; Apr. 21.
- Yarn tensioning device for textile machines. W. Reiners and G. Kahlisch. 2,034,356; Mar. 17.
- Yarn, Treatment of. C. Dreyfus and G. R. Blake. 2,065,996; Dec. 29.
- Yarn, Washing and after-treatment of. J. L. Bitter. 2,057,411; Oct. 13.
- Yarn, Washing of. J. L. Bitter. 2,062,987; Dec. 1.
- Yarn wetting agent. F. Pospiech. 2,055,588; Sept. 29.
- Yarn winding machine. L. H. Leedham. 2,059,589; Nov. 3.
- Yarn with liquid, Method and apparatus for treating. F. F. Long. 2,053,293; Sept. 8.
- Yarns and fabrics and making same, Textile. W. Whitehead. 2,042,752; June 2.
- Yarns and fabrics, Making colored textile. W. Whitehead. 2,042,751; June 2.
- Yarns and materials, Processing of textile. C. Dreyfus and W. Whitehead. 2,053,270; Sept. 8.
- Yarns and the production of fabrics therewith, Manufacture of textile. J. Brandwood. 2,057,363; Oct. 13.
- Yarns, Apparatus for use in the drawing, spinning, and twisting of. F. Dawes. 2,043,607; June 9.
- Yarns, filaments, and the like, and product thereof, Making. C. Dreyfus and W. Whitehead. 2,065,518; Dec. 29.
- Yarns, Manufacture of. H. Dreyfus. 2,033,979; Mar. 17.
- Yarns, Manufacture of spun. F. C. Hale. 2,031,647; Feb. 25.
- Yarns or threads, Apparatus for manufacturing twisted artificial. A. W. Keight. 2,030,110; Feb. 11.
- Yarns or threads into cops, Apparatus for simultaneously twisting and winding. W. T. Brand and E. J. Fairweather. 2,028,644; Jan. 21.
- Yarns, Production of textile. W. A. Dickie and R. W. Moncrieff. 2,061,614; Nov. 24.
- Yarns, Subsequent treatment of. C. F. Dulken. 2,036,263; Apr. 7.
- Yarns, threads, filaments and the like, Treatment and manufacture of artificial. W. I. Taylor. 2,044,136; June 16.
- Yeast, Apparatus for the manufacture of. E. van Thiel. 2,043,940; June 9.
- Yeast food with alkaline bias. H. Rosenthal. 2,033,009; Mar. 3.
- Yeast into bakery yeast, Converting brewery. V. Bermann. 2,053,596; Sept. 8.
- Yeast, Manufacture of. W. G. Bennett. 2,059,980; Nov. 3.
- Yeast, Manufacture of. S. C. Darányi. 2,035,048; Mar. 24.
- Yeast, Manufacture of. S. Jansen. 2,056,576; Oct. 6.
- Yeast, Manufacture of. G. W. Kirby and C. N. Frey. 2,029,572; Feb. 4.
- Yeast, Manufacture of. A. Schultz. 2,029,592; Feb. 4.
- Yeast product, Preparation of a. G. W. Kirby and C. N. Frey. 2,065,332; Dec. 22.
- Yeast, Purifying. G. T. Reich. 2,031,668; Feb. 25.
- Yieldable safety lock. K. O. Waechtler and H. M. Suess. 2,030,037; Feb. 4.
- Yieldable shaft coupling. E. Zimmer. 2,049,936; Aug. 4.
- Yieldable support. R. D. Parks. 2,029,789; Feb. 4.
- Yoke for electrical conductors, Strain. J. J. Taylor. 2,039,499; May 5.
- Yoke means. S. B. Haseltine. 2,054,251; Sept. 15.
- Zein, Preparing. H. A. Buron and J. V. MacDonough. 2,044,769; June 23.
- Zeolite beds, Apparatus for regenerating. J. H. Hewetson. 2,046,265; June 30.
- Zero-setting device. W. J. Pearson. 2,044,756; June 16.
- Zero-setting device for registers. E. H. Bradley. 2,059,433; Nov. 3.
- Zero-setting mechanism. A. Kottmann. 2,054,905; Sept. 22.
- Zero-setting mechanism. L. E. Lentz. 2,055,381; Sept. 22.
- Zero thrust indicator. P. H. Stanley and J. A. Roche. 2,055,637; Sept. 29.
- Zigzag stitching machine. W. Bölter. 2,045,340; June 23.
- Zinc and cadmium in sulphate solution, Separating. R. Teats. 2,038,969; Apr. 28.
- Zinc bearing ores and recovering zinc oxide therefrom, Treating. T. A. Mitchell and R. L. Sessions. 2,040,867; May 19.
- Zinc chloride base flux. E. A. Taylor. 2,031,913; Feb. 25.
- Zinc concentrates, Sintering. S. H. Levinson and E. J. Bruderlin. 2,064,479; Dec. 15.
- Zinc derivatives of diazo salts and making them. A. Davidson and W. G. Reid. 2,052,386; Aug. 25.
- Zinc, Manufacture of purified. L. S. Deitz, Jr., and B. Mansfield. 2,055,195; Sept. 22.
- Zinc or cadmium base metals, Coating. E. J. Wilhelm. 2,035,380; Mar. 24.
- Zinc oxide. E. H. Bunce and H. M. Haslam. 2,036,566; Apr. 7.
- Zinc oxide. H. A. Depew. 2,036,570; Apr. 7.
- Zinc oxide. F. B. Gearhart and F. A. Steele. 2,065,687; Dec. 29.
- Zinc oxide dispersion. W. A. Kalber. 2,056,924; Oct. 6.
- Zinc oxide, Producing. E. Feuer and P. Kemp. 2,041,237; May 19.
- Zinc oxide, Treating. H. Reinhard. 2,053,249; Sept. 1.
- Zinc spelter skimmings, Recovering values from. L. E. McDermut. 2,036,291; Apr. 7.
- Zinc sulphide. E. J. Flynn. 2,049,646; Aug. 4.
- Zinc sulphide. R. K. Waring. 2,059,421; Nov. 3.
- Zinc sulphide and making the same. T. A. Mitchell and R. L. Sessions. 2,038,589; Apr. 28.
- Zinc sulphide, Making. T. A. Mitchell and R. L. Sessions. 2,028,162; Jan. 21.
- Zinc sulphide, Manufacture of. S. Kremen. 2,027,440; Jan. 14.
- Zinc sulphide pigments and making the same. T. A. Mitchell and R. L. Sessions. 2,038,590; Apr. 28.
- Zinc vapor, Condensing. E. C. Handwerk and G. T. Mahler. 2,048,863; July 28.
- Zirconium silicate, Producing. C. J. Kinzie. 2,036,220; Apr. 7.
- Zirconium silicates, Purifying. C. J. Kinzie. 2,036,221; Apr. 7.



# LIST OF DESIGN INVENTIONS

- Accordion. R. Galanti. 98,508; Feb. 11.  
 Accordion key. C. E. Barber. 101,438; Oct. 6.  
 Accordion or similar article. M. Soprani. 101,827; Nov. 3.  
 Accordion, Piano. M. H. Berlin. 100,753; Aug. 11.  
 Accordion, Piano. R. D. Budlong. 101,934; Nov. 17.  
 Accordionola. L. Defonso. 102,417; Dec. 22.  
 Adjustable table. G. B. Culbertson. 99,345; Apr. 21.  
 Aerial. B. R. Lonsford. 101,128; Sept. 8.  
 Agitator for domestic washing machines. J. T. Hume. 100,861; Aug. 18.  
 Air-circulating device, Swivel mounted. B. Kirsch. 101,740; Oct. 27.  
 Air circulator. H. C. Hueglin. 99,029; Mar. 24.  
 Air conditioning apparatus, Portable. W. H. Fabry. 100,209; June 30.  
 Air-conditioning control device or similar article. L. L. Friez. 100,262; July 7.  
 Air-conditioning unit. D. D. Boothby. 100,538; July 28.  
 Aircraft level indicating device. L. P. Carter. 99,702; May 19.  
 Air moistener. A. Sternberg. 101,147; Sept. 8.  
 Airplane. V. J. Burnelli. 98,660; Feb. 25.  
 Airplane. D. B. Hammond. 102,300; Dec. 8.  
 Airplane. T. Harris. 100,695; Aug. 4.  
 Airplane. P. M. Lewis and F. Landgraf. 98,727; Feb. 25.  
 Airplane, Flying boat bombing. C. N. Monteith and E. G. Emery, Jr. 100,709; Aug. 4.  
 Alphabet. L. H. Klein. 102,110; Nov. 24.  
 Alphabet. H. T. Mendelsohn. 101,382; Sept. 29.  
 Alphabet for forming appliqué monograms for wearing apparel or similar article, Decorative. C. Emmey. 100,260; July 7.  
 Alphabet for forming applique monograms for wearing apparel or similar article, Decorative. C. Emmey. 100,514; July 21.  
 Alphabet for forming monograms. S. H. Meister. 99,446; Apr. 28.  
 Alphabet for forming monograms. S. H. Meister. 100,352; July 7.  
 Alphabet for forming monograms for wearing apparel or similar article, Decorative. C. Emmey. 98,385; Jan. 28.  
 Alphabet for forming monograms for wearing apparel or similar article, Decorative. C. Emmey. 99,674; May 19.  
 Altar, Illuminated. J. Frei, Jr. 101,524; Oct. 13.  
 Ampule. A. E. Smith. 101,485; Oct. 6.  
 Ardliron. I. Marshall. 102,191; Dec. 1.  
 Ardliron. A. L. Norman. 102,063; Nov. 24.  
 Antenna, Radio. C. A. Lehmann. 98,652; Feb. 18.  
 Applicator. R. Lewis. 98,874; Mar. 10.  
 Applique emblem or similar article for wearing apparel. C. Emmey. 98,058; Jan. 7.  
 Applique emblem or similar article for wearing apparel. C. Emmey. 98,110-11; Jan. 7.  
 Appliqué emblem or similar article for wearing apparel. C. Emmey. 98,300-5; Jan. 28.  
 Appliqué emblem or similar article for wearing apparel. C. Emmey. 98,425; Feb. 4.  
 Appliqué for fender flaps or similar article. G. F. Bahr. 101,609; Oct. 20.  
 Apron. A. Quinn. 100,226; June 30.  
 Apron or similar article. N. Barbagallo. 99,694; May 19.  
 Apron or similar article. K. G. Langston. 98,261; Jan. 21.  
 Armchair. M. B. Smith. 99,556; May 5.  
 Armchair frame. L. Vavrik. 101,570; Oct. 13.  
 Article for smoking tobacco. W. F. Pfau. 99,903; Apr. 14.  
 Ash receiver. I. H. Chandler. 99,854; June 2.  
 Ash receiver. H. H. Lampert. 99,870; June 2.  
 Ash receiver. K. C. Shyvers and P. Jaskowiak. 99,667; May 12.  
 Ash receiver. J. Visser. 100,057; June 16.  
 Ash receiver. C. R. Zettergren. 99,172; Mar. 31.  
 Ash receiver and mounting panel, Combined. J. Visser. 99,380; Apr. 21.  
 Ash receiver or similar article. G. W. Emmert. 98,578; Feb. 18.  
 Ash receivers, Combined face panel and bezel for. J. Visser. 99,917; June 2.  
 Ashtray. A. E. Adams. 99,921; June 9.  
 Ashtray. du P. Cornelius. 100,211; Sept. 15.  
 Ashtray. L. K. Franklin. 98,803; Mar. 3.  
 Ashtray. E. W. Fuerst. 98,764; Mar. 3.  
 Ashtray. R. W. Griswold. 100,021; June 16.  
 Ashtray. A. C. Grunwald. 99,435; Apr. 28.  
 Ash tray. H. J. Gwyer. 99,640; May 12.  
 Ash tray. R. R. Hutcheson. 98,596; Feb. 18.  
 Ashtray. A. R. Lawrence. 102,433; Dec. 22.  
 Ashtray. W. E. Mackelfresh, Jr. 101,131; Sept. 8.  
 Ashtray. W. E. Mackelfresh, Jr. 102,087; Nov. 24.  
 Ashtray. J. E. Spence. 98,894; Mar. 10.  
 Ashtray. N. F. Steuer. 98,784-5; Mar. 3.  
 Ashtray. L. Swanson. 99,904; June 2.  
 Ashtray. W. H. Vogel. 100,401; July 14.  
 Ashtray and cigarette container, Combined. M. L. Graham. 102,428; Dec. 22.  
 Ashtray or similar article. G. Givago. 101,527; Oct. 13.  
 Ashtray or similar article. W. E. Harris. 100,559; July 28.  
 Ashtray or similar article, Glass. T. C. Heisey. 101,630; Oct. 20.  
 Ashtray or similar article of manufacture. H. G. Dyke. 100,009; June 16.  
 Ashtray, or similar article, Smoker's. A. G. Leiber. 98,873; Mar. 10.  
 Ashtray, Pipe cleaning. E. T. Diviny. 100,551; July 28.  
 Ashtray, Shell. A. H. Hutchinson. 100,024; June 16.  
 Ash trays and support therefor, Combined. A. J. Ackerman. 100,535; July 28.  
 Astrological machine or the like. F. W. Hoban. 101,530; Oct. 13.  
 Atomizer. F. A. Vuilleminot. 101,656; Oct. 20.  
 Atomizer. F. A. Vuilleminot. 101,804; Nov. 3.  
 Atomizer. F. A. Vuilleminot. 101,806-7; Nov. 3.  
 Atomizer. F. A. Vuilleminot. 101,902-3; Nov. 10.  
 Atomizer. F. A. Vuilleminot. 102,011-14; Nov. 17.  
 Atomizer. F. A. Vuilleminot. 102,199-202; Dec. 1.  
 Automaton merchandising device. F. L. Dale. 100,938; Aug. 25.  
 Automobile. L. Brodton. 100,755; Aug. 11.  
 Automobile. C. A. Covey. 99,156; Mar. 31.  
 Automobile. D. F. H. Fitzmaurice. 99,237; Apr. 7.  
 Automobile. D. F. H. Fitzmaurice. 100,186; June 23.  
 Automobile. D. F. H. Fitzmaurice. 100,210; June 30.  
 Automobile. P. M. Lewis. 98,080; Jan. 7.  
 Automobile. T. R. Goldsborough. 101,772; Nov. 3.  
 Automobile. P. M. Lewis and F. Landgraf. 100,500; July 21.  
 Automobile. A. E. Northup. 100,119; June 23.  
 Automobile. M. S. Schneider. 101,405; Sept. 29.  
 Automobile and folding wing monoplane, Combined. E. F. Wagner. 99,632; May 12.  
 Automobile body or similar article. R. M. Ferguson. 98,060; Jan. 7.  
 Automobile hood structure. G. M. Buehrig. 99,975; June 9.  
 Automobile instrument panel. R. Mayer. 100,173; June 23.  
 Automobile, Juvenile. W. H. Diemer. 99,004; Mar. 24.  
 Automobile service station island group base unit. A. P. Fox. 100,097; June 23.  
 Automobile top. E. R. Dunn. 98,151; Jan. 14.  
 Automobile trailer body. A. H. Alexander. 100,678-9; Aug. 4.  
 Automobile transport. I. H. Judd. 100,164; June 23.  
 Auxilator and microtelling apparatus. C. H. Kibba. 100,782; Aug. 11.  
 Ax head. H. A. Vaughan. 99,635; May 12.  
 Axe head. H. A. Vaughan. 100,056; June 16.  
 Axle and plate, Vehicle. G. W. Geromanos. 101,866; Nov. 10.  
 Back and arm rest for a couch or similar article, Combination. A. Wesley. 99,382; Apr. 21.  
 Back and arm rest for a couch or similar article of furniture, Combination. G. A. Johnson. 99,562; May 5.  
 Back rest for a studio couch or similar article of furniture. C. A. Stuart. 98,555; Feb. 11.  
 Badge. H. J. Hanson. 101,275; Sept. 22.  
 Badge. M. Weldon and I. C. Hagman. 101,908; Nov. 10.  
 Badge or similar article. W. S. Brown. 100,726; Aug. 4.  
 Badge or similar article. Z. H. Villanueva. 100,137; June 23.  
 Badge or similar article, Adjustable initial indicating. H. B. Cohen. 99,268; Apr. 14.  
 Bag. H. W. Darr. 100,259; July 7.  
 Bag. H. W. Darr. 101,412; Sept. 29.  
 Bag. W. B. Dowdell. 101,596; Oct. 13.  
 Bag. C. P. Thompson. 100,805; Aug. 11.  
 Bag for toilet articles. C. Doppelt. 101,439; Oct. 6.  
 Bag frame. W. C. Hering. 98,122; Jan. 7.  
 Bag, Golf. E. J. Hughes, Jr. 102,278; Dec. 8.  
 Bag, Hand. I. Lending. 98,171; Jan. 14.  
 Bag, Laundry. B. C. Creed. 99,499; May 5.  
 Bag or analogous article. C. P. Beckman. 98,822-3; Mar. 10.  
 Bag or analogous article. P. Das. 99,475; Apr. 28.  
 Bag or similar article, Infant's sleeping. R. J. and W. H. McCarter. 98,603; Feb. 18.  
 Bag, Traveling. B. Laufman. 99,814; May 26.  
 Bait, Artificial. H. R. Weaver. 101,906; Nov. 10.  
 Baker, Cone cake. T. Hallak. 99,940; June 9.  
 Baker or similar article, Electric roll. W. Bellamy. 100,195; June 30.  
 Balance. H. Bennett. 98,977; Mar. 17.  
 Ball cock body. H. D. Clemmons. 101,025; Sept. 1.  
 Ball, Gear shift. G. F. Bahr. 101,477; Oct. 6.  
 Ball or the like, Golf. H. K. B. Davis. 100,206; June 30.



- Bar, Automobile bumper. L. M. Stempel and W. E. Saxton. 101,510; Oct. 6.
- Bar, Bumper. D. T. Gleason and W. E. Saxton. 101,354-5; Sept. 29.
- Bar for a cycle, Handle. H. L. Kraeft. 102,432; Dec. 22.
- Bar for ice cream freezers, Bridge. T. J. Fegley and G. O. Leopold. 101,523; Oct. 13.
- Bar, Handle. H. L. Kraeft. 98,651; Feb. 18.
- Bar pin, Banner. R. T. Dieges. 101,213; Sept. 15.
- Bar, Portable liquor. B. C. Hershfield. 100,473; July 21.
- Bar unit, Back. F. E. Wolcott. 99,232; Apr. 7.
- Base, Burial. R. S. Donahay. 100,414; July 14.
- Base, Fan. G. R. Graff. 100,918; Aug. 18.
- Base for a beverage dispensing device. J. W. Lehman. 101,644; Oct. 20.
- Base for a desk set or the like. G. J. Sengbusch. 101,974; Nov. 17.
- Base for a lamp. S. Goodman. 98,765; Mar. 3.
- Base for a lamp or similar article. J. R. Clifford. 99,390; Apr. 21.
- Base for displaying statuettes or other ornamental articles. T. Mayerhofer. 101,378; Sept. 29.
- Base or similar article, Lamp. H. M. Laxer. 100,031; June 16.
- Basin, Wash. M. A. Blu. 100,310; July 7.
- Basket. N. W. Wagner. 100,402; July 14.
- Basket, May. S. Wilson. 101,078; Sept. 1.
- Basket or holder, Flower. H. M. Potter. 101,417; Sept. 29.
- Basket, Sponge. W. E. Heinecke. 101,119; Sept. 8.
- Basket, Waste. F. A. Hougland. 99,944; June 9.
- Bathroom unit, Combination. J. E. Kelley. 101,047; Sept. 1.
- Bathtub. J. A. Callahan. 98,051; Jan. 7.
- Bathtub. C. W. Carbeau. 100,756.
- Bathtub. H. Dreyfuss and R. H. Zinkil. 101,447; Oct. 6.
- Bathtub. W. J. Kohler. 100,565; July 28.
- Bathtub. W. J. Kohler and G. K. Geerlings. 101,636-7; Oct. 20.
- Bathtub. W. J. Kohler, and G. K. Geerlings. 102,370; Dec. 15.
- Bathtub. W. J. Kohler and G. K. Geerlings. 102,557-9; Dec. 29.
- Battery box. W. Joy. 98,675; Feb. 25.
- Battery, Dry cell. C. F. Burgess. 100,199; June 30.
- Battery electrode element. A. I. Eddy. 102,020; Nov. 17.
- Beacon, Traffic. E. W. Hough. 99,162; Mar. 31.
- Beam, Weighing scale. A. B. Jacobus. 99,239; Apr. 7.
- Bed. L. Jiranek. 101,221; Sept. 15.
- Bed, Baby's. J. R. Kuhn. 102,209; Dec. 1.
- Bed sack or similar article. F. Weinberg. 101,844; Nov. 3.
- Bedspring. D. C. Travis. 99,736; May 19.
- Bedstead. G. Krick. 101,780; Nov. 3.
- Bedstead. M. C. Pumphrey. 98,615; Feb. 18.
- Bedstead. M. C. Pumphrey. 99,520; May 5.
- Bell, Christmas tree. W. F. Reibold. 101,555; Oct. 13.
- Belt. M. Hirsh. 99,714; May 19.
- Belt for personal wear. H. Cohen. 100,727; Aug. 4.
- Belt for personal wear. D. T. Manning. 99,517; May 5.
- Belt for personal wear. D. T. Manning. 99,954; June 9.
- Belt for wearing apparel. H. Auslander. 102,349; Dec. 15.
- Belt or similar article. A. Susseles. 98,817; Mar. 3.
- Belt or similar article, Lady's. J. Levine. 102,113; Nov. 24.
- Bench. L. Jiranek. 101,223; Sept. 15.
- Bench or similar article. C. D. Spangler. 99,375; Apr. 21.
- Beveler and squarer for flat and curved plates, Combination. M. Annick. 101,760; Nov. 3.
- Beverage cooler. G. V. Steffens. 98,096; Jan. 7.
- Beverage dispensing device. J. M. Travis. 98,485; Feb. 4.
- Bib, Child's. I. Olsen. 99,960; June 9.
- Bicycle. E. S. Boynton. 100,683; Aug. 4.
- Bicycle. J. W. Clements. 100,202; June 30.
- Bicycle. H. L. Kraeft. 102,373; Dec. 15.
- Bicycle. H. L. Kraeft. 102,379; Dec. 15.
- Bicycle. O. Mankki. 100,958; Aug. 25.
- Bicycle. H. W. Peace. 99,302; Apr. 14.
- Bicycle. M. E. Roe. 102,397; Dec. 15.
- Bicycle fender flap. W. C. Jackson. 98,806; Mar. 3.
- Bicycle frame. J. W. Clements. 100,203; June 30.
- Bicycle frame. G. S. Lewis. 99,873; June 2.
- Bicycle frame. E. E. Pease. 99,890; June 2.
- Bicycle frame. M. E. Roe. 102,398; Dec. 15.
- Bicycle handle bar extension stem. E. F. Pawsat. 99,301; Apr. 14.
- Bicycle head and truss rod unit. E. E. Pease. 99,889; June 2.
- Bicycle name plate. M. E. Roe and W. H. Adams. 100,291; July 7.
- Billboard. W. S. Brede. 100,086; June 23.
- Billfold. C. T. Meeker. 99,360; Apr. 21.
- Billfold. C. T. Meeker. 101,996; Nov. 17.
- Billfold. R. H. Rolfs and W. H. Weaver. 99,215; Apr. 7.
- Binding, Elastic. H. H. Busch. 99,342; Apr. 21.
- Binocular, Prism. A. Wollensak and G. F. Pirwitz. 98,790; Mar. 3.
- Biplane, Tandem motored. R. C. Wilson and O. A. Swanson. 101,928; Nov. 10.
- Blade, Cutting. M. Parker and J. W. B. Ladd. 100,877; Aug. 18.
- Blind and housing therefor, Combined Venetian. P. H. Kuyper. 98,260; Jan. 21.
- Block, Butcher. F. J. Schmitt. 102,453; Dec. 22.
- Block, Glass building. H. L. Eastus. 99,075-6; Mar. 24.
- Block, Glass building. J. R. Hoge. 101,633; Oct. 20.
- Block, Glass building. D. Jones. 99,087; Mar. 24.
- Block, Glass building. E. P. Lockhart, Jr. 101,372; Sept. 29.
- Block, Glass building. W. P. Zimmerman. 99,102; Mar. 24.
- Block, Hollow glass building. M. K. Holmes. 101,360; Sept. 29.
- Block, Insulating building. C. J. Chaplin. 100,089; June 23.
- Blouse. G. Baum. 99,386; Apr. 21.
- Blouse. G. Baum. 100,979; Aug. 25.
- Blouse. T. Coleman. 102,547; Dec. 29.
- Blouse. M. F. De Witt. 98,149; Jan. 14.
- Blouse. A. Einstein. 101,756; Oct. 27.
- Blouse. I. Geist. 98,156-7; Jan. 14.
- Blouse. I. Geist. 98,248; Jan. 21.
- Blouse. I. Geist. 101,214; Sept. 15.
- Blouse. I. Geist. 102,130; Dec. 1.
- Blouse. I. Geist. 102,552; Dec. 29.
- Blouse. S. Goldstein. 99,789; May 26.
- Blouse. B. Hyman. 98,164; Jan. 14.
- Blouse. B. Hyman. 98,254; Jan. 21.
- Blouse. I. Kraunz. 101,498; Oct. 6.
- Blouse. H. Nadler. 98,608; Feb. 18.
- Blouse. E. Shinkman. 101,407; Sept. 29.
- Blouse. R. A. Weiss. 101,316; Sept. 22.
- Board for a hair waving cabinet or similar article, Instrument. M. F. Dreher. 100,552; July 23.
- Board for children's game, Playing. W. J. Burke. 99,324; Apr. 14.
- Board, Game. M. Blum. 99,263; Apr. 14.
- Board, Game. O. H. and C. M. Eriksen. 100,095; June 23.
- Board, Game. C. Lyell. 101,500; Oct. 6.
- Board, Illuminated spotting. G. G. Stringer. 100,607; July 28.
- Board, Nautical game. E. B. Coxhead. 101,621; Oct. 20.
- Board or similar article, Game. J. T. Cukor. 101,487; Oct. 6.
- Board, Stock quotation. C. S. Newhard. 99,822; May 26.
- Boat. H. E. Bakenhus. 100,144; June 23.
- Boat, Flying. R. J. Minshall and W. E. Beall. 101,707; Oct. 27.
- Boat or similar article. A. M. Peabody. 101,395; Sept. 29.
- Body, Combination semitrailer tank and package delivery. F. C. Buchanan and B. H. Gill. 100,486; July 21.
- Body for a stringed musical instrument. F. R. Johnson. 100,498; July 21.
- Boiler, Range. R. S. Rheem. 98,186; Jan. 14.
- Bonnet, Child's. M. H. Scherff. 101,010; Aug. 25.
- Bookcase, radio, stationary compartment, liquor compartment, clock and lamp, or similar article, Combined. N. H. Boisvert. 99,655; May 12.
- Book cover. F. A. Hougland. 99,868; June 2.
- Book end. K. L. Cooley. 98,384; Jan. 28.
- Book end. E. W. Fuerst. 98,506; Feb. 11.
- Book end or similar article. L. V. Aronson. 100,255; July 7.
- Boot for females, Rubber. R. G. Issaly. 101,277; Sept. 22.
- Boot, Jockey's racing. A. M. Kroop. 101,541; Oct. 13.
- Boot, Ski. G. Mayer. 102,034; Nov. 24.
- Bootee. H. F. Wright. 100,241-2; June 30.
- Booth. J. M. Miller. 100,333; July 7.
- Booth, Communication. B. S. Reynolds. 101,887; Nov. 10.
- Booth, Restaurant. R. Sisco. 98,372; Jan. 28.
- Bottle. F. S. Barbiers. 98,382; Jan. 28.
- Bottle. H. C. Berkowitz. 98,711; Feb. 25.
- Bottle. H. C. Berkowitz. 99,339; Apr. 21.
- Bottle. J. W. Bicks. 99,064; Mar. 24.
- Bottle. M. M. Blum. 98,911; Mar. 17.
- Bottle. G. M. Brenner. 99,617; May 12.
- Bottle. L. Dache-Despres. 99,270; Apr. 14.
- Bottle. R. H. Dallas. 99,189; Apr. 7.
- Bottle. R. H. Dallas. 99,757; May 19.
- Bottle. M. R. De Mascolo. 98,455; Feb. 4.
- Bottle. E. L. Du Free, Jr. 101,450-1; Oct. 6.
- Bottle. R. Durand. 98,577; Feb. 18.
- Bottle. C. P. Englehardt. 102,264; Dec. 8.
- Bottle. V. Flannery. 102,268; Dec. 8.
- Bottle. E. M. Fleischmann. 100,011; June 16.
- Bottle. S. S. Freedman. 102,420; Dec. 22.
- Bottle. B. D. Fuerst. 98,426; Feb. 4.
- Bottle. B. D. Fuerst. 100,323; July 7.
- Bottle. B. D. Fuerst. 100,367; July 14.
- Bottle. B. D. Fuerst. 102,422; Dec. 22.
- Bottle. E. W. Fuerst. 99,350; Apr. 21.
- Bottle. E. W. Fuerst. 99,434; Apr. 28.
- Bottle. E. W. Fuerst. 100,366; July 14.
- Bottle. E. W. Fuerst. 100,691; Aug. 4.
- Bottle. E. W. Fuerst. 101,032; Sept. 1.
- Bottle. E. W. Fuerst. 101,984; Nov. 17.
- Bottle. J. H. Funkey. 100,368; July 14.
- Bottle. W. J. Garber, Jr. 98,931; Mar. 17.
- Bottle. C. B. Garwood. 98,859; Mar. 10.
- Bottle. C. B. Garwood. 99,010-12; Mar. 24.
- Bottle. J. F. Goggin. 100,495; July 21.
- Bottle. F. W. Gray. 98,396; Jan. 28.
- Bottle. R. Guerlain. 100,372; July 14.
- Bottle. R. Guerlain. 100,424; July 14.



- Bottle. W. Guyer. 100,772-3; Aug. 11.  
 Bottle. M. Harrison. 100,560; July 28.  
 Bottle. C. G. Hilgenberg. 99,023; Mar. 24.  
 Bottle. C. E. Hires, Jr. 99,839; May 26.  
 Bottle. E. A. Kirstein. 99,197; Apr. 7.  
 Bottle. W. R. Kohl. 101,538-9; Oct. 13.  
 Bottle. W. R. Kohl. 102,279; Dec. 8.  
 Bottle. G. H. Laird. 98,077-8; Jan. 7.  
 Bottle. Y. Lanvin. 98,599; Feb. 18.  
 Bottle. W. R. Leach. 98,531; Feb. 11.  
 Bottle. W. R. Leach. 99,130; Mar. 31.  
 Bottle. W. R. Leach. 101,919; Nov. 10.  
 Bottle. P. C. Leatherman. 100,109; June 23.  
 Bottle. C. Levine. 98,172-3; Jan. 14.  
 Bottle. A. I. Lorenzen. 99,627; May 12.  
 Bottle. A. I. Lorenzen. 99,644; May 12.  
 Bottle. A. I. Lorenzen. 100,217; June 30.  
 Bottle. M. Luft. 100,077; June 16.  
 Bottle. L. Mann. 98,601; Feb. 18.  
 Bottle. L. Mann. 102,033; Nov. 24.  
 Bottle. C. Mark. 101,049; Sept. 1.  
 Bottle. H. A. Marks. 102,282; Dec. 8.  
 Bottle. J. W. Marrow. 102,283; Dec. 8.  
 Bottle. G. N. Mas. 102,569; Dec. 29.  
 Bottle. E. J. McCullough. 98,730; Feb. 25.  
 Bottle. F. McIntosh. 98,270; Jan. 21.  
 Bottle. F. McIntosh. 100,112; June 23.  
 Bottle. F. McIntosh. 100,434-5; July 14.  
 Bottle. F. McLaughlin. 98,178; Jan. 14.  
 Bottle. F. McLaughlin. 99,819; May 26.  
 Bottle. F. McLaughlin. 99,880; June 2.  
 Bottle. F. McLaughlin. 100,708; Aug. 4.  
 Bottle. G. A. Mengle. 101,132; Sept. 8.  
 Bottle. A. C. Meyer. 99,409; Apr. 21.  
 Bottle. A. C. Meyer. 100,382-3; July 14.  
 Bottle. A. C. Meyer. 100,874; Aug. 18.  
 Bottle. W. H. Miller. 98,459; Feb. 4.  
 Bottle. W. H. Miller. 99,411; Apr. 21.  
 Bottle. S. B. Monasch. 98,813; Mar. 3.  
 Bottle. S. B. Monasch. 100,386; July 14.  
 Bottle. H. R. Mott. 101,483; Oct. 6.  
 Bottle. P. P. Mühlens. 99,629; May 12.  
 Bottle. P. P. Mühlens. 99,646-9; May 12.  
 Bottle. C. A. Neumann. 100,714; Aug. 4.  
 Bottle. W. S. Nuckols. 102,303; Dec. 8.  
 Bottle. R. A. Patterson. 101,590; Oct. 13.  
 Bottle. F. J. Petty. 98,735; Feb. 25.  
 Bottle. F. J. Petty. 102,444; Dec. 22.  
 Bottle. W. D. Plummer. 102,036; Nov. 24.  
 Bottle. G. C. Robinson. 99,650; May 12.  
 Bottle. J. M. Sansby. 99,763; May 19.  
 Bottle. E. Schiaparelli. 102,172; Dec. 1.  
 Bottle. L. H. Schurlock. 101,011; Aug. 25.  
 Bottle. W. Sheedy. 102,454; Dec. 22.  
 Bottle. J. C. Sheridan. 100,050; June 16.  
 Bottle. F. Smith. 99,374; Apr. 21.  
 Bottle. G. Smith, Jr. 98,739; Feb. 25.  
 Bottle. G. Smith, Jr. 100,054-5; June 16.  
 Bottle. G. Smith, Jr. 101,144; Sept. 8.  
 Bottle. G. Smith, Jr. 101,180-2; Sept. 8.  
 Bottle. M. N. Stanley. 99,902; June 2.  
 Bottle. J. S. Steelman. 99,376; Apr. 21.  
 Bottle. J. S. Steelman. 100,180; June 23.  
 Bottle. J. S. Steelman. 100,230; June 30.  
 Bottle. J. S. Steelman. 100,339-40; July 7.  
 Bottle. J. S. Steelman. 101,419-20; Sept. 29.  
 Bottle. N. F. Steuer. 98,373; Jan. 28.  
 Bottle. N. F. Steuer. 101,564; Oct. 13.  
 Bottle. J. H. Steuernagle. 98,969; Mar. 17.  
 Bottle. J. H. Steuernagle. 100,231-2; June 30.  
 Bottle. J. H. Steuernagle. 100,342; July 7.  
 Bottle. I. Strouse. 100,744; Aug. 4.  
 Bottle. W. R. Thomas. 100,930; Aug. 18.  
 Bottle. D. Trompeter. 99,764; May 19.  
 Bottle. A. Wick. 99,634; May 12.  
 Bottle. W. G. Zetzmann. 99,653; May 12.  
 Bottle and cap therefor, Combined. J. Revson. 99,415; Apr. 21.  
 Bottle and dropper, Combination. N. P. Steckler. 98,119; Jan. 7.  
 Bottle and holder therefor, Combination. H. J. Titus. 100,521; July 21.  
 Bottle and holder therefor, Combined. F. McIntosh. 100,574; July 28.  
 Bottle and stopper, Combination. P. H. Ganz. 99,572; May 12.  
 Bottle and stopper, Combined. R. Capey. 101,617; Oct. 20.  
 Bottle and stopper, Combined. P. H. Ganz. 98,427; Feb. 4.  
 Bottle and stopper, Combined. P. H. Ganz. 100,264; July 7.  
 Bottle and stopper, Combined. A. C. James. 100,428; July 14.  
 Bottle cap. J. R. Morris. 98,880; Mar. 10.  
 Bottle cap and opener, Combined. M. E. Trollen. 98,486; Feb. 4.  
 Bottle, cap, applicator and pencil, Combination manicure. E. A. Henske. 100,561; July 28.  
 Bottle, Combination recessed. B. Carp. 100,412; July 14.  
 Bottle, Cosmetic. P. W. Shulman. 102,401; Dec. 15.  
 Bottle, Glass. L. J. Kihn. 98,598; Feb. 18.  
 Bottle, Glass. W. E. Mackelfresh, Jr. 99,750; May 19.  
 Bottle, Glass. C. H. Oestreich. 101,392; Sept. 29.  
 Bottle, Ink. J. J. Newman. 99,136; Mar. 31.  
 Bottle, Ketchup. H. Ennever. 98,504; Feb. 11.  
 Bottle, Metal. C. E. McManus. 98,444-5; Feb. 4.  
 Bottle, Metal. C. E. McManus and G. Goebel. 99,093; Mar. 24.  
 Bottle, Milk. M. A. Pecora. 98,609; Feb. 18.  
 Bottle or similar article. T. J. Piazzoli. 98,958; Mar. 17.  
 Bottle or similar article. F. Smith. 99,916; June 2.  
 Bottle or similar article, Perfume. J. S. Stein. 100,929; Aug. 18.  
 Bottle or similar article, Talc. J. S. Stein. 100,393; July 14.  
 Bottle or similar container. J. B. Keightley. 99,492; Apr. 28.  
 Bottle or similar container. L. A. Leppke. 101,879; Nov. 10.  
 Bottle or similar container. A. E. Rowse. 99,333; Apr. 14.  
 Bottle or similar container. G. Smith, Jr. 100,128; June 23.  
 Bottle or similar container, Perfume. B. J. Dolan. 102,178; Dec. 1.  
 Bottle, Perfume. C. K. Park. 99,209; Apr. 7.  
 Bottle, Siphon. A. Towart, Jr. 100,233; June 30.  
 Bottle sterilizer. C. A. Godshalk. 100,858; Aug. 18.  
 Bottles and container therefor, Display. R. B. Karoff. 99,623; May 12.  
 Bow for a shoe. W. F. O'Brien. 100,038; June 16.  
 Bowl. J. B. Clark. 98,453; Feb. 4.  
 Bowl. J. E. Spence. 102,457; Dec. 22.  
 Bowl and stand, Combined fish. L. K. Franklin. 98,718; Feb. 25.  
 Bowl and stand, Combined fish. L. K. Franklin. 98,762; Mar. 3.  
 Bowl, Fish. S. J. Carnes. 100,200; June 30.  
 Bowl for domestic animals, Feed. I. M. Robertson. 101,140; Sept. 8.  
 Bowl, Lighting fixture. A. W. Hendrickson. 101,631; Oct. 20.  
 Bowl or similar article. A. J. Bennett. 98,993; Mar. 24.  
 Bowl or similar article. B. N. Kane. 101,777; Nov. 3.  
 Bowl or similar article. E. W. Newton. 100,577; July 28.  
 Bowl or similar article, Cereal. G. L. Jenks. 98,070; Jan. 7.  
 Bowl or similar article, Glass. A. H. Nicholson. 102,091; Nov. 24.  
 Bowl or similar article, Glass floral. T. C. Heisey. 99,799; May 26.  
 Bowl or similar article, Glass sugar. W. von Nessen. 101,900; Nov. 10.  
 Bowl or similar article, Lighting fixture. N. Kopp. 102,560; Dec. 29.  
 Bowl or similar article, Shaving. A. Mosheim. 100,353; July 7.  
 Bowl or similar article, Sugar. B. Kogan. 101,959; Nov. 17.  
 Bowl, Puree. R. G. Cowan. 101,519; Oct. 13.  
 Bowl, Shaving. J. Manoha. 98,266; Jan. 21.  
 Bowl, Sugar. A. F. Fukal. 100,263; July 7.  
 Bowl, Wishing. E. Day. 102,416; Dec. 22.  
 Box. P. E. Bagur. 98,472; Feb. 4.  
 Box. I. Cole. 98,662; Feb. 25.  
 Box. C. S. Gage. 98,587; Feb. 18.  
 Box. F. A. Hougland. 99,945; June 9.  
 Box. M. Lippert. 100,704; Aug. 4.  
 Box. F. McIntosh. 98,271; Jan. 21.  
 Box. F. McIntosh. 100,736; Aug. 4.  
 Box. C. M. O'Brien. 98,884; Mar. 10.  
 Box. E. A. Terrell. 102,528; Dec. 29.  
 Box, Battery. R. Le Clercq. 99,512-4; May 5.  
 Box, Battery. R. Le Clercq. 101,126; Sept. 8.  
 Box, Battery. R. Le Clercq. 101,995; Nov. 17.  
 Box, Candy or liquor. J. Raisin. 100,879; Aug. 18.  
 Box, Cigarette. N. F. Steuer. 98,783; Mar. 3.  
 Box, Control. L. M. Persons. 100,828; Aug. 11.  
 Box, Dice. M. M. Coles. 102,025; Nov. 24.  
 Box for crayons. R. W. Weeks. 100,610; July 28.  
 Box for jewelry, Display. G. B. Nathanson. 101,753; Oct. 27.  
 Box for sales tax, Collection. W. A. Honeyman. 99,561; May 5.  
 Box, Jewelry. J. R. Dean. 101,854; Nov. 10.  
 Box, Jewelry display. H. S. Scholes. 99,217; Apr. 7.  
 Box, Match. C. W. Sundberg. 98,279; Jan. 21.  
 Box, Multiple candy. I. A. Deline. 98,419; Feb. 4.  
 Box or similar article, Finger ring. J. G. Allen. 100,142; June 23.  
 Box or similar article, Jewelry display. J. M. Shields. 100,177-8; June 23.  
 Box or similar article, Jewelry display. J. M. Shields. 102,455; Dec. 22.  
 Box or similar article, Mail. P. Christie. 99,000; Mar. 24.  
 Box or similar article, Powder. J. S. Sherman. 98,092; Jan. 7.  
 Box or similar article, Ring. M. C. Meyer. 99,821; May 26.  
 Box or similar article, Vanity. T. Sundin. 101,474; Oct. 6.  
 Box or similar container. B. Ansehl. 101,608; Oct. 20.  
 Box or similar container. J. K. La Trell. 98,950; Mar. 17.  
 Box or the like. A. Bates. 100,145; June 23.  
 Box or the like, Candy. S. A. Cohen. 98,237; Jan. 21.  
 Box or the like, Display. J. L. Hawkinson. 98,938-9; Mar. 17.  
 Box, Watch. E. Lux. 101,129; Sept. 8.



- Box, Watch display. B. S. Katz. 100,026; June 16.  
 Bracelet. S. O. Bigney. 98,910; Mar. 17.  
 Bracelet. E. Blackburn. 101,022; Sept. 1.  
 Bracelet. H. L. E. Gunther. 98,934; Mar. 17.  
 Bracelet. H. P. Kelley. 100,665; Aug. 4.  
 Bracelet and handkerchief, Combined. D. E. Schwab. 102,338; Dec. 15.  
 Bracelet or similar article. S. Gerli. 102,162; Dec. 1.  
 Bracelet or similar article. J. W. Taylor. 98,374; Jan. 28.  
 Bracelet or similar article, Watch. J. Kreisler. 98,944-6; Mar. 17.  
 Bracelet or similar article, Watch. J. Kreisler. 100,953-5; Aug. 25.  
 Bracelet, Watch. S. Ritter. 98,620; Feb. 18.  
 Bracelet, Watch. S. Ritter. 98,622-3; Feb. 18.  
 Bracelet, Watch. S. Ritter. 101,713; Oct. 27.  
 Bracket. H. K. Kimble. 101,585; Oct. 13.  
 Bracket back, Side wall lighting fixture. E. C. Godfrey. 101,528; Oct. 13.  
 Bracket, Bathroom. J. F. Levy. 99,441; Apr. 28.  
 Bracket, Bathroom shelf. J. F. Levy. 99,442; Apr. 28.  
 Bracket, Electric wall. L. Gudeman. 100,946; Aug. 25.  
 Bracket for bathroom fixtures. J. J. Connors. 101,210; Sept. 15.  
 Bracket for supporting an automobile driving lamp or similar article. M. F. Rich. 99,047; Mar. 24.  
 Bracket, Safety reflector. R. B. Smith. 102,293; Dec. 8.  
 Brake, Coaster. A. J. Musselman. 101,999; Nov. 17.  
 Brassière. Z. M. Andrus. 101,664; Oct. 20.  
 Brassière. Z. M. Andrus. 101,686; Oct. 20.  
 Brassière. R. E. C. de Pury. 98,576; Feb. 18.  
 Brassière. W. Rosenthal. 98,090; Jan. 7.  
 Brassière. W. Rosenthal. 98,187; Jan. 14.  
 Brassière. W. Rosenthal. 98,963; Mar. 17.  
 Brassière. C. M. Sachs. 99,895; June 2.  
 Brassière or similar article. G. A. Kaufman. 101,875; Nov. 10.  
 Brassière vest. S. Stein. 99,534; May 5.  
 Bread toast. S. S. Langendorf. 99,813; May 26.  
 Bread, Toasted. W. H. Brooks. 99,993-6; June 16.  
 Bread, Toasted. W. H. Brooks. 100,257; July 7.  
 Breeches. H. Z. Isaacs. 98,437; Feb. 4.  
 Brick for wall construction. J. Iannone. 101,634; Oct. 20.  
 Bridge for an ophthalmic mounting. H. W. Grom. 101,118; Sept. 8.  
 Bridge for an ophthalmic mounting. E. M. Splaine. 101,146; Sept. 8.  
 Bridge for eyeglasses. H. W. Grom. 98,591; Feb. 18.  
 Bridge for eyeglasses, Center. E. R. Durgin. 99,673; May 19.  
 Bridge for eyeglasses, Center. E. R. Durgin. 101,272; Sept. 22.  
 Bridge for eyeglasses or similar articles, Center. R. L. Obrig. 102,142; Dec. 1.  
 Brooch. L. Fago. 98,666; Feb. 25.  
 Brooch or similar article. R. Massa. 102,435; Dec. 22.  
 Brooch or similar article, Pendant. M. Chernow. 101,105; Sept. 8.  
 Broom, Whisk. T. W. Waters. 101,017; Aug. 25.  
 Brush. H. Hertzberg. 98,940; Mar. 17.  
 Brush. R. A. Paisley. 99,364; Apr. 21.  
 Brush. F. R. Weber. 99,485; Apr. 28.  
 Brush and comb, Combined hair. J. D. Dean. 101,982; Nov. 17.  
 Brush and nozzle, Combined. G. E. Lofgren. 98,082; Jan. 7.  
 Brush and nozzle, Combined. G. E. Lofgren. 100,668; Aug. 4.  
 Brush, Combined applicator and massage. C. M. Butler. 100,256; July 7.  
 Brush, Counter. F. J. Bickel. 99,110; Mar. 31.  
 Brush, Floor. F. J. Bickel. 99,109; Mar. 31.  
 Brush, Floor. H. Cave. 98,120; Jan. 7.  
 Brush, Floor. L. F. Strassheim. 100,724; Aug. 4.  
 Brush, Fountain. J. A. Kranley. 101,082; Sept. 1.  
 Brush, Hair. M. E. O'Donoghue. 100,789; Aug. 11.  
 Brush, Hand. E. M. Maher. 98,536; Feb. 11.  
 Brush. N. Kirsten. 102,055; Nov. 24.  
 Brush, Motor driven. W. R. McGrew. 100,601; July 28.  
 Brush or the like. A. F. Reilly. 101,591; Oct. 13.  
 Brush, Scratch. F. J. Bickel. 101,729; Oct. 27.  
 Brush, Sink. C. A. Porter. 100,225; June 30.  
 Brush, Tongue. G. L. Grapp. 99,352; Apr. 21.  
 Brush, Window. F. J. Bickel. 99,111; Mar. 31.  
 Bucket or the like, Wine cooling. L. Guild. 98,315; Jan. 28.  
 Buckle. L. Alterson. 98,045; Jan. 7.  
 Buckle. L. Alterson. 98,638; Feb. 18.  
 Buckle. L. Alterson. 101,321; Sept. 29.  
 Buckle. P. F. Ashton. 102,024; Nov. 24.  
 Buckle. J. B. Freysinger. 98,507; Feb. 11.  
 Buckle. J. B. Freysinger. 98,586; Feb. 18.  
 Buckle. J. B. Freysinger. 98,668; Feb. 25.  
 Buckle. J. B. Freysinger. 99,008; Mar. 24.  
 Buckle. J. B. Freysinger. 99,174; Mar. 31.  
 Buckle. J. B. Freysinger. 99,349; Apr. 21.  
 Buckle. J. B. Freysinger. 100,158; June 23.  
 Buckle. J. B. Freysinger. 100,421; July 14.  
 Buckle. J. B. Freysinger. 100,765; Aug. 11.  
 Buckle. J. B. Freysinger. 101,624; Oct. 20.  
 Buckle. J. B. Freysinger. 101,769-70; Nov. 3.  
 Buckle. J. B. Freysinger. 101,946; Nov. 17.  
 Buckle. J. B. Freysinger. 102,129; Dec. 1.  
 Buckle. J. B. Freysinger. 102,551; Dec. 29.  
 Buckle. W. S. Laurie. 99,511; May 5.  
 Buckle. D. Levin. 100,957; Aug. 25.  
 Buckle. D. T. Manning. 99,204-5; Apr. 7.  
 Buckle. E. M. Meyer and D. Levin. 99,820; May 26.  
 Buckle. E. S. Mix. 101,050-9; Sept. 1.  
 Buckle. S. Putman. 98,368; Jan. 28.  
 Buckle. S. Putman. 98,547; Feb. 11.  
 Buckle. S. Putman. 98,616; Feb. 18.  
 Buckle. S. Putman. 98,691; Feb. 25.  
 Buckle. S. Putman. 99,823-4; May 26.  
 Buckle. S. Putnam. 100,973; Aug. 25.  
 Buckle. J. I. Schaffer. 100,926; Aug. 18.  
 Buckle. J. I. Schaffer. 102,038-40; Nov. 24.  
 Buckle. J. J. Walsh. 98,099; Jan. 7.  
 Buckle. J. J. Walsh. 98,972-3; Mar. 17.  
 Buckle. J. J. Walsh. 99,061-2; Mar. 24.  
 Buckle. J. J. Walsh. 100,058-62; June 16.  
 Buckle. H. F. Wright. 98,101; Jan. 7.  
 Buckle. H. F. Wright. 98,451; Feb. 4.  
 Buckle, Belt. J. P. Gordon. 98,160; Jan. 14.  
 Buckle, Cigarette box. J. Singer. 99,683; May 19.  
 Buckle or similar article. D. Cooper. 98,147; Jan. 14.  
 Buckle or similar article, Combination case bearer belt. H. H. Dulany. 100,466; July 21.  
 Buckle or the like, Belt. J. R. Craighead. 99,569; May 12.  
 Buckle, Shoe. C. S. Felch. 99,601; May 12.  
 Buckle, Shoe. W. L. Gibbons. 100,857; Aug. 18.  
 Buffet. R. Wright. 98,635; Feb. 18.  
 Building. G. E. Brumbaugh. 98,210; Jan. 21.  
 Building. G. B. de Vall. 99,708; May 19.  
 Building. R. E. Fellow. 102,304; Dec. 8.  
 Building. F. A. Redford. 98,617; Feb. 18.  
 Building. R. J. Shaw. 102,115; Nov. 24.  
 Building. A. C. Stalcup. 101,473; Oct. 6.  
 Building. C. G. Starling. 100,338; July 7.  
 Building, Portable. E. P. Burke. 100,539; July 28.  
 Building, Restaurant. L. F. Karlsberger. 98,523; Feb. 11.  
 Bulb or similar article, Decorative electric light. A. Abramson. 99,841-5; June 2.  
 Bulb or similar article, Decorative electric light. A. Abramson. 99,919-20; June 9.  
 Bumper guard, Automobile. R. J. Fitness. 100,599; July 28.  
 Bumper or similar article. H. S. Jandus and B. M. Short. 99,547; May 5.  
 Bun. C. W. Morton. 101,549; Oct. 13.  
 Burner casing and support therefor, Combined oil. M. R. Knox. 98,725-6; Feb. 25.  
 Burner, Gas. C. E. Clifton. 99,186; Apr. 7.  
 Burner, Oil. E. Camerino. 100,985; Aug. 25.  
 Burner, Oil. E. J. Lattner. 102,059; Nov. 24.  
 Burner, Oil. W. J. Smith. 102,294; Dec. 8.  
 Burner, Oil. A. Thousand. 100,134; June 23.  
 Burner or similar article, Oil. R. E. and M. Wilcox. 102,538; Dec. 29.  
 Burner pumping and control unit, Oil. T. W. Murphy. 100,476; July 21.  
 Button. L. B. Carley. 98,231; Jan. 21.  
 Button. L. R. Carley. 98,917-18; Mar. 17.  
 Button. L. R. Carley. 101,594; Oct. 13.  
 Button. L. R. Carley. 102,412; Dec. 22.  
 Button. A. H. Feuerstein. 102,226; Dec. 1.  
 Button. F. H. Fisher. 98,583-5; Feb. 18.  
 Button. F. H. Fisher. 101,943-5; Nov. 17.  
 Button, Covered. J. Kowal. 99,760; May 19.  
 Button, Traffic. J. W. Shaffer and R. T. Phillips. 100,741; Aug. 4.  
 Button, Traffic. J. W. Shaffer and R. T. Phillips. 101,561; Oct. 13.  
 Button, Traffic. J. W. Shaffer and R. T. Phillips. 101,797; Nov. 3.  
 Cabinet. S. J. Block. 98,048; Jan. 7.  
 Cabinet. G. M. Jackson. 98,649; Feb. 18.  
 Cabinet. J. R. Morgan. 99,958; June 9.  
 Cabinet. R. Wright. 98,634; Feb. 18.  
 Cabinet, Air-conditioning. C. H. Victoreen. 101,573; Oct. 13.  
 Cabinet and bureau or the like, Combined toilet. I. H. Stern. 98,551; Feb. 11.  
 Cabinet and work holder or the like, Dentist's combined pedestal. H. G. Evans. 102,265; Dec. 8.  
 Cabinet, Bar. D. C. Rockola. 100,124; June 23.  
 Cabinet, Beverage cooler. R. E. Kruck. 101,570; Sept. 29.  
 Cabinet body, Refrigerator. P. M. Koons. 101,227; Sept. 15.  
 Cabinet, Bread. G. W. Stallings and G. W. Walker. 102,511; Dec. 29.  
 Cabinet, Combination storage and refrigerator. L. J. Gottschalk. 100,017; June 16.  
 Cabinet, Combined radio and bar. E. J. Krause. 100,952; Aug. 25.  
 Cabinet, Display. F. Hoke. 101,531; Oct. 13.  
 Cabinet, Electrotherapeutic apparatus. F. A. Anderson. 101,605; Oct. 20.  
 Cabinet, Equipment. R. M. Harper. 98,861; Mar. 10.  
 Cabinet, Etheric vibrator. H. E. and A. M. Crum. 99,157; Mar. 31.  
 Cabinet for a combination fireplace and dinette. B. D. Colen. 100,988; Aug. 25.  
 Cabinet for a domestic ironing machine. G. B. Keil. 98,072; Jan. 7.  
 Cabinet for a sewing machine. E. G. France. 100,157; June 23.



- Cabinet for amusement game apparatus. W. A. Tratsch. 101,801; Nov. 3.
- Cabinet for an air conditioning unit or similar article. A. P. Livar. 102,383; Dec. 15.
- Cabinet for automatic phonographs. S. H. Barclay. 100,681; Aug. 4.
- Cabinet for coin operated simulated race game. G. A. Gast. 99,746; May 19.
- Cabinet for diathermy apparatus. R. J. Lindquist. 99,874; June 2.
- Cabinet for hair waving machines. P. G. Gaire. 100,493; July 21.
- Cabinet for manicuring implements or similar article, Combined display and container. C. W. Gardiner. 102,424; Dec. 22.
- Cabinet for musical devices, Remote control apparatus. E. E. Collison and C. R. Kirk. 102,353; Dec. 15.
- Cabinet for phonographs or the like. H. G. Humphrey. 99,946; June 9.
- Cabinet, Greasing apparatus. C. W. Ginter. 98,310; Jan. 28.
- Cabinet, Hair drying. P. H. Ordin and J. B. Barney. 102,192; Dec. 1.
- Cabinet, Heater. D. F. Jones and M. F. Cotes. 101,279; Sept. 22.
- Cabinet, Ice cream machine. J. C. Williams. 101,602; Oct. 13.
- Cabinet, Illuminating. A. G. Falk. 98,758; Mar. 3.
- Cabinet, Illuminating radio. G. A. Stamm. 101,091; Sept. 1.
- Cabinet, Ironing machine. H. W. Altorfer. 102,539; Dec. 29.
- Cabinet, Kitchen. N. A. Tod. 102,529; Dec. 29.
- Cabinet, Kitchen utensil. H. M. Robinson. 101,822; Nov. 3.
- Cabinet, Make-up. J. J. O'Neill. 99,300; Apr. 14.
- Cabinet, Merchandise display. C. Fleischer. 99,275; Apr. 14.
- Cabinet, Multiple compartment dispensing. W. S. Corbin. 102,355; Dec. 15.
- Cabinet, Optical display. B. Chaney. 102,176; Dec. 1.
- Cabinet or similar article, Combination. L. E. Gilbert. 100,422; July 14.
- Cabinet or similar article, Lavatory. H. G. Coordes. 100,204-5; June 30.
- Cabinet or similar article, Radio. F. B. Seaborn. 101,142; Sept. 8.
- Cabinet or similar article, Refrigerator. J. M. Van Patter. 100,484; July 21.
- Cabinet, or the like, Dry cleaner. E. Davis. 100,546; July 28.
- Cabinet, Phonograph. P. M. Fuller. 99,277; Apr. 14.
- Cabinet, Phonograph. P. M. Fuller. 99,936; June 9.
- Cabinet, Phonograph. D. C. Rockola. 102,194; Dec. 1.
- Cabinet, Portable radio. J. R. Morgan. 100,501; July 21.
- Cabinet, Radio. R. L. Chipman, Jr. 99,388; Apr. 21.
- Cabinet, Radio. R. Himmel. 100,697; Aug. 4.
- Cabinet, Radio. B. S. Nash. 101,061-4; Sept. 1.
- Cabinet, Radio. B. S. Nash. 101,087; Sept. 1.
- Cabinet, Radio. L. C. Ruska. 100,832-5; Aug. 11.
- Cabinet, Radio. M. Weincord. 101,829; Nov. 3.
- Cabinet, Radio receiver. A. de Sakhnoffsky. 99,334; Apr. 14.
- Cabinet, Radio receiver. A. De Sakhnoffsky. 99,417; Apr. 21.
- Cabinet, Radio receiving. F. M. Breen. 101,980; Nov. 17.
- Cabinet, Refrigerator. C. A. Frick. 100,073; June 16.
- Cabinet, Refrigerator. P. M. Koons. 101,226; Sept. 15.
- Cabinet, Refrigerator. P. M. Koons. 101,228; Sept. 15.
- Cabinet, Refrigerator. R. E. Kruck. 98,331; Jan. 28.
- Cabinet, refrigerator, and sink, Combination kitchen. F. J. Osuch. 99,679; May 19.
- Cabinet, Storage. F. J. Osuch. 99,678; May 19.
- Cabinet, Storage. L. H. Scurlock. 99,607; May 12.
- Cabinet, Table radio. A. C. Heise and M. W. Jacobi. 102,021; Nov. 17.
- Cabinet, Towel dispensing. F. G. Steiner. 99,221-2; Apr. 7.
- Cabinet, Truck wardrobe. L. W. Skobel. 101,179; Sept. 8.
- Cabinet, Vending. E. R. Fuller. 99,276; Apr. 14.
- Cabinet, Wall. J. H. Jewett. 100,777; Aug. 11.
- Cabinet, Wall. R. W. Swanson. 98,097; Jan. 7.
- Cabinet, Water heater. E. H. Wilkinson. 98,559; Feb. 11.
- Cabinet, Water heater. E. H. Wilkinson. 98,631; Feb. 18.
- Cabinet, X-ray control. E. B. Graves. 100,944; Aug. 25.
- Cake server and tray therefor, Combined. G. W. Stallings and G. W. Walker. 102,510; Dec. 29.
- Calendar. H. Janssen. 99,240; Apr. 7.
- Calendar, Desk. C. N. Montanye. 102,571; Dec. 29.
- Calendar desk pad. W. B. Petzold. 98,779; Mar. 3.
- Camera. C. W. Crumrine. 99,672; May 19.
- Camera. J. Mihalvi. 100,961; Aug. 25.
- Camera. K. Nuchterlein. 99,297; Apr. 14.
- Camera. G. B. Scheibell. 98,369; Jan. 28.
- Camera. W. D. Teague. 100,882; Aug. 18.
- Camera. W. D. Teague and C. W. Crumrine. 99,906; June 2.
- Camera or similar article. O. W. Githens and G. Kende. 99,544; May 5.
- Camera or similar article. O. W. Githens, J. Norden, and E. G. Mannerberg. 99,124; Mar. 31.
- Camera, Pocket folding. C. P. Hornung and J. L. Bernstein. 100,563; July 28.
- Can. I. W. England. 102,161; Dec. 1.
- Can, Metal beer. C. E. McManus. 99,407; Apr. 21.
- Can opener. G. Lesti. 99,515; May 5.
- Can or similar container. S. A. Bennett. 101,728; Oct. 27.
- Can or similar container. S. E. Werner. 99,615; May 12.
- Can or similar container for beverages. R. J. Schaefer. 102,451; Dec. 22.
- Can, Powder dispensing. J. Glover. 100,494; July 21.
- Candelabrum. W. E. Mackelfresh, Jr. 100,870; Aug. 18.
- Candle. N. J. Baumer. 100,611; Aug. 4.
- Candle and support therefor, Combined electric. L. Pollock. 99,892; June 2.
- Candle holder. B. G. Newton. 102,141; Dec. 1.
- Candlelight or similar article. J. Zeitlin. 98,564-5; Feb. 11.
- Candlestick. W. F. Liska. 98,174; Jan. 14.
- Candlestick. W. F. Liska. 98,876; Mar. 10.
- Candlestick. M. L. Mason. 99,293; Apr. 14.
- Candlestick base or similar article. K. Auth. 99,179; Apr. 7.
- Candlestick lighting fixture. S. A. Baker. 101,204; Sept. 15.
- Candlestick or similar article. L. A. Goldsmith. 100,016; June 16.
- Candlestick or similar article. W. L. Orme. 99,448; Apr. 28.
- Candy figure. W. E. Cook. 102,126; Dec. 1.
- Canister. G. W. Stallings and G. W. Walker. 102,509; Dec. 29.
- Canopy, Grave. L. F. Lang. 100,567; July 28.
- Cap. J. S  n  gas. 100,740; Aug. 4.
- Cap and dropper for bottles, Combination screw. J. C. Windbiel. 101,575; Oct. 13.
- Cap and gauge housing, Combined filler. W. M. Mulcahy and G. E. Ford. 102,439; Dec. 22.
- Cap, Bathing. F. Brighten. 100,914; Aug. 18.
- Cap, Bathing. J. Jurie. 99,812; May 26.
- Cap, Bottle. G. A. Mengle and G. C. Noblit. 100,438; July 14.
- Cap, Closure. L. C. McAuliffe. 98,602; Feb. 18.
- Cap, Container. W. G. Crowther. 100,989; Aug. 25.
- Cap, Container. J. L. Howie, Jr. 99,327; Apr. 14.
- Cap, Container. S. Kessler. 101,048; Sept. 1.
- Cap, Container. G. Wilmet. 102,174; Dec. 1.
- Cap, Container. G. Wilmet. 102,462; Dec. 22.
- Cap for a cycle, Hub. H. L. Kraeft. 102,377; Dec. 15.
- Cap for bottles, jars, and the like. F. E. Higgins. 102,367-8; Dec. 15.
- Cap for collapsible tubes. R. S. Schenk. 100,583; July 28.
- Cap for electric light bulbs, Transparent. R. M. Bristol. 99,991; June 16.
- Cap or analogous closure for bottles. R. Capey. 98,230; Jan. 21.
- Cap or similar article, Bottle. J. R. Fleisch. 101,029; Sept. 1.
- Cap or similar article, Closure. J. R. Fleisch. 99,274; Apr. 14.
- Cap or similar article, Closure. J. R. Fleisch. 100,515; July 21.
- Cap or similar article, Closure. J. R. Fleisch. 101,623; Oct. 20.
- Cap or similar article, Closure. J. S. B. Smith. 98,626; Feb. 18.
- Cap or similar article, Radiator. W. J. Russell. 100,503; July 21.
- Cap, Sheet metal soap fastener. E. S. Blanchard. 98,209; Jan. 21.
- Cape or similar article. J. Stein. 99,378; Apr. 21.
- Car body, Rail. E. E. Adams, M. P. Blomberg, W. H. Mussey and W. B. Stout. 100,001-2; June 16.
- Car of a rail vehicle, Rear. E. J. W. Ragsdale. 102,600; Dec. 29.
- Car or similar article, Articulated rail. E. E. Adams, M. P. Blomberg, W. H. Mussey, and W. B. Stout. 100,000; June 16.
- Carburetor or similar article. A. O. Randall. 98,449; Feb. 4.
- Card, Advertising. J. F. Sanford. 101,313; Sept. 22.
- Card, Display. F. A. Sunderhauf. 98,786-7; Mar. 3.
- Card, Display. F. A. Sunderhauf. 99,143; Mar. 31.
- Card, Display. F. A. Sunderhauf. 99,223-4; Apr. 7.
- Card for dolls, Display. E. Bocchino. 100,913; Aug. 18.
- Card illuminating fixture. A. E. Blumenthal. 98,912; Mar. 17.
- Card, Playing. E. E. Friedman. 99,935; June 9.
- Card, Playing. R. J. Steinhilber. 101,072; Sept. 1.
- Cards, Deck of playing. J. S. Kelly. 102,556; Dec. 29.
- Carpet. M. S. Miller. 98,746; Feb. 25.
- Carpet underliner. A. L. Clements. 98,146; Jan. 14.
- Carriage, Baby. J. Michal. 99,664; May 12.
- Carriage, Doll or baby. C. Hedstrom, Jr. 100,775; Aug. 11.
- Carrier, Bicycle luggage. E. F. Pawsat. 101,968; Nov. 17.
- Carrier for bicycles or the like, Luggage. E. F. Pawsat. 101,967; Nov. 17.
- Carrier for parcels, Hand. D. S. Munn. 101,060; Sept. 1.
- Cart, Refreshment. W. Hoffmann. 99,804; May 26.
- Carton. B. H. Lengsfeld. 100,110; June 23.
- Carton. A. E. Macon and W. J. Weir. 99,645; May 12.
- Carton. M. Messing. 100,035; June 16.
- Carton and towel display, Combined. K. Wandel. 98,468; Feb. 4.
- Carton, Egg. S. L. Seltzer. 101,892; Nov. 10.



- Case and display holder, Combined article. T. Emerson. 100,689; Aug. 4.
- Case and lighter or the like, Combined cigarette. W. F. Bowen. 99,496; May 5.
- Case and smoker's receptacle or the like, Combined vanity. W. F. Bowen. 99,264; Apr. 14.
- Case, Atomizer. F. A. Vuilleminot. 101,657; Oct. 20.
- Case, Atomizer. F. A. Vuilleminot. 101,901; Nov. 10.
- Case, Atomizer. F. A. Vuilleminot. 101,904; Nov. 10.
- Case, Atomizer. F. A. Vuilleminot. 102,154-6; Dec. 1.
- Case, Atomizer. F. A. Vuilleminot. 102,198; Dec. 1.
- Case, Atomizer. F. A. Vuilleminot. 102,532; Dec. 29.
- Case, Boudoir. M. C. Meyer. 98,360; Jan. 28.
- Case, Brief. J. P. Wege. 100,237; June 30.
- Case, Clock. F. W. Green. 99,711; May 19.
- Case, Clock. M. Nosalius. 101,391; Sept. 29.
- Case, Clock. J. P. Rainbault. 101,285-7; Sept. 22.
- Case, Clock. M. Schlenker. 100,478; July 21.
- Case, Clock. M. Schlenker. 101,070; Sept. 1.
- Case, Clock. O. G. Williams. 101,722; Oct. 27.
- Case, Combined display and carrying. H. C. Bates. 99,987; June 16.
- Case, Compact. H. Bayar. 99,153; Mar. 31.
- Case, Display. C. R. Anderson. 100,452; July 14.
- Case, Display. L. E. McCoy. 102,284; Dec. 8.
- Case, Display. A. A. Rose. 101,402; Sept. 29.
- Case, Display. T. E. Wharton. 99,690; May 19.
- Case for a clock. D. B. Linville. 100,430; July 14.
- Case for a radio or the like. O. Ciccirelli. 100,488-9; July 21.
- Case for automobiles, Vanity. J. J. O'Neill. 99,413; Apr. 21.
- Case for calculating machines. W. W. Landsiedel. 98,123; Jan. 7.
- Case for radio receiving apparatus. W. A. Frantz. 101,668; Oct. 20.
- Case for stationery or similar article, Display. J. G. Allen. 100,253; July 7.
- Case, Instrument. H. B. Brown. 99,184; Apr. 7.
- Case, Instrument. H. B. Brown. 100,362; July 14.
- Case, Instrument. H. B. Brown. 101,208; Sept. 15.
- Case, Instrument. P. G. Clark. 99,267; Apr. 14.
- Case, Instrument. L. Guild. 99,279-81; Apr. 14.
- Case, Instrument. L. Guild. 100,425; July 14.
- Case, Instrument. L. Guild. 100,771; Aug. 11.
- Case, Instrument. H. Y. Norwood and H. S. Robbins. 102,000; Nov. 17.
- Case, Instrument. R. T. Pierce. 99,306; Apr. 14.
- Case, Jewelry display. L. Flier. 98,244; Jan. 21.
- Case, Jewelry display. L. Flier. 100,261; July 7.
- Case, Kitchen. O. Landaw. 99,717; May 19.
- Case, Lip stick. P. H. Ganz. 100,692; Aug. 4.
- Case, Piano. P. Van Dommelen. 101,802; Nov. 3.
- Case or similar article, Cigarette. M. C. Meyer. 98,604; Feb. 18.
- Case or similar article, Jewelry display. J. M. Shields. 100,742; Aug. 4.
- Case or similar article, School. H. Hassenfeld. 102,554; Dec. 29.
- Case or similar article, Show. R. H. Marr. 98,267; Jan. 21.
- Case or similar article, Vanity. T. Sundin. 100,398; July 14.
- Case or the like, Refrigerator. G. J. Hopkins. 102,274; Dec. 8.
- Case, Piano. W. M. Day. 98,499; Feb. 11.
- Case, Piano. W. M. Day. 99,158; Mar. 31.
- Case, Piano. W. M. Day. 100,548; July 28.
- Case, Piano. G. C. Kavanagh. 99,089; Mar. 24.
- Case, Piano. P. Van Dommelen. 99,689; May 19.
- Case, Piano. P. Van Dommelen. 99,739; May 19.
- Case, Storage battery. C. Reynolds, Jr. 99,552; May 5.
- Case, Storage battery. O. O. Rieser. 98,655; Feb. 13.
- Case, Storage battery. O. O. Rieser. 98,962; Mar. 17.
- Case, Storage battery. O. O. Rieser. 99,523; May 5.
- Case, Storage battery. O. O. Rieser. 99,606; May 12.
- Case, Storage battery. O. O. Rieser. 101,009; Aug. 25.
- Case, Storage battery. O. O. Rieser. 102,004-5; Nov. 17.
- Case, Vanity. L. A. Samstag. 101,472; Oct. 6.
- Casing and handle, Combined switch. C. W. Sundberg and M. Ferar. 100,509; July 21.
- Casing and license plate holder, Combined signal light. J. A. Chinsky. 99,657; May 12.
- Casing and wringer, Combination washing machine. G. B. Kell. 99,749; May 19.
- Casing, Automobile heater. J. R. Morgan. 101,239; Sept. 15.
- Casing, Beverage dispenser. O. M. Eash. 101,859; Nov. 10.
- Casing, Camera. W. D. Teague. 102,527; Dec. 29.
- Casing, Camera. O. Wittel. 99,063; Mar. 24.
- Casing, Central house heating apparatus. C. R. T. Hess. 99,943; June 9.
- Casing, Clock. M. Schlenker and J. A. Reinhardt. 102,531; Dec. 29.
- Casing, Directional signal. J. R. Haines. 99,797; May 26.
- Casing, Flashlight. C. D. Barrett. 101,929; Nov. 17.
- Casing, Flashlight. C. D. Barrett. 101,979; Nov. 17.
- Casing, Flashlight. B. P. Hyde. 102,108; Nov. 24.
- Casing, Flashlight. E. H. Tompkins. 99,316; Apr. 14.
- Casing, Flashlight. W. R. Westfall and D. L. Spender. 102,215; Dec. 1.
- Casing for a combined coupling unit transformer and radio antenna lead-in support. S. M. Wertheimer. 99,911; June 2.
- Casing for a perforating apparatus. E. G. Rix. 101,889; Nov. 10.
- Casing for a suction cleaner or similar article. H. Dreyfuss. 101,858; Nov. 10.
- Casing for a suction cleaner or similar article. H. Dreyfuss. 102,180; Dec. 1.
- Casing for a toaster or similar article. A. S. Knapp. 99,287; Apr. 14.
- Casing for a washing machine. H. J. Goldblatt. 102,365; Dec. 15.
- Casing for air conditioning apparatus. R. D. Lambert. 99,242; Apr. 7.
- Casing for air conditioning apparatus. E. V. Ludwig. 99,291; Apr. 14.
- Casing for an automobile-body heater or similar article. E. C. Booth. 101,849; Nov. 10.
- Casing for an ice breaking machine or similar article. J. J. Shively. 102,095; Nov. 24.
- Casing for an ice shaving machine. G. Beaudoux. 100,407; July 14.
- Casing for electric clippers or the like, Handle. J. A. Hanley. 100,472; July 21.
- Casing for flexible measuring rules. A. L. Stowell. 98,554; Feb. 11.
- Casing for flexible measuring rules. F. A. Volz. 98,098; Jan. 7.
- Casing for measuring and controlling instruments. C. B. Moore. 99,582; May 12.
- Casing for oil burner. M. R. Knox. 101,537; Oct. 13.
- Casing for power hack saw machines. D. E. Gommel. 100,347; July 7.
- Casing for thermostats or similar articles. L. S. Houghton. 99,758; May 19.
- Casing for typographical machine. H. Rosengren. 100,831; Aug. 11.
- Casing for vacuum cleaners. T. A. Schaad. 99,050-1; Mar. 24.
- Casing, Humidifier. F. Manning. 98,175-6; Jan. 14.
- Casing, Induction coil. P. Piffath. 102,001; Nov. 17.
- Casing or similar article of manufacture, Display. E. A. Shank. 98,966; Mar. 17.
- Casing, Parking meter. F. L. Michaels. 100,875; Aug. 18.
- Casing, Pneumatic tire. R. M. Reel. 99,605; May 12.
- Casing, Projector. E. C. Fritts and W. D. Teague. 99,675; May 19.
- Casing, Remote control selector. L. J. Andres. 101,576; Oct. 13.
- Casing, Sewing machine. J. P. Weis. 98,558; Feb. 11.
- Casing, Spraying apparatus. F. W. Ofeldt. 102,575-6; Dec. 29.
- Casing, stand, and capping device for a bottling machine, Combined. M. Harrison. 98,066; Jan. 7.
- Casing, Supplementary meter. M. A. Pixley and E. H. McCloud. 98,447; Feb. 4.
- Casing, Switch. C. W. Sundberg and M. Ferar. 99,611; May 12.
- Casing, Tire. C. W. Yelm. 100,591; July 28.
- Casing, Traffic signal. C. H. Bissell. 98,995; Mar. 24.
- Casing, Traffic signal. J. W. Gosling. 99,488; Apr. 28.
- Casing, Vacuum cleaner. N. Bel Geddes. 98,824; Mar. 10.
- Casing, Vacuum cleaner. J. R. Morgan. 101,789; Nov. 3.
- Casing, Vacuum cleaner. M. S. Park. 99,723; May 19.
- Casing, Vacuum cleaner. W. C. Reed. 102,310; Dec. 8.
- Casing, Vacuum cleaner cover. D. H. Dow and F. H. Burmeister. 101,855; Nov. 10.
- Cash register. M. Garbell. 99,745; May 19.
- Casket. H. S. Scholl. 99,730; May 19.
- Casket bier or similar article. H. P. Bomgardner. 101,731; Oct. 27.
- Casket, Burial. J. R. Goggins. 100,265; July 7.
- Casket or analogous article. R. Larson. 101,643; Oct. 20.
- Casserole. B. Moser-Benedikt. 98,606; Feb. 18.
- Cassette, Dental X-ray film. F. F. Renwick. 100,389; July 14.
- Caster. W. F. Herold. 99,912; June 2.
- Caster. W. F. Herold. 101,871; Nov. 10.
- Caster. E. Kaiser. 102,484; Dec. 22.
- Ceiling, Metal. F. M. Vogan. 100,138; June 23.
- Chain, Bracelet. E. Prestinari. 99,467; Apr. 28.
- Chains, Connecting link for. F. P. Miller. 99,881; June 2.
- Chair. W. H. Bond, Jr. 99,341; Apr. 21.
- Chair. W. H. Bond, Jr. 99,592-3; May 12.
- Chair. W. H. Bond, Jr. 100,537; July 28.
- Chair. W. G. Carlson. 100,540; July 28.
- Chair. W. Hoffmann. 102,030; Nov. 24.
- Chair. E. B. Morgan. 101,743; Oct. 27.
- Chair. P. B. Posser and G. H. White. 98,889; Mar. 10.
- Chair. D. Powell. 99,725; May 19.
- Chair. D. Powell. 99,728; May 19.
- Chair. M. C. Pumphrey. 98,545; Feb. 11.
- Chair. I. Salomon. 101,404; Sept. 29.
- Chair. M. B. Smith. 99,557; May 5.
- Chair. W. F. Spencer, 3d. 99,530; May 5.
- Chair. G. Stoddard. 101,895; Nov. 10.
- Chair. L. Vavrik. 101,567; Oct. 13.
- Chair. A. S. Wexelblatt. 102,044-6; Nov. 24.
- Chair. A. S. Wexelblatt. 102,099; Nov. 24.
- Chair. R. H. Ziem. 99,980; June 9.
- Chair, Adjustable. R. Wright. 98,637; Feb. 18.
- Chair and table, Combined. L. Larsen. 101,639; Oct. 20.



- Chair arm. W. L. Gittings. 99,862; June 2.  
 Chair, Deck. J. R. Morgan. 100,222; June 30.  
 Chair frame. H. J. Terker. 98,698-9; Feb. 25.  
 Chair frame or similar article. C. F. Rauch. 100,041; June 16.  
 Chair frame, Rocker. L. Vavrik. 101,569; Oct. 13.  
 Chair, Invalid. M. E. Roe and W. H. Adams. 100,248; June 30.  
 Chair, Lounge. W. Hoffmann. 98,517-8; Feb. 11.  
 Chair, Lounge. M. B. Smith. 101,976; Nov. 17.  
 Chair or similar article. E. A. Johnson and J. D. W. McBride. 99,398; Apr. 21.  
 Chair or similar article. L. Larsen. 101,640-2; Oct. 20.  
 Chair or similar article. H. J. Terker. 100,181-2; June 23.  
 Chair or similar article. N. Tyrrell. 101,565-6; Oct. 13.  
 Chair or similar article, Nursery rocking. D. W. Lynch. 99,578; May 12.  
 Chair, Outdoor. J. R. Morgan. 99,957; June 9.  
 Chair, Rocking. W. Hoffmann. 101,632; Oct. 20.  
 Chair, Swivel. W. Hoffmann. 99,802; May 26.  
 Chair, Swivel. D. Powell. 99,727; May 19.  
 Chair, Vehicle. R. W. Naegele. 102,090; Nov. 24.  
 Chandelier. H. Friedenwald. 98,856; Mar. 10.  
 Charging and testing apparatus and stock stand, Combined. J. C. Thomas. 99,315; Apr. 14.  
 Charm, Key. J. A. Murray. 102,441; Dec. 22.  
 Charm or similar article of jewelry. F. B. Vollman. 102,597; Dec. 29.  
 Chart, Astrological. W. P. Goshorn. 102,135; Dec. 1.  
 Chest. L. Jiranek. 101,222; Sept. 15.  
 Chest. P. B. Posser and G. H. White. 98,887-8; Mar. 10.  
 Chest, Magazine. S. Laikind. 99,088; Mar. 24.  
 Chest of drawers. R. Wright. 98,636; Feb. 18.  
 Chest or similar article. G. Krick. 101,781; Nov. 3.  
 Chest or similar article. M. C. Pumphrey. 98,366; Jan. 28.  
 Child's stocking. H. Mange. 99,579; May 12.  
 Chime or similar article. G. L. Bossard. 101,101; Sept. 8.  
 Chime, Signal. E. Matousek. 102,168; Dec. 1.  
 Chocolate bar. C. H. Gager. 98,858; Mar. 10.  
 Chopper, Food. R. W. Griswold. 98,313; Jan. 28.  
 Chopper or similar article, Electric food. H. M. A. Strauss. 101,896; Nov. 10.  
 Christmas tree, Artificial illuminated. N. Mattiucci. 100,735; Aug. 4.  
 Christmas tree, Imitation. H. Siemund. 99,833; May 26.  
 Chronometer and recording desk pad stand, Combined telephone. J. J. McCoy. 102,468; Dec. 22.  
 Cigar piercer. H. G. Davis. 101,578; Oct. 13.  
 Cigarette holder and ash receiver, Combined. W. B. Ulmer. 98,465; Feb. 4.  
 Clamp. J. J. O'Neill. 101,393; Sept. 29.  
 Cleaner, Liquid. L. J. Kurtz. 101,784; Nov. 3.  
 Cleaner, Vacuum. D. M. Dow and F. H. Burmeister. 101,856; Nov. 10.  
 Cleaner, Vacuum. L. H. Latta. 101,877; Nov. 10.  
 Cleansing appliance or similar article. E. C. Lewis. 100,569; July 28.  
 Clip for a fountain pen or the like. A. Bienenstein. 99,262; Apr. 14.  
 Clip, Fountain pen and pencil. D. Kahn. 98,255; Jan. 21.  
 Clip, Fountain pen and pencil. D. Kahn. 101,042; Sept. 1.  
 Clip or similar article, Pencil. J. P. Lynn. 101,130; Sept. 8.  
 Clock. L. Cirelli. 98,754; Mar. 3.  
 Clock. N. G. Horwitt. 98,769; Mar. 3.  
 Clock. P. F. Jacobs. 100,776; Aug. 11.  
 Clock. O. K. Mitchell. 100,827; Aug. 11.  
 Clock. A. S. Rittenberg. 98,089; Jan. 7.  
 Clock. P. S. Van Bloem. 102,513-15; Dec. 29.  
 Clock and calendar, Combination. J. C. Morris. 102,573; Dec. 29.  
 Clock, Combination traveling and desk. M. Schlenker. 100,297; July 7.  
 Clock dial or similar article. A. Elkonin. 98,424; Feb. 4.  
 Clock dial or similar article. L. Ribera. 99,587-8; May 12.  
 Clock face, weather and temperature indicator, Combined. M. M. Pochapin. 102,289; Dec. 8.  
 Clock, Globe pendulum. B. Braude. 99,999; June 16.  
 Clock, hygrometer, and thermometer, Combined. G. C. Kuehn. 99,090; Mar. 24.  
 Clock or similar article. M. Worms. 100,403; July 14.  
 Clock, Radio light. M. M. Thompson, Sr. 101,925; Nov. 10.  
 Closure cap or similar article. J. R. Fleisch. 98,717; Feb. 25.  
 Closure cap or similar article. J. R. Fleisch. 98,926; Mar. 17.  
 Closure, Container. H. P. Brewer. 100,936; Aug. 25.  
 Closure, Container. J. W. Perry. 100,387; July 14.  
 Closure for a bottle or the like. M. M. Kistner. 99,913; June 2.  
 Closure for collapsible tubes or the like. M. Sahyun. 99,966; June 9.  
 Closure member and frame for a lady's handbag, Combined. G. Chaumet. 100,849; Aug. 18.  
 Coaster. H. L. Kraeft. 99,479; Apr. 28.  
 Coaster. M. Leff. 98,262; Jan. 21.  
 Coat. M. E. Davis. 98,239; Jan. 21.  
 Coat. M. E. Davis. 101,423; Sept. 29.  
 Coat. J. N. Feuer. 98,242; Jan. 21.  
 Coat. E. Grossman. 98,592; Feb. 18.  
 Coat. M. Hiller. 100,104; June 23.  
 Coat. M. Hirsh. 99,392; Apr. 21.  
 Coat. M. Hirsh. 100,820; Aug. 11.  
 Coat. M. Kolmer. 98,258; Jan. 21.  
 Coat. J. Leiterman. 98,264; Jan. 21.  
 Coat. J. Leiterman. 98,809; Mar. 3.  
 Coat. J. Leiterman. 99,335; Apr. 14.  
 Coat. J. Leiterman. 99,815; May 26.  
 Coat. S. Lipman. 100,076; June 16.  
 Coat. S. Lipman. 100,825; Aug. 11.  
 Coat. M. Metzger. 101,385-6; Sept. 29.  
 Coat. M. Metzger. 101,672; Oct. 20.  
 Coat. M. Moshansky. 101,676; Oct. 20.  
 Coat. S. Sandhaus. 102,094; Nov. 24.  
 Coat. L. Schneider. 99,140; Mar. 31.  
 Coat. L. Schneider. 101,891; Nov. 10.  
 Coat. C. Siegeman. 100,051; June 16.  
 Coat. J. A. Silverman. 102,519-21; Dec. 29.  
 Coat. A. Sisselman. 98,404-5; Jan. 28.  
 Coat. A. Sisselman. 98,815; Mar. 3.  
 Coat. I. Yellin. 101,097-8; Sept. 1.  
 Coat. H. Zuckerman. 101,911-15; Nov. 10.  
 Coat and hood garment, Combination. E. E. Marshall. 100,826; Aug. 11.  
 Coat, Child's. H. Block. 98,996; Mar. 24.  
 Coat, Child's. H. Block. 101,324; Sept. 29.  
 Coat, House. H. Lobel. 98,478; Feb. 4.  
 Coat, Lady's. L. Schneider. 101,186; Sept. 8.  
 Coat or similar article. G. A. Brunell. 100,071; June 16.  
 Coat or similar article. A. Dufine. 99,272; Apr. 14.  
 Coat or similar article. S. Rosenblatt. 101,683; Oct. 20.  
 Cock, Drain. W. T. Bentley. 101,517; Oct. 13.  
 Cockade. J. F. McNally. 101,546; Oct. 13.  
 Coffee maker. S. W. Farber. 100,321; July 7.  
 Coffee maker. S. W. Farber. 100,533-4; July 28.  
 Coffee maker or similar article, Drip. D. Geeraert. 100,445; July 14.  
 Coffee mill. R. L. Schuhmann. 98,965; Mar. 17.  
 Coin, Lucky campaign. E. A. Halsey. 99,918; June 2.  
 Collar, Lady's. N. Applebaum and S. Shron. 99,849; June 2.  
 Comb. J. D. Dean. 99,271; Apr. 14.  
 Comb. J. J. Kohlmeier. 98,257; Jan. 21.  
 Comb, fingernail file, and nail cleaner, Combination. T. H. Riley. 101,400; Sept. 29.  
 Comfortable. J. Goodstein. 99,351; Apr. 21.  
 Comfortable. J. Goodstein. 102,227; Dec. 1.  
 Commode and musical instrument cabinet, Combination. I. Ročić. 101,089; Sept. 1.  
 Compact. O. R. Sebastian. 101,560; Oct. 13.  
 Compact or similar article. C. A. Dunn. 101,164; Sept. 8.  
 Compass or the like, Beam. W. Moses. 102,387; Dec. 15.  
 Compressor, Portable. W. W. Paget. 99,042; Mar. 24.  
 Condenser, Electrical. H. Beyer. 99,850; June 2.  
 Condenser, Electrostatic. H. M. Peters. 101,687; Oct. 20.  
 Confection, Molded. C. Spoehr. 100,300; July 7.  
 Confection or similar article. J. Mehl. 98,776; Mar. 3.  
 Confectionery product. N. M. Thomas. 99,651; May 12.  
 Connector body, Electrical. C. E. Gilbert. 99,787; May 26.  
 Console, Organ. W. M. Day. 101,941; Nov. 17.  
 Console, Organ. G. H. Stephens. 100,301; July 7.  
 Container. F. C. Chase. 99,430; Apr. 28.  
 Container. G. Wilmet. 102,016; Nov. 17.  
 Container and brush, Combined. T. Sundin. 99,144; Mar. 31.  
 Container and clamp, Combination pencil. C. W. Beardsley. 99,428; Apr. 28.  
 Container and pyrophoric lighter, Combined cigarette. F. A. Whitaker. 99,100; Mar. 24.  
 Container and serving tray, Combined beverage. H. Lehman. 101,542; Oct. 13.  
 Container and sickroom set, Combined Catholic crucifix. J. C. Mooney. 101,503; Oct. 6.  
 Container and support therefor, Combined cigarette. R. N. Kircher. 101,464; Oct. 6.  
 Container and tray, Combined match. G. Chapman. 99,185; Apr. 7.  
 Container, Battery. O. O. Rieser. 102,302; Dec. 8.  
 Container, Beverage. M. A. Sterling. 99,531; May 5.  
 Container closure. J. W. Perry. 99,095-7; Mar. 24.  
 Container cluster and support therefor, Combined liquor. C. Raetsch. 102,003; Nov. 17.  
 Container, Coin. D. Babcock. 99,693; May 19.  
 Container, Collapsible tube. S. de Vaulchier. 99,424; Apr. 21.  
 Container, Cosmetic. L. A. Perona. 98,612; Feb. 18.  
 Container cup and sleeve for electrical vaporizer, Combined. J. Robinson. 99,729; May 19.  
 Container, Dusting powder. F. N. Lewis. 98,951; Mar. 17.  
 Container, Dusting powder. B. Saban. 100,795; Aug. 11.  
 Container, Food. L. H. Scurlock. 99,682; May 19.  
 Container for flowers. P. W. Smith. 98,406; Jan. 28.  
 Container for jewelry or similar articles, Display. J. Guttman. 99,545; May 5.  
 Container, Handkerchief. E. P. Goldsmith. 101,415; Sept. 29.  
 Container hood. F. McIntosh. 101,235; Sept. 15.  
 Container or similar article, Cigarette. W. B. Payne. 99,961; June 9.  
 Container or similar article, Combination compartment. E. B. Strickler. 101,014; Aug. 25.



- Container or similar article, Display. J. C. O. Ritzenthaler. 102,006; Nov. 17.
- Container or similar article, Glass cigarette. T. C. Helsey. 99,085; Mar. 24.
- Container or similar article, Glass food. L. H. Scurlock. 100,126; June 23.
- Container or similar article, Sirup dispensing. E. Worthington. 101,724; Oct. 27.
- Container or the like, Insulated. J. R. Morgan. 99,094; Mar. 24.
- Container or the like, Liquid dispensing. G. J. Lalinsky. 101,876; Nov. 10.
- Container, Plant. L. H. Elmer. 98,665; Feb. 25.
- Container, Powder and perfume. R. Baxter. 100,594; July 28.
- Container, Reservoir. H. K. Mulford. 101,135; Sept. 8.
- Container, Storage battery. J. G. Monnin. 99,856-7; June 2.
- Container, Storage battery. J. G. Monnin. 100,219; June 30.
- Container, Toilet accessory. E. M. Stone. 100,588; July 28.
- Container, Toilet powder. G. Taieb. 98,741; Feb. 25.
- Container unit, Food. L. H. Scurlock. 99,608; May 12.
- Container, Watch. E. J. Lux. 100,869; Aug. 18.
- Cooker, Pressure. C. Nelson. 99,583-4; May 12.
- Cooker, Table. O. M. Anderson. 99,668; May 19.
- Cookie. G. W. Burry. 101,614-6; Oct. 20.
- Cookie. G. W. Burry. 102,254; Dec. 8.
- Cooler, Bottle. R. Mattick. 99,133; Mar. 31.
- Corsage handkerchief and perfume container, Combination. C. J. Romer. 101,923; Nov. 10.
- Costumer. N. D. Hayes. 99,863; June 2.
- Counter, Combined sales and display. F. L. Pollard. 98,613; Feb. 18.
- Counter, Service bar back. G. W. Behrel and H. Tyson. 101,689; Oct. 27.
- Counter unit, Lunch. H. and F. Stark. 98,628; Feb. 18.
- Cover, Can. A. L. Forsberg. 101,166; Sept. 8.
- Cover for a cigarette case or similar article. H. H. Harris. 101,583; Oct. 13.
- Cover for a cooking pan or the like. J. W. Fay. 100,992-3; Aug. 25.
- Cover for shingle bundle. H. W. Holland. 102,555; Dec. 29.
- Cover for spare wheels and tires of automotive vehicles. O. U. Zerk. 98,902; Mar. 10.
- Cover for spare wheels and tires of automotive vehicles, or similar article. G. A. Lyon. 102,211; Dec. 1.
- Cover, Hot water bottle. W. H. May. 99,445; Apr. 28.
- Cover, Kettle. A. W. Nelson. 102,574; Dec. 29.
- Cover, Match. R. Goodman and C. Nabelle. 99,506; May 5.
- Cover, Match book. P. K. Wrigley. 100,809; Aug. 11.
- Cover, Piano accordion treble mechanism. M. H. Berlin. 100,980; Aug. 25.
- Cover, Radiator. N. Glassberg. 101,669; Oct. 20.
- Cover, Running board. C. W. Beardsley. 100,682; Aug. 4.
- Covering for cleanser cans and soap flake boxes, Decorative waterproof. B. G. Klein. 99,549; May 5.
- Covering or similar article, Table. C. Emmey. 99,767; May 19.
- Crate, Bottle. E. Worthington. 98,200; Jan. 14.
- Crib, Baby's. E. S. Swazey. 98,697; Feb. 25.
- Crucifix. M. D. Waterman. 99,909; June 2.
- Crucifix, Illuminated. J. F. Connolly. 99,269; Apr. 14.
- Crucifix, Illuminated. E. King. 98,256; Jan. 21.
- Crucifix or the like. T. Freske. 102,270; Dec. 8.
- Crystal or similar article. P. Cohn. 99,568; May 12.
- Crystal or similar article. P. Cohn. 99,779; May 26.
- Cuff link. V. T. Howard. 99,507; May 5.
- Cup. R. G. Cowan. 100,850; Aug. 18.
- Cup. R. G. Cowan. 100,852; Aug. 18.
- Cup. R. G. Cowan. 101,619-20; Oct. 20.
- Cup. B. D. Fuerst. 101,865; Nov. 10.
- Cup. B. Moser-Benedikt. 98,607; Feb. 18.
- Cup or similar article. J. G. Allen. 100,190; June 30.
- Cup or similar article. S. Katchamakoff. 99,759; May 19.
- Cup or similar article. B. Kogan. 101,958; Nov. 17.
- Cup or similar article. S. E. Thompson. 102,458; Dec. 22.
- Cup, Paper. V. Heidrich. 98,323; Jan. 28.
- Cup, Trophy. G. C. De Hart. 98,240; Jan. 21.
- Cup, Trophy. G. C. De Hart. 98,418; Feb. 4.
- Curtain. F. Gentner. 100,449; July 14.
- Curtain. J. Steinberg. 100,533; July 21.
- Curtain. J. Steinberg. 101,013; Aug. 25.
- Curtain ensemble. L. Gordon. 101,185; Sept. 8.
- Curtain, Lace. H. Geller. 101,353; Sept. 29.
- Curtain or similar article. G. F. Erhard. 98,921; Mar. 17.
- Curtain or similar article. G. F. Erhard. 99,006; Mar. 24.
- Curtain, Storm. L. C. Newland. 100,715; Aug. 4.
- Curtain, Valanced window. S. S. Gutlon. 98,860; Mar. 10.
- Cuspidor and tumbler holder, Combined pedestal. O. H. and A. F. Pieper. 99,305; Apr. 14.
- Cutter, Pastry. A. M. Hoffman. 101,584; Oct. 13.
- Cutter, Table. A. C. Dobrick. 99,190; Apr. 7.
- Cycle truss rod unit. H. L. Krafft. 102,380; Dec. 15.
- Dairy product cutting machine. C. Doering. 100,687; Aug. 4.
- Deck of playing cards. R. Busch. 98,850; Mar. 10.
- Deflector for infant's toilet seats. M. Sacheroff. 102,573; Dec. 29.
- Dental floss magazine. C. E. Orrison. 98,734; Feb. 25.
- Dental unit. O. H. and A. F. Pieper. 98,959; Mar. 17.
- Desk. H. E. De Vries. 100,664; Aug. 4.
- Desk. R. C. Hamilton and B. H. Talbert. 99,391; Apr. 21.
- Desk. B. H. Talbert. 99,564; May 5.
- Desk or similar article. J. R. Bate. 101,848; Nov. 10.
- Desk or similar article. J. R. Jones. 100,349; July 7.
- Desk or similar article. J. R. Jones. 102,052-4; Nov. 24.
- Desk unit, Combination. A. S. Brand and D. J. La France. 98,913; Mar. 17.
- Desk unit, Combination. A. S. Brand and D. J. La France. 101,268; Sept. 22.
- Desk unit, Combination. F. H. Fisher. 99,932-3; June 9.
- Desk unit, Fountain pen holder. D. Williams. 101,910; Nov. 10.
- Developing unit for X-ray photographs, Refrigerated. A. W. Buck. 101,765; Nov. 3.
- Dial and hands for a clock or similar article, Combined. A. Elkonin. 100,761; Aug. 11.
- Dial and hands for a clock or similar article, Combined. L. Moro. 102,089; Nov. 24.
- Dial, Clock. A. M. Duffy. 99,432; Apr. 28.
- Dial for radio receivers, Tuning. J. R. Morgan. 101,482; Oct. 6.
- Dial, hands, weather and temperature indicator, Combination clock. O. G. Williams. 101,723; Oct. 27.
- Dial or similar article. J. M. Astin. 101,021; Sept. 1.
- Dilator or similar article. A. Greth. 99,747; May 19.
- Dipper, Cream. C. S. McCarthy. 99,167; Mar. 31.
- Dish. L. Guild. 98,321; Jan. 28.
- Dish. S. A. Scaman. 99,827; May 26.
- Dish, Butter. N. M. Brockmeyer. 98,473; Feb. 4.
- Dish, Butter. A. Lowenfels. 99,516; May 5.
- Dish, Butter. A. Lowenfels. 100,570; July 28.
- Dish, Combination food-serving. B. F. Taylor. 101,898; Nov. 10.
- Dish or similar article. H. O. Ebeling. 101,861; Nov. 10.
- Dish or similar article. A. Krauthelm. 99,033; Mar. 24.
- Dish or similar article. M. Straus. 99,533; May 5.
- Dish or similar article. M. Straus. 99,558; May 5.
- Dish or similar article, Combined baking and serving. M. A. Smith. 99,555; May 5.
- Dish, Soap. J. F. Levy. 99,481; Apr. 28.
- Dispenser, Commodity. R. L. Richardson. 100,042; June 16.
- Dispenser, Liquid. S. J. Jacobs. 99,509; May 5.
- Dispenser or the like, Napkin. B. T. Hoffmaster. 100,105; June 23.
- Dispenser, Tomato juice. W. F. Barnhart. 102,408; Dec. 22.
- Dispensing device. E. B. Nichols. 98,733; Feb. 25.
- Dispensing device, Beverage. E. Worthington. 98,974; Mar. 17.
- Display device. C. W. Ball. 99,180; Apr. 7.
- Display figure of balls of darning cotton, spooled thread, and the like. A. B. Collingbourne. 101,748-9; Oct. 27.
- Display figure of spools of sewing silk and the like. A. B. Collingbourne. 101,750; Oct. 27.
- Display figure or analogous article. E. Krummeck. 100,075; June 16.
- Doily. K. C. Hamilton. 98,456; Feb. 4.
- Doily. K. C. Hamilton. 98,513; Feb. 11.
- Doily. E. Karfiol. 99,285; Apr. 14.
- Doily or similar article. E. Karfiol. 102,485; Dec. 22.
- Doll. M. E. Burtnett and M. J. Piccinelli. 100,363; July 14.
- Doll. F. L. McCulloch. 98,731; Feb. 25.
- Doll. G. A. Newman. 99,208; Apr. 7.
- Doll. G. Wanderman. 102,533; Dec. 29.
- Doll baby novelty. A. L. Gabe. 98,062; Jan. 7.
- Doll or similar article. E. Shannahan. 99,468; Apr. 28.
- Doll or similar article. E. Shannahan. 100,801; Aug. 11.
- Doll or similar article. M. Standish. 99,220; Apr. 7.
- Doll, Toy. G. Wanderman. 102,534-5; Dec. 29.
- Door for a heater. L. O. Morin, Jr. 100,713; Aug. 4.
- Door handle or analogous article. F. C. Ruppel. 99,309-10; Apr. 14.
- Doughnut machine. J. J. Morris. 100,176; June 23.
- Drain. D. S. Williams. 101,978; Nov. 17.
- Drape or similar article, Window. M. Sadinoff. 99,965; June 9.
- Drapery or analogous article, Window. G. W. Kirsch. 101,224; Sept. 15.
- Drawer pull. W. A. Anderson. 102,319; Dec. 15.
- Drawer pull. E. L. Knapp, W. W. Peterson, and L. M. Dexter. 100,698; Aug. 4.
- Drawer pull. R. H. Martin. 98,439-42; Feb. 4.
- Drawer pull. R. H. Martin. 100,218; June 30.
- Drawer pull. R. H. Martin. 101,964-5; Nov. 17.
- Drawer pull. R. H. Martin. 102,568; Dec. 29.
- Drawer pull. G. H. Murrin. 102,288; Dec. 8.
- Drawer pull. F. W. McCormick and F. C. Ruppel. 100,111; June 23.
- Drawer pull. A. N. Nyquist. 102,333-4; Dec. 15.
- Drawer pull. J. Weber. 101,658; Oct. 20.
- Drawer pull or similar article. W. A. Anderson. 102,318; Dec. 15.
- Drawer pull or similar article. F. K. Hess. 99,022; Mar. 24.
- Drawer pull or similar article. K. Rettich. 98,693-4; Feb. 25.



- Drawer pull or similar article. K. Rettich. 99,046; Mar. 24.
- Drawer pull or similar article. O. E. Uhlmann. 99,317; Apr. 14.
- Drawer pull or similar article. O. E. Uhlmann. 99,907; June 2.
- Dress. C. Baum. 98,415; Feb. 4.
- Dress. L. Baum. 102,492; Dec. 22.
- Dress. I. C. Bosco. 101,667; Oct. 20.
- Dress. E. Casabona. 98,999; Mar. 24.
- Dress. T. Coleman. 102,548-9; Dec. 29.
- Dress. S. Epstein. 101,201; Sept. 8.
- Dress. M. Extract. 100,813; Aug. 11.
- Dress. M. Freed. 99,123; Mar. 31.
- Dress. A. Greenspan. 98,161; Jan. 14.
- Dress. A. Greenspan. 98,766; Mar. 3.
- Dress. E. Hannah. 101,169; Sept. 8.
- Dress. E. Hannah. 101,219; Sept. 15.
- Dress. P. Heit. 99,974; June 9.
- Dress. R. Hubert. 98,114; Jan. 7.
- Dress. K. Jellinek. 99,176; Mar. 31.
- Dress. K. Jellinek. 99,283; Apr. 14.
- Dress. D. Kell. 101,001-2; Aug. 25.
- Dress. I. Kranz. 101,095; Sept. 1.
- Dress. I. Kranz. 101,229; Sept. 15.
- Dress. I. Kranz. 101,497; Oct. 6.
- Dress. A. Markowitz. 98,728; Feb. 25.
- Dress. A. Markowitz. 99,039; Mar. 24.
- Dress. D. M. Mayehoff. 98,538; Feb. 11.
- Dress. V. Mayer. 98,904; Mar. 10.
- Dress. M. Mullen. 98,287; Jan. 21.
- Dress. M. Mullen. 98,882-3; Mar. 10.
- Dress. M. Mullen. 99,135; Mar. 31.
- Dress. M. Mullen. 99,207; Apr. 7.
- Dress. M. Mullen. 99,914-5; June 2.
- Dress. M. Mullen. 100,079; June 16.
- Dress. M. Mullen. 100,224; June 30.
- Dress. M. Mullen. 101,678; Oct. 20.
- Dress. M. Mullen. 101,757; Oct. 27.
- Dress. M. Porpora. 98,736; Feb. 25.
- Dress. M. Porpora. 101,679; Oct. 20.
- Dress. M. Porpora. 101,790; Nov. 3.
- Dress. D. W. Price. 98,364; Jan. 28.
- Dress. D. W. Price. 98,400-1; Jan. 28.
- Dress. D. W. Price. 98,544; Feb. 11.
- Dress. D. W. Price. 101,424; Sept. 29.
- Dress. D. W. Price. 101,515; Oct. 6.
- Dress. D. W. Price. 101,552-4; Oct. 13.
- Dress. D. W. Price. 102,394; Dec. 15.
- Dress. D. W. Price. 102,503-6; Dec. 22.
- Dress. D. W. Price. 102,577; Dec. 29.
- Dress. I. Rentner. 101,680; Oct. 20.
- Dress. M. Richter. 101,096; Sept. 1.
- Dress. M. Richter. 101,398; Sept. 29.
- Dress. G. Rosenberg. 101,681-2; Oct. 20.
- Dress. D. Rosenthal. 101,426-30; Sept. 29.
- Dress. D. Rosenthal. 101,516; Oct. 6.
- Dress. D. Rosenthal. 101,600-1; Oct. 13.
- Dress. D. Rosenthal. 101,793; Nov. 3.
- Dress. W. G. Steinman. 101,509; Oct. 6.
- Dress. W. G. Steinman. 102,010; Nov. 17.
- Dress. A. Stillman. 101,315; Sept. 22.
- Dress. J. Vella. 101,803; Nov. 3.
- Dress. W. S. Woolfe. 98,412; Jan. 28.
- Dress. M. Zahn. 98,413; Jan. 28.
- Dress. M. Zahn. 98,975; Mar. 17.
- Dress. S. Zahn. 101,513; Oct. 6.
- Dress and waist or similar article, Combination. L. Mussio. 98,955; Mar. 17.
- Dress display case. A. M. Knopf. 98,075; Jan. 7.
- Dress, Ensemble. J. Anderman. 100,912; Aug. 18.
- Dress, Ensemble. S. I. Brandt. 101,851; Nov. 10.
- Dress, Ensemble. A. Dallanegra. 98,797; Mar. 3.
- Dress, Ensemble. A. Dallanegra. 98,854; Mar. 10.
- Dress, Ensemble. S. Epstein. 99,119; Mar. 31.
- Dress, Ensemble. S. Epstein. 101,252; Sept. 15.
- Dress, Ensemble. A. Greenspan. 98,719; Feb. 25.
- Dress, Ensemble. P. Heit. 100,819; Aug. 11.
- Dress, Ensemble. W. Karp. 98,597; Feb. 13.
- Dress, Ensemble. I. Kranz. 101,003; Aug. 25.
- Dress ensemble. M. Mullen. 101,677; Oct. 20.
- Dress, Ensemble. E. Schwartz. 98,117-18; Jan. 7.
- Dress, Ensemble. E. Schwartz. 98,277; Jan. 21.
- Dress ensemble. W. G. Steinman. 101,894; Nov. 10.
- Dress, Knitted. L. Sternberg. 100,354; July 7.
- Dress or similar article. C. Block. 98,492; Feb. 11.
- Dress or similar article. F. Carroll. 101,187-91; Sept. 8.
- Dress or similar article. F. Carroll. 101,248-9; Sept. 15.
- Dress or similar article. F. Carroll. 101,298; Sept. 22.
- Dress or similar article. F. Carroll. 101,326-8; Sept. 29.
- Dress or similar article. A. Cohen. 100,889-900; Aug. 18.
- Dress or similar article. A. Cohen. 100,986; Aug. 25.
- Dress or similar article. A. Cohen. 101,163; Sept. 8.
- Dress or similar article. A. Cohen. 101,192-200; Sept. 8.
- Dress or similar article. A. Cohen. 101,299; Sept. 22.
- Dresser cabinet and bureau or the like, Combined. I. H. Stern. 98,484; Feb. 4.
- Dresser or similar article. M. C. Pumphrey. 98,367; Jan. 28.
- Drier, Centrifugal. A. C. Schmelzer. 100,584; July 28.
- Drier, Hair. W. L. Martin. 101,468; Oct. 6.
- Drier, Hair. E. E. Norquist. 99,296; Apr. 14.
- Dry cleaning machine, or the like. E. Davis. 100,547; July 28.
- Drinking-vessel. L. A. Leppke. 99,624-6; May 12.
- Dropper, Perfume. F. A. Vuilleminot. 101,805; Nov. 3.
- Drum. H. E. Lira. 100,734; Aug. 4.
- Duplicating machine. H. J. Reardon. 101,505; Oct. 6.
- Ear drum protector. N. P. Steckler. 98,095; Jan. 7.
- Earth moving device. E. W. Austin. 101,846; Nov. 10.
- Elastic fabric. O. E. Huber. 98,723-4; Feb. 25.
- Elastic fabric. C. D. Maurer. 98,479-83; Feb. 4.
- Elastic fabric. C. D. Maurer. 98,729; Feb. 25.
- Elastic fabric. A. K. Strupp. 98,740; Feb. 25.
- Electric fixture. R. G. Cowan. 99,187; Apr. 7.
- Electric fixture. W. Lescaze. 100,786; Aug. 11.
- Electric heater. E. Brugh. 98,050; Jan. 7.
- Electric iron. F. D. Chapman. 100,542; July 28.
- Electric lighting fixture. H. D. Hain. 98,647; Feb. 18.
- Electromagnetic relay or similar article. C. H. Larson. 98,949; Mar. 17.
- Electromagnetic relay or similar article. C. H. Larson and D. J. McCarthy. 98,948; Mar. 17.
- Electron discharge device. T. M. Shrader. 100,508; July 21.
- Electron discharge device. T. M. Shrader. 101,825; Nov. 3.
- Emblem. A. J. Daniels. 98,294; Jan. 28.
- Emblem. C. H. Hobson. 99,086; Mar. 24.
- Emblem, Commemorative. M. Rowland. 99,257; Apr. 14.
- Emblem for articles of apparel, Appliqué. C. Emmey. 98,580-1; Feb. 18.
- Emblem for articles of apparel, Applique. C. Emmey. 99,931; June 9.
- Emblem or similar article, Framed. V. T. Howard. 102,591; Dec. 29.
- Emblem or similar article for wearing apparel, Appliqué. C. Emmey. 98,579; Feb. 18.
- Emblem or similar article for wearing apparel, Applique. C. Emmey. 99,433; Apr. 28.
- Emblem or similar article for wearing apparel, Appliqué. C. Emmey. 101,332-47; Sept. 29.
- Emblem or similar article, Lapel. J. O. Markel. 99,292; Apr. 14.
- Embroidered fabric. L. A. Silk. 98,093-4; Jan. 7.
- Endpiece for an ophthalmic mounting. G. E. Nerney. 98,543; Feb. 11.
- End piece for metallic spectacle frames. C. J. Eagle. 100,346; July 7.
- Enlargement visualizer. W. D. Teague and D'A. A. Young, Jr. 99,422; Apr. 21.
- Envelope. A. M. Thompson. 99,171; Mar. 31.
- Eraser. J. Glendinning. 99,080; Mar. 24.
- Eraser and pencil tip, Combined. H. B. Van Dorn. 102,459; Dec. 22.
- Escutcheon plate. G. A. Beck. 100,194; June 30.
- Extractor and food mixer, Combination juice. F. J. Osuch. 99,752; May 19.
- Extractor, Fruit juice. W. P. Koch. 101,957; Nov. 17.
- Extractor, Fruit juice. J. M. Majewski, Jr. 101,005; Aug. 25.
- Extractor, Fruit juice. J. M. Majewski, Jr. 101,467; Oct. 6.
- Extractor head, Fruit juice. J. M. Majewski, Jr. 101,544; Oct. 13.
- Extractor, Juice. H. C. Johnson. 101,000; Aug. 25.
- Eyecup. C. G. Hilgenberg. 99,865; June 2.
- Eyeglass, Frame. I. M. Schwab. 102,240; Dec. 1.
- Eyeglass frame or similar article. R. L. Wells. 101,661; Oct. 20.
- Eyeglass frame or similar article. R. L. Wells. 101,663; Oct. 20.
- Fabric article, Quilted. F. Nicrosini. 99,330-1; Apr. 14.
- Fabric, Corduroy. N. Karson. 99,032; Mar. 24.
- Fabric, Curtain. I. Weinrub. 99,537; May 5.
- Fabric, Elastic. H. H. Busch. 100,151-4; June 23.
- Fabric, Elastic. H. H. Busch. 100,315; July 7.
- Fabric, Elastic. O. E. Huber. 102,208; Dec. 1.
- Fabric, Elastic. O. E. Huber. 102,276-7; Dec. 8.
- Fabric, Elastic. N. Leeber. 102,210; Dec. 1.
- Fabric, Elastic. F. Murray. 100,036; June 16.
- Fabric, Elastic. F. Murray. 100,439; July 14.
- Fabric, Elastic. R. K. Siner. 100,606; July 28.
- Fabric, Elastic. R. K. Siner. 100,743; Aug. 4.
- Fabric, Elastic. R. K. Siner. 102,339-40; Dec. 15.
- Fabric, Embroidered. A. Lehmann. 101,254; Sept. 15.
- Fabric, Embroidered. A. Lehmann. 101,310; Sept. 22.
- Fabric, Embroidered textile. T. M. Berger. 99,654; May 12.
- Fabric, Embroidered textile. G. Bischof. 98,640; Feb. 18.
- Fabric, Embroidered textile. J. J. Blackstone. 102,475-7; Dec. 22.
- Fabric for a curtain or similar article, Mesh. M. Sadinoff. 100,044-6; June 16.
- Fabric for a curtain or similar article, Mesh. M. Sadinoff. 101,257; Sept. 15.
- Fabric, Knitted. W. J. Beniston. 98,992; Mar. 24.
- Fabric, Knitted. H. Fleisher. 99,477; Apr. 28.
- Fabric, Knitted. E. W. Krantz. 99,576; May 12.
- Fabric, Knitted. J. Minoff. 98,542; Feb. 11.
- Fabric, Knitted. C. Moses. 101,673-5; Oct. 20.
- Fabric, Knitted. C. Moses. 101,751-2; Oct. 27.
- Fabric, Knitted. B. Siegel. 102,068-70; Nov. 24.
- Fabric, Knitted pile. S. H. Aibel. 99,493-4; May 5.
- Fabric, Knitted pile. S. H. Aibel. 99,769-72; May 26.
- Fabric, Knitted pile. M. Iovenko. 100,902-3; Aug. 18.
- Fabric, Knitted textile. J. Persky. 99,724; May 19.



- Fabric, Knitted tinsel. I. Grabelsky. 100,370-1; July 14.
- Fabric, Machine-knit. D. H. Cavanaugh. 101,023; Sept. 1.
- Fabric or similar article, Elastic. H. Aull. 99,983-5; June 16.
- Fabric or similar article, Elastic. H. Reichert. 100,880; Aug. 18.
- Fabric or similar article, Embroidered textile. E. Tanner. 101,511; Oct. 6.
- Fabric or similar article, Leather. A. Landis. 102,562; Dec. 29.
- Fabric or similar article of manufacture, Textile. J. F. Gaul, Jr. 98,930; Mar. 17.
- Fabric or similar article of manufacture, Textile. J. F. Gaul, Jr. 99,013-15; Mar. 24.
- Fabric or similar article of manufacture, Textile. J. F. Gaul, Jr. 99,078-9; Mar. 24.
- Fabric or similar article of manufacture, Textile. J. F. Gaul, Jr. 100,943; Aug. 25.
- Fabric or similar article of manufacture, Textile. J. F. Gaul, Jr. 101,352; Sept. 29.
- Fabric or similar article of manufacture, Textile. J. F. Gaul, Jr. 101,493; Oct. 6.
- Fabric or similar article of manufacture, Textile. J. F. Gaul, Jr. 101,526; Oct. 13.
- Fabric or similar article of manufacture, Textile. J. F. Gaul, Jr. 101,579-82; Oct. 13.
- Fabric or similar article of manufacture, Textile. J. F. Gaul, Jr. 101,695-700; Oct. 27.
- Fabric or similar article of manufacture, Textile. C. O. Hesse. 102,206-7; Dec. 1.
- Fabric or similar article, Printed textile. M. R. Hamre. 102,117-19; Nov. 24.
- Fabric or similar article, Printed textile. M. R. Hamre. 102,479-80; Dec. 22.
- Fabric or similar article, Textile. G. Bardet. 102,311; Dec. 8.
- Fabric or similar article, Textile. W. J. Beniston. 100,536; July 28.
- Fabric or similar article, Textile. W. L. Blayney. 100,982-4; Aug. 25.
- Fabric or similar article, Textile. E. Castro. 101,935; Nov. 17.
- Fabric or similar article, Textile. E. Castro. 102,255-60; Dec. 8.
- Fabric or similar article, Textile. M. Christen. 102,546; Dec. 29.
- Fabric or similar article, Textile. W. Cleverly. 99,486-7; Apr. 28.
- Fabric or similar article, Textile. W. Cleverly. 99,498; May 5.
- Fabric or similar article, Textile. W. Cleverly. 99,599; May 12.
- Fabric or similar article, Textile. W. Cleverly. 99,777; May 26.
- Fabric or similar article, Textile. A. H. Dick. 98,920; Mar. 17.
- Fabric or similar article, Textile. E. Ericson. 101,413; Sept. 29.
- Fabric or similar article, Textile. R. E. Fatherley. 102,359-61; Dec. 15.
- Fabric or similar article, Textile. F. Headon. 102,273; Dec. 8.
- Fabric or similar article, Textile. J. Heim. 101,869-70; Nov. 10.
- Fabric or similar article, Textile. J. Heim. 101,918; Nov. 10.
- Fabric or similar article, Textile. J. Heim. 101,948-52; Nov. 17.
- Fabric or similar article, Textile. J. Heim. 101,988-9; Nov. 17.
- Fabric or similar article, Textile. J. Heim. 102,366; Dec. 15.
- Fabric or similar article, Textile. M. Holm. 99,358-9; Apr. 21.
- Fabric or similar article, Textile. R. Johnes. 100,348; July 7.
- Fabric or similar article, Textile. B. Klein. 102,466; Dec. 22.
- Fabric or similar article, Textile. S. Long. 99,489; Apr. 28.
- Fabric or similar article, Textile. S. Long. 99,643; May 12.
- Fabric or similar article, Textile. W. H. Mayer, Jr. 101,086; Sept. 1.
- Fabric or similar article, Textile. L. Portong. 102,002; Nov. 17.
- Fabric or similar article, Textile. P. Reiman. 100,246-7; June 30.
- Fabric or similar article, Textile. P. Reiman. 101,970; Nov. 17.
- Fabric or similar article, Textile. P. Reiman. 102,594; Dec. 29.
- Fabric or similar article, Textile. W. D. Roberson. 102,395-6; Dec. 15.
- Fabric or similar article, Textile. W. D. Roberson. 102,471; Dec. 22.
- Fabric or similar article, Textile. W. D. Roberson. 102,595; Dec. 29.
- Fabric or similar article, Textile. A. Roth. 101,174-8; Sept. 8.
- Fabric or similar article, Textile. W. Schmid. 102,312; Dec. 8.
- Fabric or similar article, Textile. P. S. Schwartz. 102,516; Dec. 29.
- Fabric or similar article, Textile. E. A. Smith. 102,241; Dec. 1.
- Fabric or similar article, Textile. W. Speck. 101,418; Sept. 29.
- Fabric or similar article, Textile. I. Weitz. 102,473; Dec. 22.
- Fabric or similar article, Textile. M. M. Wolf. 101,422; Sept. 29.
- Fabric, Pile. W. H. Rollinson. 102,120; Nov. 24.
- Fabric, Printed. W. A. Bassor. 102,116; Nov. 24.
- Fabric, Textile. A. J. Barton. 101,931-2; Nov. 17.
- Fabric, Textile. J. J. Blackstone. 102,221; Dec. 1.
- Fabric, Textile. J. J. Blackstone. 102,247; Dec. 8.
- Fabric, Textile. J. J. Blackstone. 102,352; Dec. 15.
- Fabric, Textile. N. E. Burgess. 98,915; Mar. 17.
- Fabric, Textile. N. E. Burgess. 100,184-5; June 23.
- Fabric, Textile. N. E. Burgess. 100,409-11; July 14.
- Fabric, Textile. N. E. Burgess. 100,525-6; July 21.
- Fabric, Textile. N. E. Burgess. 100,915-16; Aug. 18.
- Fabric, Textile. N. E. Burgess. 100,932-3; Aug. 18.
- Fabric, Textile. O. J. Cahn. 99,776; May 26.
- Fabric, Textile. H. Chopak. 102,478; Dec. 22.
- Fabric, Textile. H. Chopak. 102,545; Dec. 29.
- Fabric, Textile. H. Chopak. 102,583-5; Dec. 29.
- Fabric, Textile. M. Christen. 99,389; Apr. 21.
- Fabric, Textile. M. Christen. 102,261; Dec. 8.
- Fabric, Textile. M. Christen. 102,297; Dec. 8.
- Fabric, Textile. J. Civelli. 99,621; May 12.
- Fabric, Textile. P. R. Costigan. 101,330; Sept. 29.
- Fabric, Textile. D. T. Duncan. 101,942; Nov. 17.
- Fabric, Textile. C. E. Forstmann. 98,246; Jan. 21.
- Fabric, Textile. C. E. Forstmann. 99,159; Mar. 31.
- Fabric, Textile. C. E. Forstmann. 99,571; May 12.
- Fabric, Textile. C. E. Forstmann. 101,031; Sept. 1.
- Fabric, Textile. C. E. Forstmann. 101,167; Sept. 8.
- Fabric, Textile. M. F. Gantz. 98,928-9; Mar. 17.
- Fabric, Textile. M. F. Gantz. 99,161; Mar. 31.
- Fabric, Textile. J. P. Gold. 100,423; July 14.
- Fabric, Textile. A. Hafner. 101,812-14; Nov. 3.
- Fabric, Textile. L. N. Hale. 100,101; June 23.
- Fabric, Textile. E. I. Hanson. 102,481-2; Dec. 22.
- Fabric, Textile. E. I. Hanson. 102,588; Dec. 29.
- Fabric, Textile. A. S. Heiman. 102,589-90; Dec. 29.
- Fabric, Textile. S. N. Kirschenbaum. 102,301; Dec. 8.
- Fabric, Textile. M. D. Kornfeld. 88,716; May 19.
- Fabric, Textile. M. D. Kornfeld. 99,765; May 19.
- Fabric, Textile. C. A. Lasky. 100,568; July 28.
- Fabric, Textile. J. Maharam. 100,275; July 7.
- Fabric, Textile. J. Martin. 100,433; July 14.
- Fabric, Textile. M. Morris. 102,593; Dec. 29.
- Fabric, Textile. M. A. Opolinsky. 99,427; Apr. 21.
- Fabric, Textile. G. H. Perkins. 99,449-59; Apr. 28.
- Fabric, Textile. G. H. Perkins. 99,482; Apr. 28.
- Fabric, Textile. G. H. Perkins. 99,680; May 19.
- Fabric, Textile. G. H. Perkins. 99,761-2; May 19.
- Fabric, Textile. G. H. Perkins. 101,820-1; Nov. 3.
- Fabric, Textile. W. Rose. 99,665; May 12.
- Fabric, Textile. M. H. Rubin. 100,456-7; July 14.
- Fabric, Textile. M. H. Rubin. 101,403; Sept. 29.
- Fabric, Textile. M. E. Singerman. 99,684; May 19.
- Fabric, Textile. A. Stern. 100,394; July 14.
- Fabric, Textile. A. Stern. 100,458; July 14.
- Fabric, Textile. A. Stern. 100,480; July 21.
- Fabric, Textile. A. Stern. 101,092; Sept. 1.
- Fabric, Textile. A. Stern. 101,408; Sept. 29.
- Fabric, Textile. P. A. Vogelmann. 99,535; May 5.
- Fabric, Textile. H. Weisman. 101,830; Nov. 3.
- Fabric, Textile. A. White. 99,691; May 19.
- Fabric, Textile. H. W. Wilde. 99,591; May 12.
- Fabric, Textile. H. W. Wilde. 99,692; May 19.
- Fabric, Textile. H. W. Wilde. 99,766; May 19.
- Fabric, Textile. H. W. Wilde. 100,534; July 21.
- Fabric, Textile. H. W. Wilde. 102,296; Dec. 8.
- Fabric, Textile. H. W. Wilde. 102,474; Dec. 22.
- Fabric, Upholstery. W. Guthrie. 98,314; Jan. 28.
- Fabric, Upholstery. W. Guthrie. 98,935-6; Mar. 17.
- Fabric, Upholstery. W. Mitschke. 99,134; Mar. 31.
- Fabric, Waterproof. F. L. Meneley. 100,436-7; July 14.
- Fabric, Woven. J. D. McDowall. 98,811-12; Mar. 3.
- Fabric, Woven. W. Teres. 101,592; Oct. 13.
- Fabric, Woven textile. J. L. Walther. 102,098; Nov. 24.
- Fan. A. S. Knapp. 101,225; Sept. 15.
- Fan blade and shaft guard, Combined. A. S. Knapp. 102,056; Nov. 24.
- Fan blades and hub unit, Combined. A. C. Gilbert and J. Lanz. 100,818; Aug. 11.
- Fan bracket. J. J. Wall. 98,467; Feb. 4.
- Fan casing assembly, Vacuum cleaner. D. M. Dow and F. H. Burmeister. 101,857; Nov. 10.
- Fan, Circulating. E. A. and P. J. Camp. 102,322; Dec. 15.
- Fan, Combined air conditioning and circulating. R. W. Devore. 99,500-1; May 5.
- Fan, Electric. M. H. Frisbie. 100,690; Aug. 4.
- Fan, Electric. C. F. Haynes. 98,457; Feb. 4.
- Fan, Electric. R. Heller. 101,120; Sept. 8.
- Fan, Exhaust. H. C. Hueglin. 102,083; Nov. 24.
- Fastener for garters, Sock. W. W. Hartmann. 102,429; Dec. 22.
- Fastener, Hose. V. G. Corel. 99,426; Apr. 21.
- Fastener or similar article, Necktie. C. Silverman. 100,586; July 28.
- Fastener, Shoe. W. L. Gibbons. 101,215-6; Sept. 15.
- Faucet mounting. J. C. Steiner. 98,629; Feb. 18.



- Feed control panel, Hydraulic. K. R. Herman. 100,696; Aug. 4.
- Fender, Automobile front. O. H. Clark. 100,311; July 7.
- Fender, Automobile rear. O. H. Clark. 100,312-3; July 7.
- Fender for a cycle. H. L. Kraeft. 102,374-5; Dec. 15.
- Fender guard, Automobile. J. I. Trambot. 99,254; Apr. 7.
- Fender guide. G. F. Bahr. 98,288; Jan. 28.
- Fender, Velocipede. B. J. Anderson. 99,385; Apr. 21.
- File, Nail. F. P. Carpenter. 100,541; July 28.
- File, Paper. H. L. Schridde. 99,525; May 5.
- Fire detector, alarm, and extinguisher, Combined. J. Grison. 99,712; May 19.
- Fireplace, desk and dinette, Combination. B. D. Colen. 100,987; Aug. 25.
- Fireplace, Fluid fuel burning. L. Sulzer. 100,459; July 14.
- Fish lure. T. Y. Sato. 101,244; Sept. 15.
- Fishing rod tip. M. Meyerson. 101,236; Sept. 15.
- Fixture, Illuminating. E. F. Guth. 100,019-20; June 16.
- Fixture, Lighting. G. E. Glatthar and F. Wening. 101,033 4; Sept. 1.
- Fixture, Lighting. C. A. Godshalk. 100,015; June 16.
- Fixture, Lighting. H. Janssen. 101,041; Sept. 1.
- Flag or similar article. E. A. Stenham. 98,190; Jan. 14.
- Flares and supporting bracket therefor, Combined truck. J. H. Horsley. 102,483; Dec. 22.
- Flashlight. C. D. Barrett. 102,073; Nov. 24.
- Flashlight. H. G. Graubner. 99,791-4; May 26.
- Flashlight. H. G. Graubner. 100,074; June 16.
- Flashlight. K. H. Kalberer. 102,137; Dec. 1.
- Flashlight. H. Rothenberg and L. C. Grimsley. 102,446; Dec. 22.
- Flashlight. A. S. Weston. 101,747; Oct. 27.
- Flashlight base cap. D. L. Spender. 102,149; Dec. 1.
- Flashlight base cap. E. H. Tompkins. 101,245; Sept. 15.
- Flashlight head. E. H. Tompkins. 99,336; Apr. 14.
- Flashlight head. E. H. Tompkins. 101,800; Nov. 3.
- Flashlight head shell. C. D. Barrett. 101,930; Nov. 17.
- Flashlight head shell. C. D. Barrett. 102,017; Nov. 17.
- Flashlight or the like. A. F. Reilly. 99,521; May 5.
- Flashlight switch. N. M. Olanoff. 100,282; July 7.
- Flask. J. M. Grigor. 100,162; June 23.
- Flatiron. A. Illsche and A. Drummond. 101,462; Oct. 6.
- Flatiron. J. W. Myers. 100,335; July 7.
- Flatiron. A. O. Samuels. 102,448; Dec. 22.
- Flatiron and tank therefor, Gasoline operated. J. R. Morgan. 99,751; May 19.
- Flatiron, Electric. R. E. Patten. 98,181; Jan. 14.
- Flatiron, Gasoline. J. R. Morgan. 100,738; Aug. 4.
- Floor conditioning machine. H. L. Myers. 100,788; Aug. 11.
- Floor fitting, Electrical. J. W. Wiesmann. 100,082; June 16.
- Floor panel. S. Kutchar. 99,201; Apr. 7.
- Floor surfacing machines. W. E. Holt. 102,186; Dec. 1.
- Fly, Fishing. F. O. Burge. 98,644; Feb. 18.
- Folder and article display device, Combined. H. D. Miller. 101,819; Nov. 3.
- Folder, Combined hosiery display and packing. J. W. Sweeney. 99,905; June 2.
- Font of display letters and figures. C. McDougal. 99,721; May 19.
- Font, Printing type. I. Reiner. 102,093; Nov. 24.
- Food mixer. A. F. Fukal. 98,669; Feb. 25.
- Food mixing device, Portable electric. R. E. Patten. 98,689; Feb. 25.
- Food receptacle unit or similar article. P. R. Cutler. 98,575; Feb. 18.
- Footrail, Bar. E. A. Neumann. 102,389; Dec. 15.
- Footrest, Foot exercising. J. Fehn and B. Schmidt. 101,862; Nov. 10.
- Foot stool. H. J. McKane. 101,881; Nov. 10.
- Fork or other article of flatware. B. Ellerstein. 99,503; May 5.
- Frame, Bicycle. H. L. Kraeft. 101,281; Sept. 22.
- Frame, Chaise longue. W. Hoffmann. 99,803; May 26.
- Frame for a chair or similar article, Combined back and arm rest. L. Vavrik. 101,568; Oct. 13.
- Frame for combination bread slicing and wrapping machine. I. C. Gellman. 102,426; Dec. 22.
- Frame for labeling machine or similar articles. G. W. van Hofe and B. D. Dans. 102,460; Dec. 22.
- Frame, Glider. M. B. Smith. 99,526; May 5.
- Frame, Monogram. M. Chernow. 99,928; June 9.
- Frame or similar article, Awning. C. Reynolds and B. G. Kucera. 101,649-50; Oct. 20.
- Frame or similar article, Settee. J. di Martino. 100,550; July 28.
- Frame or the like, Emulsifying machine. A. R. Bannister. 98,571; Feb. 18.
- Frame, Picture. H. Rekens. 101,484; Oct. 6.
- Frame, Ring. M. J. Freedman. 100,815; Aug. 11.
- Frame, Velocipede. B. J. Anderson. 100,355; July 14.
- Freezer and display counter, Combined ice cream. E. B. Eckland. 102,026; Nov. 24.
- Freezer, Ice cream. G. H. Durie. 100,415; July 14.
- Freezer, Ice cream. J. R. Morgan. 100,114; June 23.
- Freezing device for edibles. F. H. Kaup and F. H. Kin-youn. 98,524; Feb. 11.
- Frock, Apartment. H. H. Hommon. 99,393; Apr. 21.
- Fuel supply unit for oil burners. H. E. Fellows. 98,505; Feb. 11.
- Fuel supply unit for oil burners. H. C. Osborne. 102,392-3; Dec. 15.
- Gaiter arctic. K. A. Clark. 100,413; July 14.
- Galosh. J. Griffith. 99,017; Mar. 24.
- Game apparatus. L. B. Elliott. 99,570; May 12.
- Game apparatus. P. M. Fuller. 102,423; Dec. 22.
- Game apparatus, Amusement. D. C. Rockola. 101,401; Sept. 29.
- Game apparatus and vending machine, Combined. M. Schu. 100,717; Aug. 4.
- Game board. T. C. Chi. 98,232; Jan. 21.
- Game board. B. L. Fry. 100,322; July 7.
- Game board. J. J. Leahy. 100,956; Aug. 25.
- Game board. L. Levy. 100,033; June 16.
- Game board. V. Linfante. 102,032; Nov. 24.
- Game board. R. H. Osbrink. 98,084; Jan. 7.
- Game board. F. Scheff. 100,582; July 28.
- Game board. G. L. Van der Hoeven. 102,531; Dec. 29.
- Game board. A. K. Winans. 100,886; Aug. 18.
- Game board or similar article. M. L. Ayer. 98,793; Mar. 3.
- Game board or the like. A. L. Webber. 99,741; May 19.
- Game device. C. L. Hines. 99,024; Mar. 24.
- Game device. W. A. Merrill. 98,653; Feb. 18.
- Game device, Marble. G. A. Fry. 102,421; Dec. 22.
- Game device, Pocket. H. Herion. 102,185; Dec. 1.
- Game pieces, Set of. A. M. Lassen. 99,329; Apr. 14.
- Garment, Child's. M. S. Raimer. 99,368-9; Apr. 21.
- Garment, Child's. M. N. Shaffer. 100,927; Aug. 18.
- Garment for women, Foundation. H. Wipperman. 102,102; Nov. 24.
- Garment, Woman's trousered. I. Praet. 100,739; Aug. 4.
- Gas projecting apparatus. C. J. Manville. 98,775; Mar. 3.
- Gauge, Air line. W. H. Longstreet. 98,399; Jan. 28.
- Gauge and illumination housing, Combined. H. S. Baker and J. W. Motherwell. 100,838; Aug. 18.
- Gauge, Illuminated. H. S. Baker and J. W. Motherwell. 100,193; June 30.
- Gauge, Saw. H. E. Tautz. 99,614; May 12.
- Gem setting. J. Dinhofer. 100,940; Aug. 25.
- Generator, Wind power. G. A. Vaughn. 102,403; Dec. 15.
- Gilet. I. H. Bernstein and M. Presslaff. 99,182; Apr. 7.
- Girdle, Lady's adjustable. N. Appelbaum and S. Shron. 101,297; Sept. 22.
- Glass. J. B. Clark. 98,293; Jan. 28.
- Glass alphabet lens for forming signs or the like, Molded. R. H. Osbrink. 99,168; Mar. 31.
- Glass, Cocktail drinking. J. Perry. 100,039; June 16.
- Glass, Drinking. A. M. Spinelli and B. Greenstein. 101,721; Oct. 27.
- Glass for ice cream sodas or the like, Serving. M. Schneider. 101,290; Sept. 22.
- Glass numeral lens for forming signs or the like, Molded. R. H. Osbrink. 99,169; Mar. 31.
- Glass, Sherbet. D. Deskey. 98,422; Feb. 4.
- Glider. E. S. Goldberg. 99,504; May 5.
- Glider. W. G. Hardy. 98,065; Jan. 7.
- Glider. W. H. Logan. 98,458; Feb. 4.
- Glider. L. Vavrik. 101,571-2; Oct. 13.
- Glider, Canopy. M. B. Smith. 99,733; May 19.
- Glider or similar article. J. C. Feldman. 101,165; Sept. 8.
- Globe for an incandescent electric lamp, Lens. A. L. Arenberg. 101,435; Oct. 6.
- Globe for lighting fixtures. J. C. Dunn and M. Klein. 99,743; May 19.
- Globe, Glass. T. W. Rolph. 101,557; Oct. 13.
- Globe, Glass. T. W. Rolph. 101,603; Oct. 13.
- Globe, Glass. T. W. Rolph. 101,823-4; Nov. 3.
- Globe, Lighting fixture. S. S. Dauman. 99,742; May 19.
- Glove. C. B. Adams. 102,314; Dec. 15.
- Glove. E. Ardzone. 100,191; June 30.
- Glove. J. J. Fox. 98,391; Jan. 28.
- Glove. J. J. Fox. 100,072; June 16.
- Glove. K. Fuchs. 100,816-7; Aug. 11.
- Glove. K. Fuchs. 100,901; Aug. 18.
- Glove. I. Ireland. 99,490-1; Apr. 28.
- Glove. C. R. Kovar. 99,198-200; Apr. 7.
- Glove. C. R. Kovar. 99,400-4; Apr. 21.
- Glove. C. R. Kovar. 100,821-4; Aug. 11.
- Glove. C. R. Kovar. 100,920; Aug. 18.
- Glove. C. R. Kovar. 101,094; Sept. 1.
- Glove. C. R. Kovar. 101,307-9; Sept. 22.
- Glove. C. R. Kovar. 101,670; Oct. 20.
- Glove. L. Levine. 99,164; Mar. 31.
- Glove. L. J. Maclear. 99,165-6; Mar. 31.
- Glove. W. E. Meyers. 96,567; Feb. 11.
- Glove. W. E. Meyers. 99,410; Apr. 21.
- Glove. W. E. Meyers. 99,566; May 5.
- Glove. W. E. Meyers. 101,997; Nov. 17.
- Glove. W. E. Meyers. 102,499-502; Dec. 22.
- Glove. W. E. Meyers. 102,599; Dec. 29.
- Glove. C. V. Perrin. 99,962; June 9.
- Glove. L. Postman. 99,462-6; Apr. 28.
- Glove. L. Postman. 100,388; July 14.
- Glove. L. Postman. 100,441; July 14.
- Glove. L. Postman. 100,830; Aug. 11.
- Glove. E. Webster. 101,758-9; Oct. 27.
- Glove. E. Webster. 101,927; Nov. 10.
- Glove. M. W. Winkler. 98,901; Mar. 10.
- Glove, Sport. L. K. H. Thomsen. 99,423; Apr. 21.
- Goal, Basketball. A. E. Sandeberg. 101,090; Sept. 1.
- Goblet. J. B. Clark. 98,236; Jan. 21.
- Goblet, Glass. G. Dougherty. 100,007; June 16.
- Goblet, Glass. J. G. Funfrock. 99,744; May 19.
- Goblet, Glass. D. K. Irwin. 99,676; May 19.



- Goblet or like article. D. C. Sloan. 99,898; June 2.  
 Goblet or similar article. E. Bell. 99,107; Mar. 31.  
 Goblet or similar article. A. J. Bennett. 98,490; Feb. 11.  
 Goblet or similar article. A. J. Bennett. 98,794; Mar. 3.  
 Goblet or similar article. A. J. Cunningham. 100,615-62.  
 Aug. 4.  
 Goblet or similar article. A. J. Cunningham. 101,938-40;  
 Nov. 17.  
 Goblet or similar article. W. C. McCartney. 98,539;  
 Feb. 11.  
 Goblet or similar article. J. D. McKee. 101,379; Sept.  
 29.  
 Goblet or similar article. D. C. Sloan. 99,900; June 2.  
 Goblet or similar article, Footed. E. Bell. 98,659;  
 Feb. 25.  
 Goblet or similar article, Stemmed. E. Bell. 98,909;  
 Mar. 17.  
 Goblet or similar article, Stemmed. E. Bell. 99,181;  
 Apr. 7.  
 Goblet or similar article, Stemmed. W. P. Morrison.  
 102,062; Nov. 24.  
 Goggles or similar article, Pair. A. E. Euler. 102,326;  
 Dec. 15.  
 Golf club. G. E. Barnhart. 101,265; Sept. 22.  
 Golf club head. H. W. Ellingham. 101,108; Sept. 8.  
 Golf tee. G. W. Drinkert. 99,117; Mar. 31.  
 Grate or similar article. W. Moran. 99,361; Apr. 21.  
 Grave vault. R. P. Henderson. 100,023; June 16.  
 Grill and cooker, Combined electric. W. A. Parr. 99,043;  
 Mar. 24.  
 Grill and cooking top for gas stoves, Combination. G.  
 Finn. 99,122; Mar. 31.  
 Grip for suction cleaner handles. H. Dreyfuss. 101,490;  
 Oct. 6.  
 Guard, Clothes hanger. G. C. Linney. 101,127; Sept. 8.  
 Guard, Fan. G. R. Graff. 101,115; Sept. 8.  
 Guard, Fan wheel. M. Weber. 101,018; Aug. 25.  
 Guard for a cycle, Chain. H. L. Kraeft. 102,376; Dec. 15.  
 Guard or similar article, Bumper bar. J. Galamb.  
 102,464; Dec. 22.  
 Guard or similar article, Fan. C. E. Meyerhoefer. 98,541;  
 Feb. 11.  
 Guide, Fender. G. F. Bahr. 101,831-4; Nov. 3.  
 Guide, Fender. J. H. Cohen. 101,835-9; Nov. 3.  
 Guide, Fender. A. Sivec. 101,071; Sept. 1.  
 Guide for applying cosmetics, Facial make-up beauty. S.  
 N. Acker. 101,593; Oct. 13.  
 Gum massager. P. L. Hemp. 98,252; Jan. 21.  
 Gun, Gas. C. J. Manville. 100,350; July 7.  
 Gun, Hot air. F. O. Albertson. 100,189; June 30.  
 Gun, Industrial spray. C. G. Neidhardt. 102,388; Dec. 15.  
 Gun, Metal spray. F. O. Albertson. 99,616; May 12.  
 Gun or similar article, Lubricating. A. Degory. 99,620;  
 May 12.  
 Gun, Spray. S. Bramsen and F. W. Wahlin. 99,473;  
 Apr. 28.  
 Hair curler. W. H. Schmitt. 99,563; May 5.  
 Hair drier apparatus, Multiple service. C. W. Beeston.  
 98,208; Jan. 21.  
 Hair drying apparatus. C. F. Taylor. 98,464; Feb. 4.  
 Halter. J. Solomon. 102,522-3; Dec. 29.  
 Hammer, Pneumatic. E. J. Seiden. 101,796; Nov. 3.  
 Handbag. H. J. Carlin. 101,161; Sept. 8.  
 Handbag. E. Hawes. 99,436; Apr. 28.  
 Handbag. A. Kulick. 99,478; Apr. 28.  
 Handbag. F. N. Lewis. 101,705; Oct. 27.  
 Handbag. F. N. Lewis. 101,880; Nov. 10.  
 Handbag. F. N. Lewis. 101,920; Nov. 10.  
 Handbag. J. Rasnick. 101,792; Nov. 3.  
 Handbag. M. White. 98,285; Jan. 21.  
 Handbag. M. White. 99,633; May 12.  
 Handbag frame. D. Karron. 100,269; July 7.  
 Handbag, Lady's. H. Felmann. 101,692-4; Oct. 27.  
 Handbag, Lady's. H. Felmann. 101,863-4; Nov. 10.  
 Handbag, Lady's. H. Felmann. 102,183-4; Dec. 1.  
 Handbag, Lady's. H. Felmann. 102,267; Dec. 8.  
 Hand bag, Lady's. H. Felmann. 102,306-8; Dec. 8.  
 Handbag or similar article. E. Konelsky. 102,111;  
 Nov. 24.  
 Handbag or similar article. H. L. Redman. 100,793;  
 Aug. 11.  
 Handbag or the like. W. F. Bowen. 101,850; Nov. 10.  
 Handbag, wallet, and cigarette case, Combined. B. H.  
 Bryon. 98,643; Feb. 18.  
 Handkerchief. S. E. Rains. 102,114; Nov. 24.  
 Handkerchief. J. M. Rosen. 101,425; Sept. 29.  
 Handkerchief or similar article. L. S. Winkler. 100,977;  
 Aug. 25.  
 Handkerchief or similar article, Paper. C. A. Fourness.  
 98,745; Feb. 25.  
 Handkerchief pocket top appliqué for wearing apparel.  
 C. Emmey. 101,331; Sept. 29.  
 Handle. A. Iannelli. 100,267; July 7.  
 Handle. L. A. Marcus. 100,871; Aug. 18.  
 Handle. E. Marder. 100,872; Aug. 18.  
 Handle adapted for a cabinet door or similar article. J.  
 Tjaarda. 99,253; Apr. 7.  
 Handle adapted for a cabinet or similar article. A. V.  
 Lapteff. 99,244-5; Apr. 7.  
 Handle adapted for a door or similar article. A. V.  
 Lapteff. 99,246; Apr. 7.  
 Handle adapted for a drawer or similar article. A. V.  
 Lapteff. 99,247; Apr. 7.  
 Handle adapted for a drawer or similar article. J.  
 Tjaarda. 99,252; Apr. 7.  
 Handle adapted for a faucet or similar article. J.  
 Tjaarda. 99,251; Apr. 7.  
 Handle adapted for a stove or similar article. A. V.  
 Lapteff. 99,243; Apr. 7.  
 Handle and front drawer panel, Combined. H. E. De Vries.  
 98,500; Feb. 11.  
 Handle and lid for containers, Combined. H. J. Rans-  
 burg. 101,008; Aug. 25.  
 Handle bar. H. H. Henry. 101,953; Nov. 17.  
 Handlebar grip. J. R. Morgan. 100,223; June 30.  
 Handle-bar stem and speedometer mounting for bicycles,  
 Combined. E. E. Pease. 99,586; May 12.  
 Handle, Bath waste. H. Dreyfuss and R. H. Zinkil.  
 101,448; Oct. 6.  
 Handle, Burial case. L. J. Clark. 99,703-5; May 19.  
 Handle, Burial case. W. F. Flasche. 99,622; May 12.  
 Handle, Burial case. J. Jamieson. 99,715; May 19.  
 Handle, Burial vault. R. P. Henderson. 100,022; June  
 16.  
 Handle, Carrying. G. A. Adams. 102,023; Nov. 24.  
 Handle, Casket. H. E. Moore. 102,286; Dec. 8.  
 Handle, Clamp. H. E. Tautz. 102,402; Dec. 15.  
 Handle, Drawer. F. W. McCormick. 100,034; June 16.  
 Handle, Fishing rod. F. L. Baker. 101,847; Nov. 10.  
 Handle for a bar spigot or similar article. J. E. Newman.  
 102,443; Dec. 22.  
 Handle for a casket or analogous article. R. Larsen.  
 98,807; Mar. 3.  
 Handle for a casket or analogous article. R. Larson.  
 99,947; June 9.  
 Handle for a coffee maker or similar article. S. W.  
 Farber. 99,192; Apr. 7.  
 Handle for a fly swatter or similar article. A. F. Shafter.  
 99,312-13; Apr. 14.  
 Handle for a pot or the like. I. D. Richheimer and J.  
 Masin. 98,276; Jan. 21.  
 Handle for a tap valve, Dispensing. J. W. Haley.  
 100,324; July 7.  
 Handle for dry shavers. J. Schick. 98,548; Feb. 11.  
 Handle for eyeglasses or similar articles. J. L. Donaly.  
 100,465; July 21.  
 Handle for knives. M. Kirstein. 102,166; Dec. 1.  
 Handle for knives, forks, and similar articles. F. F.  
 Ellingwood. 100,156; June 23.  
 Handle for trays, bowls, and similar articles. M. B. Solo-  
 mon. 101,653; Oct. 20.  
 Handle or analogous article, Fishing rod. L. Gurrieri.  
 101,218; Sept. 15.  
 Handle or similar article for an automotive vehicle, Outside  
 door. G. E. Curtiss. 100,685; Aug. 4.  
 Handle or similar article for an automotive vehicle, Out-  
 side door. B. B. Lemm. 100,904; Aug. 18.  
 Handle or similar article for an automotive vehicle, Out-  
 side door. J. S. McDaniel and C. J. Klein. 100,960;  
 Aug. 25.  
 Handle or similar article for an automotive vehicle, Outside  
 door. G. Snyder and E. S. Carlson. 100,722; Aug. 4.  
 Handle or similar article for an automotive vehicle, Out-  
 side door. B. N. Trombley and C. J. Klein. 100,976;  
 Aug. 25.  
 Handle stick. R. J. Cowling. 101,271; Sept. 22.  
 Handle stick for confectionary product. J. V. Cariffe.  
 102,076; Nov. 24.  
 Handle, Switch. C. W. Sundberg and M. Ferar. 99,612;  
 May 12.  
 Handle, Tool. R. F. Bryant. 100,612; Aug. 4.  
 Handle, Waste. H. Dreyfuss and R. H. Zinkil. 101,449;  
 Oct. 6.  
 Hanger, Clothes. J. Lagomarsino. 102,230; Dec. 1.  
 Hanger, Garment. G. J. Bachmeyer. 98,710; Feb. 25.  
 Hanger, Garment. G. J. Bachmeyer. 100,461; July 21.  
 Hanger, Garment. E. B. Farmer. 98,474; Feb. 4.  
 Hanger or similar article. B. Meyer. 98,540; Feb. 11.  
 Hanger or similar article, Display. S. Ring. 100,669;  
 Aug. 4.  
 Hat. W. C. Gray. 102,327; Dec. 15.  
 Hat. K. Kass. 101,635; Oct. 20.  
 Hat. R. K. Reynolds. 98,961; Mar. 17.  
 Hat. C. Rothenberg. 101,506; Oct. 6.  
 Hat. S. Scheuer. 98,814; Mar. 3.  
 Hat. E. C. Sloan. 99,967; June 9.  
 Hat. E. C. Sloan. 102,400; Dec. 15.  
 Hat. L. L. Smith. 101,514; Oct. 6.  
 Hat. M. Taien. 98,906; Mar. 10.  
 Hat. E. Tropp. 101,685; Oct. 20.  
 Hat, Lady's. I. Melamed. 101,501; Oct. 6.  
 Hat, Lady's. I. Melamed. 102,386; Dec. 15.  
 Head for electric lamps. E. T. Camenisch. 99,266; Apr.  
 14.  
 Head for portable lamps. L. R. Wellman. 101,660; Oct.  
 20.  
 Headlight. J. D. Kennelly. 99,286; Apr. 14.  
 Heater. F. D. Chapman. 98,753; Mar. 3.  
 Heater. K. H. Daegling. 100,091; June 23.  
 Heater. C. E. Froelich. 100,856; Aug. 18.  
 Heater. G. R. Graff. 100,729; Aug. 4.  
 Heater. D. F. Jones and M. F. Cotes. 100,376; July 14.  
 Heater. B. B. Kahn. 99,510; May 5.  
 Heater. B. B. Kahn. 100,166; June 23.  
 Heater. L. O. Morin, Jr. 100,711; Aug. 4.  
 Heater, Automobile. G. R. Graff. 100,159-61; June 23.  
 Heater, Automobile. J. S. Losee. 99,953; June 9.  
 Heater, Automobile. A. L. Mell. 102,470; Dec. 22.  
 Heater, Automobile. P. F. Sperry. 100,802; Aug. 11.  
 Heater, Automobile. C. N. Will. 99,101; Mar. 24.



- Heater, Automobile. C. H. Will. 100,931; Aug. 18.  
 Heater, Automobile. C. H. Will and H. W. Fink. 102,101; Nov. 24.  
 Heater, Circulating. J. B. Miller and W. P. Biddle, Jr. 100,113; June 23.  
 Heater, Circulating. A. D. Olds. 102,391; Dec. 15.  
 Heater, Circulating. B. Rymer. 100,293; July 7.  
 Heater, Circulating type. W. D. Teague. 101,828; Nov. 3.  
 Heater, Circulation. D. J. Howard. 98,163; Jan. 14.  
 Heater, Circulation. D. J. Howard. 98,397; Jan. 28.  
 Heater, Circulation. D. J. Howard. 101,599; Oct. 13.  
 Heater, Circulation. L. O. Morin, Jr. 100,710; Aug. 4.  
 Heater, Electric windshield. J. H. Cohen. 102,018; Nov. 17.  
 Heater, Gas. G. A. Swanson. 98,970; Mar. 17.  
 Heater, Oil burning. H. Lange. 99,129; Mar. 31.  
 Heater or similar article, Electric. F. A. Leisen. 99,131; Mar. 31.  
 Heater or the like, Automobile. C. E. Meyerhoefer. 99,722; May 19.  
 Heater, Radiant. R. C. Deigert. 99,002; Mar. 24.  
 Heater, Radiant. R. C. Deigert. 99,116; Mar. 31.  
 Heater, Radiant. L. O. Morin, Jr. 100,712; Aug. 4.  
 Heater, Radiant. H. L. Van Doren. 99,836; May 26.  
 Heater, Radiating type. W. D. Teague. 101,475; Oct. 6.  
 Heater shell or similar article, Automobile. F. M. Young. 101,725; Oct. 27.  
 Heater, Space. G. L. Bridge. 99,594; May 12.  
 Heater, Space. H. C. Caldwell. 100,345; July 7.  
 Heater, Space. R. E. Kruck. 101,638; Oct. 20.  
 Heater, Space. R. E. Kruck. 101,783; Nov. 3.  
 Heater, Water. G. Hegwein. 99,864; June 2.  
 Heater, Water. C. H. Morrow. 98,179; Jan. 14.  
 Heater, Water. C. H. Morrow. 98,605; Feb. 18.  
 Heel. D. J. Calderazzo. 99,700-1; May 19.  
 Helmet. C. P. Fiskens. 100,814; Aug. 11.  
 Helmet, Football. H. M. Pryale and S. C. Clark. 100,972; Aug. 25.  
 Hinge. J. T. Atwood. 99,756; May 19.  
 Hinge, Casement. C. E. Spencer and O. W. Roberts. 100,587; July 28.  
 Hinge for screen doors or the like. O. Mankki. 102,434; Dec. 22.  
 Hinge unit. J. O. Willard. 101,184; Sept. 8.  
 Hobbyhorse. J. E. Hills. 101,276; Sept. 22.  
 Hobbyhorse. S. Ward. 101,077; Sept. 1.  
 Holder and ash receiver, Combined toilet paper. J. R. Smith, Sr. 101,924; Nov. 10.  
 Holder and ashtray, Combined cigarette package. A. T. Ball. 101,437; Oct. 6.  
 Holder, Ash tray. T. D. Joeck and G. W. Bergen. 100,268; July 7.  
 Holder, ashtray, and extinguisher, Combined cigarette. H. E. Ridewood. 99,308; Apr. 14.  
 Holder, ashtray, and extinguisher, Combined cigarette. H. E. Ridewood. 99,753; May 19.  
 Holder, ashtray, and extinguisher, Combined cigarette. H. E. Ridewood. 100,043; June 16.  
 Holder, ashtray, and extinguisher, Combined cigarette. H. E. Ridewood. 101,312; Sept. 22.  
 Holder, Candle. J. Brenowitz and I. Gottlieb. 101,933; Nov. 17.  
 Holder, Chalk. F. Rutz. 102,347; Dec. 15.  
 Holder, Christmas tree. K. A. Bird and E. E. Farley. 102,220; Dec. 1.  
 Holder, Christmas tree light. H. Haase. 99,713; May 19.  
 Holder, Cigar and cigarette. H. Alberg. 100,188; June 30.  
 Holder, Cigarette. A. Janusz. 100,374; July 14.  
 Holder, Cigarette. E. Lackow. 98,947; Mar. 17.  
 Holder, Cigarette. E. Lackow. 99,480; Apr. 28.  
 Holder, Combination pencil and pad. W. B. Richardson. 101,066; Sept. 1.  
 Holder, Combined cooking and heating element. P. Soos. 100,299; July 7.  
 Holder, Cravat. L. E. Baer. 100,592-3; July 28.  
 Holder, Cravat. V. T. Howard. 100,163; June 23.  
 Holder, Cravat. C. Silverman. 101,798; Nov. 3.  
 Holder, Display tag. C. J. Murphy. 102,440; Dec. 22.  
 Holder, Fishing rod. A. C. Luff. 100,600; July 28.  
 Holder, Flower. W. J. Keller. 102,431; Dec. 22.  
 Holder, Flower display. H. I. Artman. 100,934; Aug. 25.  
 Holder for keys or similar article. E. E. Jessee. 98,941; Mar. 17.  
 Holder for shaving outfit or similar article. E. Groos. 100,557; July 28.  
 Holder, Initial or other character bearing. E. S. Mix. 99,519; May 5.  
 Holder, Initial or other character bearing. J. O. Pollack. 100,829; Aug. 11.  
 Holder, Key. D. J. Lowney. 100,571; July 28.  
 Holder, Key. O. P. Schaller. 99,418; Apr. 21.  
 Holder, Lip stick. L. A. Samstag. 99,216; Apr. 7.  
 Holder, Manicure supply. F. P. Sheridan. 100,479; July 21.  
 Holder, Match. J. R. Wiegand. 98,789; Mar. 3.  
 Holder, Necktie. C. Silverman. 101,720; Oct. 27.  
 Holder or similar article, Flower. R. F. Duryea. 99,783; May 26.  
 Holder or similar article, Flower. W. C. McCartney. 101,234; Sept. 15.  
 Holder or similar article, Fruit. W. Rogers. 98,696; Feb. 25.  
 Holder or similar article, Necktie. T. B. Bowen. 102,410; Dec. 22.  
 Holder, Playing card. R. O. Nereim. 102,442; Dec. 22.  
 Holder, Skein. H. Reom, Jr. 100,925; Aug. 18.  
 Holder, Tooth brush. W. E. Hunt. 100,426; July 14.  
 Holder, Tooth paste and brush. J. F. Levy. 99,444; Apr. 28.  
 Holder, Tumbler and tooth paste. J. F. Levy. 99,443; Apr. 28.  
 Hook, Bathroom. J. F. Levy. 99,440; Apr. 28.  
 Hook, Boot. J. A. Farnum. 98,386; Jan. 28.  
 Hopper, power unit, and fan casing for stokers, Combined. H. H. Fitch. 101,598; Oct. 13.  
 Horn and lamp, Combined. L. M. Wiley. 102,404; Dec. 15.  
 Horn, Electric. C. V. McBroom. 99,040; Mar. 24.  
 Horn, Loudspeaker. C. E. Sweeny. 101,684; Oct. 20.  
 Horological instrument. J. B. Brown. 100,150; June 23.  
 Hosiery. L. H. Mendolsohn. 102,487; Dec. 22.  
 House, Bird. C. F. Klein. 100,564; July 28.  
 Housing and base for a power tool machine or similar article, Combined. H. L. van Doren. 100,081; June 16.  
 Housing, Caster. N. Y. Anderson. 102,315; Dec. 15.  
 Housing, Combination weiner roasting apparatus and display. L. J. Bohannon. 98,290; Jan. 28.  
 Housing for dial scales, Recorder. H. A. Hadley. 99,019; Mar. 24.  
 Housing for dispensing apparatus. W. M. Hutchison. 101,362-3; Sept. 29.  
 Housing for dispensing apparatus. W. M. Hutchison. 101,739; Oct. 27.  
 Housing, Instrument. R. Heller. 99,975; June 9.  
 Housing, Scale recorder. H. A. Hadley. 99,020; Mar. 24.  
 Humidifier. W. Feldermann. 98,716; Feb. 25.  
 Humidifier. C. G. Vretman. 100,235; June 30.  
 Humidifier, Electrical. P. E. Edelman. 98,664; Feb. 25.  
 Humidor. A. I. Lorenzen. 99,577; May 12.  
 Ice cream cone. J. Balton. 98,821; Mar. 10.  
 Ice cream cone. H. Payne. 102,092; Nov. 24.  
 Ice crusher and beverage container, Combined. T. J. Fegley and G. O. Leopold. 98,582; Feb. 18.  
 Identification emblem. L. F. Cargill. 98,714; Feb. 25.  
 Ignition coil. F. A. Oberheu. 98,777; Mar. 3.  
 Illumination housing and gauge, Combined. H. S. Baker and J. W. Motherwell. 100,837; Aug. 18.  
 Illuminator for X-ray films or similar articles. R. S. Cheney. 99,343; Apr. 21.  
 Indicator for headlights, Light. M. H. Mellen. 99,408; Apr. 21.  
 Indicator for vehicles, Direction. A. Wessig. 98,630; Feb. 18.  
 Indicator, Nonrepeating. A. R. Babcock. 100,192; June 30.  
 Inkwell. L. Crandall, J. W. Davis, and L. J. Lindquist. 99,001; Mar. 24.  
 Inkwell and penholder, Combined. E. Oldenbusch, Jr. 100,440; July 14.  
 Inkwell desk unit. C. G. Gregory. 98,767; Mar. 3.  
 Insect exterminator. C. E. Canning. 98,851-3; Mar. 10.  
 Iron, Electric. D. L. Hadley. 101,495; Oct. 6.  
 Jack. W. B. Runyan. 99,894; June 2.  
 Jack, Boot. M. O. Westbrook. 102,043; Nov. 24.  
 Jacket and attached cap, Combined. I. Gerstman. 101,494; Oct. 6.  
 Jacket or similar article. M. Shapiro. 98,905; Mar. 10.  
 Jacket or similar garment. T. E. Brown. 101,160; Sept. 8.  
 Jar. L. E. Adams. 100,307-8; July 7.  
 Jar. L. E. Adams. 100,750; Aug. 11.  
 Jar. W. B. Adams. 100,306; July 7.  
 Jar. B. F. Conner. 98,055; Jan. 7.  
 Jar. D. Factor. 100,010; June 16.  
 Jar. B. D. Fuerst. 99,639; May 12.  
 Jar. E. W. Fuerst. 98,857; Mar. 10.  
 Jar. E. W. Fuerst. 100,014; June 16.  
 Jar. E. W. Fuerst. 101,810; Nov. 3.  
 Jar. O. C. Noble. 99,137; Mar. 31.  
 Jar. F. Smith. 100,298; July 7.  
 Jar. F. Smith. 100,720-1; Aug. 4.  
 Jar. F. Smith. 101,563; Oct. 13.  
 Jar. F. Smith. 102,008; Nov. 17.  
 Jar. F. Smith. 102,456; Dec. 22.  
 Jar. J. F. Toner. 101,746; Oct. 27.  
 Jar. F. W. Werts. 98,899; Mar. 10.  
 Jar, Cream. F. McLaughlin. 101,878; Nov. 10.  
 Jar, Fish. M. S. Desser and E. W. Fuerst. 102,550; Dec. 29.  
 Jar or similar article. T. J. Piazzoli. 99,304; Apr. 14.  
 Jar or similar article. T. J. Piazzoli. 102,171; Dec. 1.  
 Jar or similar container. M. Norman. 99,363; Apr. 21.  
 Jar, Packer. F. J. Petty. 99,461; Apr. 28.  
 Jar, Tomato juice. J. Petaja. 100,122; June 23.  
 Jewelry charm or similar article. J. W. Taylor. 98,375; Jan. 28.  
 Jewelry finding for pins or the like. E. L. Morrow. 102,287; Dec. 8.  
 Jewelry stone. G. A. Armstrong. 101,436; Oct. 6.  
 Jug. A. I. Lorenzen. 98,081; Jan. 7.  
 Jug. C. H. Steinbiss. 100,341; July 7.  
 Jug or similar article. A. S. Knapp. 101,280; Sept. 22.  
 Keg. Kennel. M. A. Norton. 100,281; July 7.  
 Kettle. E. R. Zettler. 99,425; Apr. 21.  
 Keyboard for check writers. O. Slettevold. 99,219; Apr. 7.  
 Key, Can. G. Lesti and F. Wahl. 99,976; June 9.  
 Keyhole illuminator. J. C. Helm. 99,748; May 19.  
 Kit, Manicurist. E. Conradsen. 98,454; Feb. 4.  
 Kit, Sewing. G. Amato. 98,380; Jan. 28.  
 Kitchen, Portable field. R. N. Hanson. 99,021; Mar. 24.



- Knife. G. N. Coughlan. 99,855; June 2.  
 Knife or similar article. A. Wehde. 99,652; May 12.  
 Knife, Paring and peeling. T. Carangi. 99,656; May 12.  
 Knife, pencil and watch, Combined. J. Tamis. 101,073; Sept. 1.  
 Knob, Drawer. W. A. Anderson. 102,317; Dec. 15.  
 Knob for a gear shift lever or the like. J. Sinko. 101,826; Nov. 3.  
 Knob or similar article, Control. R. E. Patten. 98,956-7; Mar. 17.  
 Knob or similar article, Drawer. W. A. Anderson. 102,316; Dec. 15.  
 Label blank. M. Y. Flint. 98,927; Mar. 17.  
 Lace. E. E. Bancroft. 99,338; Apr. 21.  
 Lace. E. E. Bancroft. 102,491; Dec. 22.  
 Lace. S. N. M. Biddle. 99,851; June 2.  
 Lace. S. N. M. Biddle. 99,972; June 9.  
 Lace. L. Birnbaum. 98,452; Feb. 4.  
 Lace. L. Birnbaum. 100,522; July 21.  
 Lace. L. Birnbaum. 100,595; July 28.  
 Lace. L. Birnbaum. 100,725; Aug. 4.  
 Lace. L. Birnbaum. 102,074; Nov. 24.  
 Lace. L. Birnbaum. 102,493-7; Dec. 22.  
 Lace. G. D. Boysen. 98,106; Jan. 7.  
 Lace. G. D. Boysen. 98,494; Feb. 11.  
 Lace. G. D. Boysen. 98,641; Feb. 18.  
 Lace. G. M. Boysen. 100,243-4; June 30.  
 Lace. G. M. Boysen. 100,523-4; July 21.  
 Lace. J. Dognin. 98,645; Feb. 18.  
 Lace. J. Dognin. 99,348; Apr. 21.  
 Lace. J. Dognin. 99,658-60; May 12.  
 Lace. J. Dognin. 100,728; Aug. 4.  
 Lace. J. Dognin. 100,758-9; Aug. 11.  
 Lace. J. Dognin. 102,019; Nov. 17.  
 Lace. J. Dognin. 102,104-7; Nov. 24.  
 Lace. B. Edson. 98,298; Jan. 28.  
 Lace. B. Edson. 98,646; Feb. 18.  
 Lace. B. Edson. 98,755-6; Mar. 3.  
 Lace. B. Edson. 98,799-800; Mar. 3.  
 Lace. B. Edson. 100,596; July 28.  
 Lace. B. Edson. 100,760; Aug. 11.  
 Lace. B. Edson. 101,027-8; Sept. 1.  
 Lace. B. Edson. 101,597; Oct. 13.  
 Lace. B. Edson. 101,622; Oct. 20.  
 Lace. B. Edson. 102,077-8; Nov. 24.  
 Lace. B. Edson. 102,223-4; Dec. 1.  
 Lace. B. Edson. 102,358; Dec. 15.  
 Lace. B. Edson. 102,498; Dec. 22.  
 Lace. B. Edson. 102,586; Dec. 29.  
 Lace. F. Gehring. 98,392; Jan. 28.  
 Lace. F. P. Gehring. 99,861; June 2.  
 Lace. F. P. Gehring. 100,446-8; July 14.  
 Lace. F. P. Gehring. 100,997-8; Aug. 25.  
 Lace. F. P. Gehring. 102,298-9; Dec. 8.  
 Lace. F. P. Gehring. 102,363-4; Dec. 15.  
 Lace. H. Gehring. 100,369; July 14.  
 Lace. H. Giebel. 98,121; Jan. 7.  
 Lace. G. Harnapp. 101,357-8; Sept. 29.  
 Lace. L. E. Hart and H. E. Lewy. 101,986-7; Nov. 17.  
 Lace. L. E. Hart and H. E. Lewy. 102,080-82; Nov. 24.  
 Lace. M. J. Hertz. 102,228; Dec. 1.  
 Lace. H. W. Hucknall. 98,326; Jan. 28.  
 Lace. H. W. Hucknall. 98,672; Feb. 25.  
 Lace. H. W. Hucknall. 99,025-6; Mar. 24.  
 Lace. H. W. Hucknall. 99,028; Mar. 24.  
 Lace. S. Lindenbaum. 100,450; July 14.  
 Lace. S. Lindenbaum. 100,530; July 21.  
 Lace. J. Persky. 98,979-88; Mar. 17.  
 Lace. J. Persky. 99,044-5; Mar. 24.  
 Lace. J. Persky. 99,211; Apr. 7.  
 Lace. J. Persky. 99,460; Apr. 28.  
 Lace. E. Richard. 101,841; Nov. 3.  
 Lace. O. F. Schicker. 99,250; Apr. 7.  
 Lace. M. Solomon. 100,249-51; June 30.  
 Lace. M. Solomon. 100,532; July 21.  
 Lace. M. Solomon. 101,012; Aug. 25.  
 Lace. E. Supine. 101,261-2; Sept. 15.  
 Lace. J. Waterfield. 98,378; Jan. 28.  
 Lace. J. Waterfield. 98,487; Feb. 4.  
 Lace. J. Wiener. 102,216-19; Dec. 1.  
 Lace. J. Wiener. 102,243; Dec. 1.  
 Lace. J. D. Wiener. 98,127-32; Jan. 7.  
 Lace. J. D. Wiener. 98,192-8; Jan. 14.  
 Lace. J. D. Wiener. 98,379; Jan. 28.  
 Lace. J. D. Wiener. 98,469; Feb. 4.  
 Lace. J. D. Wiener. 98,701-5; Feb. 25.  
 Lace. J. D. Wiener. 98,900; Mar. 10.  
 Lace. J. D. Wiener. 100,905-11; Aug. 18.  
 Lace. I. Zendman, Jr. 102,244-5; Dec. 1.  
 Lace. I. Zendman, Jr. 102,405; Dec. 15.  
 Lace edging, Embroidered. H. Schwarber. 100,505-7; July 21.  
 Lace edging, Embroidered. H. Schwarber. 100,798-800; Aug. 11.  
 Ladle or the like, Powder. C. Grabhorn. 100,770; Aug. 11.  
 Lamp. H. A. Fisher. 101,253; Sept. 15.  
 Lamp. A. Gobstein. 101,868; Nov. 10.  
 Lamp. G. McS. Jackson. 99,030; Mar. 24.  
 Lamp. W. B. Petzold. 98,886; Mar. 10.  
 Lamp. L. Rosenfeld. 99,524; May 5.  
 Lamp. R. Strauss. 99,589; May 12.  
 Lamp. E. K. Wieland. 99,230; Apr. 7.  
 Lamp. L. M. Wiley. 99,755; May 19.  
 Lamp. A. M. Wolfson. 99,235; Apr. 7.  
 Lamp. S. Zidek. 101,411; Sept. 29.  
 Lamp and ashtray, Combined. H. De Garro. 98,798; Mar. 3.  
 Lamp and bracket therefor, Combined range. D. L. Hadley. 101,738; Oct. 27.  
 Lamp and fan, Combination. W. L. Kisling. 101,479; Oct. 6.  
 Lamp and siren, Combined. W. W. Scott. 100,504; July 21.  
 Lamp attachment or similar article, Motor vehicle head. H. B. Donley. 102,179; Dec. 1.  
 Lamp, Automobile. F. C. Cohen. 101,107; Sept. 8.  
 Lamp base. A. Lavoie. 101,480; Oct. 6.  
 Lamp base. H. A. Perlmutter. 98,610-11; Feb. 18.  
 Lamp base. H. A. Perlmutter. 98,654; Feb. 18.  
 Lamp base or similar article. J. Gottlieb. 101,356; Sept. 29.  
 Lamp base or similar article. H. M. Laxer. 99,871; June 2.  
 Lamp base or similar article. H. M. Laxer. 100,170; June 23.  
 Lamp base or similar article. B. Weissman. 98,100; Jan. 7.  
 Lamp body or similar article of manufacture. B. L. Baxley. 100,358; July 14.  
 Lamp, Candle. T. J. Muench and O. D. Guilfoil. 100,876; Aug. 18.  
 Lamp, Candle. M. Straus. 100,395-7; July 14.  
 Lamp casing. A. L. Arenberg. 98,105; Jan. 7.  
 Lamp, Cycle. H. L. Kraeft. 102,371-2; Dec. 15.  
 Lamp, Electric. N. Abrams. 98,818; Mar. 10.  
 Lamp, Electric. N. Bel Geddes. 98,908; Mar. 17.  
 Lamp, Electric. F. Furedy. 100,099; June 23.  
 Lamp for automotive vehicles, Signal. B. L. Bobroff. 101,666; Oct. 20.  
 Lamp, Glow. T. Lamb. 102,561; Dec. 29.  
 Lamp, Hanging. G. Montmartin. 102,438; Dec. 22.  
 Lamp, Health. L. P. Young. 98,791; Mar. 3.  
 Lamp house, Projector. G. Fassin. 98,924; Mar. 17.  
 Lamp or similar article. C. L. Fordyce. 100,917; Aug. 18.  
 Lamp or similar article. W. Klehr. 100,027-9; June 16.  
 Lamp or similar article, Flash. S. Osterman. 98,446; Feb. 4.  
 Lamp, Perfume burner. I. W. Rice. 99,963; June 9.  
 Lampshade. H. M. Laxer. 99,872; June 2.  
 Lamp, Signal. J. Arcelon. 99,923; June 9.  
 Lamp, Signal. J. D. Kennelly. 100,731; Aug. 11.  
 Lamp, Table. E. C. Godfrey. 99,081; Mar. 24.  
 Lamp, Wall bracket. O. G. Hildebrand. 98,253; Jan. 21.  
 Lantern or similar article. R. Gerth and J. Sinel. 101,112-13; Sept. 8.  
 Lantern, Portable electric. C. A. Glock. 101,771; Nov. 3.  
 Lavatory. H. Dreyfuss and R. H. Zinkil. 101,445; Oct. 6.  
 Lavatory and pedestal, Combined. H. Dreyfuss and R. H. Zinkil. 101,446; Oct. 6.  
 Leather. R. Bernheim. 99,567; May 12.  
 Leather. L. I. Friedman. 100,516; July 21.  
 Leather. L. I. Friedman. 100,766; Aug. 11.  
 Leather or similar article. N. Brezner. 99,990; June 16.  
 Leather or similar article. M. White. 98,656; Feb. 18.  
 Leather or similar article, Imitation. J. Corwin. 98,795; Mar. 3.  
 Leaves, Strip of artificial. W. Hoffmeister. 99,867; June 2.  
 Lens, Automobile. M. A. Smith. 101,145; Sept. 8.  
 Lens, Automobile. M. A. Smith. 102,097; Nov. 24.  
 Lens, Combined stop and tail lamp. S. M. Dover. 100,942; Aug. 25.  
 Lens, Combined stop and tail lamp. S. M. Dover. 101,488-9; Oct. 6.  
 Lens for motor vehicle lamps. O. C. Ritz-Woller. 98,624; Feb. 18.  
 Lens globe for an incandescent electric lamp. A. L. Arenberg. 99,104-5; Mar. 31.  
 Lens, Stop and tail lamp. S. M. Dover. 100,008; June 16.  
 Level, Dumpy. A. Langsner. 98,681; Feb. 25.  
 Level support. A. Langsner. 98,683; Feb. 25.  
 Level, V. A. Langsner. 98,682; Feb. 25.  
 Lever, Emergency brake. S. A. Snell. 100,603-4-5; July 28.  
 Lever for tank closures, Operating. W. M. Gadberry. 99,160; Mar. 31.  
 Lever for tank closures, Operating. J. M. Kramer. 99,163; Mar. 31.  
 License tag trim member. J. F. Martin. 101,817; Nov. 3.  
 Lid for a container. R. Capey. 98,229; Jan. 21.  
 Lid, Pouring. W. A. McNeel. 102,570; Dec. 29.  
 Light, Combination shrine and sickroom. P. Stinson. 101,799; Nov. 3.  
 Light, Combination tail and signal. B. Bleczinski. 102,075; Nov. 24.  
 Light, Dome. B. S. Floraday. 98,308; Jan. 28.  
 Light-emitting decorative device. E. J. Graf. 101,217; Sept. 15.  
 Light fixture. D. J. Biller. 100,981; Aug. 25.  
 Light for an automobile, Display. D. Duff, J. C. Elliott, and J. J. Flickinger. 98,663; Feb. 25.  
 Light for refrigerator cabinets or the like, Portable battery. W. B. Schulte. 101,406; Sept. 29.  
 Lighter. J. Gaiter. 99,786; May 26.  
 Lighter and ashtray, Combined cigarette. E. K. Lincoln. 99,952; June 9.



- Lighter and cigarette container, Combined pyrophoric. L. V. Aronson. 98,991; Mar. 24.
- Lighter and support, Combined electric cigar. T. O. Wright. 100,978; Aug. 25.
- Lighter and thermometer, Combined wall. W. J. Richardson. 101,288; Sept. 22.
- Lighter, Cigar and cigarette. J. Kohen. 100,169; June 23.
- Lighter, Cigarette. R. E. Berthold. 98,136; Jan. 14.
- Lighter, Cigarette. G. Mulligan. 99,041; Mar. 24.
- Lighter, Cigarette and cigar. I. Florman. 98,245; Jan. 21.
- Lighter, cigarette receptacle, and ashtray, Combined. E. K. Lincoln. 99,950-1; June 9.
- Lighter, Fire. G. H. Reimer. 101,397; Sept. 29.
- Lighter or the like, Pocket. T. M. Gibson. 98,393; Jan. 28.
- Lighter, Pocket. E. K. Lincoln. 99,949; June 9.
- Lighter, Polygonal cigarette. A. S. Weston. 102,461; Dec. 22.
- Lighter, Pyrophoric. L. V. Aronson. 99,106; Mar. 31.
- Lighting fixture. A. R. Butterworth. 102,544; Dec. 29.
- Lighting fixture. O. G. Hildebrand. 101,121; Sept. 8.
- Lighting fixture. F. F. Holstein. 98,475; Feb. 4.
- Lighting fixture. A. A. Johnson. 98,329; Jan. 28.
- Lighting fixture. J. F. O'Brien. 99,298; Apr. 14.
- Lighting fixture. M. W. Ross and E. D. Tillson. 99,754; May 19.
- Lighting fixture. E. F. Sibbert. 100,677; Aug. 4.
- Lighting fixture. J. Stutz. 102,526; Dec. 29.
- Lighting fixture. F. C. Winkler. 101,317; Sept. 22.
- Lighting fixture, Ceiling. G. B. Hurlbut. 101,872; Nov. 10.
- Lighting fixture for typewriters. E. L. Brown. 101,916; Nov. 10.
- Lighting fixture or similar article. A. E. Larsen. 102,563; Dec. 29.
- Lighting fixture, Street. A. F. Bick. 100,811; Aug. 11.
- Lighting unit. J. W. Gosling. 98,112; Jan. 7.
- Lighting unit. J. W. Gosling. 98,394; Jan. 28.
- Lighting unit. J. W. Gosling. 99,661; May 12.
- Lighting unit. C. A. B. Halvorson. 100,102; June 23.
- Lighting unit, Decorative. A. Abramson. 99,637; May 12.
- Lighting unit, Twin socket. G. H. Weiner. 102,015; Nov. 17.
- Link, Cuff. G. F. Brecht. 102,177; Dec. 1.
- Link for a watch bracelet. S. Ritter. 98,618-19; Feb. 18.
- Link for a watch bracelet. S. Ritter. 98,621; Feb. 18.
- Link for cravat holders or analogous articles, Character bearing. H. G. Anderson. 98,707-9; Feb. 25.
- Link for watch bracelets or the like. M. H. Le Marr. 101,371; Sept. 29.
- Link of a bracelet chain, Terminal. E. Prestinari. 99,630; May 12.
- Lipstick and holder therefor, Combination. M. H. and M. S. Stein. 102,151; Dec. 1.
- Lip stick holder and mirror, Combination. E. L. Anderson. 100,680; Aug. 4.
- Liquid dispensing apparatus. W. M. Griffin. 99,193; Apr. 7.
- Lock. A. Levine. 101,231; Sept. 15.
- Lock, Combination. S. R. Fraim. 101,452; Oct. 6.
- Locker or similar article, Metal. C. A. Johnson. 100,213; June 30.
- Locomotive. E. J. W. Ragsdale. 98,126; Jan. 7.
- Loudspeaker faceplate. B. A. Engholm. 98,715; Feb. 25.
- Loudspeaker support and baffle, Combined. P. Crosley, Jr. 98,416; Feb. 4.
- Love-seat and chair or similar article, Combined. J. B. Nathan. 99,959; June 9.
- Lubricating unit. B. M. Stephens. 98,278; Jan. 21.
- Luminair. J. W. Gosling. 100,556; July 28.
- Luminaire. J. W. Gosling. 102,553; Dec. 29.
- Macaroni. G. Tanzi. 100,510; July 21.
- Macaroni. G. Tanzi. 100,975; Aug. 25.
- Machine casing and wringer, Combined washing. J. R. Morgan. 99,888; June 2.
- Magazine for a machine for dispensing spherical objects, Storage. F. M. Moninger. 101,388; Sept. 29.
- Marimba. C. O. Musser. 100,334; July 7.
- Marker for public highways, Road. V. Pellicone. 101,885; Nov. 10.
- Marker, Grave. L. B. Seibert and N. N. Williams. 102,517-18; Dec. 29.
- Marker, Road. C. L. Moorman. 101,134; Sept. 8.
- Marksmanhip practicing apparatus. D. C. Rockola. 101,744; Oct. 27.
- Mashing apparatus or similar article. H. K. White, G. A. Stephen, and L. Ehrenfeld. 101,909; Nov. 10.
- Mass card holder. W. F. Liska. 98,116; Jan. 7.
- Massage appliance head. D. M. Ackerman. 101,263; Sept. 22.
- Massage device, Electrotherapeutic. H. D. Sandstone. 101,652; Oct. 20.
- Massaging device, Facial. E. Stranzsky. 100,481; July 21.
- Mat. I. Klaff. 102,592; Dec. 29.
- Mat or similar article, Embossed hot dish. N. C. Brewer. 100,197; June 30.
- Match book. L. J. Whitestone. 99,969; June 9.
- Match book. L. J. Whitestone. 101,020; Aug. 25.
- Material, Shoe upper. C. H. Daniels. 99,856; June 2.
- Materials testing machine. R. W. Dinzl. 100,941; Aug. 25.
- Materials testing machine. R. W. Dinzl. 100,991; Aug. 25.
- Materials testing machine. R. W. Dinzl. 102,323-4; Dec. 15.
- Measure and dispenser, Combined beverage. R. L. Hubbard and R. J. Burke. 101,955; Nov. 17.
- Medal. S. L. Behnke. 99,387; Apr. 21.
- Medal. H. McCullough. 98,269; Jan. 21.
- Medal or similar article. D. A. Parish. 102,064; Nov. 24.
- Medallion. M. C. Holmes. 101,954; Nov. 17.
- Medallion. M. A. Stevens. 100,803; Aug. 11.
- Metal border strip for hollowware. J. A. Despres. 100,549; July 28.
- Meter and connection box, Combination electric. I. F. Kinnard. 100,783; Aug. 11.
- Meter device, Parking. C. C. Magee. 98,810; Mar. 3.
- Meter, Parking. H. L. Long and H. S. Johns. 99,877; June 2.
- Meter, Parking. H. Masterson. 100,276; July 7.
- Meter, Parking. S. L. Miller. 101,237; Sept. 15.
- Meter, Parking. D. C. Rockola. 101,067-8; Sept. 1.
- Meter, Parking. N. M. Seeburg, W. N. Woodruff, and J. A. Shelley. 99,553; May 5.
- Mirror. J. J. Connors. 102,414; Dec. 22.
- Mirror and memorandum tablet or similar article, Combination. J. H. Fox. 100,365; July 14.
- Mirror and support therefor, Combined truck. O. C. Ritz-Woller. 98,695; Feb. 25.
- Mirror floral display device. R. C. Sharp. 98,549; Feb. 11.
- Mirror, Hand. E. Marder. 100,475; July 21.
- Mirror, Hand. E. Marder. 100,531; July 21.
- Mirror, Hand. E. Marder. 101,085; Sept. 1.
- Mirror, Hand. E. Marder. 101,172; Sept. 8.
- Mirror, Hand. E. Marder. 101,377; Sept. 29.
- Mirror, Hand. A. Wewetzer. 100,747; Aug. 4.
- Mirror or similar article. F. E. A. W. Bergaud. 102,409; Dec. 22.
- Mirror or similar article, Hand. J. A. Despres. 98,148; Jan. 14.
- Mirror or the like, Hand. C. H. Lawrence. 98,398; Jan. 28.
- Mirror or the like, Hand. A. F. Reilly. 101,556; Oct. 13.
- Mit, Wash. A. Abraham. 99,840; June 2.
- Mitt, Football. R. D. Ovenden. 100,283; July 7.
- Mixer and fruit juicer, Combined electric food. R. E. Kruck. 101,703; Oct. 27.
- Mixer, Electric food. R. E. Kruck. 101,702; Oct. 27.
- Mixer, Food. B. E. Lawrence. 101,125; Sept. 8.
- Mixer or similar article, Electric food. G. T. Scharfenberg. 102,148; Dec. 1.
- Moccasin. B. H. Foster. 102,419; Dec. 22.
- Moistening device. B. G. Klein. 101,741; Oct. 27.
- Mold for lamb patties or the like. H. Geroux. 99,543; May 5.
- Mold, Meat. E. Little. 100,705; Aug. 4.
- Molding or similar article. J. Ingrassia. 101,367; Sept. 29.
- Monoplane, Low wing, tandem propeller, pusher. J. G. Taylor, R. C. Wilson, B. S. Kelsey, and O. A. Swanson. 100,608; July 28.
- Monoplane, Midwing, tandem propeller, pusher. R. C. Wilson, B. S. Kelsey, and O. A. Swanson. 100,609; July 28.
- Monoplane with longitudinal side wings, Tailless. E. F. Wagner. 99,740; May 19.
- Monument. J. H. Wise. 102,047; Nov. 24.
- Motor and enclosed switch, Combined portable. F. G. Douglass. 98,423; Feb. 4.
- Motor and pump, Combined. W. H. Beckett and A. G. Horvath. 99,261; Apr. 14.
- Motorcycle side car body. F. C. Sharp. 99,831; May 26.
- Motor for boats, Outboard. O. C. Linthwaite. 101,232; Sept. 15.
- Mount, Photographic. E. Koudelka. 100,030; June 16.
- Mounting for a pulley-carrying motor. W. D. Hamerstadt. 98,512; Feb. 11.
- Mounting, Ophthalmic. C. O. Cozzens and E. M. Splaine. 102,127; Dec. 1.
- Mower, Lawn. P. C. Young and M. F. Crawford. 101,512; Oct. 6.
- Muddler. T. E. Pennington. 99,825; May 26.
- Musical instrument. R. Dopyera. 98,295-6; Jan. 28.
- Musical instrument. V. Seaver. 98,370; Jan. 28.
- Musical instrument, Humming. R. D. Peebles. 101,969; Nov. 17.
- Nail, Decorative. B. Salzberg. 101,716-18; Oct. 27.
- Nail file. M. Schnefel. 100,797; Aug. 11.
- Nail, Upholstery. L. Le Breux. 101,962; Nov. 17.
- Nail, Upholstery. O. Schuster. 101,971-3; Nov. 17.
- Napkin or similar article of paper. L. P. Nelson. 99,412; Apr. 21.
- Neck for a string instrument. H. A. Harlin. 102,164; Dec. 1.
- Necktie. R. Ross. 102,037; Nov. 24.
- Necktie holder. F. R. Culver. 98,057; Jan. 7.
- Needle, Knitting. I. S. Ellis. 99,273; Apr. 14.
- Negligee. J. Luffy. 100,431; July 14.
- Negligee. S. S. Pedlar. 100,080; June 16.
- Net, Embroidered. J. J. Blackstone. 102,103; Nov. 24.
- Net, Embroidered. J. J. Blackstone. 102,222; Dec. 1.
- Net, Embroidered. J. J. Blackstone. 102,463; Dec. 22.
- Net, Embroidered. A. Walter. 101,905; Nov. 10.
- Nightgown. I. Lieberman. 99,718; May 19.
- Nightgown. I. Lieberman. 100,429; July 14.



- Nightgown. S. S. Pedlar. 99,551; May 5.  
 Nightgown. S. S. Pedlar. 101,202; Sept. 8.  
 Nightgown. H. Weisman. 102,536; Dec. 29.  
 Nipple. J. Little. 100,171; June 23.  
 Nipple, Bottle. N. P. Steckler. 102,213; Dec. 1.  
 Nonrepeating indicator. A. R. Babcock. 98,381; Jan. 28.  
 Nozzle and meter, Combination dispensing. J. C. Miller. 100,385; July 14.  
 Nozzle, Hose. H. A. Kramer. 98,259; Jan. 21.  
 Nozzle, Vacuum cleaner. G. E. Lofgren. 99,719; May 19.  
 Oil burner. E. J. Lattner. 99,354-5; Apr. 21.  
 Oilcloth, Embroidered. M. H. Ehrman. 100,597-8; July 28.  
 Opener, and screw driver, Combined can, bottle, and jar. M. C. Frins. 100,469; July 21.  
 Opener, Carton. L. Billbimer. 98,994; Mar. 24.  
 Opener, Container. R. G. Smythe. 98,968; Mar. 17.  
 Ornament, Artificial tree. D. S. Miltenberger. 101,788; Nov. 3.  
 Ornament, Automobile. W. H. Coughlan. 100,090; June 23.  
 Ornament, Automobile. H. V. Henderson. 100,497; July 21.  
 Ornament, Automobile hood ridge. C. L. Furlong. 100,492; July 21.  
 Ornament, Automobile hood ridge. P. Marienthal. 99,878; June 2.  
 Ornament, Automobile radiator. H. Brandies. 99,989; June 16.  
 Ornament, Automobile radiator. F. Q. Hershey. 98,068; Jan. 7.  
 Ornament, Automobile radiator cap. A. Sebek. 102,007; Nov. 17.  
 Ornament, Automobile radiator cap. A. Sebek. 102,067; Nov. 24.  
 Ornament, Automotive vehicle hood ridge. G. Berkson. 101,577; Oct. 13.  
 Ornament, Boat. L. K. Franklin. 98,761; Mar. 3.  
 Ornament, Christmas tree. P. Kranz and A. P. Schmid. 98,528-9; Feb. 11.  
 Ornament, Christmas tree. P. Kranz and A. P. Schmid. 98,866; Mar. 10.  
 Ornament, Christmas tree. M. Pretzfelder. 99,098; Mar. 24.  
 Ornament, Dancing figure. L. K. Franklin. 100,013; June 16.  
 Ornament for a casket or analogous article, Corner. R. Larson. 99,603; May 12.  
 Ornament for a casket or analogous article, Corner. R. Larson. 101,230; Sept. 15.  
 Ornament for a shoe or other article of wearing apparel. J. G. Samuels. 100,294; July 7.  
 Ornament for a shoe or other article of wearing apparel. T. R. Samuels. 100,881; Aug. 18.  
 Ornament, Mantel. E. W. Menger. 101,383; Sept. 29.  
 Ornament or similar article, Automobile radiator. A. J. Gonas. 100,693; Aug. 4.  
 Ornament or similar article, Radiator. A. V. Lapteff. 102,112; Nov. 24.  
 Ornament, Radiator. H. Brandies. 99,988; June 16.  
 Ornament, Radiator. F. Q. Hershey. 101,990; Nov. 17.  
 Ornament, Radiator. W. R. Milner. 101,998; Nov. 17.  
 Ornament, Radiator cap. L. K. Franklin. 100,098; June 23.  
 Ornament, Radiator cap. L. K. Franklin. 100,491; July 21.  
 Ornamental plate for a casket or analogous article. R. Larson. 99,289; Apr. 14.  
 Overall. O. E. Kratz. 101,779; Nov. 3.  
 Overall bib. L. Jacobson. 98,863; Mar. 10.  
 Overshoe. B. B. Craver. 101,936-7; Nov. 17.  
 Overshoe or similar article. E. W. Dunbar. 100,854; Aug. 18.  
 Pad, Chair cushion. C. Hanna. 102,328; Dec. 15.  
 Pad, Infant's play. F. T. J. Roemer. 99,964; June 9.  
 Padlock. W. H. Booth. 99,112; Mar. 31.  
 Padlock. S. C. Slaymaker. 99,554; May 5.  
 Padlock. S. C. Slaymaker. 99,732; May 19.  
 Pad, Memorandum. L. Guild. 98,316; Jan. 28.  
 Pail or the like, Paper. T. T. Jepson. 100,025; June 16.  
 Pail or the like, Paper. W. A. Rike. 99,893; June 2.  
 Pajamas, or similar article. E. B. Stricker. 101,409; Sept. 29.  
 Pan, Broiler. M. C. Friedman and I. M. Stone. 102,362; Dec. 15.  
 Panel. L. W. Rose. 101,558; Oct. 13.  
 Panel. F. M. Vogan. 101,574; Oct. 13.  
 Panel and bezel for ash receivers, Combined face. J. Visser. 98,282-3; Jan. 21.  
 Panel and bezel for ash receivers, Combined face. J. Visser. 98,466; Feb. 4.  
 Panel and lighting unit for cooking ranges, Combined back splash. J. Beevar. 102,541; Dec. 29.  
 Panel for bathtubs, Shower. G. Sakier. 102,447; Dec. 22.  
 Pantie, Elastic. H. L. Stern. 101,755; Oct. 27.  
 Panties. H. Lee. 98,867-72; Mar. 10.  
 Panties. H. Lee. 101,170-1; Sept. 8.  
 Pants and spats, Combined ski. B. Fischer. 100,419; July 14.  
 Pants, Baby. A. N. Spanel. 98,450; Feb. 4.  
 Pants, Baby. A. N. Spanel. 98,463; Feb. 4.  
 Pants, Baby. A. N. Spanel. 99,528; May 5.  
 Pants, Latex. A. N. Spanel. 99,529; May 5.  
 Paper or similar article, Book. J. T. Cronk. 101,595; Oct. 13.  
 Paper or similar article, Cover. W. S. Fowler. 102,269; Dec. 8.  
 Paper or similar article, Cover. R. M. Grunden. 100,859; Aug. 18.  
 Paper or the like, Decorative. F. McIntosh. 99,406; Apr. 21.  
 Paper, Shelf. E. Karfiol. 99,284; Apr. 14.  
 Paper weight, clock, calendar, and support therefor, Combined. G. W. Blow. 98,049; Jan. 7.  
 Paperweight or like article. D. L. Cullinan. 100,543; July 28.  
 Parser or similar article. F. Wisser. 102,158; Dec. 1.  
 Pedal and crank for a cycle, Combined. H. L. Kraefft. 102,378; Dec. 15.  
 Pedestal and housing for dispensing apparatus, Combined lamp. W. M. Hutchison. 101,364-5; Sept. 29.  
 Pedestal lamp. L. Levenson. 98,079; Jan. 7.  
 Pellet. E. T. Meakin. 100,381; July 14.  
 Pen, Fountain. W. Bowker and R. P. Piperoux. 98,493; Feb. 11.  
 Pen, Fountain. W. Bowker and R. P. Piperoux. 99,183; Apr. 7.  
 Pen, Fountain. J. Hill. 98,515-6; Feb. 11.  
 Pen, Fountain. M. W. Peters. 99,213; Apr. 7.  
 Pen, Fountain. C. Wada. 100,351; July 7.  
 Pen or similar article, Fountain. J. Hill. 100,373; July 14.  
 Pen or similar article. Fountain. E. F. Molyneux. 100,962-9; Aug. 25.  
 Pen or similar article, Fountain. C. R. Sheaffer. 99,218; Apr. 7.  
 Pen or similar article, Fountain. H. E. Smith. 101,258; Sept. 15.  
 Pen or similar article, Fountain. M. G. Sypher. 100,970; Aug. 25.  
 Pen or similar article, Fountain. A. Winter. 98,560; Feb. 11.  
 Pen set and paperweight, Combined. W. A. Nadvornik. 101,708; Oct. 27.  
 Pencil. E. J. Britton. 98,496; Feb. 11.  
 Pencil. A. L. Davis. 102,049; Nov. 24.  
 Pencil. F. C. Dell. 99,346; Apr. 21.  
 Pencil. D. Juelss. 98,522; Feb. 11.  
 Pencil. E. C. Kubler and R. E. Friedlein. 101,124; Sept. 8.  
 Pencil. J. P. Lynn. 100,380; July 14.  
 Pencil, Mechanical. J. P. Lynn. 98,265; Jan. 21.  
 Pencil, Mechanical. M. W. Peters. 99,212; Apr. 7.  
 Pencil, Mechanical lead. R. Back. 98,414; Feb. 4.  
 Pencil or article of similar nature, Mechanical lead. P. Z. Blosier. 100,845; Aug. 18.  
 Pencil sharpening device. H. Lobel and L. Di Spalatro. 98,877; Mar. 10.  
 Pencil tip. M. Caffrey. 99,595; May 12.  
 Pendant. A. Katz. 101,368; Sept. 29.  
 Pendant. D. Ornstein. 100,580; July 28.  
 Phonograph, Coin controlled. B. E. Richardson and R. W. Willey. 98,737; Feb. 25.  
 Photomount insert card. O. Gross. 101,454-6; Oct. 6.  
 Piano. C. E. Cameron, Jr. 100,463; July 21.  
 Piano. C. A. Jacob, Jr. 99,810-11; May 26.  
 Piano. G. L. Miller. 98,272-3; Jan. 21.  
 Piano. W. Zaiser. 99,322; Apr. 14.  
 Piano. W. Zaiser. 101,296; Sept. 22.  
 Piano. W. Zaiser. 102,490; Dec. 22.  
 Piano bar. K. M. Metcalf. 100,278; July 7.  
 Piano case. G. C. Kavanagh. 98,115; Jan. 7.  
 Piano case. G. C. Kavanagh. 98,170; Jan. 14.  
 Piano, Grand. C. Farny. 101,767; Nov. 3.  
 Piano or similar article. J. L. Krasnick. 101,540; Oct. 13.  
 Piano or similar article. J. L. Krasnick. 101,778; Nov. 3.  
 Piano or similar article. J. L. Krasnick. 102,381; Dec. 15.  
 Piano, Upright. H. R. Heller. 98,768; Mar. 3.  
 Piano, Upright. W. Zaiser. 98,102-4; Jan. 7.  
 Pianoforte. W. Evans. 100,319; July 7.  
 Pianoforte. M. V. Jacobs. 100,427; July 14.  
 Picture film viewing machine, Motion. W. J. Lumbleau. 98,534-5; Feb. 11.  
 Picture projector, Motion. H. A. De Vry. 101,766; Nov. 3.  
 Pillow slip or similar article. J. L. Freund. 98,153-5; Jan. 14.  
 Pillow top. J. Kaplan. 98,865; Mar. 10.  
 Pincushion. P. M. McKay. 102,436; Dec. 22.  
 Pin, Novelty. G. O. Fales. 100,320; July 7.  
 Pin or similar article, Brooch. M. Handman. 98,937; Mar. 17.  
 Pin or similar article, Brooch. R. Massa. 102,384; Dec. 15.  
 Pin or similar article, Brooch. R. Massa. 102,436; Dec. 22.  
 Pin or similar article, Campaign. W. Jordan. 101,122; Sept. 8.  
 Pipe, Smoking. A. P. Altizer and H. Sholund. 102,406; Dec. 22.  
 Pipe, Soap bubble. G. A. Mausolf. 98,687; Feb. 25.  
 Piston peening machine. C. F. Shuler. 101,292; Sept. 22.  
 Pitcher. H. H. Boyce. 101,207; Sept. 15.  
 Pitcher. W. E. Mackelfresh, Jr. 102,088; Nov. 24.  
 Pitcher or similar article. B. Kogan. 101,961; Nov. 17.  
 Plaque or similar article. S. W. Chiles. 100,201; June 30.  
 Plastic sheet or similar article. W. Bowker. 102,250-1; Dec. 8.



- Plastic sheet or similar article. H. E. Smith. 101,259; Sept. 15.
- Plate. J. B. Clark. 98,052; Jan. 7.
- Plate. J. L. Pasmantier. 101,883-4; Nov. 10.
- Plate and service tray, Combination dining. W. T. Blackinton. 101,730; Oct. 27.
- Plate, Combined ornamental display and name. B. M. Solomon. 100,229; June 30.
- Plate, Escutcheon. R. E. Patten. 100,121; June 23.
- Plate, Flush. H. J. Carlson. 100,088; June 23.
- Plate for a radio receiver, Escutcheon. R. C. Marholz. 99,628; May 12.
- Plate for check writers, Index. J. P. Hunter. 99,808; May 26.
- Plate, Loose leaf binder. F. Bodenhofer. 100,085; June 23.
- Plate or similar article. A. J. Bennett. 98,825; Mar. 10.
- Plate or similar article. M. E. Bird. 100,844; Aug. 18.
- Plate or similar article. Y. Buma. 98,140-4; Jan. 14.
- Plate or similar article. Y. Buma. 98,211-26; Jan. 21.
- Plate or similar article. Y. Buma. 98,827-49; Mar. 10.
- Plate or similar article. Y. Buma. 100,063-70; June 16.
- Plate or similar article. Y. Buma. 101,269-70; Sept. 22.
- Plate or similar article. R. G. Cowan. 100,851; Aug. 18.
- Plate or similar article. R. G. Cowan. 101,520; Oct. 13.
- Plate or similar article. A. Eckert. 102,356; Dec. 15.
- Plate or similar article. J. E. Goodwin. 98,064; Jan. 7.
- Plate or similar article. E. J. Johnson. 99,031; Mar. 24.
- Plate or similar article. E. J. Johnson. 100,106-7; June 23.
- Plate or similar article. B. N. Kane. 100,778; Aug. 11.
- Plate or similar article. B. N. Kane. 102,109; Nov. 24.
- Plate or similar article. C. W. Leigh. 100,326-32; July 7.
- Plate or similar article. C. W. Leigh. 101,588; Oct. 13.
- Plate or similar article. J. D. McKee. 101,380; Sept. 29.
- Plate or similar article. E. W. Newton. 100,578; July 28.
- Plate or similar article. V. Schreckengost. 99,052; Mar. 24.
- Plate or similar article. D. C. Sloan. 99,899; June 2.
- Plate or similar article. A. M. Walker. 99,228; Apr. 7.
- Plate or similar article. G. Wesp. 101,153; Sept. 8.
- Plate or similar article. J. T. Wigley. 100,238; June 30.
- Plate or similar article. H. F. Wood, Jr. 98,561-2; Feb. 11.
- Plate or similar article, Glass. H. H. Blau. 101,612; Oct. 20.
- Plate or similar article, Glass. J. E. Duncan, 3d, and R. A. May. 101,983; Nov. 17.
- Plate or similar article, Glass. W. von Nessen. 101,410; Sept. 29.
- Plate, Pie. L. Podlein. 101,242; Sept. 15.
- Plate, Radio dial escutcheon. W. E. Salyards, Jr. 101,890; Nov. 10.
- Platter. L. Guild. 98,322; Jan. 28.
- Platter, Serving. B. Junger. 99,127; Mar. 31.
- Platter, Serving. J. G. Rideout. 101,399; Sept. 29.
- Playground climbing apparatus. A. B. Horne. 100,562; July 28.
- Playsuit. H. Kaplan. 100,167; June 23.
- Plug, Electric attachment. H. Dreyfuss. 100,527; July 21.
- Plug or similar article, Electric attachment. H. Dreyfuss. 100,490; July 21.
- Plug valve body. E. C. Brisbane. 99,699; May 19.
- Pocket receptacle, Flexible. W. R. Buxton. 98,107-8; Jan. 7.
- Poker chip or similar article. G. J. Crosman. 100,853; Aug. 18.
- Pompon or similar article, Decorative. R. J. D'Aschbach. 100,939; Aug. 25.
- Post, Bowling alley newel. F. Birren. 100,084; June 23.
- Post office building unit, Miniature. O. D. Clements. 98,498; Feb. 11.
- Pot, Barbecue. J. M. Huntington. 99,126; Mar. 31.
- Pouch, Pencil. H. Hassenfeld. 98,250-1; Jan. 21.
- Pouch, Tobacco. W. P. Koeller. 98,525; Feb. 11.
- Press, Self-contained hydraulic. H. F. MacMillin. 100,432; July 14.
- Prie Dieu. W. F. Liska. 98,771-3; Mar. 3.
- Printing frame, Vacuum. M. Annick. 99,922; June 9.
- Projector. G. Fassin. 101,522; Oct. 13.
- Projector. J. R. Miles. 101,547; Oct. 13.
- Projector or article of similar nature. J. F. Briscoe. 98,495; Feb. 11.
- Projector or similar article. G. Kende and E. M. Porter. 101,956; Nov. 17.
- Propeller, Fan. E. Newnham. 102,390; Dec. 15.
- Prophylactic device for the oral cavity. E. I. and A. R. Brothers. 102,048; Nov. 24.
- Pull for slide fasteners. C. D. Barrett. 100,839-42; Aug. 18.
- Pull tab for slide fasteners. A. Walker. 98,556; Feb. 11.
- Pump. R. Bernhardt. 98,976; Mar. 17.
- Pump and reversible head combination, Rotary. P. C. Petersen. 100,040; June 16.
- Pump, Gasoline dispensing. G. T. Hudspeth. 99,546; May 5.
- Pump unit for oil burners. E. J. Lattner. 101,993-4; Nov. 17.
- Pump unit, Water system. S. E. Larson. 101,992; Nov. 17.
- Rack and dressing table, Combined reading. J. J. O'Neill. 99,414; Apr. 21.
- Rack and solder bars contained therein, Combined display. E. V. Halligan. 100,266; July 7.
- Rack, Article supporting. L. Remling. 99,307; Apr. 14.
- Rack, Book. J. H. Jewett. 99,396; Apr. 21.
- Rack, Combined book and magazine. J. H. Jewett. 99,394; Apr. 21.
- Rack, Combined flowerpot and seed package display. F. T. Radley. 101,139; Sept. 8.
- Rack compact, Pipe. A. Herst. 101,529; Oct. 13.
- Rack, Display. W. M. Bodine and W. C. Marshall. 99,539; May 5.
- Rack, Display. S. C. Earley. 98,297; Jan. 28.
- Rack, Display. F. L. Pollard. 100,285; July 7.
- Rack for bread or the like. M. Petersen. 99,214; Apr. 7.
- Rack for windshield cleaning compounds. J. G. Haglock. 99,796; May 26.
- Rack, Grease gun. A. F. Dean. 99,541-2; May 5.
- Rack, Grease gun. A. F. Dean. 99,559; May 5.
- Rack, Hand gun carrier. I. L. Eastman. 99,074; Mar. 24.
- Rack, Mail. B. Meurling. 100,873; Aug. 18.
- Rack, Necktie. A. R. Brothers. 98,383; Jan. 28.
- Rack or similar article, Book. F. D. Farr. 99,120-1; Mar. 31.
- Rack or similar article, Book. F. D. Farr. 101,521; Oct. 13.
- Rack, Tie. M. H. Jeffries. 101,874; Nov. 10.
- Radiant for heaters. R. C. Deigert. 100,990; Aug. 25.
- Radiant heater. R. C. Deigert. 99,780-82; May 26.
- Radiator, Floor. M. Coyne. 99,431; Apr. 28.
- Radiator front. W. Storrie. 100,804; Aug. 11.
- Radiator or similar article. M. Stefanczyk. 98,408-10; Jan. 28.
- Radiator shell and deflector, Combined. B. Kirsch and A. B. Medville. 99,241; Apr. 7.
- Radiator shell and head lamp, Combined. E. Zohrer. 101,431-3; Sept. 29.
- Radiator shell for a motor vehicle. A. de Sakhnoffsky. 98,919; Mar. 17.
- Radio antenna, Automobile. R. M. Smith. 99,977; June 9.
- Radio cabinet. H. Berg. 101,611; Oct. 20.
- Radio cabinet. L. Blazey. 100,146; June 23.
- Radiocabinet. R. L. Chipman, Jr. 98,233-5; Jan. 21.
- Radiocabinet. R. L. Chipman, Jr. 99,598; May 12.
- Radio cabinet. M. Hanson. 101,775; Nov. 3.
- Radio cabinet. R. C. Hulbert. 98,521; Feb. 11.
- Radio cabinet. G. B. Jensen. 98,477; Feb. 4.
- Radiocabinet. M. C. Pumphrey. 98,183; Jan. 14.
- Radio cabinet. R. Z. Snyder. 100,129; June 23.
- Radio cabinet. J. Stevens. 100,131-3; June 23.
- Radiocabinet, Automobile. D. Housman. 99,573-4; May 12.
- Radio cabinet or similar article. C. L. Allison. 100,143; June 23.
- Radio cabinet or similar article. R. Silverstein. 98,550; Feb. 11.
- Radio cabinet or similar article. R. D. Siragusa. 100,179; June 23.
- Radiocabinet or similar article. G. Vandenbraak. 99,148; Mar. 31.
- Radio cabinet or similar article, Portable. R. F. Stewart. 98,552; Feb. 11.
- Radio dial escutcheon plate. R. E. Patten. 99,210; Apr. 7.
- Radio receiving set. D. J. Crowley. 101,981; Nov. 17.
- Radio speaker unit, Automobile. J. H. Little. 100,216; June 30.
- Rail bender. I. D. Marsh. 101,282; Sept. 22.
- Rail or similar article, Kneeling. L. A. Goldsmith. 102,051; Nov. 24.
- Raincape, Reversible. J. Stein. 102,009; Nov. 17.
- Range. C. H. and R. F. Hoffstetter. 102,430; Dec. 22.
- Range. E. D. Pellegrin. 99,365-6; Apr. 21.
- Range. J. C. Rogers. 101,714-15; Oct. 27.
- Range. A. O. Spooneman. 100,130; June 23.
- Range. A. Stockstrom and A. H. Brodbeck. 98,553; Feb. 11.
- Range. A. Stockstrom and A. H. Brodbeck. 102,525; Dec. 29.
- Range. A. Stockstrom and A. H. Brodbeck. 102,596; Dec. 29.
- Range. W. L. Vocke. 101,183; Sept. 8.
- Range and air circulating heater, Combination. J. E. Leonard. 101,083; Sept. 1.
- Range, Combination coal and gas. H. T. Burrow. 99,265; Apr. 14.
- Range, Combination coal and gas. H. Lange. 100,108; June 23.
- Range, Cooking. F. D. Chapman. 101,209; Sept. 15.
- Range, Cooking. D. F. Jones and M. F. Cotes. 101,586; Oct. 13.
- Range, Cooking. J. A. Underwood. 99,318; Apr. 14.
- Range, Gas. D. L. Hadley. 101,735-7; Oct. 27.
- Range or similar article. J. R. Halev. 101,985; Nov. 17.
- Razor handle. A. F. Reilly. 98,692; Feb. 25.
- Receptacle. A. S. Karper. 99,399; Apr. 21.
- Receptacle and honer, or similar article, Combined safety razor blade. L. Plante. 101,088; Sept. 1.
- Receptacle and individual article container, Combined multiple display. H. Schiller. 99,419; Apr. 21.
- Receptacle and plug connector, Combined electrical. R. E. Patten. 100,602; July 28.
- Receptacle, Combined ash, tobacco, and match. L. L. Hayes. 100,454; July 14.



- Receptacle, Flexible pocket. W. R. Buxton. 102,411; Dec. 22.
- Receptacle for liquids, Combined carbonating and dispensing. C. F. Lozon. 101,786; Nov. 3.
- Receptacle for manicure implements or similar article. L. D. Young. 101,093; Sept. 1.
- Receptacle, Measuring. L. Marschall. 99,405; Apr. 21.
- Receptacle, Refuse. G. W. Stallings and G. W. Walker. 102,512; Dec. 29.
- Receptacle, Safety ash. G. Clar and O. Neisser, Jr. 99,929; June 9.
- Reel. R. C. Kivley. 101,815; Nov. 3.
- Reel, Fishing. H. F. Maynes. 101,283; Sept. 22.
- Reflector for electric lamps. E. T. Camenisch. 98,916; Mar. 17.
- Reflector for electric lighting fixtures, Translucent. G. Ainsworth. 102,582; Dec. 29.
- Reflector, Nonglare. W. L. Bear and G. R. Walker. 102,540; Dec. 29.
- Reflector or similar article, Decorative electric light. A. Abramson. 99,846-7; June 2.
- Reflector or similar lighting fixture. W. Wilson. 98,286; Jan. 21.
- Refrigerator. W. H. Adams, M. Resek, and J. A. Dahlstrom. 99,103; Mar. 31.
- Refrigerator. W. C. Grunow, E. D. Coots, and M. W. Kenney. 100,471; July 21.
- Refrigerator. W. C. Grunow, E. D. Coots, and M. W. Kenney. 100,496; July 21.
- Refrigerator. W. A. Welden. 99,381; Apr. 21.
- Refrigerator cabinet. C. A. Frick. 101,525; Oct. 13.
- Refrigerator cabinet body. P. M. Koons. 102,031; Nov. 24.
- Refrigerator cabinet body. P. M. Koons. 102,057; Nov. 24.
- Register, Autographic. C. W. Brenn and A. A. Johnson. 100,462; July 21.
- Register, Autographic. R. D. Budlong. 99,065; Mar. 24.
- Register, Hotel. R. Cooper. 101,518; Oct. 13.
- Regulator or similar article. F. E. Rice. 99,332; Apr. 14.
- Regulator, Voltage. T. M. Hunter. 100,529; July 21.
- Rest, Table utensil. F. E. A. Larson. 102,564; Dec. 29.
- Restaurant, Service station. T. T. Record. 99,826; May 26.
- Ribbon. O. Lion. 101,084; Sept. 1.
- Riding device, Circular. C. I. Sweet. 99,613; May 12.
- Ring. S. dit C. Arpels. 99,982; June 16.
- Ring. H. Kousin. 102,167; Dec. 1.
- Ring, Finger. J. Boehme. 101,267; Sept. 22.
- Ring, Finger. J. Braun. 99,925; June 9.
- Ring, Finger. J. Braun. 100,147; June 23.
- Ring, Finger. J. Braun. 100,754; Aug. 11.
- Ring, Finger. F. J. Gaertner. 101,110-11; Sept. 8.
- Ring, Finger. F. J. Gaertner. 102,079; Nov. 24.
- Ring, Finger. J. T. Goldman. 100,555; July 28.
- Ring, Finger. B. Marcus. 101,481; Oct. 6.
- Ring, Finger. A. Sager. 99,311; Apr. 14.
- Ring, Finger. M. W. Stern. 101,293; Sept. 22.
- Ring, Guarded finger. J. Braun. 100,148; June 23.
- Ring or similar article. M. Kronstadt. 100,733; Aug. 4.
- Ring or similar article, Finger. M. Hagerstrom. 101,947; Nov. 17.
- Ring or similar article, Finger. B. H. Marcus and B. Strikowsky. 98,177; Jan. 14.
- Ring or similar article, Finger. T. L. Smith. 99,420; Apr. 21.
- Ring, Wedding. V. T. Salter. 99,681; May 19.
- Ring, Wedding. G. A. Tomlinson. 99,686-8; May 19.
- Ring, Wedding. G. A. Tomlinson. 99,734-5; May 19.
- Robe. P. Schnittman. 101,795; Nov. 3.
- Robe. P. Schnittman. 101,842-3; Nov. 3.
- Robot, Astrological and mystic. J. P. Wilson. 99,321; Apr. 14.
- Rocker, Child's. A. O. Arnold. 102,246; Dec. 8.
- Rocker, Outdoor. J. R. Morgan. 99,956; June 9.
- Roll or similar article. P. J. Brennan. 99,669-71; May 19.
- Roll or similar article. P. J. Brennan. 99,697; May 19.
- Roller, Massage. K. P. Woodside. 102,072; Nov. 24.
- Roof or similar article. J. J. Piazza. 99,249; Apr. 7.
- Roofing or siding. O. B. Clow. 101,732; Oct. 27.
- Rosary. J. F. Stedman. 99,377; Apr. 21.
- Rotary valve. V. E. Flodin. 98,061; Jan. 7.
- Roulette device. A. Popper. 101,648; Oct. 20.
- Rug. A. Bach. 98,489; Feb. 11.
- Rug. L. Biva. 101,159; Sept. 8.
- Rug. L. Biva. 101,318-19; Sept. 22.
- Rug. L. Biva. 101,323; Sept. 29.
- Rug. C. Mentrup. 102,488; Dec. 22.
- Rug or similar article. H. F. Jones. 99,662-3; May 12.
- Rug, Tufted. P. C. Waite. 100,511-12; July 21.
- Saddle. R. W. Faulhaber. 98,667; Feb. 25.
- Saddle, Bicycle. F. Mesinger. 101,787; Nov. 3.
- Saddle, Cycle. R. W. Faulhaber. 102,266; Dec. 8.
- Saddle, Cycle. B. N. Lobdell. 102,281; Dec. 8.
- Sadiron. A. de Sakhnoffsky. 100,757; Aug. 11.
- Sadiron. I. Jepson. 98,167; Jan. 14.
- Sadiron. H. Smith. 99,170; Mar. 31.
- Sadiron cover. I. Jepson. 98,166; Jan. 14.
- Sadiron handle. I. Jepson. 98,165; Jan. 14.
- Sadiron handle support. I. Jepson. 98,168-9; Jan. 14.
- Sadiron or similar article. R. I. Huffman. 99,806; May 26.
- Sadiron shell. R. I. Huffman. 99,807; May 26.
- Salt block. A. H. Torongo. 99,590; May 12.
- Sand box. H. L. van Doren. 99,379; Apr. 21.
- Sandal. A. M. Bressler. 102,305; Dec. 8.
- Sandal. G. A. Gleason. 99,016; Mar. 24.
- Sandal. E. Grossman. 98,510; Feb. 11.
- Sandal. M. Lippert. 98,875; Mar. 10.
- Sandal. A. Rosen. 102,195; Dec. 1.
- Sandal. E. H. Strassburger. 99,057; Mar. 24.
- Sandal. E. H. Strassburger. 102,152; Dec. 1.
- Sandal. C. Tweedie. 99,835; May 26.
- Sandal or similar article. J. Stein. 102,341-6; Dec. 15.
- Sash rail, Metal. H. H. Hendrickson. 98,067; Jan. 7.
- Scale. A. J. Kurk and H. Hoyer. 100,566; July 28.
- Scale casing. H. L. van Doren. 100,806; Aug. 11.
- Scale or similar article, Weighing. W. H. Greenleaf. 102,272; Dec. 8.
- Scale, Postal. A. B. Jacobus. 100,862; Aug. 18.
- Scale, Weighing. W. H. Greenleaf. 98,804; Mar. 3.
- Scale, Weighing. R. E. Vanderhoff and M. J. Weber. 99,737-8; May 19.
- Scalpel. R. H. Brown. 101,325; Sept. 29.
- Scarf. J. Abouchar. 99,472; Apr. 28.
- Scarf. E. C. Hyman. 102,187; Dec. 1.
- Scarf, Lace. H. W. Hucknall. 99,027; Mar. 24.
- Scarf or similar article. G. Balish. 101,158; Sept. 8.
- Scarf or similar article. J. Obouchar. 101,688; Oct. 27.
- Scoop. R. M. Shultz. 99,832; May 26.
- Scooter. H. L. van Doren and J. G. Rideout. 99,225; Apr. 7.
- Scraper. M. D. Robison, Jr. 100,390; July 14.
- Screen, Folding floor. S. S. Lewis. 98,532; Feb. 11.
- Screen, Metal boudoir. F. N. Lewis. 100,703; Aug. 4.
- Scroll, Message. W. C. Helms. 100,103; June 23.
- Scrubbing machine. A. B. Beltman. 101,322; Sept. 29.
- Seal or similar article, Gummed. M. J. Breen. 101,763; Nov. 3.
- Seat, Booth. W. Hoffmann. 99,866; June 2.
- Seat, Cycle saddle. R. W. Faulhaber. 98,306; Jan. 28.
- Seat, Cycle saddle. R. W. Faulhaber. 98,387-90; Jan. 28.
- Seat, Cycle saddle. H. L. van Doren and J. G. Rideout. 99,319; Apr. 14.
- Seat, Detachable bathtub. M. Winch. 99,970; June 9.
- Seat, Saddle. B. J. Anderson. 100,356; July 14.
- Separator, Electrically-operated cream. S. T. Castleman. 99,155; Mar. 31.
- Server, Canned beverage. L. G. Weigel. 101,659; Oct. 20.
- Server for cheese or the like, Table. W. K. Youngberg. 102,160; Dec. 1.
- Server for cigarettes or the like. J. R. Davidson. 101,026; Sept. 1.
- Service station. R. N. Aldrich. 98,470; Feb. 4.
- Service station. L. D. Long. 98,358; Jan. 28.
- Service station. L. D. Long. 101,466; Oct. 6.
- Service station. W. D. Teague. 101,148; Sept. 8.
- Set of playing cards. R. Busch. 98,145; Jan. 14.
- Settee. S. Bevelacqua. 98,137; Jan. 14.
- Settee. R. M. Ferguson. 101,273; Sept. 22.
- Settee, Bowling Alley. F. Birren. 99,774; May 26.
- Settee or similar article. C. Stoll. 99,685; May 19.
- Setting for precious stones. M. Waldman. 98,742-3; Feb. 25.
- Shade, curtain, and drapery support, Combined window. W. and E. H. Bushey. 101,104; Sept. 8.
- Shade, Lamp. H. M. Laxer. 100,667; Aug. 4.
- Shade, Lamp. A. H. White. 99,768; May 26.
- Shaker, Cocktail. S. Forman. 98,855; Mar. 10.
- Shaker, Cocktail. L. Guild. 98,763; Mar. 3.
- Shaker, Cocktail. S. Kornblum. 100,700; Aug. 4.
- Shaker, Combined salt and pepper. H. J. Edison. 98,299; Jan. 28.
- Shaker, Combined salt and pepper. I. T. Hart. 100,774; Aug. 11.
- Shaker, Condiment. M. H. Connor. 102,354; Dec. 15.
- Shaker, Condiment. M. S. Desser. 100,663; Aug. 4.
- Shaker, Condiment. M. H. Farber. 99,191; Apr. 7.
- Shaker, Condiment. M. H. Farber. 101,109; Sept. 8.
- Shaker, Condiment. J. H. Funkey. 100,996; Aug. 25.
- Shaker or similar article, Cocktail. E. A. Schuelke. 101,559; Oct. 13.
- Shaker, pepper shaker, and basket therefor, Combined salt. C. F. Simms. 102,291; Dec. 8.
- Shaker, pepper shaker and stand therefor, Combined salt. C. F. Simms. 102,212; Dec. 1.
- Sharpener, Pencil. L. Crandall, J. W. Davis, and L. J. Lindquist. 99,188; Apr. 7.
- Shear. A. A. Lincoln. 100,377; July 14.
- Shears for cutting sheet metal. F. H. Rauh. 101,791; Nov. 3.
- Sheet, India rubber. R. E. C. De Pury. 99,347; Apr. 21.
- Shelf and whatnot, Combined corner. J. H. Jewett. 99,397; Apr. 21.
- Shelf, Refrigerator. F. D. Peltier. 101,136; Sept. 8.
- Sheller, Pea. G. N. Coughlan. 102,415; Dec. 22.
- Shield for tool grinders or similar article, Safety. R. E. Tautz. 98,280; Jan. 21.
- Shingle, Metal. C. J. Schlafman. 102,452; Dec. 22.
- Shingle strip. J. J. Piazza. 99,248; Apr. 7.
- Shirt. J. Melville. 100,737; Aug. 4.
- Shirt. J. Melville. 101,381; Sept. 29.
- Shirt. J. Melville. 101,818; Nov. 3.
- Shirt, Sport. F. E. Newman. 101,754; Oct. 27.
- Shoe. J. Abowitz. 98,134; Jan. 14.
- Shoe. J. Abowitz. 100,252; July 7.
- Shoe. J. E. Andrews. 99,495; May 5.



- Shoe. B. Arkin. 100,810; Aug. 11.  
 Shoe. B. Arkin. 100,836; Aug. 18.  
 Shoe. T. R. Atkins. 98,569-70; Feb. 18.  
 Shoe. T. R. Atkins. 98,639; Feb. 18.  
 Shoe. T. R. Atkins. 98,657; Feb. 25.  
 Shoe. T. R. Atkins. 100,460; July 21.  
 Shoe. H. D. Baldwin. 98,289; Jan. 28.  
 Shoe. H. D. Baldwin. 98,744; Feb. 25.  
 Shoe. H. D. Baldwin. 101,099; Sept. 8.  
 Shoe. A. F. Bancroft. 99,260; Apr. 14.  
 Shoe. A. F. Bancroft. 100,309; July 7.  
 Shoe. A. F. Bancroft. 101,205; Sept. 15.  
 Shoe. J. W. Barbey. 99,986; June 16.  
 Shoe. J. W. Barbey. 100,344; July 7.  
 Shoe. B. Benjamin. 99,154; Mar. 31.  
 Shoe. B. Benjamin. 100,083; June 23.  
 Shoe. B. Benjamin. 102,320-1; Dec. 15.  
 Shoe. W. H. Benton. 99,429; Apr. 28.  
 Shoe. H. Berk. 99,108; Mar. 31.  
 Shoe. I. Berman. 102,122-5; Dec. 1.  
 Shoe. P. Borda. 98,291-2; Jan. 28.  
 Shoe. P. Borda. 100,846-7; Aug. 18.  
 Shoe. E. Bradley. 99,497; May 5.  
 Shoe. E. Bradley. 100,361; July 14.  
 Shoe. C. H. Caldwell. 100,614; Aug. 4.  
 Shoe. R. A. Chenoweth. 99,540; May 5.  
 Shoe. M. G. Cheyovich. 101,024; Sept. 1.  
 Shoe. A. Cohan. 100,258; July 7.  
 Shoe. D. S. Cohen. 98,053; Jan. 7.  
 Shoe. D. Cohen. 101,690; Oct. 27.  
 Shoe. D. Cohen. 102,262; Dec. 8.  
 Shoe. E. Cohen. 101,106; Sept. 8.  
 Shoe. E. A. Cohen. 99,113-4; Mar. 31.  
 Shoe. E. A. Cohen. 99,706; May 19.  
 Shoe. M. Cohen. 98,201; Jan. 14.  
 Shoe. P. Colella. 98,054; Jan. 7.  
 Shoe. P. Colella. 99,344; Apr. 21.  
 Shoe. C. H. Daniels. 99,707; May 19.  
 Shoe. J. Davies. 99,115; Mar. 31.  
 Shoe. J. Davies. 100,464; July 21.  
 Shoe. J. Davies. 100,544-5; July 28.  
 Shoe. J. Davies. 101,212; Sept. 15.  
 Shoe. J. M. Derr. 100,006; June 16.  
 Shoe. W. Ebling. 101,845; Nov. 10.  
 Shoe. W. Ebling. 102,325; Dec. 15.  
 Shoe. W. E. Ebling. 98,241; Jan. 21.  
 Shoe. F. W. Ellington. 98,757; Mar. 3.  
 Shoe. S. Epstein. 98,059; Jan. 7.  
 Shoe. S. Epstein. 98,152; Jan. 14.  
 Shoe. S. Erdos. 102,225; Dec. 1.  
 Shoe. F. Faleck. 99,784; May 26.  
 Shoe. F. Faleck. 100,096; June 23.  
 Shoe. F. Faleck. 100,417-18; July 14.  
 Shoe. F. Faleck. 100,467-8; July 21.  
 Shoe. F. Faleck. 100,762-3; Aug. 11.  
 Shoe. F. Faleck. 101,491-2; Oct. 6.  
 Shoe. J. P. Famolare. 98,759-60; Mar. 3.  
 Shoe. J. Fishman. 98,307; Jan. 28.  
 Shoe. J. Fishman. 100,420; July 14.  
 Shoe. S. Fradkin. 101,768; Nov. 3.  
 Shoe. S. Fradkin. 102,128; Dec. 1.  
 Shoe. J. J. Gaughan. 102,028; Nov. 24.  
 Shoe. H. Geller. 102,131-3; Dec. 1.  
 Shoe. M. Gerton. 101,274; Sept. 22.  
 Shoe. D. Gilbert. 101,867; Nov. 10.  
 Shoe. C. Goldberg. 98,932; Mar. 17.  
 Shoe. H. Goldberg. 98,063; Jan. 7.  
 Shoe. H. Goldberg. 98,205; Jan. 14.  
 Shoe. L. Goldberg. 98,509; Feb. 11.  
 Shoe. L. Goldberg. 102,134; Dec. 1.  
 Shoe. B. R. Goldman. 99,278; Apr. 14.  
 Shoe. M. S. Goldman. 98,202-4; Jan. 14.  
 Shoe. M. S. Goldman. 98,311-12; Jan. 28.  
 Shoe. M. S. Goldman. 101,625-29; Oct. 20.  
 Shoe. W. Goldstein. 99,790; May 26.  
 Shoe. L. Goodkind. 99,505; May 5.  
 Shoe. A. Goodman. 99,636; May 12.  
 Shoe. A. Gordon. 98,159; Jan. 14.  
 Shoe. A. Gordon. 98,670; Feb. 25.  
 Shoe. E. Grossman. 102,136; Dec. 1.  
 Shoe. H. H. Grossman. 99,795; May 26.  
 Shoe. N. J. Grossman. 98,903; Mar. 10.  
 Shoe. N. Harris. 99,942; June 9.  
 Shoe. H. Holtz. 98,435-6; Feb. 4.  
 Shoe. A. Hurzeler. 98,327; Jan. 28.  
 Shoe. A. Hurzeler. 101,873; Nov. 10.  
 Shoe. A. Hyatt. 99,809; May 26.  
 Shoe. B. Jayne. 100,730; Aug. 4.  
 Shoe. B. Jayne. 101,220; Sept. 15.  
 Shoe. M. Kalmon. 100,863-6; Aug. 18.  
 Shoe. J. Kaplan. 100,780; Aug. 11.  
 Shoe. A. A. Kotzin. 102,331; Dec. 15.  
 Shoe. H. B. Kozak. 98,438; Feb. 4.  
 Shoe. J. P. Kyros. 99,353; Apr. 21.  
 Shoe. W. S. Laurie. 102,188-9; Dec. 1.  
 Shoe. J. F. Lema. 99,091; Mar. 24.  
 Shoe. D. Levin. 101,704; Oct. 27.  
 Shoe. D. Levin. 102,565-7; Dec. 29.  
 Shoe. H. C. Levy. 101,255; Sept. 15.  
 Shoe. N. P. Liberty. 98,332-57; Jan. 28.  
 Shoe. N. P. Liberty. 99,035-8; Mar. 24.  
 Shoe. N. P. Liberty. 99,356-7; Apr. 21.  
 Shoe. H. Lifschutz. 102,139; Dec. 1.  
 Shoe. P. Lorman. 100,378-9; July 14.  
 Shoe. L. Ludwig. 101,256; Sept. 15.  
 Shoe. M. Margolin. 98,953; Mar. 17.  
 Shoe. J. Mascali. 98,537; Feb. 11.  
 Shoe. J. Mascali. 101,545; Oct. 13.  
 Shoe. J. McGee. 98,359; Jan. 28.  
 Shoe. J. McGee. 98,443; Feb. 4.  
 Shoe. J. McGee. 100,277; July 7.  
 Shoe. R. M. McQuillen. 100,174-5; June 23.  
 Shoe. E. M. Meyer. 100,384; July 14.  
 Shoe. S. J. Meyer. 98,688; Feb. 25.  
 Shoe. S. J. Meyer. 98,878; Mar. 10.  
 Shoe. S. J. Meyer. 99,518; May 5.  
 Shoe. J. R. Morgan. 98,954; Mar. 17.  
 Shoe. L. D. Morrell. 101,045; Sept. 1.  
 Shoe. G. Naidor. 100,037; June 16.  
 Shoe. F. W. Ochs. 98,275; Jan. 21.  
 Shoe. H. H. C. Odencrants. 100,518-20; July 21.  
 Shoe. H. H. C. Odencrants. 100,971; Aug. 25.  
 Shoe. H. H. C. Odencrants. 101,065; Sept. 1.  
 Shoe. G. Peterson. 99,367; Apr. 21.  
 Shoe. E. A. Rainey. 98,184; Jan. 14.  
 Shoe. H. S. Rauh. 100,286-7; July 7.  
 Shoe. J. F. Rosenthal. 98,183; Jan. 14.  
 Shoe. M. J. Rosenthal. 102,147; Dec. 1.  
 Shoe. A. Runstein. 100,581; July 28.  
 Shoe. T. Samuels. 100,337; July 7.  
 Shoe. T. Samuels. 102,234-9; Dec. 1.  
 Shoe. T. Samuels. 102,335-6; Dec. 15.  
 Shoe. T. Samuels. 102,472; Dec. 22.  
 Shoe. T. Samuels. 102,579-80; Dec. 29.  
 Shoe. A. Schecter. 98,892-3; Mar. 10.  
 Shoe. A. Schecter. 100,295-6; July 7.  
 Shoe. S. Schlesinger. 98,781; Mar. 3.  
 Shoe. S. Schlesinger. 99,139; Mar. 31.  
 Shoe. S. Schlesinger. 99,372; Apr. 21.  
 Shoe. B. D. Schwartz. 98,091; Jan. 1.  
 Shoe. H. Shapiro. 99,829-30; May 26.  
 Shoe. L. W. Simister. 99,731; May 19.  
 Shoe. M. Simons. 100,052; June 16.  
 Shoe. C. W. Smith. 100,053; June 16.  
 Shoe. H. Snayberger. 99,901; June 2.  
 Shoe. H. Sobel. 100,227-8; June 30.  
 Shoe. H. Sobel. 101,508; Oct. 6.  
 Shoe. H. Sobel. 102,196; Dec. 1.  
 Shoe. H. Sobel. 102,242; Dec. 1.  
 Shoe. C. Stix. 99,903; June 2.  
 Shoe. O. F. Stock. 98,896; Mar. 10.  
 Shoe. O. F. Stock. 99,056; Mar. 24.  
 Shoe. K. M. Stone. 99,532; May 5.  
 Shoe. K. A. Stritter. 98,898; Mar. 10.  
 Shoe. O. J. Sullivan. 99,142; Mar. 31.  
 Shoe. A. H. Tupper. 101,295; Sept. 22.  
 Shoe. A. Turiansky. 98,376-7; Jan. 28.  
 Shoe. A. Turiansky. 99,145; Mar. 31.  
 Shoe. A. Turiansky. 99,631; May 12.  
 Shoe. A. Turiansky. 100,303-4; July 7.  
 Shoe. A. Turiansky. 100,483; July 21.  
 Shoe. A. Turiansky. 101,246; Sept. 15.  
 Shoe. A. Turiansky. 102,197; Dec. 1.  
 Shoe. A. Vamos. 100,305; July 7.  
 Shoe. A. Vamos. 101,150; Sept. 8.  
 Shoe. A. Vamos. 102,530; Dec. 29.  
 Shoe. J. J. Walsh. 99,384; Apr. 21.  
 Shoe. J. J. Walsh. 102,157; Dec. 1.  
 Shoe. C. V. Watson. 98,700; Feb. 25.  
 Shoe. W. Weidner. 98,557; Feb. 11.  
 Shoe. S. Weinstat. 101,152; Sept. 8.  
 Shoe. P. Weinstein. 99,910; June 2.  
 Shoe. S. Weir. 99,175; Mar. 31.  
 Shoe. S. Weisman. 101,907; Nov. 10.  
 Shoe. A. L. Wertheim. 99,151; Mar. 31.  
 Shoe. H. E. Williams. 99,231; Apr. 7.  
 Shoe. P. G. Williams. 99,383; Apr. 21.  
 Shoe. S. Winer. 98,632; Feb. 18.  
 Shoe. C. Wolfelt. 98,199; Jan. 14.  
 Shoe. H. F. Wright. 102,159; Dec. 1.  
 Shoe. L. D. Ziegler, 3d. 101,476; Oct. 6.  
 Shoe. H. Zuckerman. 101,977; Nov. 17.  
 Shoe. M. Zuckerman. 100,003; June 16.  
 Shoe. Apron tongue. H. W. Lambrecht. 100,867; Aug. 18.  
 Shoe, Child's. L. J. Golden. 99,238; Apr. 7.  
 Shoe, Juvenile. L. J. Golden. 99,788; May 26.  
 Shoe or article of analogous nature. R. A. Hyde. 98,673-4; Feb. 25.  
 Shoe or article of analogous nature. H. Klein. 98,676; Feb. 25.  
 Shoe or article of analogous nature. S. L. Kleven. 98,677; Feb. 25.  
 Shoe or article of analogous nature. H. J. Rudner. 100,716; Aug. 4.  
 Shoe or article of analogous nature. J. G. Samuels. 100,670-5; Aug. 4.  
 Shoe or article of analogous nature. J. G. Samuels. 101,289; Sept. 22.  
 Shoe or article of analogous nature. J. G. Samuels. 102,449-50; Dec. 22.  
 Shoe or similar article. L. Audino. 98,748-50; Mar. 3.  
 Shoe or similar article. L. Audino. 98,819-20; Mar. 10.  
 Shoe or similar article. L. Audino. 98,907; Mar. 17.  
 Shoe or similar article. L. Audino. 98,989-90; Mar. 24.  
 Shoe or similar article. L. Audino. 99,178; Apr. 7.  
 Shoe or similar article. M. M. Braun. 98,998; Mar. 24.  
 Shoe or similar article. M. M. Braun. 99,173; Mar. 31.



- Shoe or similar article. R. R. Bunting. 101,852-3; Nov. 10.
- Shoe or similar article. V. De Liso. 99,003; Mar. 24.
- Shoe or similar article. V. De Liso. 99,476; Apr. 28.
- Shoe or similar article. S. T. Drake. 98,150; Jan. 14.
- Shoe or similar article. N. Elkin. 98,501-3; Feb. 11.
- Shoe or similar article. N. Elkin. 100,316-18; July 7.
- Shoe or similar article. N. Elkin. 100,416; July 14.
- Shoe or similar article. N. Elkin. 100,855; Aug. 18.
- Shoe or similar article. M. Gerton. 100,767; Aug. 11.
- Shoe or similar article. J. A. Goldberg. 98,158; Jan. 14.
- Shoe or similar article. J. A. Goldberg. 98,428-32; Feb. 4.
- Shoe or similar article. I. E. Grossmann. 101,701; Oct. 27.
- Shoe or similar article. R. Hertzog. 101,039-40; Sept. 1.
- Shoe or similar article. C. G. Hirshman. 98,162; Jan. 14.
- Shoe or similar article. C. G. Hirshman. 98,324; Jan. 28.
- Shoe or similar article. C. G. Hirshman. 99,282; Apr. 14.
- Shoe or similar article. W. H. Joyee. 101,463; Oct. 6.
- Shoe or similar article. N. K. Kean. 101,046; Sept. 1.
- Shoe or similar article. N. K. Kean. 102,329-30; Dec. 15.
- Shoe or similar article. H. Kozak. 100,271-3; July 7.
- Shoe or similar article. H. Kozak. 100,325; July 7.
- Shoe or similar article. H. Kozak. 100,784; Aug. 11.
- Shoe or similar article. H. B. Kozak. 100,666; Aug. 4.
- Shoe or similar article. D. E. Levin. 100,032; June 16.
- Shoe or similar article. W. B. Mackey. 101,963; Nov. 17.
- Shoe or similar article. C. Miller. 98,879; Mar. 10.
- Shoe or similar article. C. Miller. 99,882-3; June 2.
- Shoe or similar article. C. Miller. 100,279-80; July 7.
- Shoe or similar article. C. Miller. 101,706; Oct. 27.
- Shoe or similar article. C. Miller. 102,140; Dec. 1.
- Shoe or similar article. G. Miller. 99,884-5; June 2.
- Shoe or similar article. G. Miller. 100,575; July 28.
- Shoe or similar article. A. Perugia. 101,711; Oct. 27.
- Shoe or similar article. A. Perugia. 101,886; Nov. 10.
- Shoe or similar article. A. Perugia. 102,193; Dec. 1.
- Shoe or similar article. M. Planco. 101,712; Oct. 27.
- Shoe or similar article. H. B. Rosenthal. 99,049; Mar. 24.
- Shoe or similar article. E. Saugues. 99,370-1; Apr. 21.
- Shoe or similar article. L. Sholtz. 98,782; Mar. 3.
- Shoe or similar article. L. Sholtz. 98,967; Mar. 17.
- Shoe or similar article. L. Sholtz. 99,053-4; Mar. 24.
- Shoe or similar article. L. Sholtz. 99,314; Apr. 14.
- Shoe or similar article. L. Sholtz. 99,483; Apr. 28.
- Shoe or similar article. L. Sholtz. 99,896-7; June 2.
- Shoe or similar article. L. Sholtz. 100,585; July 28.
- Shoe or similar article. L. Sholtz. 100,676; Aug. 4.
- Shoe or similar article. L. Sholtz. 100,718; Aug. 4.
- Shoe or similar article. L. Sholtz. 101,719; Oct. 27.
- Shoe or similar article. S. Troy. 98,191; Jan. 14.
- Shoe or similar article. S. Troy. 99,058-60; Mar. 24.
- Shoe or similar article. S. Troy. 99,146; Mar. 31.
- Shoe or similar article. S. Troy. 99,255-6; Apr. 7.
- Shoe or similar article. S. Troy. 99,484; Apr. 28.
- Shoe or similar article. S. Troy. 99,834; May 26.
- Shoe or similar article. S. Troy. 100,135-6; June 23.
- Shoe or similar article. S. Troy. 101,899; Nov. 10.
- Shoe or similar article. A. Vamos. 102,153; Dec. 1.
- Shoe or similar article. B. L. Wales. 99,227; Apr. 7.
- Shoe or similar article. B. L. Wales. 99,320; Apr. 14.
- Shoe or similar article. B. L. Wales. 99,536; May 5.
- Shoe or similar article. C. G. Wernmark. 100,140; June 23.
- Shoe or similar article. A. Wertheim. 99,997-8; June 16.
- Shoe or similar article. A. Wertheim. 100,885; Aug. 18.
- Shoe receptacle, Lady's. T. A. Batté and W. W. Carpenter. 101,266; Sept. 22.
- Shoe sole. O. Brockman. 101,613; Oct. 20.
- Shoe sole. F. D. Fowler. 99,934; June 9.
- Shoe sole. A. Greenbaum. 98,590; Feb. 18.
- Shoe tree. J. B. Mutch. 98,180; Jan. 14.
- Shoe upper material. C. H. Daniels. 99,618-19; May 12.
- Shoe upper material. C. H. Daniels. 99,638; May 12.
- Shoe upper material. C. H. Daniels. 100,155; June 23.
- Shoe, Woman's. J. F. Marshall. 100,959; Aug. 25.
- Showcase. F. L. Pollard. 98,086; Jan. 7.
- Show case. F. L. Pollard. 98,206; Jan. 14.
- Showcase. P. Wilson. 102,022; Nov. 17.
- Shower head. H. Dreyfuss. 101,440; Oct. 6.
- Shroud, Automobile exhaust. L. A. Koch, Jr. 101,840; Nov. 3.
- Siding, Building. R. S. Maclean. 99,132; Mar. 31.
- Siding, Building. R. S. Maclean. 101,921; Nov. 10.
- Sign. R. H. Baker. 102,121; Dec. 1.
- Sign. G. D. Duntze. 99,600; May 12.
- Sign. L. L. Manchester. 99,038; Mar. 24.
- Sign, Advertising. R. S. Kimball. 99,548; May 5.
- Sign, Advertising. R. S. Kimball. 102,465; Dec. 22.
- Sign, Advertising. A. Murdoch. 101,173; Sept. 8.
- Sign board or similar article. L. B. Sapp. 102,338; Dec. 15.
- Sign, Composite character. L. L. Rustad. 101,243; Sept. 15.
- Sign, Display. W. E. Joost. 100,214; June 30.
- Sign, Illuminated. J. F. Cheatwood. 100,487; July 21.
- Sign or similar article. J. Trojan. 102,295; Dec. 8.
- Sign or similar article, Display. E. R. Erickson. 100,254; July 7.
- Sign, Road. A. A. Jones. 102,280; Dec. 8.
- Sign support or similar article, Illuminated. D. C. Taylor. 101,294; Sept. 22.
- Sign, Traffic. H. F. Baker. 101,727; Oct. 27.
- Sign, Traffic safety. B. J. Le Fevre. 99,034; Mar. 24.
- Sign, Trailer signal. A. G. Love. 98,774; Mar. 3.
- Signal, Automotive wigwag stop. W. E. Signor. 101,893; Nov. 10.
- Signal, Crossing. W. A. Billups. 101,206; Sept. 15.
- Signal device. J. M. Lee. 101,499; Oct. 6.
- Signal, Luminous-arm. D. A. Lee. 98,600; Feb. 18.
- Signal, Railway crossing. F. W. Griswold. 100,018; June 16.
- Signal reflector for vehicles. R. H. Osbrink. 100,502; July 21.
- Signal, Traffic. G. Gort. 98,933; Mar. 17.
- Signal, Twin face directional. S. J. Shaw, Jr. 102,399; Dec. 15.
- Signal, Warning. F. E. Ward. 100,139; June 23.
- Silk crepe dress goods or similar article. H. Bosehans. 98,997; Mar. 24.
- Sink. C. H. Menge. 102,437; Dec. 22.
- Sink and cabinet, Combined. F. J. Osuch. 101,394; Sept. 29.
- Sink, Cabinet. L. C. Love and P. F. Jones. 102,060; Nov. 24.
- Sink, Cabinet. L. C. Love and P. F. Jones. 102,086; Nov. 24.
- Sink, tub, and wringer, Combination washing. C. W. Lance. 100,785; Aug. 11.
- Sinker. W. L. Tripp. 100,482; July 21.
- Sinker for fishing lines. G. W. Moitoza. 101,502; Oct. 6.
- Siren. M. C. Armstrong. 99,177; Apr. 7.
- Skate, Roller. D. McDonald. 99,955; June 9.
- Skate, Roller. T. C. Wall. 101,808; Nov. 3.
- Sled. J. R. Morgan. 100,220; June 30.
- Slicing machine, Vegetable. R. L. Marchfield. 102,385; Dec. 15.
- Slip. S. L. Freedgood. 100,994; Aug. 25.
- Slip. M. M. Goldstein. 100,528; July 21.
- Slipper. I. Berman. 99,695-6; May 19.
- Slipper. I. Berman. 100,196; June 30.
- Slipper. I. Berman. 100,843; Aug. 18.
- Slipper. G. Del Re. 100,092-4; June 23.
- Slipper. G. Del Re. 101,691; Oct. 27.
- Slipper. H. Feifer. 99,785; May 26.
- Slipper. L. E. Friedman. 100,211; June 30.
- Slipper. D. Gilbert. 100,768-9; Aug. 11.
- Slipper. L. Goldberg. 99,710; May 19.
- Slipper. L. Goldberg. 100,470; July 21.
- Slipper. J. H. Louchheim, Jr. 100,474; July 21.
- Slipper. M. Shanger. 100,127; June 23.
- Slipper. A. Siegler. 100,719; Aug. 4.
- Slipper. A. J. Siegler. 99,609-10; May 12.
- Slipper, Child's. L. Goldberg. 102,271; Dec. 8.
- Slipper or similar article. J. Barnett. 100,935; Aug. 25.
- Slipper or similar article, Lady's boudoir. J. L. Jerro. 99,196; Apr. 7.
- Smoking set and ash receptacle, Combined. R. Madler. 99,816; May 26.
- Soap, Cake of. A. Mosheim. 98,881; Mar. 10.
- Soap, Cake of. S. Ringold. 101,888; Nov. 10.
- Soap or similar article, Cake of. J. S. Stein. 100,723; Aug. 4.
- Sofa or similar article. A. Frischman. 100,995; Aug. 25.
- Sofa or similar article. M. C. Pumphrey. 98,546; Feb. 11.
- Sofa or similar article. N. Tyrrell. 99,968; June 9.
- Sole, Shoe. M. J. Bernstein. 100,408; July 14.
- Sole, Shoe. A. L. Murray. 101,550; Oct. 13.
- Spark plug. P. D. Jackson. 99,869; June 2.
- Spat. P. J. McClure. 99,879; June 2.
- Spectacle frame. A. C. Houser. 98,520; Feb. 11.
- Spectacle frame. E. Pappert. 101,551; Oct. 13.
- Spectacle frame. R. L. Wells. 101,662; Oct. 20.
- Spectacle front. F. R. Bishop. 102,313; Dec. 8.
- Spectacles, Pair of. M. R. McDaniel. 99,447; Apr. 28.
- Spoon or analogous article. A. LeR. Barney. 100,357; July 14.
- Spoon or other article of flatware. E. J. Conroy. 98,056; Jan. 7.
- Spoon or other article of flatware. E. J. Conroy. 100,005; June 16.
- Spoon or other article of flatware. M. A. Downs. 99,072-3; Mar. 24.
- Spoon or other article of flatware. M. A. Downs. 99,502; May 5.
- Spoon or other article of flatware. G. A. Feinauer. 98,925; Mar. 17.
- Spoon or other article of flatware. L. V. M. Helander. 98,514; Feb. 11.
- Spoon or other article of flatware. A. G. Kintz. 100,168; June 23.
- Spoon or other article of flatware. A. G. Kintz. 101,369; Sept. 29.
- Spoon or other article of flatware. A. G. Kintz and L. V. M. Helander. 98,943; Mar. 17.
- Spoon or other article of flatware. J. R. Price. 98,960; Mar. 17.
- Spoon or other article of flatware. J. R. Price. 100,873; Aug. 18.
- Spoon or other article of flatware. C. F. Simms. 100,392; July 14.
- Spoon or other article of flatware. W. S. Warren. 99,837; May 26.



- Spoon or other article of flatware. W. S. Warren. 101,151; Sept. 8.
- Spoon or other article of flatware. W. S. Warren. 102,173; Dec. 1.
- Spoon or other article of flatware. F. R. Woodward. 100,887-8; Aug. 18.
- Spoon or similar article. G. N. Allen, L. E. Ressegger, and W. H. Gerth. 99,773; May 26.
- Spoon or similar article. G. N. Allen, L. E. Ressegger, and W. H. Gerth. 101,264; Sept. 22.
- Spoon or similar article. G. N. Allen, L. E. Ressegger, and E. H. Kreps. 99,337; Apr. 21.
- Spoon or similar article. G. N. Allen and W. H. Gerth. 101,203; Sept. 15.
- Spoon or similar article. P. B. Ball. 101,761; Nov. 3.
- Spoon or similar article. H. M. Ballou and C. A. Joslin. 98,135; Jan. 14.
- Spoon or similar article. C. C. Braun. 100,848; Aug. 18.
- Spoon or similar article. F. Hoyle. 102,369; Dec. 15.
- Spoon or similar article. C. A. Joslin. 100,950; Aug. 25.
- Spoon or similar article. F. S. Trumbull. 100,399; July 14.
- Spoon or similar article. F. S. Trumbull. 101,074-5; Sept. 1.
- Spoon or similar article. G. L. Turner. 100,234; June 30.
- Spoon or similar article. G. L. Turner. 100,884; Aug. 18.
- Spoon or similar article, Serving. H. O. Ebeling. 101,860; Nov. 10.
- Spotlight. M. B. Beck. 98,047; Jan. 7.
- Spout, Bath. H. Dreyfuss. 101,443; Oct. 6.
- Spout, Deviator. H. Dreyfuss. 101,444; Oct. 6.
- Spray rig body. R. M. Magnuson. 101,373-6; Sept. 29.
- Sprayer liquid. I. Jepson. 100,375; July 14.
- Sprayer, Liquid. F. Lindell. 102,467; Dec. 22.
- Sprinkler, Lawn. S. B. Butt. 100,087; June 23.
- Sprinkler, Water. H. C. Wright. 99,471; Apr. 28.
- Squeegee or similar article. J. R. Oishei. 100,790-1; Aug. 11.
- Stage for theatrical performance, Transportable. W. Podolin. 100,924; Aug. 18.
- Stamp, Hand. L. Melind. 101,469-71; Oct. 6.
- Stand and brushes therefor, Combined advertising display. E. B. Wright. 100,240; June 30.
- Stand and containers therefor, Combined manicure. A. A. Plaster. 98,243; Jan. 21.
- Stand and dispensing cabinet for gummed tape, string, and elastic bands, Combination display. D. A. McCowan. 98,268; Jan. 21.
- Stand and flashlight holder, Combined telephone. M. J. Gerrells. 102,427; Dec. 22.
- Stand and ordering counter, Combined merchandise display. C. H. Thorstensen. 100,302; July 7.
- Stand and pot, Combined floral. M. Manenty. 102,332; Dec. 15.
- Stand and tray for smokers, Combined. M. G. Ketchum. 99,641-2; May 12.
- Stand, Ash. R. N. Baylis. 99,924; June 9.
- Stand, Ash. C. Hardy. 101,035-6; Sept. 1.
- Stand, Calendar. T. S. Mayer. 101,233; Sept. 15.
- Stand, Combined lamp and magazine. J. H. Jewett. 99,395; Apr. 21.
- Stand, Combined vending and display. J. L. Wright. 101,155; Sept. 8.
- Stand, Display. H. A. Hansen and S. R. Salkin. 100,694; Aug. 4.
- Stand, Display. G. A. Johnson and M. A. Lopes. 99,677; May 19.
- Stand, Display. J. E. Roach. 100,288; July 7.
- Stand, Display. B. R. Sieve. 98,371; Jan. 28.
- Stand for bottles, Illuminated display. A. Berman. 102,542; Dec. 29.
- Stand for floor coverings, Sample display. J. H. Mill-holland. 100,787; Aug. 11.
- Stand for food or similar article, Display. E. Greuter. 99,560; May 5.
- Stand for the display of hors d'oeuvres, Service. A. Karsh. 98,071; Jan. 7.
- Stand or similar article, Display. R. J. Considine. 100,314; July 7.
- Stand or similar article, Display. B. Phillips. 101,138; Sept. 8.
- Stand or similar article of manufacture, Display. E. A. Shank. 101,143; Sept. 8.
- Stand or similar article of manufacture, Display. E. A. Shank. 101,562; Oct. 13.
- Stand or similar article, Orchestra. R. Katz. 99,602; May 12.
- Stand or similar article, Tree. A. Wolf. 100,808; Aug. 11.
- Stand, Pen. E. Kanter. 98,942; Mar. 17.
- Stand, Pen. E. Kanter. 102,229; Dec. 1.
- Stand, Pen. S. M. Masse. 102,231-2; Dec. 1.
- Stand, Pen desk. R. R. Hutcheson. 101,533; Oct. 13.
- Stand, Practice gun. N. E. Squire. 101,260; Sept. 15.
- Stand, Refreshment. H. Oges. 101,240; Sept. 15.
- Stand, Service. H. G. Zoia. 100,343; July 7.
- Stand, Smoker's. L. V. Aronson. 100,751-2; Aug. 11.
- Stand, Smoking. W. Hoffmann. 98,593-5; Feb. 18.
- Stand, Smoking. W. Hoffmann. 98,648; Feb. 18.
- Stand, Smoking. W. Hoffmann. 101,457-61; Oct. 6.
- Stand, Smoking. E. Schultz. 98,402-3; Jan. 28.
- Stand, Smoking. E. Schultz. 100,047-9; June 16.
- Stand, Telephone switchboard chronometer. J. J. McCoy. 102,469; Dec. 22.
- Stand, Wine barrel. A. Sanfilippo. 101,141; Sept. 8.
- Standard for permanent wave apparatus. W. Martin. 100,706; Aug. 4.
- Standard, Milling machine. B. P. Graves. 98,395; Jan. 28.
- Station, Service. R. N. Aldrich and A. H. Jaehne. 100,405; July 14.
- Statue or similar article. A. Z. Annala. 102,407; Dec. 22.
- Statuette. D. Briner. 98,713; Feb. 25.
- Statuette or similar article. S. Berman. 100,359-60; July 14.
- Statuette or similar article. S. L. Wolffe. 99,979; June 9.
- Steam spraying apparatus. A. Newar. 99,362; Apr. 21.
- Step plate and signal casing, Combined. F. G. Thwaites. 100,183; June 23.
- Stereoscope. E. Rossman. 101,069; Sept. 1.
- Stereoscopic viewer. E. Rossman. 98,625; Feb. 18.
- Sterilizer for bottles or the like. C. A. Pipenhagen. 101,396; Sept. 29.
- Sterilizer, Nursing bottle. H. B. Tyler. 98,971; Mar. 17.
- Stick, Beverage. J. Liebschutz. 101,785; Nov. 3.
- Stick, Clothes. P. J. Groeber. 99,125; Mar. 31.
- Stick, Walking. L. G. McCorkle. 98,083; Jan. 7.
- Stirrer. H. Bennett. 101,610; Oct. 20.
- Stocking. H. Hemmerich. 100,860; Aug. 18.
- Stocking. O. E. Huber. 98,476; Feb. 4.
- Stocking. O. C. Miller. 102,285; Dec. 8.
- Stocking. J. E. Quinn. 100,004; June 16.
- Stoker housing. J. E. Martin. 99,817; May 26.
- Stool and milk pail support, Combined. E. W. Gillaspie. 102,029; Nov. 24.
- Stool and tool tray, Combined garage. E. D. Ely. 102,263; Dec. 8.
- Stool, Fitting. W. Hoffmann. 98,519; Feb. 11.
- Stopper and handle, Combined. A. Mosheim. 100,923; Aug. 18.
- Storage battery case. O. O. Rieser. 98,087-8; Jan. 7.
- Store. R. W. Ryle. 101,745; Oct. 27.
- Store. W. D. White. 102,100; Nov. 24.
- Store front. M. J. Bluestein. 99,340; Apr. 21.
- Store front. A. Johnson. 101,278; Sept. 22.
- Store front. R. W. Phelps. 100,336; July 7.
- Store front. A. Rosenberg. 98,780; Mar. 3.
- Stove. H. L. Ford. 100,012; June 16.
- Stove. C. L. Hardwick. 99,082; Mar. 24.
- Stove. H. Herrenbruck. 99,437; Apr. 28.
- Stove. B. B. Kahn. 99,128; Mar. 31.
- Stove. C. J. Rogers. 99,048; Mar. 24.
- Stove. J. C. Rogers. 102,066; Nov. 24.
- Stove. J. Tjaarda. 98,411; Jan. 28.
- Stove. A. K. Weiskittel. 98,284; Jan. 21.
- Stove ash pit, Solid fuel. W. F. Otis, H. H. Haas, and J. E. Otis. 100,120; June 23.
- Stove, Brooder. L. G. Knapp. 98,074; Jan. 7.
- Stove, Camp. C. L. Pearson. 98,885; Mar. 10.
- Stove, Coffee brewing and warming. E. Perlman. 100,284; July 7.
- Stove, Cook. J. R. Morgan. 100,078; June 16.
- Stove, Cook. J. R. Morgan. 100,221; June 30.
- Stove, Cooking. M. G. Klemme. 99,438; Apr. 28.
- Stove, Electric. H. Cory. 101,329; Sept. 29.
- Stove, Electric. S. W. Farber. 98,922; Mar. 17.
- Stove, Electric cooking. E. Anthony. 101,156; Sept. 8.
- Stove, Gas. A. S. Levin. 101,543; Oct. 13.
- Stove, Gasoline cook. G. E. Pickup. 98,182; Jan. 14.
- Stove, Heating. W. H. Adams. 101,434; Oct. 6.
- Stove, Heating. W. H. Adams and J. A. Dahlstrom. 101,604; Oct. 20.
- Stove, Heating. L. S. Chadwick and J. A. Dahlstrom. 101,618; Oct. 20.
- Stove, Heating. W. B. Engh. 102,181; Dec. 1.
- Stove, Heating. H. Lange. 100,701; Aug. 4.
- Stove, Oil burning cook. W. T. Bradbury. 98,572-4; Feb. 18.
- Stove, Oil burning cook. W. T. Bradbury. 98,642; Feb. 18.
- Stove or similar article, Electric. L. J. Koci. 100,270; July 7.
- Stove, Solid fuel cook. G. E. Pickup. 98,085; Jan. 7.
- Strainer or similar article. M. H. Connor. 102,413; Dec. 22.
- Strap for belts for personal wear or similar article. M. Sachs. 98,891; Mar. 10.
- Strap for belts for personal wear or similar article. M. Sachs. 99,416; Apr. 21.
- Strap, Lens. S. E. Bouchard. 99,775; May 26.
- Strap, Lens. C. J. Eagle. 99,005; Mar. 24.
- Strap, Lens. H. W. Grom. 101,117; Sept. 8.
- Strap, Wrist watch. A. H. Sauer, Jr. 98,189; Jan. 14.
- Strap, Wrist watch. A. H. Sauer, Jr. 100,796; Aug. 11.
- Strip or similar article, Butt edging. W. L. Bonnell. 101,762; Nov. 3.
- Suit. J. Leiterman. 98,263; Jan. 21.
- Suit, Masquerade flying. M. Couchman. 102,204; Dec. 1.
- Suit, Play. M. Gelber. 101,081; Sept. 1.
- Suit, Play. I. Kraunz. 100,455; July 14.
- Suit, Sport. A. Steinman. 101,314; Sept. 22.
- Support, Flask. P. H. Sherrick. 100,444; July 14.
- Support for chandeliers, Socket. E. A. Wangersheim. 100,590; July 28.
- Support for funnels and beakers. P. H. Sherrick. 100,443; July 14.



Support for rear view automobile mirrors. W. H. Colbert. 101,079; Sept. 1.

Support, Microphone. S. N. Shure. 100,928; Aug. 18.

Support, Test tube. P. H. Sherrick. 100,442; July 14.

Suspenders, Pair of. M. Goldsholl. 101,114; Sept. 8.

Suspenser. H. Schiller. 98,738; Feb. 25.

Swatter blade, Fly. A. L. Murray. 101,647; Oct. 20.

Swatter, Fly. M. W. Gatch. 102,425; Dec. 22.

Swatter, Fly. A. F. Shafter. 99,141; Mar. 31.

Sweater. H. Boepple. 102,248-9; Dec. 8.

Sweater. J. Engelberg. 99,709; May 19.

Sweater ensemble, Bolero. D. S. Roseman. 100,451; July 14.

Sweater or similar article. L. B. Helfgott. 98,566; Feb. 11.

Sweeper, Carpet. A. Fineberg. 101,917; Nov. 10.

Sweeper, Carpet. S. Miller. 100,576; July 28.

Sweeper, Carpet. E. R. Smith. 101,975; Nov. 17.

Swing, Child's. D. Tinker. 100,589; July 28.

Switch button, Electric. G. R. Graff. 101,811; Nov. 3.

Syphon. L. T. Ward. 101,421; Sept. 29.

Table. S. Bevelacqua. 98,138; Jan. 14.

Table. H. D. Brown. 98,752; Mar. 3.

Table. W. J. Conwell. 100,453; July 14.

Table. W. Hoffmann. 98,434; Feb. 4.

Table. W. Hoffmann. 99,801; May 26.

Table. W. Hoffmann. 101,776; Nov. 3.

Table. H. O. Huseby. 101,361; Sept. 29.

Table. J. H. Jewett. 100,731; Aug. 4.

Table. O. A. Koogler. 98,526; Feb. 11.

Table. A. E. Meyerhoff. 102,035; Nov. 24.

Table. D. Powell. 99,726; May 19.

Table. M. C. Pumphrey. 98,365; Jan. 28.

Table. M. C. Pumphrey. 98,890; Mar. 10.

Table. B. H. Talbert. 99,565; May 5.

Table and cooking grill, Combined. H. M. Schwartz. 99,666; May 12.

Table and smoking stand, Combination. C. Hardy. 101,037; Sept. 1.

Table, Breakfast. L. Garshofsky. 98,588-9; Feb. 18.

Tablecloth. S. Brown. 102,252-3; Dec. 8.

Tablecloth, Lace. H. D. Hooven, Jr. 99,194-5; Apr. 7.

Tablecloth, Lace. W. C. Miller. 99,206; Apr. 7.

Tablecloth, Lace. W. C. Miller. 99,580-1; May 12.

Tablecloth, Lace. F. P. Otto. 99,585; May 12.

Tablecloth, Lace. J. Waterfield. 99,229; Apr. 7.

Tablecloth, Lace. J. Waterfield. 99,469-70; Apr. 28.

Tablecloth, Lace. W. Wolf. 99,233-4; Apr. 7.

Tablecloth or similar article. G. Balish. 101,157; Sept. 8.

Tablecloth or similar article. F. J. Tausend. 101,897; Nov. 10.

Table, Dining. W. Kalpakoff. 100,165; June 23.

Table, Display. A. O. Samuels. 98,964; Mar. 17.

Table, Dressing. D. J. Bower. 101,102; Sept. 8.

Table, Dressing. J. J. O'Neill. 99,299; Apr. 14.

Table head, Radio. L. Beaumon. 101,665; Oct. 20.

Table or similar article. J. R. Bate. 101,100; Sept. 8.

Table or the like. F. W. Worth. 100,141; June 23.

Table or the like, Kitchen. J. C. Viehmann. 98,788; Mar. 3.

Table, Pocket billiard. W. Lescaze. 98,533; Feb. 11.

Table, Textile work. H. Janssen. 98,864; Mar. 10.

Table, Vanity. L. Jiranek. 100,999; Aug. 25.

Tablet, Edible. C. S. Humphrey. 102,165; Dec. 1.

Tag. A. H. Thorsen. 98,281; Jan. 21.

Tag, Price display. J. E. Roach. 101,651; Oct. 20.

Tail trimmer, Direct-connected precision curved. M. Annick. 101,606; Oct. 20.

Tank and package delivery body for vehicles, Combination. A. A. and J. M. Kramer, and F. C. Buchanan. 101,587; Oct. 13.

Tank, Automobile. E. C. Liston. 100,921; Aug. 18.

Tank, Automobile. E. C. Liston. 102,085; Nov. 24.

Tank body for vehicles. J. M. Kramer, W. M. Gadberry, and A. J. McElvain. 99,575; May 12.

Tank for bicycles, Accessory. J. R. Morgan. 100,115; June 23.

Tank, Toilet flush. O. C. Lauber. 99,439; Apr. 28.

Tank, Trailer. E. C. Liston. 99,290; Apr. 14.

Tank, Truck. L. S. Bessenett, H. A. McKim, and F. A. Selje. 102,351; Dec. 15.

Tank, Truck. O. N. Gredell. 101,116; Sept. 8.

Tank vehicle. W. W. Ammen. 98,471; Feb. 4.

Tank vehicle. R. W. Crossen, Jr. 98,796; Mar. 3.

Tank vehicle. A. R. Ferguson. 99,077; Mar. 24.

Tank vehicle. F. G. Thwaites. 98,125; Jan. 7.

Tank, Vehicular. F. G. Thwaites. 101,016; Aug. 25.

Tank, Vehicular. F. G. Thwaites. 102,071; Nov. 24.

Tap or similar article. F. E. Rice. 99,522; May 5.

Target practicing device. F. C. McClellan. 102,061; Nov. 24.

Teacup or similar article. K. Bayreuther. 102,350; Dec. 15.

Teacup or similar article. S. I. Gunther. 101,453; Oct. 6.

Teapot or similar article. B. Kogan. 101,960; Nov. 17.

Teapot or the like. F. W. Stark. 102,524; Dec. 29.

Telephone base and pad holder, Combined. L. A. Meltzer. 98,732; Feb. 25.

Telephone transmitter. R. N. Marshall. 101,816; Nov. 3.

Telescope. A. Langsner. 98,685-6; Feb. 25.

Telescope, Binocular. M. Reynolds. 98,125; Jan. 14.

Temple and temple support for an ophthalmic mounting, Combined. E. M. Snlaine. 98,407; Jan. 28.

Tennis racket or similar article. H. W. Hall. 102,163; Dec. 1.

Tent, Cemetery. A. G. Huson. 98,770; Mar. 3.

Textile drapery piece or similar article. E. Nutter. 101,709; Oct. 27.

Textile fabric. N. E. Burgess. 100,613; Aug. 4.

Textile fabric. O. J. Cahn. 98,109; Jan. 7.

Textile fabric. O. J. Cahn. 99,927; June 9.

Textile fabric. C. E. Forstmann. 98,802; Mar. 3.

Textile fabric. C. E. Forstmann. 99,858-60; June 2.

Textile fabric. C. E. Forstmann. 100,764; Aug. 11.

Textile fabric. C. E. Forstmann. 101,300; Sept. 22.

Textile fabric. A. Hafner. 98,511; Feb. 11.

Textile fabric. A. Hafner. 98,671; Feb. 25.

Textile fabric. A. Hafner. 99,938-9; June 9.

Textile fabric. D. E. Hand. 101,320; Sept. 22.

Textile fabric. W. R. Haywood. 98,433; Feb. 4.

Textile fabric. A. C. Kaplan. 98,330; Jan. 28.

Textile fabric. W. Kaplan. 100,732; Aug. 4.

Textile fabric. W. A. Landry. 98,530; Feb. 11.

Textile fabric. W. F. Menewisch. 101,311; Sept. 22.

Textile fabric. G. H. Wheary. 100,807; Aug. 11.

Textile fabric. H. W. Wilde. 100,748-9; Aug. 4.

Textile fabric, Embroidered. G. Bischof. 98,491; Feb. 11.

Textile fabric, Embroidered. G. Bischof. 98,712; Feb. 25.

Textile fabric or similar article. T. Albert. 99,258-9; Apr. 14.

Textile fabric or similar article. H. A. Brown. 99,926; June 9.

Textile fabric or similar article. W. Cleverly. 99,930; June 9.

Textile fabric or similar article. M. Holm. 98,862; Mar. 10.

Textile fabric or similar article of manufacture. J. F. Gaul, Jr. 98,309; Jan. 28.

Textile fabric or similar article of manufacture. J. F. Gaul, Jr. 99,937; June 9.

Textile fabric or similar article of manufacture. J. F. Gaul, Jr. 101,301-6; Sept. 22.

Textile fabric or similar article, Printed. M. R. Hamre. 98,720-2; Feb. 25.

Textile fabric, Woven. J. L. Walther. 100,745-6; Aug. 4.

Thermometer. H. B. Brown. 100,198; June 30.

Thermometer. H. B. Brown. 100,937; Aug. 25.

Thermometer and perpetual calendar, Combined. N. Rispoli. 102,233; Dec. 1.

Thermometer, Novelty. J. Bancroft, Jr. 102,175; Dec. 1.

Thermometer or similar article, Desk. H. Germanow. 100,100; June 23.

Ticket blank, Transportation. J. Mehlman. 101,645; Oct. 20.

Tile. E. Parker. 102,144-5; Dec. 1.

Tile. E. Parker. 102,169-70; Dec. 1.

Tile unit. E. Parker. 102,143; Dec. 1.

Tile unit. E. Parker. 102,146; Dec. 1.

Tire. G. W. Anderson. 98,568; Feb. 18.

Tire. G. W. Anderson. 99,981; June 16.

Tire. H. A. Brittain. 99,474; Apr. 28.

Tire. H. A. Brittain. 99,992; June 16.

Tire. H. A. Brittain. 100,149; June 23.

Tire. A. E. Caldwell. 99,596-7; May 12.

Tire. A. Hargraves. 98,805; Mar. 3.

Tire. W. P. MacKusick. 100,172; June 23.

Tire. J. Martin. 100,572; July 28.

Tire. B. R. Prall. 98,448; Feb. 4.

Tire. H. L. van Doren. 100,400; July 14.

Tire. C. P. Wilcox. 98,816; Mar. 3.

Tire, Automobile. H. C. Hower. 100,947-9; Aug. 25.

Tire or similar article, Automobile. G. D. Storrs. 98,897; Mar. 10.

Tire, Pneumatic. J. E. Cady. 100,364; July 14.

Tire, Pneumatic. H. S. Curtiss. 100,513; July 21.

Tire, Pneumatic. R. W. Hutchens. 100,517; July 21.

Tire, Rubber. K. Hübener. 102,275; Dec. 8.

Tire, Vehicle. A. H. Nellen and F. Leopold, Jr. 100,116-18; June 23.

Toaster. A. F. Fukal. 98,247; Jan. 21.

Toaster, Electric. R. Heller. 101,359; Sept. 29.

Tobacco pipe. M. H. Barling. 98,046; Jan. 7.

Toilet, Chemical. J. R. Morgan. 101,238; Sept. 15.

Toilet seat. W. C. Groeninger. 98,113; Jan. 7.

Tombstone. J. E. Julius and M. H. Scroggins. 101,123; Sept. 8.

Tong, Carving. B. W. Pocock. 100,792; Aug. 11.

Tongs, Ice. A. D. Brooks. 101,764; Nov. 3.

Tool, Diamond. S. G. Warner. 100,236; June 30.

Tooth brush. V. E. Rominger. 100,125; June 23.

Tooth brush. A. B. Cosad. 101,080; Sept. 1.

Tooth brush. E. E. Hachman. 100,558; July 28.

Top for a dispensing refrigerator. R. E. Baker. 98,751; Mar. 3.

Top for containers, Dispensing. C. S. Humphrey. 101,991; Nov. 17.

Towel or similar article. M. Klein. 100,951; Aug. 25.

Toy. J. A. Bitterli. 99,852; June 2.

Toy. R. Cain. 99,236; Apr. 7.

Toy. H. S. Hyde. 101,366; Sept. 29.

Toy. E. McCandlish. 99,604; May 12.

Toy. E. McCandlish. 99,720; May 19.

Toy aeroplane. D. A. Vaughan. 102,042; Nov. 24.

Toy animal. A. E. B. Rose. 102,290; Dec. 8.

Toy building log. N. I. Paulson. 99,550; May 5.

Toy cannon. H. J. Nycz. 101,966; Nov. 17.

Toy cannon. C. C. Sommerville and G. H. Cook. 99,421; Apr. 21.

Toy cannon. D. A. Vaughan. 102,041; Nov. 24.



- Toy, Child's wheeled. M. M. Johnson. 101,496; Oct. 6.  
 Toy circus fair. J. L. Cowen. 101,486; Oct. 6.  
 Toy, Figure. L. R. Adrian. 100,187; June 30.  
 Toy figure. W. P. du Bois. 101,733; Oct. 27.  
 Toy figure. A. M. Tweed. 99,147; Mar. 31.  
 Toy for making sand designs. L. R. Wellman, Jr. 101,019; Aug. 25.  
 Toy glider. H. E. B. Gary. 101,734; Oct. 27.  
 Toy gun. O. A. Langos. 102,382; Dec. 15.  
 Toy gun. H. Reom, Jr. 100,794; Aug. 11.  
 Toy machine gun. L. Marx. 99,818; May 26.  
 Toy or similar article. L. O. McQueary and M. Watts. 100,922; Aug. 18.  
 Toy vehicle or the like. R. W. Brooks. 101,103; Sept. 8.  
 Toy wagon. W. Wasyluk. 101,247; Sept. 15.  
 Toy wagon or similar article. C. P. Sollmann. 99,527; May 5.  
 Toy weapon. J. Bonnett. 100,683; Aug. 4.  
 Traffic button. J. W. Shaffer and R. T. Phillips. 100,974; Aug. 25.  
 Trailer. J. E. Coleman. 100,812; Aug. 11.  
 Trailer. A. J. Hathaway. 99,084; Mar. 24.  
 Trailer. F. E. and L. R. Kaunitz. 98,650; Feb. 18.  
 Trailer. H. B. Murray. 99,295; Apr. 14.  
 Trailer, Automobile carrying. L. M. Francis. 102,309; Dec. 8.  
 Trailer body, Automobile. A. H. Alexander. 98,792; Mar. 3.  
 Trailer body, Automobile. A. D. de Sakhnoffsky. 101,809; Nov. 3.  
 Trailer, House. R. H. Wise. 102,598; Dec. 29.  
 Trailer or similar article. V. H. Broomall. 100,485; July 21.  
 Trailer or similar article. E. Menton. 101,384; Sept. 29.  
 Trailer, Salesman's display. C. T. Falk. 102,182; Dec. 1.  
 Transformer, Electric. J. A. Comstock. 102,203; Dec. 1.  
 Transformer housing and base for illuminated display stand, Combined. R. E. Miesse. 101,416; Sept. 29.  
 Transformer housing and wall bracket for illuminated display stand, Combined. R. E. Miesse. 101,589; Oct. 13.  
 Transit. A. Langsner. 98,678; Feb. 25.  
 Transit plate. A. Langsner. 98,680; Feb. 25.  
 Transit support. A. Langsner. 98,679; Feb. 26.  
 Tray. H. A. Fisher. 99,857; June 2.  
 Tray. N. B. Geddes. 101,414; Sept. 29.  
 Tray. L. Guild. 98,317; Jan. 28.  
 Tray. L. Guild. 98,319-20; Jan. 28.  
 Tray. L. Guild. 101,168; Sept. 8.  
 Tray. F. Kaupmann. 101,043-4; Sept. 1.  
 Tray. J. W. Lynch. 100,274; July 7.  
 Tray. H. Prince. 101,007; Aug. 25.  
 Tray. B. Rummier. 101,794; Nov. 3.  
 Tray. A. A. Woodfield. 101,154; Sept. 8.  
 Tray and article holder, Combined change. L. Cohn. 101,162; Sept. 8.  
 Tray and bread display, Combined supporting. P. J. Hauswald. 99,326; Apr. 14.  
 Tray and lighter, Combination ash. W. A. Inglis and E. E. Bathke. 98,328; Jan. 28.  
 Tray and powder pad display, Combined supporting. S. L. Pomerantz. 98,690; Feb. 25.  
 Tray, Ash. R. G. Cowan. 98,238; Jan. 21.  
 Tray, Ash. L. Guild. 98,318; Jan. 28.  
 Tray, Ash. J. H. Horsley. 98,325; Jan. 28.  
 Tray, Ash. L. S. Winkler. 98,706; Feb. 25.  
 Tray base for sandwich toasters or the like. A. S. Knapp. 101,465; Oct. 6.  
 Tray, Cheese. C. G. Towne. 101,149; Sept. 8.  
 Tray, cigarette holder, and smoker, Combination ash. G. E. Wymar. 98,563; Feb. 11.  
 Tray, Combined packaging, cutting and serving. T. J. Pilliod. 99,891; June 2.  
 Tray, Desk. R. F. Patterson. 101,710; Oct. 27.  
 Tray for fruits, vegetables, or the like. C. Daum. 98,417; Feb. 4.  
 Tray, High chair. J. J. Brazell. 99,853; June 2.  
 Tray or similar article. J. H. Horsley. 98,069; Jan. 7.  
 Tray or similar article, Ash. A. J. Ackerman. 98,207; Jan. 21.  
 Tray or similar article, Ash. M. C. Meyer. 98,361; Jan. 28.  
 Tray, Serving. S. W. Farber. 98,923; Mar. 17.  
 Tray, Serving. L. Guild and W. H. Smith. 99,018; Mar. 24.  
 Tread plate, Safety. J. M. Klipfel. 100,215; June 30.  
 Tricycle. H. H. Henry. 100,212; June 30.  
 Trim, Decorative automobile hood. T. H. Montgomery. 101,133; Sept. 8.  
 Trimmer, Hedge. R. Yantisk. 99,971; June 9.  
 Trimming or the like, Jeweled metal. A. F. Reilly. 102,507-8; Dec. 22.  
 Trough, Mixing. A. Lasch and K. Frei. 98,808; Mar. 3.  
 Truck body. R. H. Gregor. 102,587; Dec. 29.  
 Truck body, Coal. P. Payette. 101,241; Sept. 15.  
 Truck, Sealable coal. P. Payette. 101,284; Sept. 22.  
 Tub, Domestic washing machine. C. E. Morgenstern. 102,572; Dec. 29.  
 Tub for a domestic washing machine. C. E. Morgenstern. 101,548; Oct. 13.  
 Tub, Treatment. C. R. Clarke. 98,497; Feb. 11.  
 Tub, Washing machine. A. W. Altortfer. 101,726; Oct. 27.  
 Tub, Washing machine. J. J. McCabe. 100,573; July 28.  
 Tube holding and dispensing device. J. Schor and J. B. Skoverski. 99,828; May 26.  
 Tube or similar article. E. H. Tyson. 102,214; Dec. 1.  
 Tube or similar article, Plastic. E. H. Tyson. 102,489; Dec. 22.  
 Tube or similar container. F. McIntosh. 99,294; Apr. 14.  
 Tube, Paste. S. De Vaultier. 100,686; Aug. 4.  
 Tumbler. D. Deskey. 98,421; Feb. 4.  
 Tumbler. D. Deskey. 99,066-71; Mar. 24.  
 Tumbler. W. O. Prouty. 98,614; Feb. 18.  
 Tumbler, Drinking. D. Deskey. 98,420; Feb. 4.  
 Tumbler, Glass. D. M. Smith. 102,096; Nov. 24.  
 Tumbler or similar article. E. W. Newton. 100,579; July 28.  
 Tumbler or similar article. K. T. Piper. 99,138; Mar. 31.  
 Tumbler or similar article, Sham pilsener. J. A. Hutchison. 99,508; May 5.  
 Type composing machine. F. H. Poeppelmeier. 100,123; June 23.  
 Typewriting machine. M. R. Keller. 100,245; June 30.  
 Umbrella. J. E. Schrader. 101,291; Sept. 22.  
 Umbrella, Lawn. E. H. Hanna. 101,773-4; Nov. 3.  
 Undergarment. W. B. Malouf. 99,203; Apr. 7.  
 Underwear garment for men. L. Arons. 98,747; Mar. 3.  
 Urn. F. Palladino. 101,922; Nov. 10.  
 Urn and housing therefor, Combined coffee. J. H. McKie. 101,006; Aug. 25.  
 Urn, Coffee. M. H. Emmer. 102,205; Dec. 1.  
 Urn, Crematory. T. Briscoe. 98,914; Mar. 17.  
 Urn or similar article, Percolator. S. Kornblum. 100,699; Aug. 4.  
 Utensil display and holder therefor, Combination food. J. J. Sindler. 102,292; Dec. 8.  
 Utensil, Smoker's. R. C. Muzzo. 101,882; Nov. 10.  
 Vacuum casting apparatus. M. Annick. 101,607; Oct. 20.  
 Vacuum cleaner casing. G. E. Lofgren. 99,875-6; June 2.  
 Valve. W. T. Birch. 99,538; May 5.  
 Valve. D. Lewis. 99,202; Apr. 7.  
 Valve, Air. H. L. MacCowan. 102,190; Dec. 1.  
 Valve, Air relief. M. McCracken. 100,707; Aug. 4.  
 Valve and operating means, Combined rotary. V. E. Flodin. 101,030; Sept. 1.  
 Valve, Ball float. C. Crary. 98,661; Feb. 25.  
 Valve body, Plug. S. J. Nordstrom. 98,362-3; Jan. 28.  
 Valve control unit. H. Dreyfuss. 101,442; Oct. 6.  
 Valve, Diaphragm motor. W. H. Vogt. 99,226; Apr. 7.  
 Vanity case. A. Wewetzer. 98,488; Feb. 4.  
 Vanity case or similar article. F. Spitalny. 99,978; June 9.  
 Vanity case or the like, Illuminated. R. A. Atherton. 102,348; Dec. 15.  
 Vanity or similar article. G. Krick. 101,782; Nov. 3.  
 Vase, Flower. S. L. Wolffs. 98,633; Feb. 18.  
 Vase or similar article of glassware, Glass. T. C. Heisey. 99,798; May 26.  
 Vault, Burial. H. Cohen. 99,778; May 26.  
 Vault, Burial. H. Cohen. 101,250-1; Sept. 15.  
 Vault, Burial. J. M. Seely. 99,373; Apr. 21.  
 Vault or similar article, Burial. G. D. Myers. 101,504; Oct. 6.  
 Vehicle. A. de Sakhnoffsky. 101,507; Oct. 6.  
 Vehicle. J. F. Frazier. 101,351; Sept. 29.  
 Vehicle. J. F. Frazier. 101,478; Oct. 6.  
 Vehicle body. N. P. Larsen. 100,868; Aug. 18.  
 Vehicle body, Juvenile. H. L. Kraefft. 102,058; Nov. 24.  
 Vehicle body, Juvenile. H. L. Kraefft. 102,084; Nov. 24.  
 Vehicle, Dumping. E. L. Tranaas. 101,926; Nov. 10.  
 Vehicle indicating device. W. De Lisle. 102,418; Dec. 22.  
 Vehicle, Rail. E. J. W. Ragsdale. 98,133; Jan. 7.  
 Vehicle, Tank. A. R. Ferguson. 98,978; Mar. 17.  
 Vehicle, Tank. A. R. Ferguson. 99,007; Mar. 24.  
 Vehicle, Tank. J. F. Frazier. 101,348-50; Sept. 29.  
 Vehicle, Tank. F. G. Thwaite. 100,883; Aug. 18.  
 Vehicle, Trailer. F. M. Archer. 98,323; Apr. 14.  
 Velocipede. B. J. Anderson. 99,848; June 2.  
 Velocipede. B. J. Anderson. 100,406; July 14.  
 Velocipede. H. L. Kraefft. 98,076; Jan. 7.  
 Velocipede. H. L. Kraefft. 98,527; Feb. 11.  
 Velocipede. H. L. Kraefft. 102,138; Dec. 1.  
 Velocipede. M. E. Roe and W. H. Adams. 100,289-90; July 7.  
 Velocipede. M. E. Roe and W. H. Adams. 100,292; July 7.  
 Velocipede fork. H. L. van Doren and J. G. Rideout. 99,149; Mar. 31.  
 Velocipede frame member. H. L. van Doren and J. G. Rideout. 99,150; Mar. 31.  
 Vending machine. B. W. Fry. 99,009; Mar. 24.  
 Vending machine slug or similar article. R. B. Wiggins. 99,838; May 26.  
 Ventilator and signal unit, Combination vehicle. W. Lintern. 101,671; Oct. 20.  
 Ventilator, Motor vehicle. E. E. Woodward and J. P. Calahan. 100,239; June 30.  
 Vessel, Drinking. L. A. Leppke. 100,499; July 21.  
 Vessel, Drinking. L. A. Leppke. 100,702; Aug. 4.  
 Vessel, Measuring. J. G. Emig. 99,118; Mar. 31.  
 Vessel or similar article, Cooking. C. G. Towne and E. H. Wunderley. 101,654-5; Oct. 20.  
 Vestee. H. J. Levi. 99,948; June 9.  
 Vial housing unit. A. Langsner. 98,684; Feb. 25.  
 Vibrator body. G. B. Pickop. 98,460; Feb. 4.  
 Vibrator, Electric. A. O. Samuels. 100,391; July 14.  
 Vibrator or similar article. A. S. Knapp. 99,288; Apr. 14.  
 Violin or similar article. A. F. Randall and Ostermeyer. 102,065; Nov. 24.  
 Waffle iron. I. Edelman. 102,357; Dec. 15.



- Waffle iron and tray, Combined. A. S. Knapp. 98,073; Jan. 7.
- Wagon, Toy. E. G. Petersen. 100,477; July 21.
- Wall pocket front panel or the like. J. Visser. 99,908; June 2.
- Wall unit for a store interior. A. D. Kaner. 100,779; Aug. 11.
- Warmer, Hot fudge. R. P. Olmstead. 98,778; Mar. 3.
- Washstand. J. A. Callahan. 98,227-8; Jan. 21.
- Washer, Sand. H. W. Dietart. 102,050; Nov. 24.
- Washing machine. J. Stanitz. 98,895; Mar. 10.
- Washing machine and drier, Combined. C. F. Morgenstern. 98,274; Jan. 21.
- Washing machine and wringer, Combined. H. P. Rodman. 102,445; Dec. 22.
- Washing machine and wringer, Combined. J. Stanitz. 98,627; Feb. 18.
- Washing machine casing and wringer, Combined. C. E. Morgenstern. 101,646; Oct. 20.
- Washing machine casing and wringer, Combined. A. H. Peters. 98,124; Jan. 7.
- Washing machine, Domestic. J. T. Hume. 100,919; Aug. 18.
- Washing machine or the like. C. A. Depue. 100,207-8; June 30.
- Watch. N. H. Hammond. 99,941; June 9.
- Watch. A. W. Wadsworth. 101,076; Sept. 1.
- Watch bracelet. M. J. Bruner. 98,139; Jan. 14.
- Watch bracelet. A. Bulova. 98,826; Mar. 10.
- Watchcase. A. Herbst. 101,038; Sept. 1.
- Watchcase. M. H. and M. S. Stein. 102,150; Dec. 1.
- Watchcase. M. Worns. 100,404; July 14.
- Watch crystal. J. Goldblatt. 98,249; Jan. 21.
- Watch or similar article. R. Lobel. 98,952; Mar. 17.
- Water closet. H. Dreyfuss. 101,441; Oct. 6.
- Water closet. T. C. Hobbs. 99,800; May 26.
- Water closet. C. Karstadt. 101,534-6; Oct. 13.
- Weighting and advertising device, Combined. G. G. Eldman. 98,801; Mar. 3.
- Welder, Spot. C. A. Frick. 99,325; Apr. 14.
- Welding electrode extruding machine. C. J. Holslag. 101,532; Oct. 13.
- Wheel. C. L. Eksergian and T. A. Davenport. 100,688; Aug. 4.
- Wheel. H. J. Horn. 99,805; May 26.
- Wheel. J. H. Hunt. 99,328; Apr. 14.
- Wheel. C. W. Sinclair. 98,461-2; Feb. 4.
- Wheel. C. W. Sinclair. 99,055; Mar. 24.
- Wheel. C. W. Sinclair. 99,099; Mar. 24.
- Wheel amusement device, Spinning. J. P. Harrison, Jr. 99,083; Mar. 24.
- Wheelbarrow. J. Penna. 101,137; Sept. 8.
- Wheel disk or similar article. G. A. Lyon. 101,004; Aug. 25.
- Wheel for hand brakes of railway cars, Hand. H. J. Lounsbury. 99,092; Mar. 24.
- Wheel, Grinding. C. F. Gailor. 102,027; Nov. 24.
- Wheel or similar article. G. A. Lyon. 101,742; Oct. 27.
- Whistle. T. F. Butterfield. 102,543; Dec. 29.
- Wrap. A. Brief. 99,698; May 19.
- Wreath. A. J. Barocas. 98,658; Feb. 25.
- Wringer for a domestic washing machine. V. Wooster. 99,152; Mar. 31.
- X-ray machine. W. H. Thwaites. 101,015; Aug. 25.
- X-ray tube and transformer case and bracket, Combined. E. L. Monnot. 101,390; Sept. 29.
- X-ray unit. E. B. Graves. 100,945; Aug. 25.
- X-ray unit. E. L. Monnot. 101,387; Sept. 29.
- X-ray unit. W. S. Werner. 102,537; Dec. 29.
- X-ray unit standard. E. L. Monnot. 101,389; Sept. 29.

## LIST OF DISCLAIMERS ARRANGED BY INVENTIONS

- Alcohols, Production of hydroabietyl. Clyde O. Henke and Milton A. Prahl. No. 2,021,100; date of patent Nov. 12, 1935; disclaimer filed Sept. 28, 1936; v. 471; p. 477.
- Alkylphenols and method of producing the same, Substituted. Frederick F. Blicke. No. 1,980,966; date of patent Nov. 13, 1934; disclaimer filed Oct. 29, 1936; v. 472; p. 735.
- Amplifiers, Governing the output of electrical. Frederick K. Vreeland. No. 1,926,129; date of patent Sept. 12, 1933; disclaimer filed Nov. 14, 1936; v. 473; p. 231.
- Arc welding apparatus, Electric. Robert K. Hopkins. No. 1,954,999; patent dated Apr. 17, 1934; disclaimer filed Mar. 24, 1936; v. 465; p. 466.
- Articles, Method of and apparatus for coating. Emerson Pugh. No. 1,855,869; date of patent Apr. 26, 1932; disclaimer filed Nov. 10, 1936; v. 473; p. 231.
- Attaching device. Harry Schwartzman. No. 1,867,330; date of patent July 12, 1932; disclaimer filed Mar. 7, 1936; v. 464; p. 955.
- Automotive engines, Temperature control system for. Willard O. Twombly. No. 1,925,352; date of patent Sept. 5, 1933; disclaimer filed Jan. 22, 1936; v. 464; p. 242.
- Bag closing machine. Charles V. Brady and Frank R. Linda. No. 2,003,337; date of patent June 4, 1935; disclaimer filed July 29, 1936; v. 469; p. 761.
- Bath cabinet. Dewey M. Kennedy and Benjamin H. Kennedy. No. 1,767,800; date of patent June 24, 1930; disclaimer filed May 26, 1936; v. 467; p. 719.
- Beam adjuster. James P. Ratigan. No. 1,643,588; date of patent Sept. 27, 1927; disclaimer filed May 26, 1936; v. 467; p. 719.
- Bellows folds in tubing, Apparatus for producing. Walter B. Clifford. No. 1,689,620; date of patent Oct. 30, 1928; disclaimer filed Mar. 5, 1936; v. 464; p. 955.
- Bendable laminated product. Gustave E. Landt. No. 2,003,752; date of patent June 4, 1935; disclaimers filed Feb. 5 and Oct. 12, 1936; v. 463; p. 697; and v. 472; p. 1.
- Brake, Fluid pressure. Glenn T. McClure. No. 2,034,307; date of patent Mar. 17, 1936; disclaimer filed Nov. 27, 1936; v. 473; p. 491.
- Brakes, Slack take-up and force multiplier for hydraulic. Parker Dodge. No. 1,958,511; date of patent May 15, 1934; disclaimer filed Oct. 29, 1936; v. 472; p. 735.
- Braking system, Vehicle. John W. Logan, Jr. No. 2,012,747; date of patent Aug. 27, 1935; disclaimer filed Apr. 11, 1936; v. 465; p. 239.
- Cabinet, Heat-resisting and method of making the same. Ralph H. Dick and Carl F. Wolters. Re. No. 15,529; date of patent Jan. 16, 1923; disclaimer filed Mar. 4, 1936; v. 464; p. 954.
- Car, Welded hopper. William H. Mussey and Julius R. Rudolph. No. 1,859,261; date of patent May 17, 1932; disclaimer filed Mar. 26, 1936; v. 465; p. 466.
- Carburetor. Brayton W. Westcott. No. 1,912,468; date of patent June 6, 1933; disclaimer filed Mar. 27, 1936; v. 465; p. 466.
- Cellulose and method of producing it, Printed regenerated. Julius Voss. No. 1,929,394; date of patent Oct. 3, 1933; disclaimer filed Dec. 23, 1935; v. 462; p. 258.
- Chemical compound and method of producing the same. Charles Everett Breizy. No. 1,976,831; date of patent Oct. 16, 1934; disclaimer filed Aug. 20, 1936; v. 470; p. 717.
- Circuit breaker, Automatic. Joseph Sachs. No. 2,020,333; date of patent Nov. 12, 1935; disclaimer filed July 31, 1936; v. 469; p. 761.
- Circuit interrupter. Paul J. Glaister and Herbert L. Rawlins. No. 2,042,335; date of patent May 26, 1936; disclaimer filed Oct. 31, 1936; v. 473; p. 1.
- Circuit, Signal shaping. Florent E. A. Smets and Carl F. Hansen. No. 1,895,774; date of patent Jan. 31, 1933; disclaimer filed May 14, 1936; v. 467; p. 7.
- Cleansing and polishing preparation. Joseph A. Tumbler. No. 1,969,387; date of patent Aug. 7, 1934; disclaimer filed Mar. 25, 1936; v. 465; p. 466.
- Closure for cylindrical members. David W. Thomas. No. 1,837,345; date of patent Dec. 22, 1931; disclaimer filed Jan. 2, 1936; v. 463; p. 8.
- Clutch and brake control mechanism. Frederick G. and William M. Folberth. No. 1,945,807; date of patent Feb. 6, 1934; disclaimer filed Dec. 9, 1935; v. 462; p. 258.
- Clutch operating mechanism for motor vehicles. Edward G. Hill. No. 1,893,471; date of patent Jan. 3, 1933; disclaimer filed Dec. 2, 1936; v. 473; p. 998.
- Coal and product thereof, Method of treating. Eliot Farley and Nathaniel R. Landon. No. 1,748,335; date of patent Feb. 25, 1930; disclaimer filed Mar. 3, 1936; v. 464; p. 709.
- Coin slide. Walter A. Tratsch. No. 1,908,380; date of patent May 9, 1933; disclaimer filed June 25, 1936; v. 468; p. 526.
- Communication by frequency variation. Clarence W. Hansell. No. 1,819,508; date of patent Aug. 18, 1931; disclaimer filed Dec. 11, 1935; v. 462; p. 257.
- Compartment freight car. Alfred H. Smith. Re. No. 16,073, Patents Nos. 1,564,285 and 1,650,661; dates of patents May 19, 1925, Dec. 8, 1925, and Nov. 29, 1927; disclaimers filed Mar. 9, 1936; v. 464; p. 955.
- Condenser construction. Raymond A. Lane. No. 1,959,372; date of patent May 22, 1934; disclaimer filed June 2, 1936; v. 467; p. 719.
- Condenser, electric. Albert E. Maibauer. No. 1,937,490; date of patent Nov. 28, 1933; disclaimer filed Dec. 27, 1935; v. 462; p. 484.
- Condenser, Electrical. Stanley S. Cramer. No. 1,800,719; date of patent Apr. 14, 1931; disclaimer filed Aug. 20, 1936; v. 470; p. 948.
- Container capping machine. John J. Gaynor. No. 1,928,450; date of patent Sept. 26, 1933; disclaimer filed Apr. 29, 1936; v. 466; p. 488.
- Control system. Francis Mohler. No. 1,989,523; date of patent Jan. 29, 1935; disclaimer filed Feb. 14, 1936; v. 464; p. 8.
- Control system, Electric welding. Hans Klemperer. No. 1,995,810; date of patent Mar. 26, 1935; disclaimer filed Nov. 24, 1936; v. 473; p. 491.
- Cooling system. Samuel M. Anderson. Re. No. 19,748; date of patent Nov. 12, 1935; disclaimer filed Aug. 5, 1936; v. 469; p. 761.



- Cords in rubber sheets, Method and apparatus for incorporating. Thomas Midgley. No. 1,742,777; date of patent Jan. 7, 1930; disclaimer filed Nov. 21, 1936; v. 473; p. 231.
- Core and a method of making cores. Fred E. Henderson. No. 1,959,426; date of patent May 22, 1934; disclaimer filed May 2, 1936; v. 466; p. 745.
- Core and composition for producing the same. Frank B. Mason. No. 1,778,329; date of patent Oct. 14, 1930; disclaimer filed May 25, 1936; v. 467; p. 719.
- Coupling system, Electric. Carl E. Trube. No. 1,763,380; date of patent June 10, 1930; disclaimer filed May 27, 1936; v. 467; p. 719.
- Cracking system. Edward J. Shaeffer and Eugene P. Brown. No. 1,851,526; date of patent Mar. 29, 1932; disclaimer filed Apr. 18, 1936; v. 466; p. 239.
- Cream for increasing the viscosity thereof, Method of treating. Ture Viktor Bergman and Hilding Adolf Sydberg. No. 1,944,541; date of patent Jan. 23, 1934; disclaimer filed Nov. 23, 1936; v. 473; p. 491.
- Cut-off machine, Automatic. William L. Libby. No. 1,972,595; date of patent Sept. 4, 1934; disclaimer filed Aug. 4, 1936; v. 469; p. 761.
- Dispatch-system terminal. James T. Cowley. No. 1,769,677; date of patent July 1, 1930; disclaimer filed June 19, 1936; v. 468; p. 1.
- Distance control device. Joseph Clarence Bolt and Curt I. Johnson. No. 1,870,230; date of patent Aug. 9, 1932; disclaimer filed Mar. 17, 1936; v. 465; p. 1.
- Distribution, System of. Harold D. Arnold. No. 1,485,156; date of patent Feb. 26, 1924; disclaimer filed Dec. 20, 1935; v. 462; p. 256.
- Distributor head. Harry E. Morton. No. 1,985,617; date of patent Dec. 25, 1934; disclaimer filed Apr. 30, 1936; v. 466; p. 488.
- Duplicating machines, Feed mechanism for. Charles L. Winter. No. 2,046,931; date of patent July 7, 1936; disclaimer filed Dec. 14, 1936; v. 473; p. 998.
- Eggs and other fragile article, Packing for. Leon Mann and Morris Koppelman. No. 1,445,780; date of patent Feb. 20, 1923; disclaimer filed Oct. 20, 1936; v. 472; p. 502.
- Electric welding, Method of uniting thick metal parts by. Carl L. Ipsen. No. 1,771,961; date of patent July 29, 1930; disclaimer filed Apr. 2, 1936; v. 465; p. 719.
- Electrical apparatus. Louis A. M. Phelan. No. 1,598,874; date of patent Sept. 7, 1926; disclaimer filed May 29, 1936; v. 471; p. 477.
- Electrode support. William W. Eitel and Jack McCullough. No. 2,012,038; date of patent Aug. 20, 1935; disclaimer filed Oct. 16, 1936; v. 472; p. 251.
- Electrolytic cell. Georgiev Alexander. No. 1,789,949; date of patent Jan. 20, 1931; disclaimer filed Feb. 27, 1936; v. 464; p. 479.
- Electron discharge apparatus. Josef Dantscher. No. 1,957,249; date of patent May 1, 1934; disclaimer filed Nov. 7, 1936; v. 473; p. 1.
- Electron discharge device. Arthur L. Samuel. No. 2,000,990; date of patent May 14, 1935; disclaimer filed May 9, 1936; v. 467; p. 8.
- Electro-optical image production. Robert C. Mathes. No. 1,760,159; date of patent May 27, 1930; disclaimer filed June 30, 1936; v. 468; p. 526.
- Fabric and its method of manufacture, Rubberized. Hector V. Lough. No. 1,607,266; date of patent Nov. 16, 1936; disclaimer filed June 24, 1936; v. 468; p. 753.
- Fabric and process of making the same, Knitted. Wilbur L. Houseman. No. 1,805,624; date of patent May 19, 1931; disclaimer filed July 13, 1936; v. 469; p. 520.
- Fabric, Manufacture of cord. Martin Casticum. No. 1,500,232; date of patent July 8, 1924; disclaimer filed Nov. 21, 1936; v. 473; p. 231.
- Fabric, Method and machine for producing cord. Thomas Midgley. No. 1,509,365; date of patent Sept. 23, 1924; disclaimer filed Nov. 21, 1936; v. 473; p. 231.
- Fasteners, Method and machine for making. Gideon Sundback. No. 1,467,015; date of patent Sept. 4, 1923; disclaimer filed Sept. 14, 1936; v. 471; p. 241.
- Feed mechanism for high speed machines, Hydraulically operated. Ralph E. Flanders. No. 1,931,652; date of patent Oct. 24, 1933; disclaimer filed Apr. 4, 1936; v. 465; p. 719.
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